INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

Revista da Propriedade Industrial

Seção I

Nº 2243
31 de Dezembro de 2013

Patentes
Desenhos Industriais
Contratos de Tecnologia
Programas de Computador
Indicações Geográficas
Topografias de Circuitos Integrados

REPÚBLICA FEDERATIVA DO BRASIL
Presidente
Dilma Roussef

MINISTÉRIO DO DESENVOLVIMENTO, INDÚSTRIA E COMÉRCIO EXTERIOR
Ministro do Desenvolvimento, Indústria e Comércio Exterior
Fernando Pimentel

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL
Presidente
Jorge de Paula Costa Ávila

De conformidade com a Lei nº 5.648 de 11 de dezembro de 1970, esta é a publicação oficial do Instituto Nacional da Propriedade Industrial, órgão vinculado ao Ministério do Desenvolvimento, Indústria e Comércio Exterior, República Federativa do Brasil, que publica todos os seus atos, despachos e decisões relativos ao sistema de propriedade industrial no Brasil, compreendendo Marcas e Patentes, bem como os referentes a contratos de Transferência de Tecnologia e assuntos correlatos, além dos que dizem respeito ao registro de programas de computador como direito autoral.

As established by Law nº 5.648 of december 11, 1970, this is the official publication of the National Institute of Industrial Property, an office under the Ministry of Development, Industry and Foreign Trade, Federative Republic of Brazil, which publishes all its official acts, orders and decisions regarding the industrial property system in Brazil, comprising Trademarks and Patents, as well as those refering to Technology Transfer agreements and related matters, besides those regarding software registering as copyright.

D´après la Loi nº 5.648 du 11 décembre 1970, celle-si est la publication officielle de l'Institut National de la Propriété Industrielle, un office lié au Ministère du Développement, de l'Industrie et du Commerce Extérieur, République Fédérative du Brésil, qui publie tous ses actes, ordres et décisions concernant le système de la propriété industrielle au Brésil, y compris marques et brevets, aussi que ceux référents aux contracts de transfert de technologie et des sujets afférents, en outre que ceux se rapportant à l'enregistrement des programmes d´ordinateur comme droit d'auteur.

Según estabelece la Ley nº 5.648 de 11 diciembre 1970, esta es la publicación oficial del Instituto Nacional de la Propiedad Industrial, oficina vinculada al Ministerio del Desarrollo, Industria y Comercio Exterior, República Federativa del Brasil, que publica todos sus actos, ordenes y decisiónes referentes al sistema de propiedad industrial en Brasil, comprendendo marcas y patentes así que los referentes a contractos de transferencia de tecnologia y asuntos corelacionados, además de los referentes al registro de programas de ordenador como derecho de autor.

Laut Gezets Nr. 5.648 vom 11. dezember 1970, ist dies das Amtsblatt des Nationalen Instituts für gewerbliches Eigentum (INPI), eines Organs des Bundesministerium für Entwicklung, Industrie und Aussenhandel, der Bundesrepublik Brasilien, welches alle Amtshandlungen, Beschlüsse und Entscheidungen über gewerbliches Eigentum in Brasilien, einschliesslich Warenzeichen und Patente, ebenso wie auch Übertragunsvertrage von Technologie und Computerprogramme als Urheberrecht veroffentlicht.

Outras informações, tais como telefones das unidades do INPI; endereços, telefones e horários de atendimento das Divisões Regionais, Representações e Postos avançados, podem ser obtidos no endereço eletrônico abaixo.

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INPI INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

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As established by Law nº 5.648 of december 11, 1970, this is the official publication of the National Institute of Industrial Property, an office under the Ministry of Development, Industry and Foreign Trade, Federative Republic of Brazil, which publishes all its official acts, orders and decisions regarding the industrial property system in Brazil, comprising Trademarks and Patents, as well as those refering to Technology Transfer agreements and related matters, besides those regarding software registering as copyright.

D´après la Loi nº 5.648 du 11 décembre 1970, celle-si est la publication officielle de l'Institut National de la Propriété Industrielle, un office lié au Ministère du Développement, de l'Industrie et du Commerce Extérieur, République Fédérative du Brésil, qui publie tous ses actes, ordres et décisions concernant le système de la propriété industrielle au Brésil, y compris marques et brevets, aussi que ceux référents aux contracts de transfert de technologie et des sujets afférents, en outre que ceux se rapportant à l'enregistrement des programmes d´ordinateur comme droit d'auteur.

Según estabelece la Ley nº 5.648 de 11 diciembre 1970, esta es la publicación oficial del Instituto Nacional de la Propiedad Industrial, oficina vinculada al Ministerio del Desarrollo, Industria y Comercio Exterior, República Federativa del Brasil, que publica todos sus actos, ordenes y decisiónes referentes al sistema de propiedad industrial en Brasil, comprendendo marcas y patentes así que los referentes a contractos de transferencia de tecnologia y asuntos corelacionados, además de los referentes al registro de programas de ordenador como derecho de autor.

Laut Gezets Nr. 5.648 vom 11. dezember 1970, ist dies das Amtsblatt des Nationalen Instituts für gewerbliches Eigentum (INPI), eines Organs des Bundesministerium für Entwicklung, Industrie und Aussenhandel, der Bundesrepublik Brasilien, welches alle Amtshandlungen, Beschlüsse und Entscheidungen über gewerbliches Eigentum in Brasilien, einschliesslich Warenzeichen und Patente, ebenso wie auch Übertragunsvertrage von Technologie und Computerprogramme als Urheberrecht veroffentlicht.

Serviço Público Federal

Instituto Nacional da Propriedade Industrial

Comissão de Cadastramento dos Agentes da Propriedade Industrial

COMUNICADO

A Comissão de Cadastramento dos Agentes da Propriedade Industrial, constituída pela Portaria nº. 272, de 18 de abril de 2011, alerta aos Agentes da Propriedade Industrial, devidamente cadastrados perante o INPI, que nos termos da Resolução n° 194/08, o pagamento da anuidade relativa a matrícula de Agente da Propriedade Industrial – exercício 2014, no valor vigente à época do pagamento, será devido até o dia 31 de março de 2014, devendo a sua comprovação ser feita até o dia 30 de abril de 2014, sob pena de suspensão temporária do exercício das atribuições na função de agente da propriedade industrial.

Cabe informar que pagamentos realizados após 31 de março de 2014 e/ou comprovados após 30 de abril de 2014, deverão ser acrescidos do valor da restauração.

Os formulários para comprovação do pagamento da anuidade podem ser obtidos no Portal INPI, clicando em “Quem Somos”, “Como atuar”, “Folha de Petição da COCAPI”. **Não serão aceitos formulários desatualizados.**

As pessoas jurídicas cadastradas como agentes da propriedade industrial devem apresentar, além da “Folha de Petição da COCAPI”, o “Formulário Complementar para Pagamento de Anuidade de Pessoa Jurídica” assinado por todos os sócios.

As alterações de endereço, nome ou razão social e sócios devem ser informadas de imediato à COCAPI, apresentando documentação comprobatória de tais alterações.

Informamos também que, nos termos do Art. 14 da Resolução 194/08, o não pagamento da anuidade por 03 (três) anos consecutivos acarretará no cancelamento definitivo da matrícula de habilitação na função de agente da propriedade industrial, não sendo mais aplicável a restauração.

Aos agentes beneficiados pela isenção, conforme Art. 19 da Resolução 194/08, informamos que, mesmo não sendo necessário recolher a taxa de anuidade de suas respectivas matrículas, é necessário, no período de 02 de janeiro a 30 de abril, requerer a isenção do pagamento através do formulário “Folha de Petição da COCAPI”, a fim de comprovar o exercício das atribuições na função de agente da propriedade industrial.

COMISSÃO DE CADASTRAMENTO DE AGENTE
DA PROPRIEDADE INDUSTRIAL

Telefone : (21)3037-3472 / 3037-3069 / 3037-3882
Telefax: (21) 3037-3036
e-mail : cocapi@inpi.gov.br

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL
COMISSÃO DE CONDUTA PROFISSIONAL
DOS AGENTES DA PROPRIEDADE INDUSTRIAL
PORTARIA INPI/PR nº 150, de 16/02/11.

Processo nº	Denunciados	Decisão do Presidente do INPI
0750/2005	ORGANIZAÇÃO MÉRITO MARCAS E PATENTES LTDA – API Nº 147 (SÓCIOS: LINCOLN ISEJIMA LIMA – API Nº 1277/YUKIE ISEJIMA – API Nº 1277).	ARQUIVAMENTO
3807/2005	CADASTRO NACIONAL ASSESSORIA DA PROPRIEDADE INDUSTRIAL LTDA – API Nº 1217 (SÓCIOS: MARCO ANTÔNIO CARVALHO DE SOUSA – API Nº 1175/MARIA CARVALHO DE SOUSA – API Nº 1216).	CANCELAMENTO DEFINITIVO DA API
3444/2005	JEAN WELLINGTON MONTEIRO TÍNEL – API Nº 1108.	ARQUIVAMENTO
1685/2006	ORGANIZAÇÃO MÉRITO MARCAS E PATENTES LTDA – API Nº 147 (SÓCIOS: LINCOLN ISEJIMA LIMA – API Nº 1277/YUKIE ISEJIMA – API Nº 1277).	ARQUIVAMENTO
3397/2006	SÉRGIO LUIZ PINTO DE SOUZA – OAB/MG Nº 024575.	ARQUIVAMENTO
4035/2006, 1176/2009, 2609/2009, 3005/2009, 4082/2009 e 4164/2009.	NELMA APARECIDA MATTOZINHO MARTINEZ – API Nº 970	SUSPENSÃO 30 (Trinta) dias período de 01/01 a 30/01/2014

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL
COMISSÃO DE CONDUTA PROFISSIONAL
DOS AGENTES DA PROPRIEDADE INDUSTRIAL
PORTARIA INPI/PR nº 150, de 16/02/11.

4783/2008	**ROBERTO DA SILVA FREITAS – OAB/SP Nº 1782229.**	**ARQUIVAMENTO**
19517/2013	**MERCAP SERVIÇOS DE MARCAS E PATENTES LTDA ME – API Nº 1725 (SÓCIOS: MILTON PIONTE – API Nº 1055/CLAUDIA REGINA DOS SANTOS PIONTE OAB/SP Nº 209734).**	**ADVERTÊNCIA**
43072/2013	**ROBERTO DIRCEU PACHECO JUNIOR – API Nº 1232**	**SUSPENSÃO 45 (quarenta e cinco) dias período de 01/01 a 14/02/2014**
61901/2013	**PROVÍNCIA MARCAS E PATENTES LTDA – API Nº 2091 (SÓCIO: MARCELO HENRIQUE ZANONI - OAB/SP Nº 229125/Nº 63096 – SUPLEMENTAR DO PR).**	**ARQUIVAMENTO**

SERVIÇO PÚBLICO FEDERAL
MINISTÉRIO DO DESENVOLVIMENTO, INDÚSTRIA E COMÉRCIO EXTERIOR
INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

C O M U N I C A D O

Devido ao Ponto Facultativo instituído pelo Decreto nº 8.053/2013, que estabelece o fechamento de órgãos públicos localizados no Estado de Goiás, nos dias 24 e 31 de dezembro de 2013, informo que os prazos legais vencidos nas referidas datas prorrogam-se automaticamente para o dia 26 de dezembro de 2013 e 02 de janeiro de 2014, respectivamente.

Os prazos a que se refere o presente Comunicado, aplicam-se somente para o Estado de Goiás.

Presidência, 23 de dezembro de 2013

Ademir Tardelli
Vice-Presidente

SERVIÇO PÚBLICO FEDERAL
MINISTÉRIO DO DESENVOLVIMENTO, INDÚSTRIA E COMÉRCIO EXTERIOR
INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

C O M U N I C A D O

Devido ao Ponto Facultativo instituído de Decreto "E" nº 33/2013, que estabelece o fechamento de órgãos públicos localizados no Estado de Mato Grosso do Sul nos dias 24 e 31 de dezembro de 2013, informo que os prazos legais vencidos nas referidas datas prorrogam-se automaticamente para o dia 26 de dezembro de 2013 e 02 de janeiro de 2014, respectivamente.

Os prazos a que se refere o presente Comunicado, aplicam-se somente para o Estado de Mato grosso do Sul.

Presidência, 23 de dezembro de 2013

Ademir Tardelli
Vice-Presidente

SERVIÇO PÚBLICO FEDERAL
MINISTÉRIO DO DESENVOLVIMENTO, INDÚSTRIA E COMÉRCIO EXTERIOR
INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

C O M U N I C A D O

Devido ao fechamento do prédio do DINE, onde está localizada a SEDIR/PERNAMBUCO, nos dias 24 e 31 de dezembro de 2013, informo que os prazos legais vencidos nas referidas datas prorrogam-se automaticamente para o dia 26 de dezembro de 2013 e 02 de janeiro de 2014, respectivamente.

Os prazos a que se refere o presente Comunicado, aplicam-se somente para o Estado de Pernambuco.

Presidência, 23 de dezembro de 2013

Ademir Tardelli
Vice-Presidente

NULIDADES E RECURSOS AO SR. PRESIDENTE DO INPI

DICIG

NULIDADES

(11) **DI 6301857-8** (45) 13/01/2004
(73) NATIVA'S BUCHAS NATURAIS LTDA ME (BR/PR)
(74) Calisto Vendrame Sobrinho
PAN de terceiros: O(s) Titular(es): NATIVA'S BUCHAS NATURAIS LTDA. ME. e Requerente(s): EBEX INDÚSTRIA E COMÉRCIO LTDA. ME / Procurador(es): IVANDO SANTOS SOUZA, deverão tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6700675-2** (45) 03/03/2009
(73) Pentair Hidro Filtros do Brasil Ind. e Com. de Filtros Ltda (BR/RS) , Pentair Hidro Filtros do Brasil Ind. e Com. de Filtros Ltda (BR/RS)
(74) MILTON LUCÍDIO LEÃO BARCELLOS
PAN de terceiros: O(s) Titular(es): HIDRO FILTROS DO BRASIL IND. E COM. DE FILTROS LTDA. e Requerente(s): HOKEN INTERNATIONAL COMPANY LTDA. / Procurador(es): AGUINALDO MOREIRA, deverão tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6803968-9** (45) 13/10/2009
(73) M K Eletrodomésticos Ltda (BR/BA)
(74) Vilage Marcas & Patentes S/S LTDA
PAN de terceiros: O(s) Titular(es): M. E. INDÚSTRIA ELETRÔNICA DO NORDESTE LTDA. e Requerente(s): GRUPO SEB DO BRASIL PRODUTOS DOMÉTICOS LTDA. / Procurador(es): CRUZEIRO NEWMARC PATENTES E MARCAS LTDA., deverão tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6804765-7** (45) 20/10/2009
(73) Adilton da Conceição Fiuza (BR/BA)
(74) Oldair da Silva Guimarães
PAN de terceiros: O(s) Titular(es): ADILTON DA CONCEIÇÃO FIUZA e Requerente(s): MÁRIO EUGÊNIO FLORES CARNEIRO / Procurador(es): BRASNORTE MARCAS E PATENTES LTDA., deverão tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6804769-0** (45) 20/10/2009
(73) NORDTECH MÁQUINAS E MOTORES LTDA (BR/PR) , NORDTECH MÁQUINAS E MOTORES LTDA (BR/PR)
(74) Carlos Eduardo Leme de Jesus
PAN de ofício: O Titular deverá tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestar no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6805125-5** (45) 27/10/2009
(73) Industrias Anhembi S/A (BR/SP)
(74) TINOCO SOARES & FILHO LTDA
PAN de ofício: O Titular deverá tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestar no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6805582-0** (45) 03/11/2009
(73) Creanova Universal Closures Ltd. (GB)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
PAN de ofício: O Titular deverá tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestar no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6901760-3** (45) 01/06/2010
(73) CAROL CHAMMAH (BR/SP)
(74) TAVARES & CAMARGO Consultores Associados
PAN de terceiros: O(s) Titular(es): CAROL CHAMMAH e Requerente(s): FULL FIT INDÚSTRIA IMPORTAÇÃO E COMÉRCIO LTDA. / Procurador(es): SUL AMÉRICA MARCAS E PATENTES LTDA. deverão tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6903050-2** (45) 01/02/2011
(73) Bericap do Brasil Ltda. (BR/SP)
(74) Bhering Advogados
PAN de terceiros: O(s) Titular(es): BERICAP DO BRASIL LTDA. e Requerente(s): PICOPLAST INDÚSTRIA E COMÉRCIO DE PLÁSTICOS LTDA. / Procurador(es): CRUZEIRO NEWMARC PATENTES E MARCAS LTDA., deverão tomar conhecimento do parecer técnico que concluiu pela manutenção do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6903291-2** (45) 01/03/2011
(73) Robert P.K. Leet (AU)
(74) BICUDO & SBORGIA PROP. INTELEC. LTDA
Conheço do processo administrativo de nulidade instaurado. Dou provimento ao requerido. Declaro nulo o registro de desenho industrial por infringência ao artigo 95 da LPI.

(11) **DI 6903509-1** (45) 29/06/2010
(73) Hermes Sellier (FR)
(74) ARTUR FRANCISCO SCHAAL
PAN de terceiros: O(s) Titular(es): HERMES SELLIER e Requerente(s): FRANCISCO ALEXSANDRO BATISTA SANTANA / Procurador(es): O PRÓPRIO, deverão tomar conhecimento do parecer técnico que concluiu pela nulidade do registro, para se manifestarem no prazo de sessenta dias. O parecer encontra-se disponibilizado para o titular através do e-mail corporativo cgrec.desenho inpi.gov.br

(11) **DI 6905106-2** (45) 14/09/2010
(73) Instituto Lina Bo e P.M. Bardi (BR/SP)
(74) MERCANTIL ASSESSORIA EM MARCAS E PATENTES S/C LTDA
Conheço do processo administrativo de nulidade instaurado. Dou provimento ao requerido. Declaro nulo o registro de desenho industrial por infringência ao artigo 95 da LPI.

Diretoria de Patentes - DIRPA

Tabela de Códigos de Despachos de Pedidos, Patentes (incluindo as de MI/DI expedidas na vigência da Lei 5772/71) e Certificados de Adição de Invenção

RPI 2243 de 31/12/2013

1. Pedido Internacional PCT/BR Designado ou Eleito

1.1 Publicação Internacional – PCT. Apresentação de petição de requerimento de entrada na fase nacional.
Comunicação da publicação internacional do pedido internacional nos termos do Tratado de Cooperação em matéria de Patentes – PCT e da apresentação de petição de requerimento de entrada na fase nacional. Documento publicado disponível no endereço eletrônico http://www.wipo.int/pct/en do sistema PATENTSCOPE® Search Service da Organização Mundial de Propriedade Intelectual – OMPI.

1.1.1 Retificação
Retificação da notificação da publicação internacional e da apresentação de petição de requerimento de entrada na fase nacional por ter sido efetuada com incorreção.

1.1.2 Publicação Anulada
Anulação da publicação da notificação da publicação internacional e da apresentação de petição de requerimento de entrada na fase nacional por ter sido indevida.

1.1.3 Republicação
Republicação da publicação da notificação da publicação internacional e da apresentação de petição de requerimento de entrada na fase nacional por ter sido efetuada com incorreção vida.

1.2 Notificação – Pedido Retirado – PCT
Notificação da retirada do pedido internacional de patente depositado nos termos do Tratado de Cooperação em Matéria de Patentes – PCT no Brasil por não terem sido cumpridas as determinações referentes à entrada na fase nacional disciplinadas nos artigos 22 (designação) ou 39 (eleição) do PCT. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

1.2.1 Publicação Anulada
Anulação da publicação da retirada do pedido por ter sido indevida.

1.2.2 Republicação
Republicação da publicação da retirada do pedido por ter sido efetuada com incorreção.

1.2.3 Decisão Anulada (**)
Anulação da decisão de retirada do pedido internacional por ter sido indevida.

1.3 Notificação - Fase Nacional - PCT
Notificação da entrada na fase nacional brasileira do pedido internacional de patente depositado nos termos do Tratado de Cooperação em Matéria de Patentes – PCT. O prazo para requerimento do pedido de exame, conforme art. 33 da Lei nº 9.279/96 – Lei da Propriedade Industrial – LPI, é de 36 (trinta e seis) meses contado da data do depósito internacional.

1.3.1 Retificação
Retificação da notificação de entrada na fase nacional – PCT por ter sido efetuada com incorreção.

1.3.2 Publicação Anulada
Anulação da publicação da notificação de entrada na fase nacional – PCT por ter sido indevida.

1.3.3 Republicação
Republicação da publicação da notificação de entrada na fase nacional – PCT por ter sido efetuada com incorreção.

1.3.4 Decisão Anulada (**)
Anulação da decisão da notificação de entrada na fase nacional por ter sido indevida.

1.4 Restabelecimento de Direto para Entrada na Fase Nacional do PCT concedido
Notificação da concessão de devolução de prazo para o restabelecimento de direito para entrada na fase nacional brasileira do pedido internacional depositado através do PCT conforme norma vigente.

1.4.1 Restabelecimento de Direto para Entrada na Fase Nacional do PCT negado
Notificação da negação de devolução de prazo para o restabelecimento de direito para entrada na fase nacional brasileira do pedido internacional depositado através do PCT conforme norma vigente. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

1.4.2 Publicação Anulada
Anulação da publicação da notificação da concessão de devolução de prazo para o restabelecimento de direito para entrada na fase nacional por ter sido indevida.

1.4.3 Republicação
Republicação da publicação de notificação da concessão de devolução de prazo para o restabelecimento de direito para entrada na fase nacional por ter sido efetuada com incorreção.

1.4.4 Decisão Anulada (**)
Anulação da decisão da concessão de devolução de prazo para o restabelecimento de direito para entrada na fase nacional por ter sido indevida.

1.5 Exigências Diversas
Suspensão do andamento de entrada na fase nacional brasileira do pedido internacional de patente depositado nos termos do Tratado de Cooperação em matéria de Patentes – PCT que, para sua instrução regular, aguardará, pelo prazo de 60 (sessenta) dias, o atendimento da exigência formulada. Caso a exigência não tenha sido explicitada no despacho na RPI, o interessado poderá obter o parecer através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer".

1.5.1 Publicação Anulada
Anulação da publicação da exigência por ter sido indevida.

1.5.2 Republicação
Republicação da publicação da exigência por ter sido efetuada com incorreção.

1.5.3 Exigência Anulada (**)
Anulação da exigência por ter sido indevida.

2. Depósito

2.1 Pedido de Patente ou Certificado de Adição de Invenção depositado
Pedido de Patente ou Certificado de adição de invenção protocolizado. O pedido será mantido em sigilo durante 18 (dezoito) meses a contar da data da prioridade mais antiga. Decorrido esse prazo, será publicado para conhecimento público. O depositante pode, porém, requerer a antecipação da publicação. O prazo de sigilo de 18 (dezoito) meses para o pedido de Certificado de Adição de Invenção é contado da data do depósito do pedido principal. Quando houver ocorrido a publicação do pedido principal, o pedido de Certificado de Adição de Invenção será imediatamente publicado. Os depósitos são designados de acordo com a natureza requerida: Invenção (PI), Modelo de Utilidade (MU) e Certificado de Adição de Invenção (C). Os pedidos depositados através do PCT são notificados no subitem 1.1.

2.4 Notificação de Depósito do Pedido Dividido - Art 26 inciso I da LPI

Notificação de pedido dividido de um pedido de patente depositado anteriormente. Em relação ao pedido original, o pedido dividido tem a mesma data de depósito e, se for o caso, o correspondente benefício da prioridade reivindicada. O pedido dividido é considerado como estando na mesma fase processual do pedido original.

2.5 Exigência - Art. 21 da LPI
O pedido protocolizado não atende formalmente ao disposto no art. 19 da LPI e / ou às demais disposições quanto à sua forma. Fica o requerente obrigado a sanar, em 30 (trinta) dias a contar desta data, as exigências estabelecidas. Caso a exigência não tenha sido explicitada no despacho da RPI, o depositante poderá obter o parecer através do endereço eletrônico www.inpi.gov.br - janela "*e*-Patentes". Não sendo a exigência cumprida com a apresentação da documentação correspondente no prazo acima, o depósito não será aceito e sua numeração será anulada conforme norma vigente.

2.6 Publicação Anulada
Anulada a publicação por ter sido indevida.

2.7 Republicação(*)
Republicação por ter sido efetuada com incorreção.

2.10 Requerimento de Pedido de Patente ou Certificado de Adição de Invenção
Notificação de requerimento de pedido de patente ou certificado de adição de invenção. Será realizado o exame formal a fim de verificação do Art. 19 da LPI e IN 17/2013.

3. Publicação do Pedido

3.1 Publicação do Pedido de Patente ou de Certificado de Adição de Invenção

Publicação do pedido depositado (Art. 30 da LPI), podendo ser adquirido no Banco de Patentes do Centro de Documentação e Informação Tecnológica do INPI - CEDIN - o folheto com o relatório descritivo, reivindicações, desenhos e resumo do pedido, por quem se interessar. Não sendo o exame requerido, pelo depositante ou qualquer interessado, no prazo de 36 (trinta e seis) meses do depósito, o pedido será arquivado. Publicado o arquivamento do pedido, poderá ser requerido, no prazo de 60 (sessenta) dias, o seu desarquivamento. Não sendo o requerido o desarquivamento no prazo anteriormente citado, o pedido será considerado definitivamente arquivado**.**

3.2 Publicação Antecipada
Publicação do pedido depositado, a requerimento do depositante. Aplicam-se as disposições do subitem 3.1.

3.6 Publicação do Pedido Arquivado Definitivamente - Art. 216 §2º e Art. 17 §2º da LPI
Publicação de pedido definitivamente arquivado devido à não apresentação de procuração ou devido à apresentação de um pedido posterior Encerrada a instância administrativa. Pode ser adquirido no Banco de Patentes do Centro de Documentação e Informação Tecnológica do INPI - CEDIN - o folheto com o relatório descritivo, reivindicações, desenhos e resumo do pedido.

3.7 Publicação Anulada
Anulação da publicação do pedido por ter sido indevida.

3.8 Retificação
Retificação da publicação do pedido por ter sido efetuada com incorreção que não impossibilita sua identificação. Tal publicação não implica na alteração da data de publicação do pedido de patente e nos prazos decorrentes da mesma.

4. Pedido de Exame

4.3 Desarquivamento - Art. 33 parágrafo único da LPI.
Desarquivado o pedido, arquivado por falta de pedido de exame (cf. item 11.1), para prosseguir seu andamento.

4.3.1 Publicação Anulada
Anulação da publicação do desarquivamento do pedido por ter sido indevida.

4.3.2 Republicação
Republicação da publicação do desarquivamento do pedido por ter sido efetuada com incorreção.

6.Exigências Técnicas e Formais

6.1 Exigência - Art. 36 da LPI
Suspensão do andamento do pedido de patente que, para instrução regular, aguardará o atendimento ou contestação das exigências formuladas. O depositante poderá obter o parecer através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer". A não manifestação do depositante no prazo de 90 (noventa) dias desta data acarretará o **arquivamento definitivo** do pedido.

6.6 Exigência - Art. 34 da LPI
Suspensão do andamento do pedido de patente para que sejam apresentados todos os documentos relativos às objeções, buscas de anterioridade e resultados de exame para concessão de pedido correspondente em outros países quando houver reivindicação de prioridade, documentos necessários à regularização do processo e exame do pedido, ou a tradução simples do documento hábil referido no § 2º do art. 16, caso esta tenha sido substituída pela declaração prevista no § 5º do mesmo artigo. Caso a exigência não tenha sido explicitada no despacho RPI, o depositante poderá obter o parecer através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer". A não manifestação do depositante no prazo de 60 (sessenta) dias desta data acarretará o arquivamento do pedido.

6.7 Outras Exigências
Outras exigências que não as especificadas nos subitens anteriores (6.1 e 6.6). Suspensão do andamento do pedido de patente que, para instrução regular da patente, aguardará pelo prazo de 60 (sessenta) dias o atendimento da exigência formulada. Caso a exigência não tenha sido explicitada no despacho da RPI, o depositante poderá obter o parecer através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer".

6.8 Exigência Anulada (**)
Anulação da exigência por ter sido indevida.

6.9 Publicação Anulada
Anulação da publicação da exigência por ter sido indevida.

6.10 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

7. Ciência de Parecer

7.1 Conhecimento de Parecer Técnico
Suspenso o andamento do pedido para que o depositante se manifeste, no prazo de 90 (noventa) dias desta data, quanto ao contido no parecer técnico. O parecer pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer". A não manifestação ou a manifestação considerada improcedente acarretará a manutenção do posicionamento técnico anterior.

7.2 Publicação Anulada
Anulada a publicação por ter sido indevida.

7.3 Republicação
Republicação por ter sido efetuada com incorreção.

7.4 Ciência relacionada com o Art. 229-C da LPI
Comunicação ao usuário de que o pedido esta sendo encaminhado para obtenção da anuência de que trata o Art. 229 da Lei no 9.279 de 14 de maio de 1996, conforme redação dada pela Lei nº 10.196, de 14 de fevereiro de 2001 que alterou a Lei no 9.279 de 14 de maio de 1996, considerando a aprovação dos termos do Parecer nº 337/PGF/EA/2010. O processo pode ser visualizado no endereço eletrônico www.inpi.gov.br - janela "*e*-vista".

7.5 Notificação de Anuência relacionada com o Art. 229-C da LPI
O pedido obteve anuência referente ao disposto no Art. 229 da Lei nº 9279 de 14 de maio de 1996, conforme redação dada pela Lei nº 10.196, de 14 de fevereiro de 2001 que alterou a Lei nº 9.279 de 14 de maio de 1996, considerando a aprovação dos termos do Parecer nº 337/PGF/EA/2010

7.6 Notificação de não Anuência relacionada com o Art. 229-C da LPI
O pedido não obteve anuência referente ao disposto no Art. 229 da Lei nº 9.279 de 14 de maio de 1996, conforme redação dada pela Lei nº 10.196, de 14 de fevereiro de 2001 que alterou a Lei nº 9.279 de 14 de maio de 1996, considerando a aprovação dos termos do Parecer nº 337/PGF/EA/2010

7.7 Notificação de devolução do pedido por não se enquadrar no Art. 229-C da LPI.
Notificação de devolução do pedido, por não se enquadrar no disposto no Art. 229 da Lei no 9.279 de 14 de maio de 1996, conforme redação dada pela Lei nº 10.196, de 14 de fevereiro de 2001 que alterou a Lei no 9.279 de 14 de maio de 1996.

8. Anuidade do Pedido

8.5 Exigência de Complementação da Retribuição Anual
O depositante deverá complementar, de acordo com a tabela vigente na data da complementação, o pagamento da retribuição especificada, por meio do formulário FQ002 acompanhado dos comprovantes dos pagamentos correspondentes ao cumprimento de exigência e a complementação da retribuição anual, no valor da retribuição adicional de que trata o art. 84º § 2º da LPI. O não cumprimento no prazo de 60 (sessenta) dias acarretará o arquivamento do pedido.

8.6 Arquivamento - Art. 86 da LPI
Arquivado o pedido por falta de pagamento da retribuição anual dentro do prazo ou por não cumprimento de exigência de complementação de pagamento da retribuição. Desta data corre o prazo de 3 (três) meses para o depositante requerer a restauração do andamento do pedido por meio do formulário modelo FQ002 acompanhado dos comprovantes referentes ao pagamento da restauração e conforme o caso: da cópia do pagamento correspondente a retribuição anual paga fora do prazo; do pagamento correspondente a retribuição anual em débito; ou do pagamento correspondente a complementação no valor da retribuição adicional de que trata o art. 84º § 2º da LPI.

8.7 Restauração
Notificação quanto à restauração do andamento do pedido.

8.8 Despacho Anulado (**)
Anulação do despacho por ter sido indevido.

8.9 Publicação Anulada
Anulada a publicação por ter sido indevida

8.10 Republicação
Republicação da publicação de qualquer um dos subitens por ter sido efetuada com incorreção.

8.11 Manutenção do Arquivamento
Mantido o arquivamento do pedido uma vez que não foi requerida a restauração nos termos do disposto no art. 87 da LPI, encerrando a instância administrativa.

8.12 Arquivamento Definitivo
Arquivamento definitivo do pedido e seus certificados se for o caso, por falta do pagamento em mais de uma retribuição anual nos prazos fixados conforme IN 113/2013 e nos Art. 84 e 86 da LPI, não se aplicando a hipótese de restauração prevista no artigo 87 da referida Lei.

9. Decisão

9.1 Deferimento
Deferido o pedido de patente. Desta data corre o prazo de 60 (sessenta) dias para o pagamento da retribuição para expedição da carta-patente conforme a Resolução 72/2013.
O pagamento desta retribuição poderá ainda ser efetuado dentro de 30 (trinta) dias subsequentes, independente de notificação na RPI mediante pagamento de retribuição específica. O não pagamento da retribuição nos prazos acima determinados acarretará o arquivamento definitivo do pedido.

9.1.1 Decisão Anulada (**)
Anulação da decisão de deferimento por ter sido indevida.

9.1.2 Publicação Anulada
Anulada a publicação de deferimento por ter sido indevida.

9.1.3 Republicação
Republicação da publicação de deferimento por ter sido efetuada com incorreção.

9.1.4 Retificação
Retificação da publicação de deferimento por ter sido efetuada com incorreção. Tal publicação não implica na alteração da data do deferimento e nos prazos decorrentes da mesma.

9.2 Indeferimento
Indeferido o pedido por não atender aos requisitos legais, conforme parecer técnico que pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer". Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do depositante. No caso de pedido de certificado de adição indeferido por não ter o mesmo conceito inventivo, o depositante poderá, no prazo de recurso, requerer a sua transformação em pedido de patente de invenção ou modelo de utilidade, nos termos do Art. 76 § 4º da LPI.

9.2.1 Decisão Anulada (**)
Anulação da decisão de indeferimento do pedido por ter sido indevida.

9.2.2 Publicação Anulada
Anulada a publicação de indeferimento por ter sido indevida.

9.2.3 Republicação
Republicação da publicação de indeferimento por ter sido efetuada com incorreção.

9.2.4 Manutenção do Indeferimento
Mantido o indeferimento uma vez que não foi apresentado recurso dentro do prazo legal.

9.2.4.1 Publicação Anulada
Anulada a publicação da manutenção do indeferimento por ter sido indevida

10. Desistência

10.1 Desistência Homologada
Notificação da homologação da desistência do pedido de patente, apresentada pelo depositante, acarretando o encerramento do processo administrativo.

10.5 Desistência não Homologada
Notificação da não homologação da desistência do pedido de patente.

10.6 Despacho Anulado (**)
Anulação do despacho por ter sido indevido.

10.7 Publicação Anulada
Anulada a publicação por ter sido indevida

10.8 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

10.9 Retirada Homologada Art. 29 § 1º da LPI
Notificação de homologação da retirada do pedido de patente, solicitada pelo depositante.

10.9.1 Retirada Não Homologada Art. 29 § 1º da LPI
Notificação de não homologação da retirada do pedido de patente.

11. Arquivamento

11.1 Arquivamento - Art. 33 da LPI
Arquivado o pedido uma vez que não foi requerido o pedido de exame no prazo previsto no Art. 33 da LPI. Desta data corre o prazo de 60 (sessenta) dias para o depositante requerer o desarquivamento, através do formulário FQ002, mediante pagamento da retribuição específica de desarquivamento e do pagamento do pedido de exame sob pena de arquivamento definitivo.

11.1.1 Arquivamento definitivo - Art. 33 da LPI
Arquivado definitivamente o pedido uma vez que não foi requerido o desarquivamento.

11.2 Arquivamento - Art. 36 §1° da LPI
Arquivado definitivamente o pedido de patente, uma vez que não foi respondida a exigência formulada.

11.4 Arquivamento - Art. 38 § 2° da LPI
Arquivado definitivamente o pedido de patente, uma vez que não foi comprovado o pagamento da retribuição de expedição da carta-patente.

11.5 Arquivamento - Art. 34 da LPI
Arquivado o pedido, uma vez que não foram atendidas as exigências previstas no Art. 34 da LPI. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

11.6 Arquivamento do Pedido-Art. 216 §2° da LPI
Arquivado definitivamente o pedido de patente, uma vez que não foi apresentada a procuração devida no prazo de 60 (sessenta) dias contados da prática do primeiro ato da parte no processo.

11.6.1 Arquivamento da Petição-Art. 216 §2º da LPI
Arquivada a petição, uma vez que não foi apresentada a procuração devida no prazo de 60 (sessenta) dias contados da prática do ato. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

11.11 Arquivamento - Art. 17 § 2º da LPI
Arquivado definitivamente o pedido de patente, uma vez que foi efetuado depósito posterior nos termos do Art. 17 § 2º da LPI.

11.12 Art. 26 parágrafo único da LPI
Arquivado o pedido, uma vez que o requerimento de divisão está em desacordo com o disposto no Art. 26 da LPI. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso ao depositante.

11.13 Despacho Anulado (**)
Anulação do despacho de arquivamento do pedido por ter sido indevido.

11.14 Publicação Anulada
Anulada a publicação de arquivamento do pedido por ter sido indevida.

11.15 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

11.16 Restauração
Notificação quanto à restauração do andamento do pedido.

11.17 Arquivamento do pedido de Certificado de Adição de Invenção – Art. 77 da LPI
Arquivado o pedido de Certificado de Adição de Invenção uma vez que não há uma patente de invenção da qual o mesmo possa ser acessório.
Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do depositante.

12. Recurso

12.2 Recurso Contra o Indeferimento
Notificação de interposição de recurso ao Presidente do INPI contra o indeferimento do pedido de patente ou do certificado de adição de invenção, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para apresentação de contra-razões por qualquer interessado. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

12.3 Recurso Contra o Arquivamento
Notificação de interposição de recurso ao Presidente do INPI contra o arquivamento do pedido de patente, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para apresentação de contra-razões por qualquer interessado. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

12.6 Outros Recursos
Notificação de interposição de recurso ao Presidente do INPI contra a decisão proferida pela DIRPA, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para apresentação de contra-razões por qualquer interessado. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

12.7 Publicação Anulada
Anulada a publicação de notificação do recurso por ter sido indevida.

12.8 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

15. Outros Referentes a Pedidos

15.7 Petição Não Conhecida
Não conhecimento da petição apresentada em virtude do disposto nos Arts. 218 ou 219 da LPI.

15.8 Petição Sustada
Sustado o conhecimento da petição para aguardar providências necessárias ao seu conhecimento.

15.9 Perda de Prioridade
Perda da prioridade reivindicada por não atender às disposições previstas no artigo 16 § 7º da LPI.

15.10 Mudança de Natureza
Mudada a natureza e alterado o número do pedido.

15.11 Alteração de Classificação
Alterada a classificação do pedido para melhor adequação.

15.12 Renumeração
Alterada a numeração por ter sido numerado indevidamente.

15.14 Notificação de Decisão Judicial
Notificação de decisão judicial referente ao pedido.

15.21 Numeração Anulada
Anulada a numeração do pedido de patente ou certificado de adição de invenção. A documentação ficará a disposição do depositante ou seu procurador pelo prazo de 180 dias desta publicação. A documentação não retirada será descartada.

15.22 Devolução de Prazo Concedida
Notificação de devolução de prazo uma vez que não foi possível ciência ao interessado diretamente no processo. Desta data corre o prazo adicional concedido no despacho. O prazo será de, no mínimo 15 (quinze) dias e, no máximo, o prazo legal dos atos correspondentes (Art. 221 da LPI e IN 17/2013 item 12).

15.22.1 Devolução de Prazo Negada
Negada a solicitação de devolução de prazo uma vez que não ficou comprovada a justa causa conforme definida no Art. 221 da LPI. A cópia do parecer poderá ser obtida através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer". Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

15.23 Pedido "SUB JUDICE"
Notificação de ação judicial referente a pedido.

15.24 Notificação de requerimento de exame prioritário de pedido de patente.
O exame prioritário do pedido de patente só será iniciado após ter sido atendido o disposto no parágrafo único do art. 31 da LPI e nos arts. 33 e 84 da LPI, bem como transcorridos 24 meses da data de seu depósito, para garantir que todos os pedidosde patente depositados com data anterior já tenham sido publicados.

15.24.1 Notificação de exame prioritário, de Ofício, de pedido de patente.
O exame prioritário do pedido de patente só será iniciado após ter sido atendido o disposto no parágrafo único do art. 31 da LPI e nos arts. 33 e 84 da LPI, bem como transcorridos 24 meses da data de seu depósito, para garantir que todos os pedidos de patente depositados com data anterior já tenham sido publicados.

15.24.2 Concedido o exame prioritário do pedido de patente
Concedido o exame prioritário do pedido de patente uma vez que o requerimento apresentado atende ao disposto na Resolução INPI nº 68/2013 e na Resolução INPI nº 080/2013.

15.24.3 Negado o exame prioritário do pedido de patente
Negado o exame prioritário do pedido de patente uma vez que o requerimento apresentado não atende ao disposto na Resolução INPI nº 68/2013 e na Resolução INPI nº 080/2013.

15.30 Publicação Anulada
Anulada a publicação de qualquer um dos subitens anteriores por ter sido indevida.

15.31 Despacho Anulado (**)
Anulação do despacho referente a qualquer um dos subitens anteriores por ter sido indevido.

15.32 Decisão Anulada (**)
Anulação da decisão referente a qualquer um dos subitens anteriores por ter sido indevida.

15.33 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

16. Concessão de Patente ou Certificado de Adição de Invenção

16.1 Concessão de Patente ou Certificado de Adição de Invenção
Expedição da carta-patente ou do certificado de adição de invenção. O título acha-se à disposição do interessado no setor competente do INPI. Desta data corre o prazo de 6 (seis) meses para interposição de nulidade administrativa por qualquer interessado (Art. 51 da LPI).O certificado de adição é acessório da patente, tem a data final de vigência desta e a acompanha para todos os efeitos legais.
Para acessar Cartas Patentes ou Certificados de Adição de Invenção concedidos de acordo com o Artigo 38 da Lei 9.279/96, por ocasião da expedição da Carta Patente, através do endereço eletrônico www.inpi.gov.br - janela "*e*-carta".

16.2 Publicação Anulada
Anulada a publicação da concessão por ter sido indevida.

16.3 Retificação
Retificação da publicação da concessão da patente por ter sido efetuada com incorreção que não impossibilita sua identificação. Tal publicação não implica na alteração da data de publicação da concessão da patente e nos prazos decorrentes da mesma.

16.4 Concessão Anulada
Anulada a concessão da patente por ter sido indevida.

17.Nulidade Administrativa

17.1 Notificação de Interposição de Nulidade Administrativa
Notificação, ao titular da patente, de instauração de processo administrativo de nulidade. Desta data corre o prazo de 60 (sessenta) dias para eventual contestação do titular (Art. 52 da LPI). Poderá ser requerida cópia do processo de nulidade através do formulário modelo FQ005.

17.2 Publicação Anulada
Anulação da publicação de notificação da instauração de processo administrativo de nulidade por ter sido indevida.

17.3 Republicação
Republicação da publicação de notificação da instauração de processo administrativo de nulidade por ter sido efetuada com incorreção.

18. Caducidade

18.1 Notificação de Pedido de Caducidade
Notificação, ao titular da patente, da instauração do processo de caducidade por falta de exploração por requerimento de terceiros e/ou de ofício. Poderá ser requerida cópia do processo de caducidade através do formulário modelo FQ005.

18.3 Caducidade Deferida
Declarada a caducidade da patente por falta de exploração. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do titular (Art. 212 da LPI). A decisão da caducidade produzirá efeitos a partir da data do requerimento ou da publicação da instauração de ofício do processo. O parecer pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer".

18.4 Caducidade Indeferida
Denegado o pedido de caducidade da patente. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado (Art. 212 da LPI). O parecer pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer".

18.5 Recurso contra o Deferimento da Caducidade
Interposição de recurso ao Presidente do INPI contra o deferimento do pedido de caducidade, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para eventual contestação do interessado. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

18.6 Recurso contra o Indeferimento da Caducidade
Interposição de recurso ao Presidente do INPI contra o indeferimento do pedido de caducidade, objetivando o reexame da matéria. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

18.10 Desistência de Caducidade
Notificação de desistência do pedido de caducidade.

18.11 Decisão Anulada (**)
Anulação da decisão da caducidade por ter sido indevida.

18.12 Publicação Anulada
Anulada a publicação de qualquer um dos subitens anteriores por ter sido indevida.

18.13 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

19. Notificação de Decisão Judicial

19.1 Notificação de Decisão Judicial
Comunicação de decisão judicial referente à patente.

19.2 Publicação Anulada
Anulada a publicação de comunicação de decisão judicial por ter sido indevida.

19.3 Retificação
Retificação da publicação de comunicação de decisão judicial ter sido efetuada com incorreção.

21. Extinção de Patente e Certificado de Adição de Invenção

21.1 Extinção - Art. 78 inciso I da LPI
Notificação da extinção da patente e seus certificados, se for o caso, pela expiração do prazo de vigência de proteção legal.

21.2 Extinção - Art 78 inciso II da LPI
Notificação da extinção da patente e seus certificados, se for o caso, pela homologação da renúncia apresentada pelo seu titular. Homologada a renúncia, a patente será considerada extinta na data da apresentação da renúncia.

21.6 Extinção da patente para fins da restauração nos termos do art. 87 da LPI.
Extinção da patente por falta de pagamento da retribuição anual, por pagamento da retribuição anual fora do prazo ou por não cumprimento de exigência de complementação de pagamento da retribuição anual. Desta data corre o prazo de 3 (três) meses para o titular requerer a restauração da patente. A restauração deve ser requerida por meio do formulário FQ002, acompanhado dos comprovantes dos pagamentos correspondentes à restauração e a retribuição anual ou sua complementação no valor da retribuição adicional de que trata o art. 84º § 2º da LPI, sob pena da manutenção da extinção de acordo com o disposto no inciso IV do art. 78 da LPI.

21.7 Extinção - Art. 78 inciso V da LPI
Notificação da extinção da patente e seus certificados, se for o caso, uma vez que após solicitação do INPI o titular deixou de comprovar a obrigação decorrente do Art. 217 da LPI.

21.8 Despacho Anulado (**)
Anulação do despacho da extinção da patente por ter sido indevido.

21.9 Publicação Anulada
Anulada a publicação de qualquer um dos subitens anteriores por ter sido indevida.

21.10 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

22. Outros Referentes a Patentes e Certificados de Adição de Invenção

22.2 Petição Não Conhecida
Não conhecimento da petição apresentada em virtude do disposto nos Arts. 218 ou 219 da LPI.

22.3 Petição Sustada
Sustado o conhecimento da petição para aguardar providências necessárias ao seu conhecimento.

22.4 Pedido de Licença Compulsória Para Exploração de Patente
Notificação de requerimento de licença compulsória para exploração da patente e seus certificados, se for o caso, face ao disposto no Art. 68 da LPI. Desta data corre o prazo de 60 (sessenta) dias para manifestação do titular. Ver publicação correspondente na seção da Diretoria de Transferência de Tecnologia.

22.5 Exigências Diversas
Formulada exigência para adequação ou cumprimento de disposições legais no prazo de 60 (sessenta) dias desta data. Caso a exigência não tenha sido explicitada no despacho da RPI, o parecer pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "e-parecer".

22.10 Outros Recursos
Notificação de interposição de recurso ao Presidente do INPI contra a decisão proferida pela DIRPA, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para eventual contestação do interessado. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

22.11 Devolução de Prazo
Notificação de devolução de prazo uma vez que não foi possível ciência ao interessado diretamente no processo. Desta data corre o prazo adicional concedido no despacho. O prazo será de, no mínimo 15 (quinze) dias e, no máximo, o prazo legal dos atos correspondentes (Art. 221 da LPI e IN 17/2013).

22.12 Oferta de Licença de Patente
Notificação de oferta de licença (ou renovação da mesma) para exploração da patente (Art. 64 § 1º da LPI). O interessado poderá obter cópia na íntegra das condições contratuais oferecidas pelo titular (IN 17/2013 item 8), mediante solicitação através do formulário modelo FQ005.

22.13 Desistência da Oferta de Licença
Notificação da desistência da oferta de licença pelo titular (Art. 64 § 4º).

22.14 Arquivamento da Petição-Art. 216 §2º da LPI
Arquivada a petição, uma vez que não foi apresentada a procuração devida no prazo de 60 (sessenta) dias contados da prática do ato. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

22.15 Patente "SUB JUDICE"
Notificação de ação judicial referente a patente.

22.20 Publicação Anulada
Anulada a publicação de qualquer um dos subitens anteriores por ter sido indevida.

22.21 Despacho Anulado (**)
Anulação do despacho referente a qualquer um dos subitens anteriores por ter sido indevido.

22.22 Decisão Anulada (**)
Anulação da decisão referente a qualquer um dos subitens anteriores por ter sido indevida.

22.23 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

23. Processamento de Pedidos Segundo Artigos 230 e 231 da Lei 9279/96

23.1 Notificação de Pedido Depositado

23.1.1 Notificação de Depósito de Pedido Dividido
Notificação de pedido dividido de um pedido depositado anteriormente. Em relação ao pedido original, o pedido dividido tem a mesma data de depósito. O pedido dividido é considerado como estando na mesma fase processual do pedido original.

23.2 Exigência
Suspenso andamento do pedido que,para instrução regular, aguardará o atendimento da exigência formulada em 90 (noventa) dias, desta data

23.3 Publicação do Pedido para Manifestação de Terceiros
Publicado o pedido uma vez que já foi apresentada a declaração de não comercialização até a data do depósito. Desta data corre o prazo de 90 (noventa) dias para apresentação, por qualquer interessado, de manifestação quanto ao atendimento ao disposto no caput do art. 230 da Lei 9279/96.

23.4 Notificação para Contestação do Depositante

23.5 Anuidade

23.6 Arquivamento

23.7 Denegação do Pedido

23.8 Recurso

23.9 Expedição da Patente

23.10 Publicação Anulada

23.11 Republicação

23.12 Retificação

23.13 Deferimento
Deferido o pedido. Desta data corre o prazo de 60 (sessenta) dias para o pagamento da retribuição para expedição da carta-patente. O pagamento desta retribuição, poderá ainda ser efetuado dentro dos 30 (trinta) dias subsequentes, independente de notificação da RPI. O não pagamento e sua comprovação nos prazos acima acarretará o arquivamento definitivo do pedido.

23.14 Decisão Anulada

23.15 Expedição Anulada

23.16 Outros

23.17 Ciência Relacionada com o Art. 229 da LPI
O exame técnico concluiu que o pedido atende aos requisitos estabelecidos pelos artigos 229 a 231 da LPI. O deferimento do mesmo está condicionado à obtenção da anuência de que trata o art. 229 da LPI da Lei 9.279/96, conforme redação dada pela Lei 10.196/2001

23.18 Notificação de Interposição de Nulidade Administrativa
Notificação ao titular da patente, de instauração de processo administrativo de nulidade. Desta data corre o prazo de 60 (sessenta) dias para eventual contestação do titular (Art. 52 da LPI). Poderá ser requerida cópia do processo de nulidade através do formulário modelo FQ005.

23.19 Extinção – Art. 78 da LPI
Notificação da extinção da patente pipeline pela expiração do prazo de vigência de proteção legal.

24. Anuidade de Patente

24.2 Exigência de Complementação da Retribuição Anual
O titular deverá complementar, de acordo com a tabela vigente na data da complementação, o recolhimento da retribuição anual especificada, por meio do formulário modelo FQ002 acompanhado dos comprovantes dos pagamentos correspondentes ao cumprimento da exigência e a complementação da retribuição anual no valor da retribuição adicional de que trata o art. 84º § 2º da LPI. O não cumprimento no prazo de 60 (sessenta) dias acarretará a extinção da patente nos termos do no art. 87 da LPI.

24.4 Restauração
Notificação quanto à restauração da patente.

24.5 Despacho Anulado (**)
Anulação do despacho referente a qualquer um dos subitens por ter sido indevido.

24.6 Publicação Anulada
Anulação da publicação referente a qualquer um dos subitens por ter sido indevida.

24.7 Republicação
Republicação da publicação de qualquer um dos subitens por ter sido efetuada com incorreção.

24.8 Extinção Definitiva - Art. 78 inciso IV da LPI
Extinção definitiva da patente e seus certificados se for o caso, por falta do pagamento em mais de uma retribuição anual nos prazos fixados conforme IN 113/2013 e nos Art. 84 e 86 da LPI, não se aplicando a hipótese de restauração prevista no artigo 87 da referida Lei.

24.10 Manutenção da Extinção - Art. 78 inciso IV da LPI
Mantida a extinção da patente e seus certificados, se for o caso, uma vez que não foi requerida a restauração nos termos do disposto no art. 87 da LPI, encerrando a instância administrativa. A patente é considerada extinta na data final do prazo legal (nove meses) do primeiro pagamento devido que deixou de ser efetuado.

25. Anotação de Alteração de nome e/ou sede, de Transferência e de Limitação ou Ônus de Pedido, Patente e Certificado de Adição de Invenção.

25.1 Transferência Deferida
Notificação do deferimento da transferência requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

25.2 Transferência Indeferida
Notificação do indeferimento da transferência requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

25.3 Transferência em Exigência
Exigência referente ao pedido de transferência requerida. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da transferência.

25.4 Alteração de Nome Deferida
Notificação do deferimento da alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

25.5 Alteração de Nome Indeferida
Notificação do indeferimento da alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

25.6 Alteração de Nome em Exigência
Exigência referente ao pedido de alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

25.7 Alteração de Sede Deferida
Notificação do deferimento da alteração de Sede requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

25.8 Alteração de Sede Indeferida
Notificação do indeferimento da alteração de Sede requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

25.9 Alteração de Sede em Exigência
Exigência referente ao pedido de alteração de Sede requerida. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

25.10 Despacho Anulado (**)
Anulação do despacho referente a qualquer um dos subitens anteriores por ter sido indevido.

25.11 Republicação
Republicação da publicação de qualquer um dos subitens anteriores por ter sido indevida.

25.12 Publicação Anulada
Anulada a publicação de qualquer um dos subitens anteriores por ter sido efetuada com incorreção.

25.13 Anotação de Limitação ou Ônus
Notificação referente à anotação de limitação ou ônus conforme indicado no complemento

26. Opinião Preliminar sobre a Patenteabilidade - Programa Piloto.

26.1 – Pedido Apto
Comunicação ao depositante que o pedido está apto a participar do Programa Piloto de Opinião Preliminar sobre a Patenteabilidade.

26.2 – Pedido Irregular
Comunicação ao depositante que o pedido não está apto a participar do Programa Piloto de Opinião Preliminar sobre a Patenteabilidade.

26.3 – Pedido Excedente
Comunicação ao depositante que o pedido excedeu o limite de vagas no Programa Piloto de Opinião Preliminar sobre a Patenteabilidade.

26.4 – Opinião Preliminar sobre a Patenteabilidade
Comunicação ao depositante da "Opinião Preliminar sobre a Patenteabilidade".

26.5 – Republicação
Republicação da publicação por ter sido efetuada com incorreções.

26.6 – Retificação
Retificação da publicação por ter sido efetuada com incorreção que não impossibilita sua identificação. Tal publicação não implica em alteração da data de publicação e nos prazos decorrentes da mesma.

26.7 – Publicação anulada
Anulada a publicação por ter sido indevida.

27. Patentes Verdes – Programa Piloto.

27.1 Notificação de Solicitação para Participação no Programa de Patentes Verdes

27.2 Solicitação Concedida
O pedido está apto a participar do Programa de Patentes Verdes.

27.3 Solicitação Negada
O pedido não está apto a participar do Programa de Patentes Verdes. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

27.4 Solicitação Excedente
O pedido excedeu o limite das solicitações concedidas no Programa de Patentes Verdes.

27.5 Republicação
Republicação da publicação por ter sido efetuada com incorreções.

27.6 Retificação
Retificação da publicação por ter sido efetuada com incorreção que não impossibilita sua identificação. Tal publicação não implica em alteração da data de publicação e nos prazos decorrentes da mesma.

27.7 Publicação Anulada
Anulada a publicação por ter sido indevida.

PR. INPI - Presidência

Nulidade Administrativa - Intimação para Manifestação
Notificação ao titular da patente e ao requerente da nulidade, da emissão de parecer do INPI para manifestação. A manifestação deverá ser apresentada no prazo de 60(sessenta) dias, desta data após o que o processo será decidido. O parecer pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer".

Nulidade Administrativa - Decisão
A decisão da nulidade encerra a instância administrativa.

Recurso – Exigência

Recurso - Exigência - Art. 214 da LPI
Formulada exigência para complementação das razões oferecidas a título de recurso no prazo de 60 (sessenta) dias desta data. Havendo ou não manifestação sobre a exigência dar-se-á prosseguimento ao exame do recurso. Caso a exigência não tenha sido explicitada no despacho da RPI, O parecer pode ser obtido através do endereço eletrônico www.inpi.gov.br - janela "*e*-parecer".

Recurso - Decisão
A decisão do recurso é final e irrecorrível na esfera administrativa.

Considerações Finais

Solicitação de Cópias:

1 - Os pedidos de fotocópias podem ser solicitados na sede do INPI/RJ ou nas delegacias e representações do INPI constantes da primeira página da RPI.

(*) Quando a republicação se referir a item de publicação que envolva o prazo para tomada de providências, o prazo contar-se-á a partir da data da republicação.

(**) A toda publicação que envolva anulação de ato ou despacho caberá justificativa no processo adminstrativo.

Códigos para Identificação de Dados Bibliográficos (INID)

(11) Número da Patente

(21) Número do Pedido
(22) Data do Depósito

(30) Dados da Prioridade Unionista (data de depósito, país, número)
(43) Data da Publicação do Pedido

(45) Data da Concessão da Patente/Certificado de Adição de Invenção
(51) Classificação Internacional

(54) Título
(57) Resumo
(61) Dados do Pedido ou patente principal do qual o presente é uma adição (número e data de depósito)
(62) Dados do pedido original do qual o presente é uma divisão (número e dadta de depósito)

(66) Dados da Prioridade Interna (número e data de depósito)
(71) Nome do Depositante
(72) Nome do Inventor
(73) Nome do Titular
(74) Nome do Procurador
(81) Países Designados
(85) Data do Início da Fase Nacional
(86) Número, Idioma e Data do Depósito Internacional
(87) Número, Idioma e Data da Publicação Internacional

Diretoria de Patentes - DIRPA
Tabela de Códigos de Despachos de Pedidos e Patentes (incluindo as de MI/DI expedidas na vigência da LEI 5772/71)
Período de Transição - LEI 5772/71 (CPI)

RPI 2243 de 31/12/2013

11.30 Arquivamento Definitivo – Art. 18 § 1º da Lei 5772/71
Notificação da **retirada definitiva** do pedido de patente uma vez que não foi requerido o pedido de exame no prazo previsto pelo Art 18 § 1º, tendo o prazo expirado na vigência da Lei 5772/71.

11.31 Arquivamento Definitivo - Falta de Cumprimento de Exigência
Notificação do **arquivamento definitivo** do pedido uma vez que não houve manifestação do depositante quanto à exigência formal; exigência técnica ou exigência referente ao Art. 20, tendo o prazo de cumprimento expirado na vigência da Lei 5772/71.

12.1 Recurso Contra o Deferimento
Notificação de recurso, interposto na vigência da Lei 5772/71, contra o deferimento do pedido de patente, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para eventual contestação do depositante. Poderá ser requerida cópia do recurso através do formulário modelo FQ005.

13.1 Notificação para Pagamento da Retribuição Relativa à Expedição da Carta-Patente dos Pedidos Deferidos na Vigência da Lei 5772/71
Desta data corre o prazo de 60 (sessenta) dias para o pagamento e comprovação de retribuição para expedição da carta-patente. O não pagamento e sua comprovação no prazo acima determinado acarretará o **arquivamento definitivo** do pedido.

13.2 Publicação Anulada
Anulação da publicação de notificação para recolhimento por ter sido indevida.

15.1 Arquivamento do Pedido de Patente por Comprovação e Recolhimento Intempestivo de Anuidade - AN 082/86 item 4.1
Notificação do arquivamento automático do pedido de patente, ocorrido durante a vigência da Lei 5772/71, por intempestividade de comprovação e recolhimento de anuidade. Desta data corre o prazo de 60 (sessenta) dias para o depositante requerer a restauração do andamento do pedido através do formulário modelo 1.02, com o recolhimento correspondente à restauração.

15.2 Arquivamento do Pedido de Patente por Comprovação Intempestiva de Anuidade - AN 082/86 item 4.1
Notificação do arquivamento automático do pedido de patente, ocorrido durante a vigência da Lei 5772/71, por intempestividade de comprovação de anuidade. Desta data corre o prazo de 60 (sessenta) dias para o depositante requerer a restauração do andamento do pedido através do formulário modelo FQ002, com o recolhimento correspondente à restauração.

15.3 Arquivamento do Pedido de Patente por Falta de Comprovação e Recolhimento de Anuidade - AN 082/86 item 4.1
Notificação do arquivamento automático do pedido de patente, ocorrido durante a vigência da Lei 5772/71, por falta de comprovação e recolhimento de anuidade. Desta data corre o prazo de 60 (sessenta) dias para o depositante requerer a restauração do andamento do pedido através do formulário modelo FQ002, com o recolhimento correspondente à restauração, devendo anexar a guia de recolhimento referente à anuidade devida. No caso de arquivamento indevido, o depositante deverá, no prazo acima, apresentar o comprovante de recolhimento tempestivo, através do formulário modelo FQ002, isento de retribuição.

15.3.1 Aquivamento do pedido de patente de Modelo ou Desenho Industrial por falta de recolhimento de anuidade/comprovação – AN 082/86 item 4.1
Notificação do arquivamento automático do pedido de patente, ocorrido durante a vigência da Lei 5772/71, por falta de recolhimento/comprovação de anuidade. Desta data corre o prazo de 60 (sessenta) dias para o depositante requerer a restauração do andamento do pedido através do formulário FQ002, com o recolhimento correspondente à restauração, não sendo necessário o recolhimento da(s) anuidade(s). No caso de arquivamento indevido, o depositante deverá, no prazo acima, apresentar o comprovante do recolhimento tempestivo através do formulário modelo FQ002, isento de retribuição.

15.4 Arquivamento do Pedido de Patente por Falta de Comprovação e Recolhimento de Anuidade e Comprovação e Recolhimento Intempestivo de Anuidade - AN 082/86 item 4.1
Notificação do arquivamento automático do pedido de patente, ocorrido durante a vigência da Lei 5772/71, por falta e por intempestividade de comprovação e recolhimento de anuidade. Desta data corre o prazo de 60 (sessenta) dias para o depositante requerer a restauração do andamento do pedido através do formulário modelo FQ002, com o recolhimento correspondente à restauração, devendo anexar a guia de recolhimento referente à anuidade devida. No caso de arquivamento indevido, o depositante deverá, no prazo acima, apresentar o comprovante de comprovação e recolhimento tempestivo, através do formulário modelo FQ002, isento de retribuição.

15.13 Extinção da Garantia de Prioridade
Notificação da extinção da garantia de prioridade por não ter sido requerido o privilégio dentro dos prazos previstos no Art 7º da Lei 5772/71.

18.2 Caducidade - Art 50 da Lei 5772/71
Notificação de caducidade automática da patente por não ter sido efetuada a comprovação do pagamento da respectiva anuidade no prazo legal encerrado na vigência da Lei 5772/71.

MDIC - MINISTÉRIO DO DESENVOLVIMENTO, INDÚSTRIA E COMÉRCIO EXTERIOR

Recurso - Interposição
Notificação de interposição, na vigência da Lei 5772/71, de recurso ao Ministro do Desenvolvimento, Indústria e Comércio Exterior contra a decisão proferida pelo Presidente do INPI, objetivando o reexame da matéria.

Recurso - Decisão
A decisão do recurso, interposto na vigência da Lei 5772/71, pelo Ministério do Desenvolvimento, Indústria e Comércio Exterior encerra a instância administrativa..

DIRETORIA DE PATENTES - DIRPA

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BR 102012028018-3	2.1	249
BR 102012028025-6	2.1	249
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PI 0210989-1	7.1	**258**	PI 0408001-7	9.2.4	**265**	PI 0616709-8	25.4	**301**	PI 0716828-4	11.1	**277**	PI 0718202-3	11.1	**279**
PI 0211024-5	16.1	**295**	PI 0408217-6	6.1	**258**	PI 0618903-2	25.1	**299**	PI 0716831-4	11.1	**277**	PI 0718219-8	11.1	**279**
PI 0211258-2	7.4	**260**	PI 0408382-2	7.1	**259**	PI 0618905-9	25.1	**299**	PI 0716861-6	11.1	**277**	PI 0718220-1	11.1	**279**
PI 0212752-0	9.1	**260**	PI 0408562-0	9.2.4	**265**	PI 0619620-9	25.4	**301**	PI 0716873-0	11.1	**277**	PI 0718221-0	11.1	**279**
PI 0212884-5	9.2	**262**	PI 0408983-9	25.4	**300**	PI 0619758-2	15.24.2	**294**	PI 0716881-0	11.1	**277**	PI 0718221-0	25.1	**299**
PI 0213426-8	16.1	**295**	PI 0409154-0	9.1	**261**	PI 0620724-3	11.1	**275**	PI 0716883-7	11.1	**277**	PI 0718223-6	11.1	**279**
PI 0213652-0	16.1	**295**	PI 0409195-7	9.1	**261**	PI 0621207-7	25.6	**301**	PI 0716888-8	11.1	**277**	PI 0718231-7	11.1	**279**
PI 0213764-0	7.1	**258**	PI 0409259-7	16.1	**297**	PI 0622249-8	1.1	**242**	PI 0716905-1	11.1	**277**	PI 0718236-8	11.1	**279**
PI 0213837-9	7.1	**258**	PI 0409272-4	9.1	**261**	PI 0622420-2	1.1	**242**	PI 0716914-0	11.1	**277**	PI 0718269-4	11.1	**279**
PI 0214381-0	9.1	**261**	PI 0409458-1	7.1	**259**	PI 0622429-6	1.1	**242**	PI 0716918-3	11.1	**277**	PI 0718288-0	11.1	**279**
PI 0215077-8	9.1	**261**	PI 0409489-1	7.1	**259**	PI 0700584-9	15.24.3	**294**	PI 0716921-3	11.1	**277**	PI 0718291-0	11.1	**279**
PI 0215637-7	1.1	**241**	PI 0409527-8	9.1	**261**	PI 0700789-2	6.1	**258**	PI 0716926-4	11.1	**277**	PI 0718294-5	25.4	**301**
PI 0215669-5	9.1	**261**	PI 0409546-4	6.1	**258**	PI 0702836-9	25.4	**301**	PI 0716929-9	15.7	**293**	PI 0718314-3	25.1	**299**
PI 0300046-0	16.1	**296**	PI 0409569-3	25.4	**300**	PI 0702858-0	25.4	**301**	PI 0716945-0	11.1	**277**	PI 0718323-2	11.1	**279**
PI 0300335-3	9.2.4	**265**	PI 0409672-0	6.1	**258**	PI 0703563-2	25.4	**301**	PI 0716979-5	11.1	**277**	PI 0718336-4	11.1	**279**
PI 0300369-8	16.1	**296**	PI 0410024-7	16.1	**297**	PI 0703631-0	25.4	**301**	PI 0716995-7	11.1	**277**	PI 0718338-0	25.3	**299**
PI 0300978-5	9.1	**261**	PI 0410027-1	15.11	**294**	PI 0707356-9	6.8	**258**	PI 0717003-3	11.1	**277**	PI 0718346-1	25.4	**301**
PI 0302416-4	16.1	**296**	PI 0410040-9	6.1	**258**	PI 0709905-3	1.3	**41**	PI 0717028-9	11.1	**277**	PI 0718350-0	25.1	**299**
PI 0302581-0	25.4	**300**	PI 0410074-3	7.1	**259**	PI 0710148-1	6.1	**258**	PI 0717029-7	11.1	**277**	PI 0718357-7	11.1	**279**
PI 0302673-6	16.1	**296**	PI 0410208-8	9.2	**262**	PI 0710300-0	6.8	**258**	PI 0717036-0	11.1	**277**	PI 0718360-7	11.1	**279**
PI 0302681-7	16.1	**296**	PI 0410263-0	6.1	**258**	PI 0712086-9	1.4.1	**249**	PI 0717037-8	11.1	**277**	PI 0718366-6	11.1	**279**
PI 0302791-0	9.2.4	**265**	PI 0410575-3	25.4	**300**	PI 0712299-3	1.1	**242**	PI 0717038-6	11.1	**277**	PI 0718411-5	25.1	**299**
PI 0302860-7	7.1	**258**	PI 0410643-1	7.1	**259**	PI 0712584-4	1.1	**242**	PI 0717048-3	11.1	**277**	PI 0718415-8	25.1	**299**
PI 0303500-0	25.4	**300**	PI 0410685-7	16.1	**297**	PI 0712627-1	25.4	**301**	PI 0717049-1	11.1	**277**	PI 0718416-6	25.1	**299**
PI 0303527-1	9.2.4	**265**	PI 0410759-4	9.1	**261**	PI 0712951-3	11.1	**275**	PI 0717058-0	11.1	**277**	PI 0718419-0	25.4	**301**
PI 0303628-6	7.1	**258**	PI 0410843-4	9.1	**261**	PI 0713035-0	1.1	**242**	PI 0717097-1	11.1	**277**	PI 0718420-4	25.1	**299**
PI 0304055-0	9.2.4	**265**	PI 0410862-0	7.1	**259**	PI 0713636-6	11.1	**275**	PI 0717115-3	11.1	**277**	PI 0718428-0	11.1	**279**
PI 0304516-1	15.11	**293**	PI 0410973-2	9.1	**261**	PI 0714245-5	25.4	**301**	PI 0717117-0	11.1	**277**	PI 0718435-2	11.1	**279**
PI 0304588-9	9.2	**262**	PI 0410980-5	7.1	**259**	PI 0714474-1	11.1	**275**	PI 0717134-0	11.1	**277**	PI 0718437-9	11.1	**280**
PI 0304659-1	25.1	**299**	PI 0411009-9	7.1	**259**	PI 0714549-7	11.1	**275**	PI 0717158-7	11.1	**277**	PI 0718462-0	25.4	**301**
PI 0304660-5	25.1	**299**	PI 0411211-3	25.4	**300**	PI 0714646-9	11.1	**275**	PI 0717173-0	25.4	**301**	PI 0718475-1	25.1	**299**
PI 0304718-0	25.4	**300**	PI 0411218-0	7.1	**259**	PI 0714960-3	11.1	**275**	PI 0717202-8	11.1	**277**	PI 0718505-7	11.1	**280**
PI 0304788-1	9.1	**261**	PI 0411283-0	6.1	**258**	PI 0714987-5	11.1	**275**	PI 0717214-1	11.1	**277**	PI 0718515-4	11.1	**280**
PI 0305418-7	9.1	**261**	PI 0411338-1	9.1	**261**	PI 0714989-1	11.1	**275**	PI 0717217-6	11.1	**277**	PI 0718536-7	11.1	**280**
PI 0305973-1	16.1	**296**	PI 0411370-5	15.22.1	**294**	PI 0714991-3	11.1	**275**	PI 0717239-7	11.1	**277**	PI 0718550-2	11.1	**280**
PI 0306141-8	25.4	**300**	PI 0411459-0	9.1.3	**262**	PI 0714996-4	11.1	**275**	PI 0717257-5	11.1	**277**	PI 0718551-0	11.1	**280**
PI 0306411-5	9.2	**262**	PI 0411521-0	7.1	**259**	PI 0714998-0	11.1	**275**	PI 0717264-8	11.1	**277**	PI 0718556-1	11.1	**280**
PI 0306679-7	9.1	**261**	PI 0411637-2	6.1	**258**	PI 0715112-8	11.1	**275**	PI 0717265-6	11.1	**277**	PI 0718558-8	11.1	**280**
PI 0306796-3	16.1	**296**	PI 0411948-7	9.1	**261**	PI 0715293-0	11.1	**275**	PI 0717272-9	11.1	**277**	PI 0718598-7	11.1	**280**
PI 0306810-2	6.1	**257**	PI 0412112-0	7.1	**259**	PI 0715312-0	25.6	**302**	PI 0717285-0	11.1	**277**	PI 0718640-1	11.1	**280**
PI 0306924-9	9.1	**261**	PI 0412216-0	9.2	**263**	PI 0715344-9	25.4	**301**	PI 0717288-5	11.1	**277**	PI 0718644-4	25.1	**299**
PI 0307025-5	9.2.4	**265**	PI 0412503-7	9.2	**263**	PI 0715346-5	11.1	**275**	PI 0717304-0	11.1	**277**	PI 0718648-7	25.4	**301**
PI 0307132-4	9.2.4	**265**	PI 0412579-7	7.1	**259**	PI 0715440-2	11.1	**275**	PI 0717326-1	11.1	**277**	PI 0718657-6	11.1	**280**
PI 0307152-9	16.1	**296**	PI 0412617-3	1.1	**241**	PI 0715455-0	11.1	**275**	PI 0717328-8	11.1	**277**	PI 0718663-0	11.1	**280**
PI 0307166-9	1.1	**241**	PI 0412698-0	7.1	**259**	PI 0715559-0	25.6	**302**	PI 0717336-9	11.1	**277**	PI 0718664-9	11.1	**280**
PI 0307326-2	6.1	**257**	PI 0412732-3	7.1	**259**	PI 0715587-5	11.1	**275**	PI 0717338-5	25.4	**301**	PI 0718689-4	1.3	**42**
PI 0307488-9	9.1	**261**	PI 0412749-8	9.2	**263**	PI 0715692-8	11.1	**275**	PI 0717342-3	1.3	**42**	PI 0718690-8	1.3	**42**
PI 0307697-0	1.1	**241**	PI 0412758-7	9.2	**263**	PI 0715702-9	11.1	**275**	PI 0717344-0	1.3	**42**	PI 0718691-6	1.3	**42**
PI 0307751-9	16.1	**296**	PI 0412810-9	7.1	**259**	PI 0715719-3	11.1	**275**	PI 0717345-8	11.1	**278**	PI 0718692-4	1.3	**42**
PI 0307900-7	9.1	**261**	PI 0413011-1	9.1	**261**	PI 0715724-0	11.1	**275**	PI 0717346-6	11.1	**278**	PI 0718693-2	1.3	**42**
PI 0307908-2	9.2	**262**	PI 0413708-6	25.4	**300**	PI 0715763-0	11.1	**275**	PI 0717348-2	11.1	**278**	PI 0718694-0	1.3	**43**
PI 0308621-6	16.1	**296**	PI 0413789-2	9.2	**263**	PI 0715773-8	11.1	**275**	PI 0717385-7	11.1	**278**	PI 0718695-9	1.3	**43**
PI 0308730-1	16.1	**296**	PI 0414081-8	7.1	**259**	PI 0715775-4	11.1	**275**	PI 0717407-1	11.1	**278**	PI 0718696-7	1.3	**43**
PI 0308751-4	6.1	**257**	PI 0414283-7	7.1	**259**	PI 0715780-0	11.1	**275**	PI 0717412-8	11.1	**278**	PI 0718698-3	1.3	**43**
PI 0308847-2	6.1	**257**	PI 0414371-0	16.1	**297**	PI 0715783-5	11.1	**275**	PI 0717423-3	11.1	**278**	PI 0718700-9	1.3	**43**
PI 0308879-0	16.1	**296**	PI 0415247-6	16.1	**297**	PI 0715799-1	11.1	**275**	PI 0717425-0	11.1	**278**	PI 0718701-7	1.3	**43**
PI 0309195-3	9.1	**261**	PI 0415421-5	25.1	**299**	PI 0715800-9	11.1	**275**	PI 0717426-8	11.1	**278**	PI 0718752-1	1.3.1	**248**
PI 0309299-2	16.1	**296**	PI 0415468-1	7.1	**259**	PI 0715801-7	11.1	**275**	PI 0717428-4	11.1	**278**	PI 0718800-5	25.4	**301**
PI 0309378-6	9.1	**261**	PI 0415745-1	7.4	**260**	PI 0715803-3	11.1	**275**	PI 0717454-3	11.1	**278**	PI 0719022-0	25.7	**302**
PI 0309577-0	16.1	**296**	PI 0415808-3	7.1	**259**	PI 0715804-1	11.1	**275**	PI 0717488-8	11.1	**278**	PI 0719025-5	25.4	**301**
PI 0309736-6	9.1	**261**	PI 0416273-0	25.4	**300**	PI 0715820-3	11.1	**275**	PI 0717492-6	11.1	**278**	PI 0719033-6	11.1	**280**
PI 0309750-1	9.1	**261**	PI 0416380-0	16.1	**297**	PI 0715825-4	11.1	**275**	PI 0717523-0	11.1	**278**	PI 0719036-0	11.1	**280**
PI 0309794-3	9.1	**261**	PI 0417052-0	9.1	**261**	PI 0715864-5	11.1	**275**	PI 0717527-2	25.4	**301**	PI 0719043-3	25.4	**301**
PI 0309980-6	7.1	**259**	PI 0417250-7	8.6	**260**	PI 0715867-0	11.1	**275**	PI 0717545-0	11.1	**278**	PI 0719044-1	25.4	**301**
PI 0310004-9	9.1	**261**	PI 0417298-1	7.1	**259**	PI 0715872-6	1.1	**242**	PI 0717555-8	11.1	**278**	PI 0719046-8	11.1	**280**
PI 0311330-2	9.2	**262**	PI 0417433-0	9.1	**261**	PI 0715876-9	11.1	**275**	PI 0717581-7	11.1	**278**	PI 0719058-1	11.1	**280**
PI 0311342-6	16.1	**296**	PI 0417856-4	7.1	**259**	PI 0715878-5	11.1	**275**	PI 0717588-4	11.1	**278**	PI 0719107-3	25.7	**302**
PI 0311793-6	16.1	**296**	PI 0418003-8	25.4	**300**	PI 0715884-0	11.1	**275**	PI 0717589-2	11.1	**278**	PI 0719450-1	25.1	**299**
PI 0312070-8	9.2.4	**265**	PI 0418047-0	16.1	**297**	PI 0715885-8	11.1	**275**	PI 0717590-6	11.1	**278**	PI 0719507-9	1.3	**43**
PI 0312129-1	6.1	**257**	PI 0418119-0	9.2	**263**	PI 0715887-4	11.1	**275**	PI 0717600-7	11.1	**278**	PI 0719508-7	1.3	**43**
PI 0312140-2	25.1	**299**	PI 0418164-6	25.4	**300**	PI 0715892-0	11.1	**275**	PI 0717630-9	11.1	**278**	PI 0719509-5	1.3	**44**
PI 0312153-4	7.1	**259**	PI 0418302-9	6.1	**258**	PI 0715898-0	11.1	**276**	PI 0717634-1	11.1	**278**	PI 0719510-9	1.3	**44**
PI 0312160-7	16.1	**296**	PI 0418572-2	7.1	**259**	PI 0715903-0	11.1	**276**	PI 0717636-8	11.1	**278**	PI 0719512-5	1.3	**44**
PI 0312166-6	6.1	**257**	PI 0418653-2	6.1	**258**	PI 0715905-6	11.1	**276**	PI 0717646-5	11.1	**278**	PI 0719513-3	1.3	**44**
PI 0312492-4	9.2	**262**	PI 0418786-5	16.1	**297**	PI 0715909-9	11.1	**276**	PI 0717647-3	11.1	**278**	PI 0719528-1	1.3	**44**
PI 0312687-0	7.1	**259**	PI 0418811-0	7.1	**259**	PI 0715923-4	11.1	**276**	PI 0717677-5	25.1	**299**	PI 0719530-3	1.3	**45**
PI 0312790-7	16.1	**296**	PI 0418828-4	7.1	**259**	PI 0715925-0	11.1	**276**	PI 0717681-3	11.1	**278**	PI 0719531-1	1.3	**45**
PI 0313211-0	25.4	**300**	PI 0419172-2	6.1	**258**	PI 0715958-7	11.1	**276**	PI 0717684-8	11.1	**278**	PI 0719553-2	25.7	**302**
PI 0313241-2	9.2	**262**	PI 0419278-8	7.1	**259**	PI 0715991-9	11.1	**276**	PI 0717689-9	11.1	**278**	PI 0719580-0	25.4	**301**
PI 0313328-1	25.4	**300**	PI 0419349-0	9.2.4	**265**	PI 0716035-6	11.1	**276**	PI 0717690-2	11.1	**278**	PI 0719624-5	1.3	**45**
PI 0313614-0	1.1	**241**	PI 0502484-6	7.1	**259**	PI 0716036-4	11.1	**276**	PI 0717691-0	11.1	**278**	PI 0719655-5	25.4	**301**
PI 0313708-2	1.1	**241**	PI 0502759-4	9.1	**262**	PI 0716046-1	11.1	**276**	PI 0717694-5	11.1	**278**	PI 0719671-7	25.4	**301**
PI 0313917-4	7.1	**259**	PI 0504145-7	9.2	**263**	PI 0716047-0	11.1	**276**	PI 0717715-1	11.1	**278**	PI 0720039-0	25.6	**302**
PI 0314389-9	7.1	**259**	PI 0504210-0	16.1	**297**	PI 0716049-6	11.1	**276**	PI 0717717-8	11.1	**278**	PI 0720048-0	1.3	**45**
PI 0314509-3	16.1	**296**	PI 0504427-8	9.2.4	**265**	PI 0716057-7	11.1	**276**	PI 0717720-8	11.1	**278**	PI 0720184-2	1.3	**45**
PI 0314726-6	6.1	**257**	PI 0505419-2	15.24.2	**294**	PI 0716066-6	11.1	**276**	PI 0717721-6	11.1	**278**	PI 0720188-5	1.3	**46**
PI 0314758-4	25.4	**300**	PI 0505721-3	9.2	**263**	PI 0716075-5	11.1	**276**	PI 0717726-7	11.1	**278**	PI 0720189-3	1.3	**46**
PI 0314815-7	16.1	**297**	PI 0505944-5	7.1	**259**	PI 0716084-4	11.1	**276**	PI 0717737-2	11.1	**278**	PI 0720190-7	1.3	**46**
PI 0315311-8	9.2.4	**265**	PI 0506216-0	9.2.4	**265**	PI 0716091-7	11.1	**276**	PI 0717742-9	11.1	**278**	PI 0720191-5	1.3	**46**
PI 0315340-1	25.4	**300**	PI 0506547-0	7.1	**259**	PI 0716109-3	11.1	**276**	PI 0717745-3	11.1	**278**	PI 0720192-3	1.3	**46**
PI 0315452-1	6.1	**257**	PI 0506625-5	9.2	**263**	PI 0716119-0	11.1	**276**	PI 0717764-0	25.1	**299**	PI 0720193-1	1.3	**46**
PI 0315494-7	16.1	**297**	PI 0507304-9	9.2.4	**266**	PI 0716123-9	11.1	**276**	PI 0717772-0	11.1	**278**	PI 0720194-0	1.3	**46**
PI 0315554-4	7.1	**259**	PI 0507881-4	7.1	**259**	PI 0716136-0	11.1	**276**	PI 0717785-2	11.1	**278**	PI 0720195-8	1.3	**46**
PI 0315563-3	7.1	**259**	PI 0508007-0	9.2.4	**266**	PI 0716180-8	11.1	**276**	PI 0717792-5	11.1	**278**	PI 0720196-6	1.3	**47**
PI 0316251-6	9.2.4	**265**	PI 0508416-4	25.4	**300**	PI 0716185-9	11.1	**276**	PI 0717805-0	11.1	**278**	PI 0720197-4	1.3	**47**
PI 0316449-7	9.1	**261**	PI 0508533-0	25.4	**300**	PI 0716205-7	11.1	**276**	PI 0717815-8	11.1	**278**	PI 0720198-2	1.3	**47**
PI 0316838-7	6.1	**257**	PI 0508817-8	6.1	**258**	PI 0716210-3	11.1	**276**	PI 0717816-6	11.1	**278**	PI 0720199-0	1.3	**47**
PI 0317218-0	9.2.4	**265**	PI 0509609-0	9.1	**262**	PI 0716215-4	11.1	**276**	PI 0717818-2	11.1	**278**	PI 0720200-8	1.3	**47**
PI 0317380-1	16.1	**297**	PI 0509656-1	6.1	**258**	PI 0716224-3	11.1	**276**	PI 0717819-0	11.1	**278**	PI 0720201-6	1.3	**47**
PI 0317961-3	9.2.4	**265**	PI 0509713-4	16.1	**298**	PI 0716227-8	11.1	**276**	PI 0717857-3	11.1	**278**	PI 0720202-4	1.3	**47**
PI 0318131-6	16.1	**297**	PI 0510091-7	6.1	**258**	PI 0716229-4	11.1	**276**	PI 0717872-7	11.1	**278**	PI 0720203-2	1.3	**48**
PI 0318283-5	9.1	**261**	PI 0510850-0	7.1	**259**	PI 0716242-1	11.1	**276**	PI 0717873-5	11.1	**278**	PI 0720204-0	1.3	**48**
PI 0318299-1	16.1	**297**	PI 0511832-8	25.4	**300**	PI 0716247-2	11.1	**276**	PI 0717874-3	11.1	**279**	PI 0720205-9	1.3	**48**
PI 0318361-0	9.1	**261**	PI 0511847-6	7.1	**259**	PI 0716250-2	11.1	**276**	PI 0717876-0	11.1	**279**	PI 0720206-7	1.3	**48**
PI 0318364-5	25.4	**300**	PI 0512168-0	16.1	**298**	PI 0716252-9	11.1	**276**	PI 0717888-3	11.1	**279**	PI 0720237-7	1.3	**48**
PI 0400020-0	7.1	**259**	PI 0512322-4	7.1	**259**	PI 0716293-6	1.3	**41**	PI 0717889-1	11.1	**279**	PI 0720239-3	1.3	**48**
PI 0400029-3	9.2.4	**265**	PI 0513464-1	6.1	**258**	PI 0716294-4	1.3	**41**	PI 0717932-4	11.1	**279**	PI 0720240-7	1.3	**49**
PI 0401402-2	15.11	**293**	PI 0514009-9	25.4	**300**	PI 0716295-2	1.3	**41**	PI 0717942-1	11.1	**279**	PI 0720241-5	1.3	**49**
PI 0401803-6	16.1	**297**	PI 0515350-6	25.4	**300**	PI 0716296-0	1.3	**41**	PI 0717943-0	11.1	**279**	PI 0720242-3	1.3	**49**
PI 0401808-7	16.1	**297**	PI 0516442-7	7.1	**259**	PI 0716371-1	11.1	**276**	PI 0717956-1	11.1	**279**	PI 0720243-1	1.3	**49**
PI 0401883-4	6.1	**257**	PI 0516512-1	25.4	**300**	PI 0716381-9	11.1	**276**	PI 0717965-0	11.1	**279**	PI 0720245-8	1.3	**49**

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Diretoria de Patentes - DIRPA
Notificação - Fase Nacional - PCT
Publicação de Pedidos de Patente e de Certificado de Adição de Invenção

RPI 2243 de 31/12/2013

1. Pedido Internacional PCT/BR Designado ou Eleito

1.3
NOTIFICAÇÃO - FASE NACIONAL - PCT

(21) **PI 0709905-3** A2 **1.3**
(22) 27/03/2007
(30) 31/03/2006 CN 200610071038.3
(51) H04L 29/08 (2006.01)
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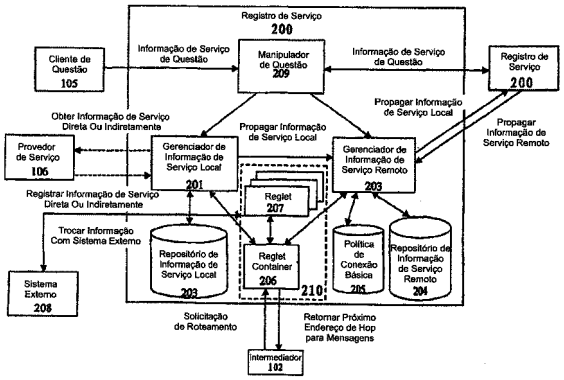
(74) DI BLASI, PARENTE & ASS. PROP. IND. LTDA
(85) 01/10/2008
(86) PCT EP2007/052894 de 27/03/2007
(87) WO 2007/113164 de 11/10/2007



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(51) C08J 9/00 (2006.01), A62C 99/00 (2010.01), B60R 13/08 (2006.01), C08K 3/30 (2006.01), C08K 3/32 (2006.01), C08K 3/36 (2006.01), C08K 5/098 (2006.01), C08K 5/544 (2006.01), C23F 11/12 (2006.01)
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(74) Antonio Mauricio Pedras Arnaud
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(51) D07B 1/06 (2006.01), D07B 5/10 (2006.01)
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(71) MICHIEL NICOLAAS VAN ZYL (ZA)
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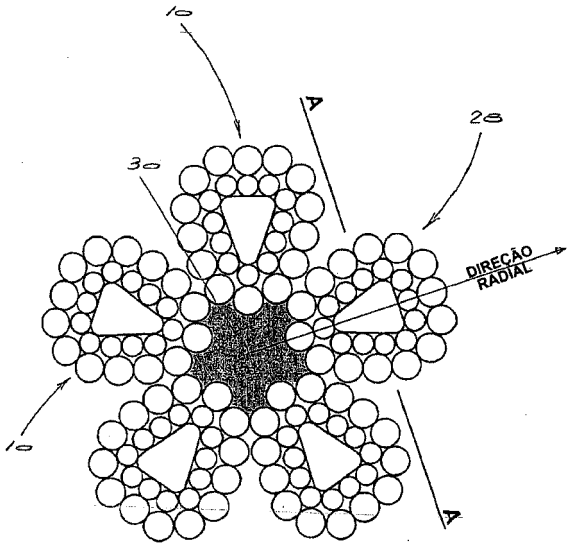

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(54) PROCESSO DE HIDROCRAQUEAMENTO E PROCESSO DE CRAQUEAMENTO CATALÍTICO FLUIDO
(71) Saudi Arabian Iol Company (AE)
(72) OMER REFA KOSEOGLU
(74) Antonio Mauricio Pedras Arnaud
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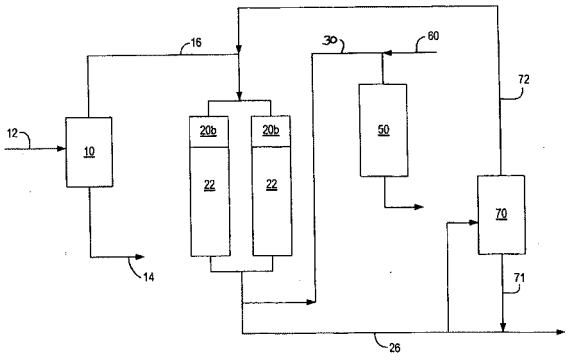

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(51) C08L 23/00 (2006.01), C08L 75/04 (2006.01)
(54) 'COMPOSIÇÃO, ARTIGO, ESTRUTURA LAMINADA,DISPERSÃO,ARTIGO MOLDADO POR INJEÇÃO ,ARTIGO MOLDADO ,ARTIGO PARA CALÇADOS E PEÇA AUTOMOTIVA
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(72) Laura B. Weaver, ASHISH BATRA, PATRICIA ANSEMS
(74) Antonio Mauricio Pedras Arnaud
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(71) Knorr-Bremse Systeme Für Nutzfahrzeuge GMBH (DE)
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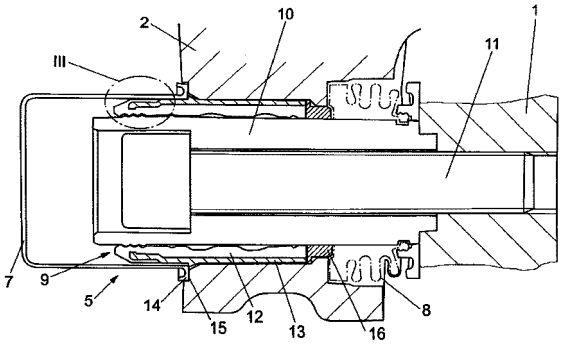

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(71) Global Agricultura Technology And Engineering, LLC (US)
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(51) A61M 5/14 (2006.01), A61J 1/10 (2006.01)
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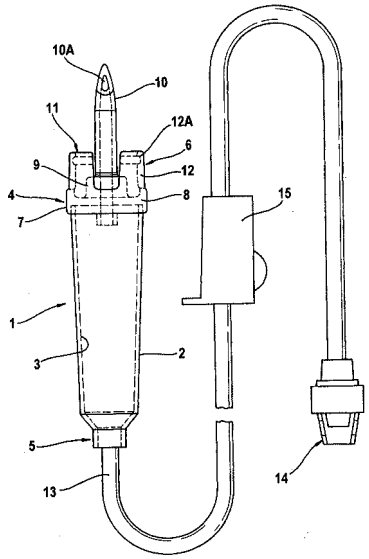

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(71) The Procter & Gamble Company (US)
(72) Elaine Hunter Gardiner, Xiaotian Zou
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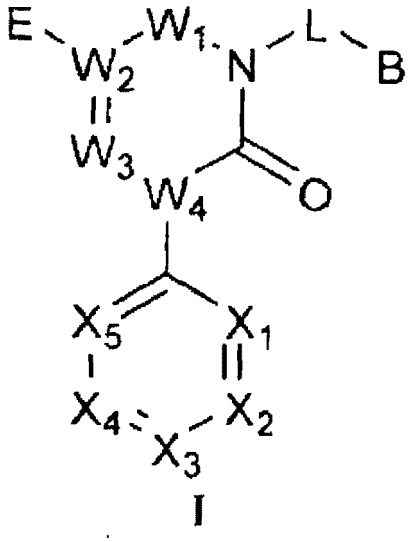

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(51) B64C 9/22 (2006.01), B64C 9/24 (2006.01)
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(71) Airbus Deutschland Gmbh (DE)
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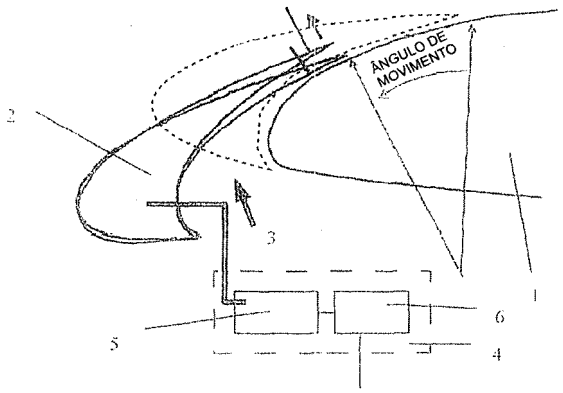

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(71) Proveris Scientific Corporation (US)
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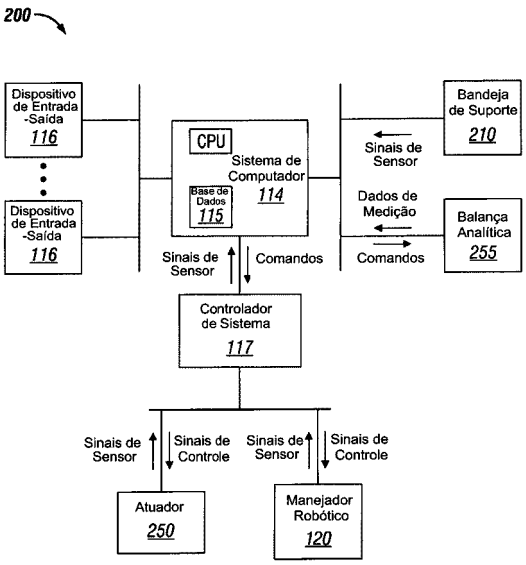

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(71) Sudhir Paul (US) , Yasuhiro Nishiyama (US) , Stephanie Planque (US)
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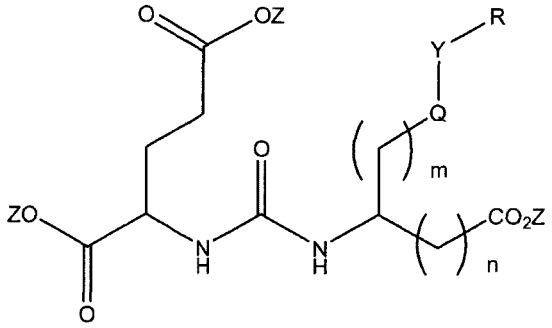

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(51) G03G 15/20 (2006.01), F16C 13/00 (2006.01)
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(71) Canon Kabushiki Kaisha (JP)
(72) Katsuhisa Matsunaka, Kazuo Kishino, Masaaki Takahashi
(74) Momsen, Leonardos & CIA.
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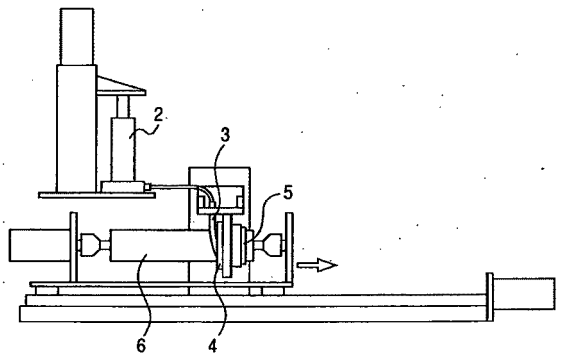

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(54) SISTEMA PARA MANIPULAR INDIVIDUALMENTE UMA PARTÍCULA EM UM FLUIDO, SISTEMA DE CARACTERIZAÇÃO PARA CARACTERIZAR UMA PARTÍCULA, MÉTODOS PARA MANIPULAR INDIVIDUALMENTE UMA PARTÍCULA EM UM FLUIDO E PARA CARACTERIZAR UMA PARTÍCULA EM UM FLUIDO, CONTROLADOR PARA USO EM UM SISTEMA, PRODUTO DE PROGRAMA DE COMPUTADOR, DISPOSITIVO DE ARMAZENAGEM DE DADOS LEGÍVEIS POR MÁQUINA, E, TRANSMISSÃO DOS PRODUTOS DE PROGRAMA DE COMPUTADOR.
(71) Koninklijke Philips Electronics N. V (NL)

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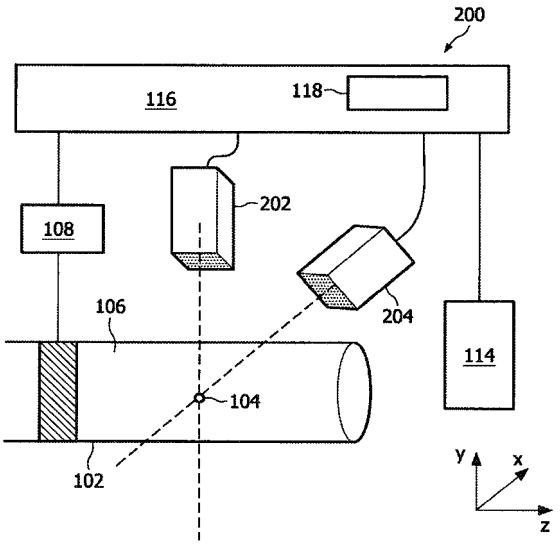

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(51) A61K 9/00 (2006.01), A61K 8/02 (2006.01), A61K 31/04 (2006.01)
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(71) Follica, Inc. (US) , The Trustees Of The University Of Pennsylvania (US)
(72) David Steinberg, Kevin Pojasek, Stephen Prouty, George Cotsarelis, Mayumi Ito
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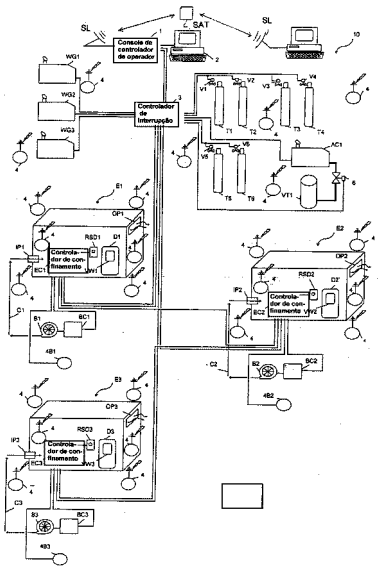

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(51) B01J 37/00 (2006.01), B01J 23/10 (2006.01), B01J 23/63 (2006.01), B01D 53/94 (2006.01)
(54) CATALISADOR DE ARMAZENAMENTO DE ÓXIDO DE NITROGÊNIO, CAPTADOR CATALÍTICO, E, MÉTODO PARA FABRICAR UM MATERIAL DE ARMAZENAMENTO DE ÓXIDO DE NITROGÊNIO.
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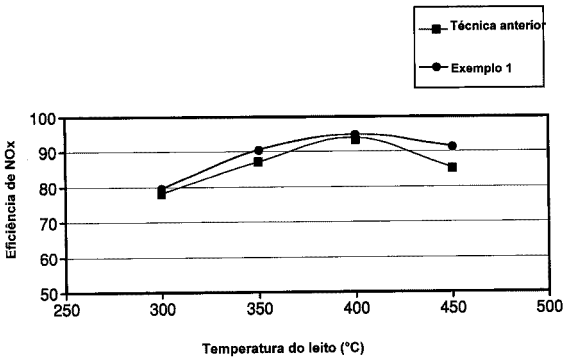

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(51) A61B 6/00 (2006.01), A61L 27/38 (2006.01)
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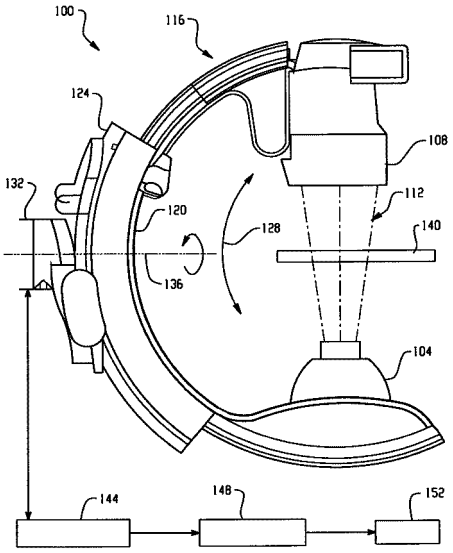

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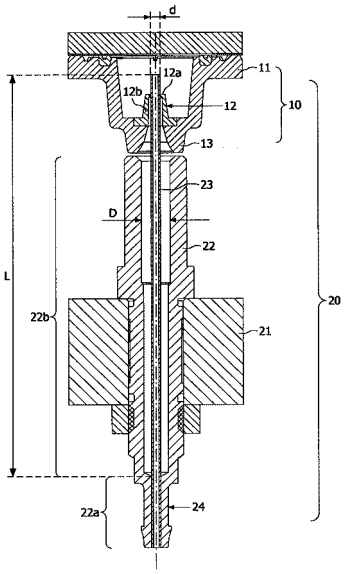

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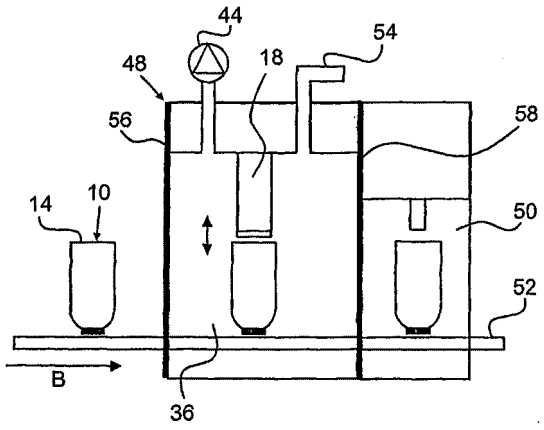

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(51) E21B 17/10 (2006.01), E21B 43/10 (2006.01)
(54) REVESTIMENTO EXPANSÍVEL DE FURO DO POÇO
(71) Baker Hughes Incorporated (US)
(72) Robert S. O'Brien, Edward J. O'Malley
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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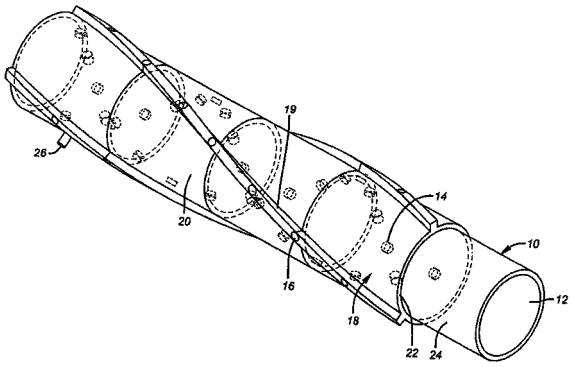

(21) **PI 0719624-5** A2 **1.3**
(22) 28/12/2007
(30) 29/12/2006 US 60/887,608; 31/01/2007 US 60/877,499
(51) C07D 401/14 (2006.01), A61P 1/04 (2006.01), A61K 31/4439 (2006.01)
(54) FORMAS DE ESTADO SÓLIDO DO ILAPRAZOL RACÊMICO
(71) IL YANG PHARMACEUTICAL COMPANY, LTD. (KE)
(72) DAVID T JONAITIS, JOHN M BRACKETT, WEI LA, JIH HUA LIU, STEPHAN D PARENT, JINYU SHEN
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(51) C12N 15/62 (2006.01), C07K 14/00 (2006.01), C12N 15/82 (2006.01), C12N 15/09 (2006.01)
(54) PROTEÍNAS DE DEDO DE ZINCO NÃO-CANÔNICAS OTIMIZADAS
(71) Dow Agrosciences LLC (US) , Sangamo Biosciences, INC. (US)
(72) Qihua C. Cai, Jeffrey Miller, Fyodor Urnov, Vipula K. Shukla, Joseph F. Petolino, Lisa W. Baker, Robbi J. Garrison, Ryan C. Blue, Jon C. Mitchell, Nicole L. Arnold, Sarah E. Worden
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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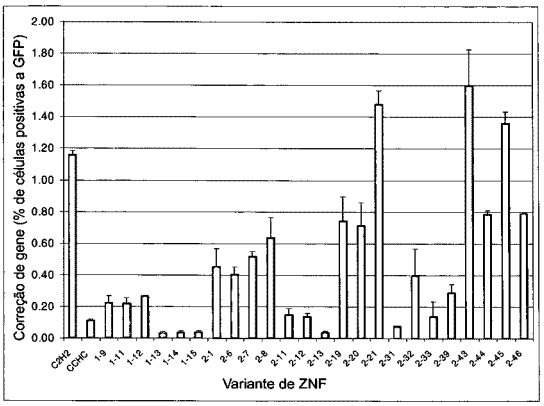

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(51) F03D 1/06 (2006.01), F03D 11/00 (2006.01)
(54) TURBINA EÓLICA, TURBINA EÓLICA COMPREENDENDO UM ROTOR COM PÁS DA TURBINA EÓLICA CADA UMA POSSUINDO UMA EXTREMIDADE DE RAIZ CONECTADA A UM CUBO DA TURBINA EÓLICA E UMA EXTREMIDADE DE PONTA, E PÁ DE TURBINA EÓLICA POSSUINDO UMA EXTREMIDADE DE RAIZ COM MEIOS PARA ACOPLAMENTO DA REFERIDA EXTREMIDADE DE RAIZ A UM CUBO DE UMA TURBINA EÓLICA E UMA EXTREMIDADE DE PONTA POSSUINDO A PEQUENA ALETA
(71) Vestas Wind Systems A/S (DK)
(72) Kristian Balschmidt Godsk, Thomas Steiniche Bjertrup Nielsen
(74) Walter de Almeida Martins
(85) 04/06/2009
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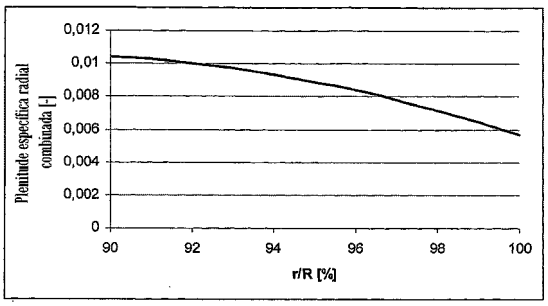

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(51) G06F 7/48 (2006.01), G06G 7/50 (2006.01), G06G 7/57 (2006.01), G01V 1/40 (2006.01), G01V 1/52 (2006.01), G01V 9/00 (2006.01)
(54) MÉTODOS DE MODELAGEM DE UM SISTEMA DE RESERVATÓRIO, E DE PRODUÇÃO DE HIDROCARBONETOS, E, MEIO DE ARMAZENAMENTO LEGÍVEL POR COMPUTADOR
(71) Exxonmobil Upstream Research Company (US)
(72) Jeffrey E. Davidson
(74) Momsen, Leonardos & CIA.
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(51) G07C 9/00 (2006.01), G07C 9/02 (2006.01)
(54) MÉTODO PARA CONTROLE DE ACESSO AUTOMATIZADO DE PASSAGEIROS AÉREOS EM AEROPORTOS, E, INSTALAÇÃO DE AEROPORTO PARA EXECUTAR O MÉTODO
(71) Fraport AG (DE)
(72) Rolf Felkel, JENS GRABELEU
(74) Momsen, Leonardos & CIA.
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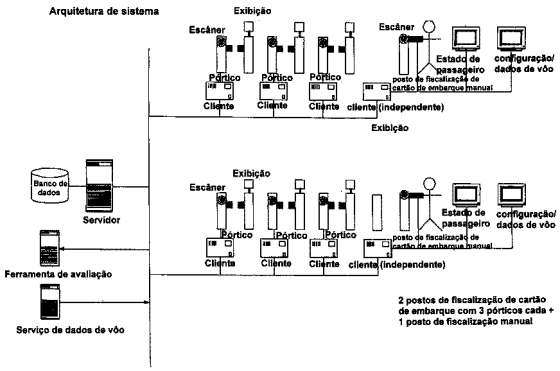

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(51) B32B 37/06 (2006.01), B32B 37/15 (2006.01), B05D 3/02 (2006.01), B05D 1/28 (2006.01), B29C 35/02 (2006.01), B29C 37/00 (2006.01), B29C 45/14 (2006.01), B29C 43/18 (2006.01), B29C 63/00 (2006.01), B29C 51/14 (2006.01)
(54) MÉTODO DE PRODUÇÃO DE UM ARTIGO REVESTIDO COM UM FILME
(71) Basf SE (DE)
(72) Erich Beck, Lars Koppelmann, Roland Streng
(74) Momsen, Leonardos & CIA.
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(51) C04B 35/48 (2006.01), C04B 35/622 (2006.01), C03B 5/43 (2006.01)
(54) PRODUTO SINTERIZADO, PROCESSO PARA FABRICAR UM PRODUTO SINTERIZADO, E, FORNO DE VIDRO
(71) Saint-Gobain Centre de Recherches Et D'Etudes Europeen (FR)
(72) Olivier Citti, Julien Fourcade
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(51) C07K 14/415 (2006.01), C12N 15/82 (2006.01), A01H 5/00 (2006.01)
(54) MÉTODO PARA GERAR OU AUMENTAR UMA RESISTÊNCIA A PELO MENOS UM FUNGO BIOTRÓFICO EM UMA PLANTA OU UMA PARTE DE UMA PLANTA, SEQÜÊNCIA DE POLIPEPTÍDIO ARTIFICIAL, SEQÜÊNCIA DE ÁCIDO NUCLÉICO ARTIFICIAL, CASSETE DE EXPRESSÃO RECOMBINANTE, VETOR RECOMBINANTE, E, MICROORGANISMO RECOMBINANTE
(71) Basf Plant Science Gmbh (DE)
(72) Holger Schultheiss, Markus Frank, Caroline Höfle
(74) Momsen, Leonardos & CIA.
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(51) C07D 213/81 (2006.01), C07D 401/04 (2006.01), C07D 407/04 (2006.01), C07D 409/04 (2006.01), A61P 9/10 (2006.01)
(54) COMPOSTO DERIVADO DE 2-AMINOCARBONIL-PIRIDINA, COMPOSIÇÃO FARMACÊUTICA CONTENDO O MESMO E SEU USO
(71) Actelion Pharmaceuticals LTD (CH)
(72) Eva Caroff, Kurt Hilpert, Emmanuel Meyer
(74) Vieira de Mello Advogados
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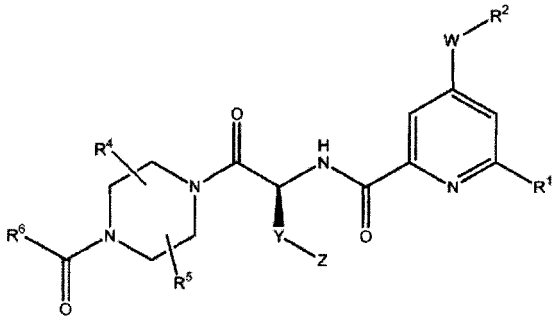

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(54) PROMOTOR, CASSETE DE EXPRESSÃO, PLANTA TRANSGÊNICA, E, MÉTODOS PARA PRODUZIR UMA PLANTA TRANSGÊNICA E PARA CONFERIR OU MELHORAR A RESISTÊNCIA A PATÓGENO EM UMA PLANTA
(71) Basf Plant Science GMBH (DE)
(72) Aaron Wiig, Robert Ascenzi, Xiang Huang, Sumita Chaudhuri, Rui-Guang Zhen, Yu Han
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(51) H04N 9/31 (2006.01), H04N 5/74 (2006.01), G03B 21/00 (2006.01)
(54) SISTEMA DE PROJEÇÃO PARA EXIBIR UMA IMAGEM TOTALMENTE EM CORES, E, MÉTODO PARA OPERAR UM SISTEMA DE PROJEÇÃO
(71) Philips Lumileds Lighting Company, LLC (US) , Koninklijke Philips Electronics N.V. (NL)
(72) Gerard Harbers, Serge Bierhuizen
(74) Momsen, Leonardos & Cia.
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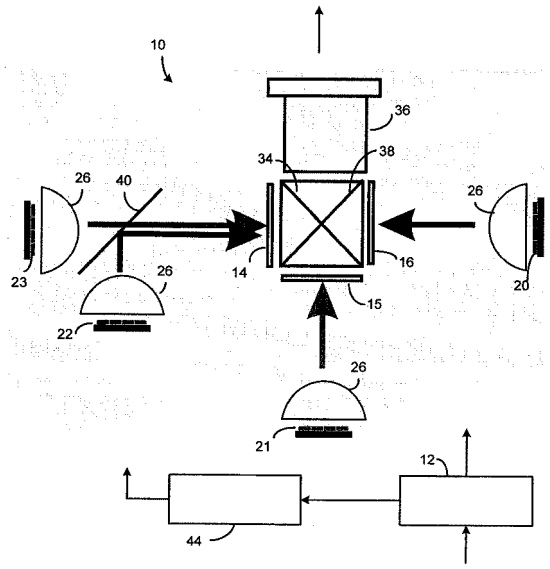

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(51) C07D 249/18 (2006.01), C07D 471/04 (2006.01), A61K 31/4192 (2006.01), A61K 31/437 (2006.01), A61P 31/18 (2006.01), C07D 231/54 (2006.01)
(54) COMPOSTO OU UM SAL FARMACEUTICAMENTE ACEITÁVEL DO MESMO, E, COMPOSIÇÃO FARMACÊUTICA
(71) Merck & Co., INC. (US)
(72) Neville J. Anthony, Robert Gomez, Samson M. Jolly
(74) Momsen, Leonardos & Cia.
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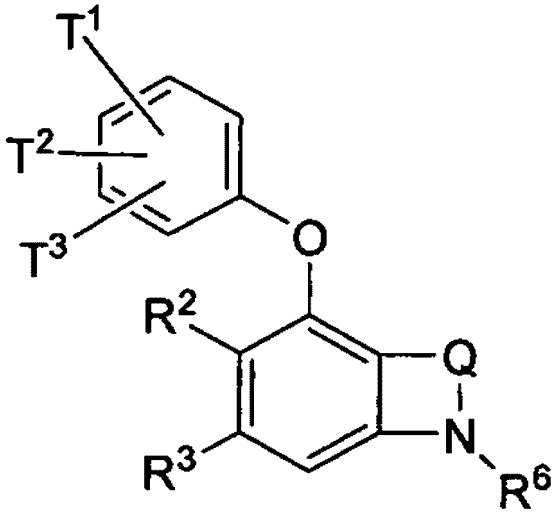

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(51) F16L 59/153 (2006.01)
(54) MANGUEIRA DE TRANSFERÊNCIA CRIOGÊNICA PARA HIDROCARBONETOS MATERIAL ESPAÇADOR ISOLANTE FIBROSO, E, MÉTODO PARA CONSTRUIR UMA MANGUEIRA DE TRANSFERÊNCIA
(71) Single Buoy Moorings Inc. (CH)
(72) Philippe Albert Christian Menardo, Jean-Pierre Queau
(74) Momsen, Leonardos & Cia.
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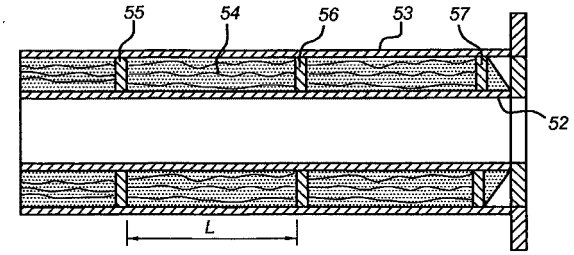

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(30) 15/12/2006 EP 06126273.9
(51) C08F 2/22 (2006.01), D21H 19/56 (2006.01)
(54) DISPERSÃO AQUOSA DE POLÍMERO, PROCESSO PARA A PREPARAÇÃO DE DISPERSÕES AQUOSAS DE POLÍMERO, USO DE DISPERSÃO AQUOSA DE POLÍMERO, TIRA DE PAPEL PARA REVESTIMENTO, E, PAPEL OU PAPELÃO.
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(72) HERMANN SEYFFER, Marc Schröder, Peter Schlichting, BERND BRUCHMANN
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(51) H02M 7/5387 (2007.01), H02P 27/06 (2006.01)
(54) ALIMENTAÇÃO COM DOIS ONDULADORES EM SÉRIE PARA ALIMENTAR UM ACIONADOR ELETROMECÂNICO TENDO UM MOTOR ELÉTRICO.
(71) Messier-Dowty SA (FR)
(72) Daniel Matt, JULIEN JAC, Nicolas Ziegler
(74) Momsen, Leonardos & CIA.
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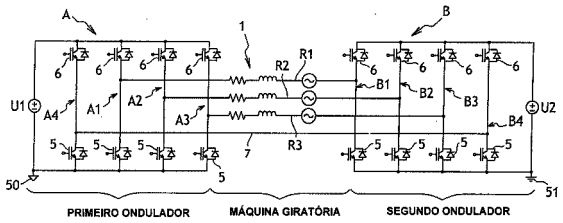

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(51) A01N 25/12 (2006.01), A01N 25/14 (2006.01)
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(71) Innovaform Technologies, LLC (US)
(72) Alexander V. Kabanov, Michael Karas, Tatiana K. Bronitch, Robin Dexter
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(54) COMPOSIÇÕES SUAVES PARA DESINFECÇÃO DA PELE
(71) Centennial Ventures B.V. (NL)
(72) Ilja Bobbert
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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(51) F16K 11/00 (2006.01), B63B 27/30 (2006.01), B63B 27/24 (2006.01)
(54) VÁLVULA DESVIADORA.
(71) Cameron International Corporation (US)
(72) Loc Gia Hoang
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(86) PCT US2007/087234 de 12/12/2007
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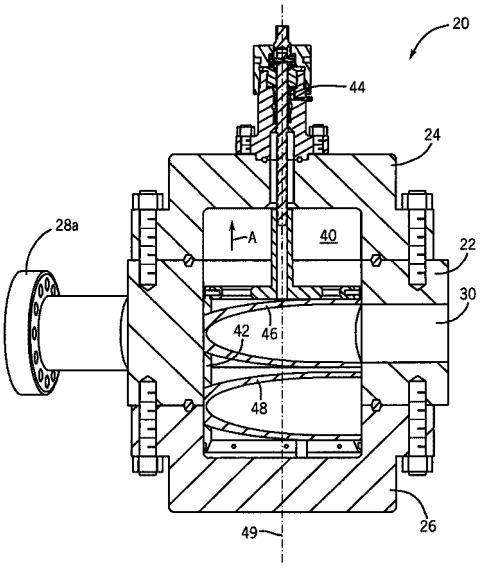

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(51) H01B 11/22 (2006.01), G01B 11/00 (2006.01), G02B 6/00 (2006.01)
(54) MONITORAMENTO DE UM CABO DE ENERGIA FLEXÍVEL
(71) Abb Technology Ltd. (CH)
(72) Thomas Worzyk
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 09/06/2009
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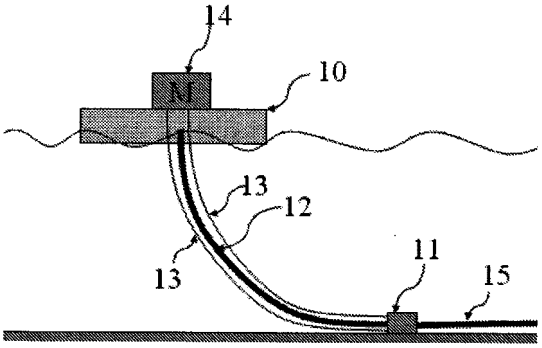

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(51) C08G 18/42 (2006.01), C09J 175/06 (2006.01), B32B 7/12 (2006.01), C08G 18/76 (2006.01)
(54) ADESIVOS DE FORRAÇÃO DE POLIURETANO
(71) Henkel Ag & Co. Kgaa (DE)
(72) Guido Kollbach, Rene Sauer
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 09/06/2009
(86) PCT EP2007/060190 de 26/09/2007
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(51) B60N 2/50 (2006.01)
(54) ASSENTO DE VEÍCULO, EM ESPECIAL UM ASSENTO DE VEÍCULO COMERCIAL
(71) Keiper Gmbh & Co. Kg (DE)
(72) Thomas Weber, Georg Ruess, Harald Klein, Rüdiger Nissen
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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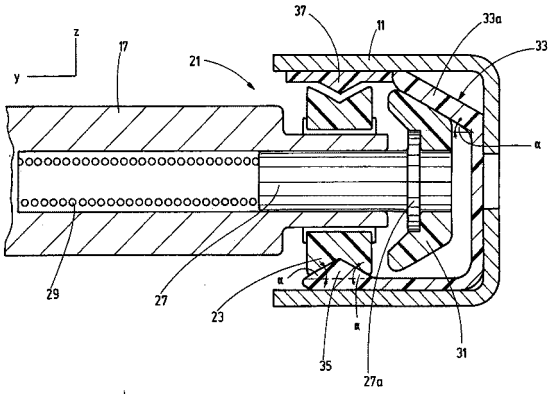

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(54) PROCESSO PARA A OBTENÇÃO DIASTEREOSSELETIVA DE UMA AMINA PRIMÁRIA QUIRAL SOBRE UM ESTERÓIDE.
(71) Sanofi-Aventis (FR)
(72) Daniel Bernard, Joëlle Bousquet-Frances, Gérard Cazenave, Gilles Oddon, André Simonnet
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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(51) C08F 290/02 (2006.01), C08F 236/20 (2006.01), C11D 3/37 (2006.01)
(54) POLÍMERO RAMIFICADO, MÉTODO PARA PREPARAR UM COPOLÍMERO RAMIFICADO, COMPOSIÇÃO, E, USO DE UM COPOLÍMERO RAMIFICADO
(71) Unilever N.V. (NL)
(72) Paul Hugh Findlay, Steven Paul Rennard, Brodyck James Lachlan Royles, Jonathan Victor Mark Weaver
(74) Momsen, Leonardos & Cia.
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(51) A47L 9/02 (2006.01), A47L 5/00 (2006.01)
(54) DISPOSITIVO PARA LIMPEZA DE ASSOALHO SECO/ÚMIDO
(71) AB Electrolux (SE)
(72) Jonas Beskow, Anders Haegermarck, Brian Vines
(74) Orlando de Souza
(85) 12/06/2009
(86) PCT US2007/087464 de 13/12/2007
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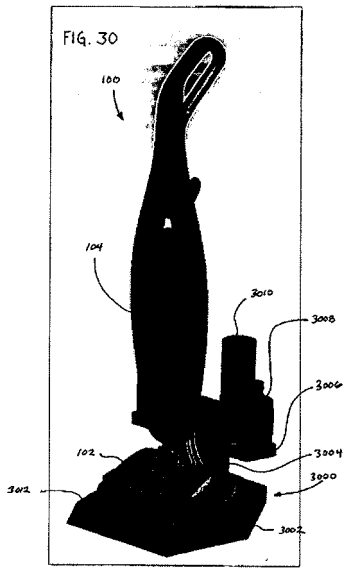

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(54) MÉTODO, SISTEMA DE TELEFONE E TERMINAL DE TELEFONE PARA SEÇÃO DE CHAMADA
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(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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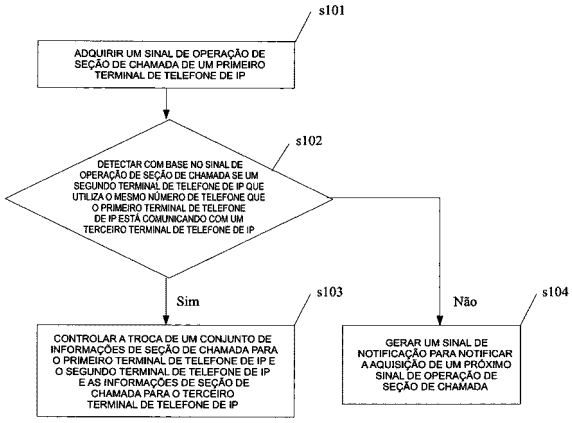

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(51) A61K 31/17 (2006.01), A61K 31/36 (2006.01), A61K 31/381 (2006.01), A61K 31/40 (2006.01), A61K 31/4164 (2006.01), A61K 31/4184 (2006.01), A61K 31/4402 (2006.01), A61K 31/4409 (2006.01), A61P 9/10 (2006.01)
(54) DERIVADOS DE UREIA E SULFAMIDA COMO INIBIDORES DE TAFIA
(71) Sanofi-Aventis (FR)
(72) Christopher Kallus
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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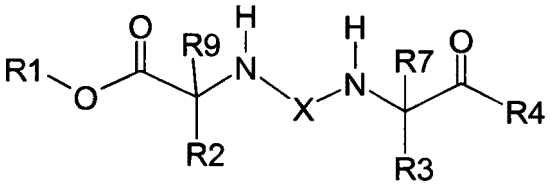

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(51) C08F 255/00 (2006.01), C08L 101/00 (2006.01), C08L 51/00 (2006.01), C09D 151/00 (2006.01), C09K 3/30 (2006.01)
(54) COMPOSIÇÕES DE REVESTIMENTO FLUTUANTES
(71) The Sherwin-Williams Company (US)
(72) Pillai T. Perumal
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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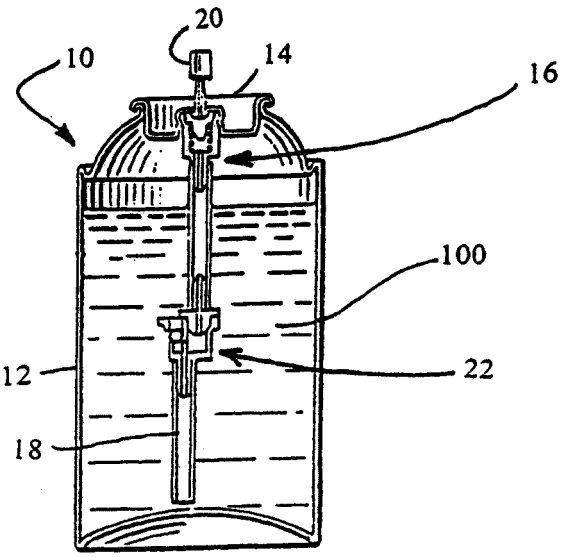

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(54) FORMAÇÃO DE SUBSTÂNCIAS POR TRITURAÇÃO MECÂNICA DE MOLÉCULAS DE CADEIAS DE CARBONO-CARBONO
(71) HA Industrial Technologies Ltd. (IL)
(72) Haggai Shoshany
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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(54) PROCESSO E APARELHO PARA PREPARAR METACRILATOS DE ALQUILA
(71) Evonik Röhm GMBH (DE)
(72) Udo Gropp, Robert Weber, Thomas Schäfer, Andreas Perl, Rudolf Sing, Thomas Mertz
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(54) DERIVADOS DE ESPIRO-PIPERIDINA
(71) F. Hoffmann-La Roche AG (CH)
(72) Catarina Bissantz, Christophe Grundschober, Raffaello Masciadri, Hasane Ratni, Mark Rogers-Evans, Patrick Schnider
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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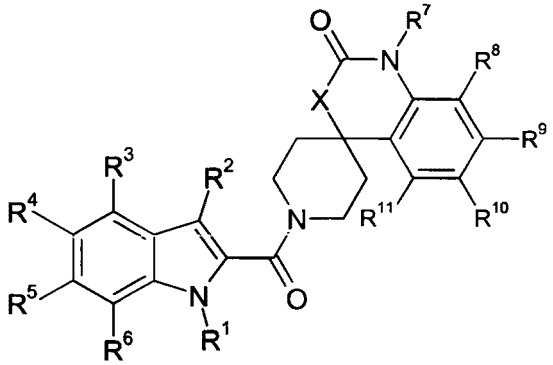

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(54) PIPERIDINILAMINO-PIRIDAZINAS E SEU USO COMO ANTAGONISTAS DO RECEPTOR DE DOPAMINA 2 DE DISSOCIAÇÃO RÁPIDA
(71) Janssen Pharmaceutica N.V. (BE)
(72) Gregor James Macdonald, José Ignacio Andrés-Gil, Frans Alfons Maria Van Den Keybus, José Manuel Bartolomé-Nebreda, Michiel Luc Maria Van Gool
(74) Dannemann Siemsen, Bigler & Ipanema Moreira
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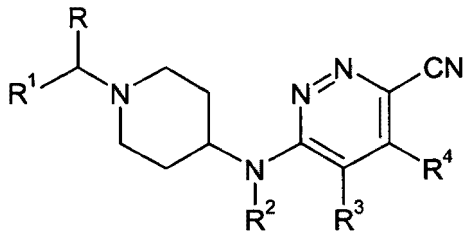

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(51) A61K 31/435 (2006.01), A61K 31/44 (2006.01), A61K 9/20 (2006.01), A61K 9/28 (2006.01), A61K 9/48 (2006.01)
(54) ARTIGO DE FABRICAÇÃO DE PRASUGREL
(71) Eli Lilly And Company (US)
(72) Matthew John Moon, Peter Lloyd Oren
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(51) H04W 72/12 (2009.01), H04W 48/12 (2009.01), H04W 68/00 (2009.01)
(54) MÉTODO E APARELHO DE TRANSMISSÃO E RECEPÇÃO DE TRANSMISSÕES EM CANAL LÓGICO COMUM E CANAL LÓGICO DEDICADO POR MEIO DE UM CANAL COMPARTILHADO EM LINK INFERIOR EM ALTA VELOCIDADE
(71) INTERDIGITAL TECHNOLOGY CORPORATION (US)
(72) PAUL MARINIER, CHRISTOPHER R. CAVE, STEPHEN E. TERRY, DIANA PANI
(74) ADVOCACIA PIETRO ARIBONI S/C
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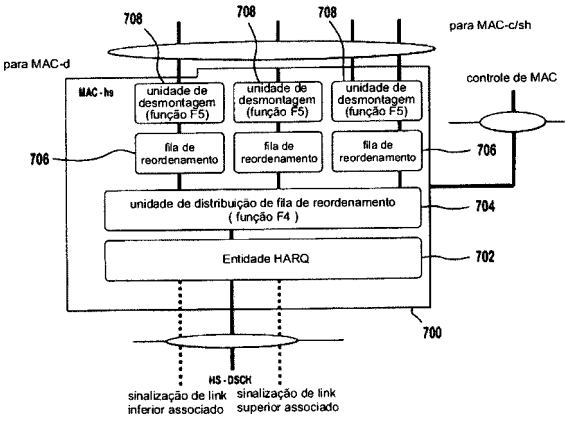

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(51) B60R 7/04 (2006.01), B64D 11/06 (2006.01), B60R 5/00 (2006.01)
(54) " POLTRONA PARA VEÍCULO DE TRANSPORTE COLETIVO E AERONAVE "
(71) AIRBUS (FR)
(72) JÉRÔME ALBERTI
(74) Antonio Mauricio Pedras Arnaud
(85) 02/07/2009
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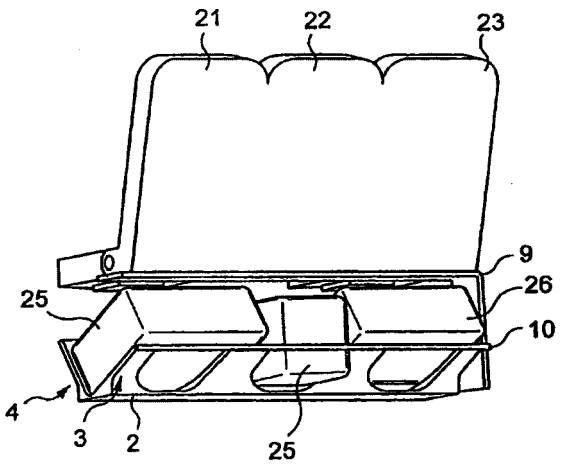

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(51) A61H 7/00 (2006.01)
(54) DISPOSITIVO ANTIENXAQUECA.
(71) JUAN JOSÉ DUELO RIU (ES)
(72) JUAN JOSÉ DUELO RIU
(74) ADVOCACIA PIETRO ARIBONI S/C
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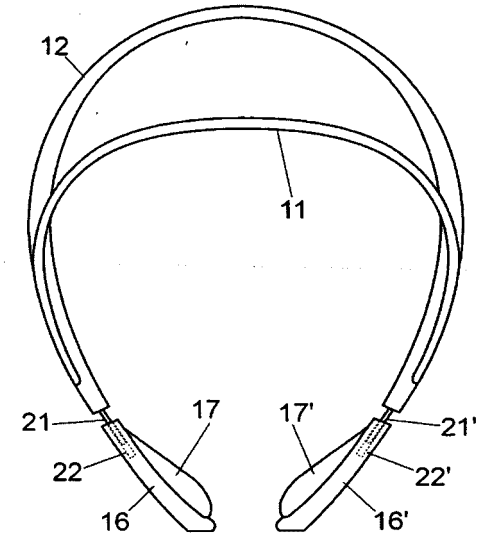

(21) **PI 0720335-7** A2 **1.3**
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(51) G01F 1/66 (2006.01), G01K 17/00 (2006.01), G01N 25/18 (2006.01), E21B 47/10 (2006.01)
(54) "SISTEMA PARA MONITORAMENTO DE TUBULAÇÃO E GARANTIA DE FLUXO E MÉTODO PARA MONITORAMENTO DE TUBULAÇÃO E GARANTIA DE FLUXO"
(71) PRAD RESEARCH AND DEVELOPMENT LIMITED (US)
(72) SONGMING HUANG, YAN KUHN DE CHIZELLE
(74) Antonio Mauricio Pedras Arnaud
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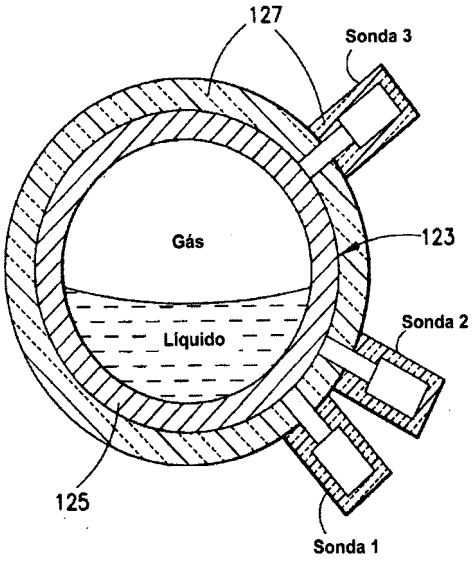

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(30) 12/01/2007 US 60/880,332; 29/03/2007 US 60/920,599
(51) C07C 235/08 (2006.01), C09D 7/12 (2006.01), C07C 67/31 (2006.01), C07C 69/675 (2006.01)
(54) "MONÔMERO TERMINADO POR HIDROXILA, COMPOSIÇÃO CURÁVEL, COMPOSIÇÃO DE MONÔMERO REATIVO, COMPOSIÇÃO DE RESINA CURÁVEL E COMPOSIÇÃO DE REVESTIMENTO"
(71) Dow Global Technologies Inc (US)
(72) FABIO AGUIRRE VARGAS, JIM D. EARLS, ZENON LYSENKO, MAURICE J. MARKS, JERRY E. WHITE
(74) Antonio Mauricio Pedras Arnaud
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(54) "MECANISMO DE PRÓTESE FUNCIONAL PARA MÃO"
(71) LUIS ARMANDO BRAVO CASTILLO (MX)
(72) LUIS ARMANDO BRAVO CASTILLO
(74) Antonio Mauricio Pedras Arnaud
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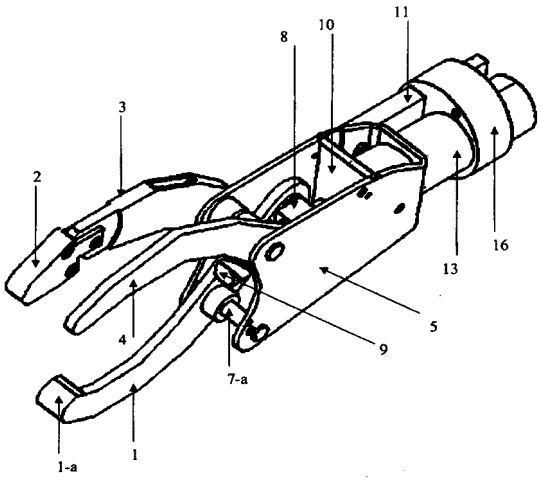

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(51) E21B 33/035 (2006.01), E21B 33/038 (2006.01), E21B 43/36 (2006.01)
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(71) Cameron International Corporation (US)
(72) Ian Donald, John Reid
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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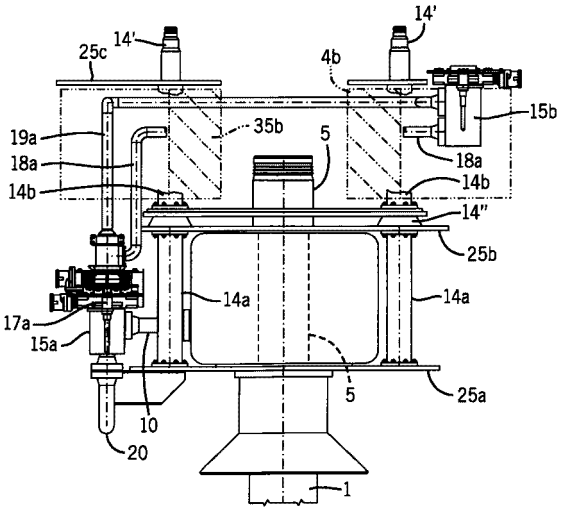

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(71) Jorge Luis Benozzi (AR)
(72) JORGE LUIS BENOZZI
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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(71) Cummins Filtration Ip, Inc (US)
(72) Mark Terres, Scott Schwartz
(74) Hugo Silva, Rosa & Maldonado-Prop. Int.
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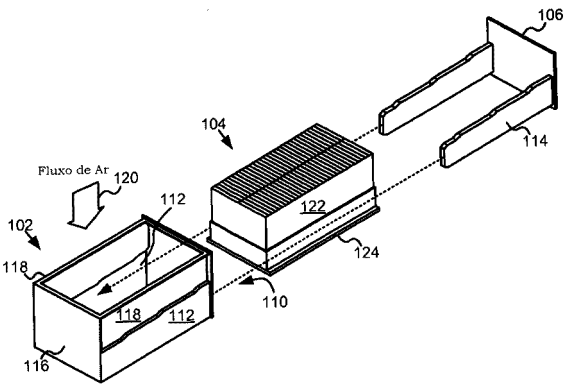

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(71) Abb Research Ltd (CH)
(72) Tord Bengtsson, Stefan Thorburn
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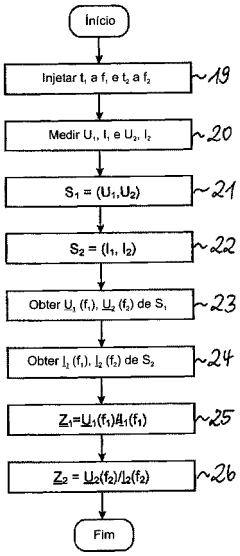

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(54) ACOPLAMENTO SUBMARINO
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(72) Tibbitts, Matthew, Henry
(74) Magnus Aspeby e Claudio Szabas
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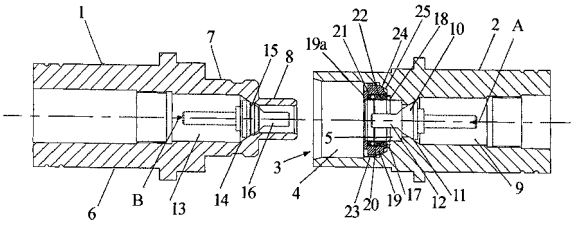

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(71) Scanalyse Pty Ltd. (AU)
(72) Michael Paul Stewart, Derek Lichti, Jochen Franke
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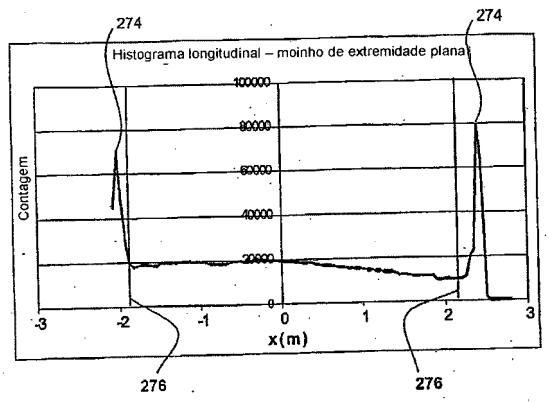

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(51) G01N 33/574 (2006.01), G01N 33/96 (2006.01)
(54) BIOMARCADORES DE CÂNCER.
(71) The University Of Surrey (GB)
(72) Hardev Pandha, Richard George Leonard Morgan
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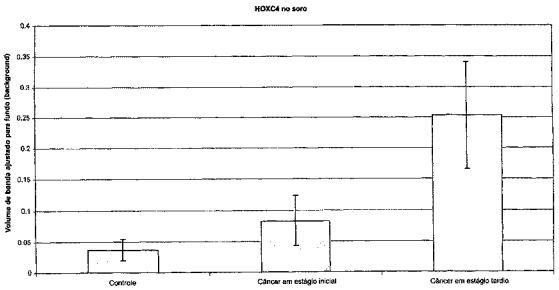

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(51) F01C 21/00 (2006.01), F01C 1/344 (2006.01)
(54) MOTOR FLUIDO COM EFEITO DE FRENAGEM APERFEIÇOADO.
(71) N&G Facility Management Gmbh & Co. Kg (DE)
(72) Dieter Petters, Peter Krebs, Joachim Wiendahl
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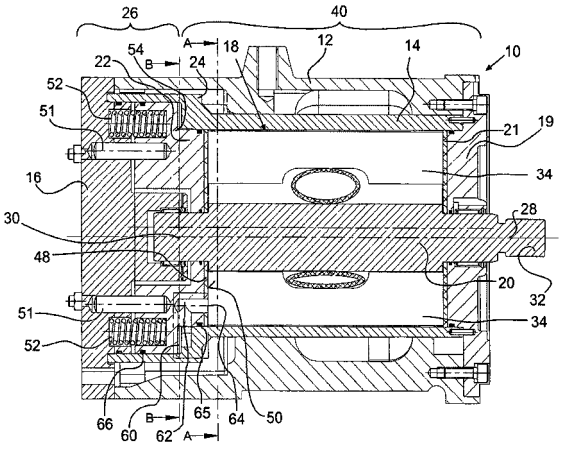

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(51) C11D 3/16 (2006.01), C11D 3/40 (2006.01)
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(71) Unilever N.V. (NL)
(72) Ian Eric Niven, Alyn James Parry, David Christopher Thorley
(74) Atem e Remer Asses. Consult. Prop. Int. Ltda
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(51) A61K 31/165 (2006.01), A61K 31/506 (2006.01), A61P 13/12 (2006.01), A61P 9/08 (2006.01)
(54) COMPOSIÇÃO FARMACÊUTICA QUE USA ALISKIREN E AVOSENTAN.
(71) Novartis Ag (CH)
(72) Christoph Schumacher, Alice Huxley, Christian Zaugg, Ovidiu Baltatu
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(30) 19/12/2006 FI 20061133; 11/12/2007 FI 20070961

(51) B01D 46/04 (2006.01), B01D 46/02 (2006.01), B01D 46/24 (2006.01), B01D 47/06 (2006.01)
(54) MÉTODO E DISPOSITIVO PARA FILTRAÇÃO DE GÁS DE PROCESSO.
(71) Outotec Oyj (FI)
(72) Jankkila, Martti, Niemelä, Pekka, Rantala, Pekka
(74) Magnus Aspeby e Claudio Szabas
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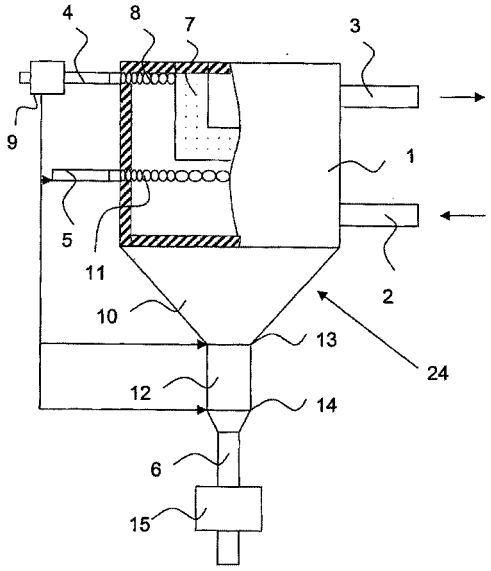

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(51) A61J 1/14 (2006.01), A61J 1/20 (2006.01)
(54) DISPOSITIVO EQUALIZADOR DE PRESSÃO PARA ACESSO A FRASCO
(71) Cardinal Health 303, Inc. (US)
(72) Kenneth W. Whitley, John C. Phillips
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(85) 18/06/2009
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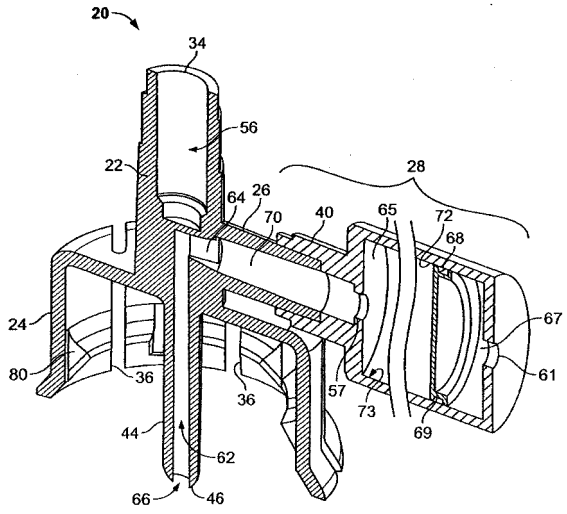

(21) **PI 0720379-9** A2 **1.3**
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(51) B60G 7/02 (2006.01), B60G 9/00 (2006.01), B62D 21/02 (2006.01)
(54) DISPOSIÇÃO DE CHASSI PARA VEÍCULO
(71) Saf-Holland GMBH (DE)
(72) Hubert Koschinat
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(85) 18/06/2009
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(87) WO 2008/074480 de 26/06/2008

(21) **PI 0720380-2** A2 **1.3**
(22) 04/12/2007
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(51) C09C 1/02 (2006.01), C09C 1/42 (2006.01), C09D 1/00 (2006.01), D21H 17/69 (2006.01), D21H 19/40 (2006.01)
(54) PROCESSO DE FABRICAÇÃO DE UMA DISPERSÃO OU DE UMA SUSPENSÃO AQUOSA CONTENDO CARBONATO DE CÁLCIO E CAULIM, E A RESPECTIVA UTILIZAÇÃO NA FABRICAÇÃO DE MOLHOS DE PAPEL COUCHÉ
(71) Coatex S.A.S. (FR)
(72) François Dupont, Jacques Mongoin
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(85) 18/06/2009
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(21) **PI 0720381-0** A2 **1.3**
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(30) 19/12/2006 DE 10 2006 060 567.5
(51) H01F 27/30 (2006.01), H01F 27/32 (2006.01), H01F 41/12 (2006.01)
(54) PROCESSO PARA PRODUÇÃO DE UMA BOBINA DE TRANSFORMADOR, E UMA BOBINA DE TRANSFORMADOR PRODUZIDA DE ACORDO COM ESSE PROCESSO
(71) ABB AG (DE)
(72) Karl Zillmann, Wolfgang Mönig, Benjamin Weber
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(85) 18/06/2009
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(21) **PI 0720406-0** A2 **1.3**
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(30) 19/12/2006 EP 06126514.6
(51) C08L 77/00 (2006.01), C08L 77/06 (2006.01), C08L 51/06 (2006.01), C08L 67/00 (2006.01), C08L 69/00 (2006.01)
(54) COMPOSIÇÃO DE MOLDAGEM TERMOPLÁSTICA, USO DA COMPOSIÇÃO DE MOLDAGEM TERMOPLÁSTICA, E, FIBRAS, FOLHAS, CORPOS MOLDADOS
(71) Basf SE (DE)
(72) Martin Weber, Xaver Hopfenspirger, Steffen Funkhauser, Walter Heckmann, Jörg Schnorr, Raquel Fernandes Rodiles, Raquel Fernandes Rodiles, Rainer Klenz, Hagen Stawitzki, Bernd Bruchmann
(74) Momsen, Leonardos & Cia.
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(21) **PI 0720407-8** A2 **1.3**
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(51) A22C 21/00 (2006.01)
(54) MÉTODO E APARELHO PARA A RETIRADA DE PELE DORSAL DE UMA PARTE DE CARCAÇA DE AVE DOMÉSTICA ABATIDA.
(71) Stork Pmt B.V. (NL)
(72) Petrus Christianus Hendrikus Janssen, Johannes Gerardus Maria Gerrits, Adrianus Josephus Van Den Nieuwelaar
(74) Momsen, Leonardos & Cia.
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(86) PCT NL2007/000316 de 13/12/2007
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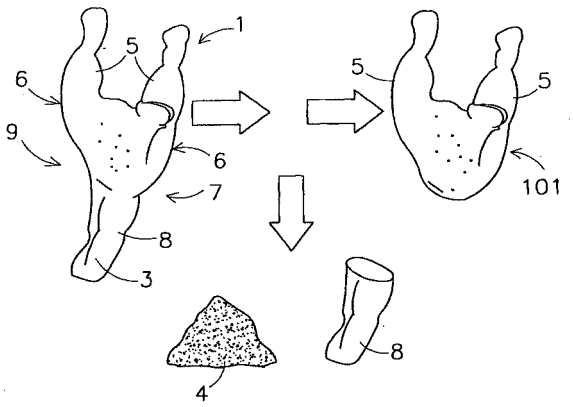

(21) **PI 0720408-6** A2 **1.3**
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(30) 20/12/2006 FR 0655727; 03/01/2007 US 60/883171
(51) A61K 8/89 (2006.01), A61K 8/92 (2006.01), A61Q 1/02 (2006.01), A61Q 19/08 (2006.01)
(54) PROCESSO DE TRATAMENTO COSMÉTICO, E KIT DE TRATAMENTO DE MATERIAL(IS) QUERATÍNICOS(S)
(71) L'Oreal (FR)
(72) Guillaume Cassin
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009

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(51) C07D 301/32 (2006.01)
(54) PROCESSO PARA A REMOÇÃO DE POLI (ÓXIDO DE PROPILENO) DE ÓXIDO DE PROPILENO.
(71) Shell International Research Maatschappij B.V. (NL)
(72) Johannes Gerhardus Joseph Beckers, Johannes Leendert Willem Cornelis Den Boestert, Nigel Wagstaff
(74) Momsen, Leonardos & Cia.
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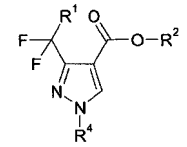
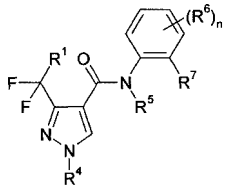
(21) **PI 0720410-8** A2 **1.3**
(22) 20/12/2007
(30) 21/12/2006 EP 06126937.9
(51) C07D 231/14 (2006.01)
(54) PROCESSOS PARA A PREPARAÇÃO DE COMPOSTO, PARA A PREPARAÇÃO DE AMIDAS, E, COMPOSTOS.
(71) Basf SE (DE)
(72) Thomas Zierke, Michael Rack
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT EP2007/064390 de 20/12/2007
(87) WO 2008/077907 de 03/07/2008





(21) **PI 0720411-6** A2 **1.3**
(22) 12/12/2007
(30) 21/12/2006 EP 0612693.4
(51) B01J 8/06 (2006.01), B01J 8/04 (2006.01), B01J 35/00 (2006.01), B01J 35/02 (2006.01)
(54) PROCESSO PARA OXIDAÇÃO EM FASE GASOSA, E, SISTEMA CATALISADOR PARA A REALIZAÇÃO DE PROCESSOS DE OXIDAÇÃO EM FASE GASOSA
(71) Basf SE (DE)
(72) Hagen Wilmer, Jürgen Zühlke, Thomas Lautensack, Hans-Martin Allmann, Frank Rosowski, Cornelia Dobner
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT EP2007/063810 de 12/12/2007
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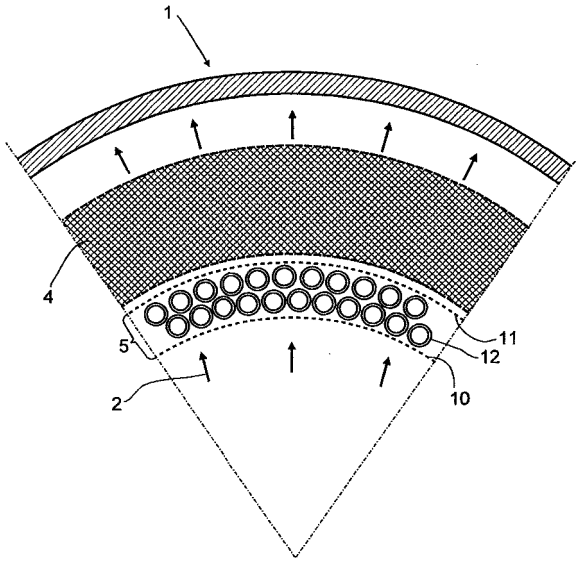
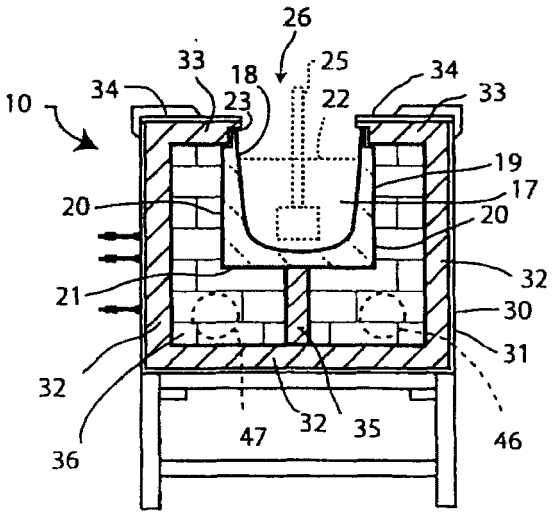
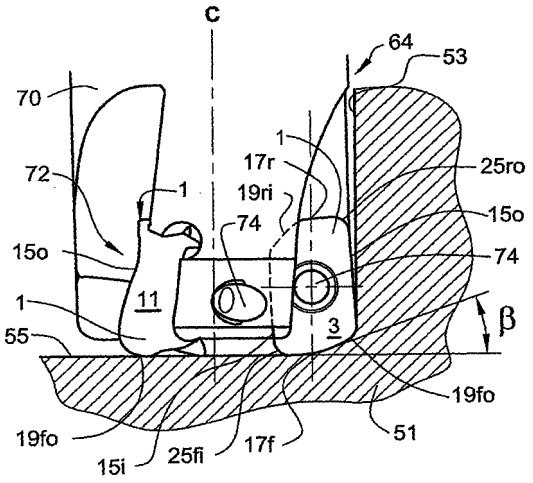
(21) **PI 0720412-4** A2 **1.3**
(22) 14/12/2007
(30) 19/12/2006 DE 10 2006 060 507.1; 20/12/2006 US 60/870945
(51) B01F 5/04 (2006.01), B01J 8/02 (2006.01), B01J 8/04 (2006.01), B01J 8/00 (2006.01)
(54) REATOR, E, PROCESSO PARA REALIZAR REAÇÕES QUÍMICAS ENTRE DOIS MATERIAIS DE PARTIDA FLUIDOS SOBRE UM LEITO DE CATALISADOR EM UM REATOR
(71) Basf SE (DE)
(72) Gerhard Olbert, Franz Corr, Sven Crone
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT EP2007/063951 de 14/12/2007
(87) WO 2008/074737 de 26/06/2008



(21) **PI 0720413-2** A2 **1.3**
(22) 17/12/2007
(30) 19/12/2006 US 60/876045
(51) B22D 35/06 (2006.01), B01J 19/02 (2006.01), C04B 35/58 (2006.01)
(54) APARELHO DE TRANSFERÊNCIA DE METAL EM FUSÃO E MÉTODOS DE FORNECER CALOR A UM METAL EM FUSÃO QUE ESCOA ATRAVÉS DE UM APARELHO DE TRANSFERÊNCIA DE METAL E DE AQUECER UMA SEÇÃO DE UM CANAL DE TRASNFERÊNCIA DE METAL EM FUSÃO
(71) Novelis INC. (CA)
(72) Jason D. Hymas, Eric W. Reeves, Richard Scott Bruski
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT CA2007/002275 de 17/12/2007
(87) WO 2008/074134 de 26/06/2008



(21) **PI 0720414-0** A2 **1.3**
(22) 27/12/2007
(30) 11/01/2007 IL 180660
(51) B23C 5/22 (2006.01)
(54) INSERTO DE CORTE, E, FERRAMENTA DE CORTE
(71) Iscar LTD. (IL)
(72) Assaf Ballas, Carol Smilovici
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT IL2007/001620 de 27/12/2007
(87) WO 2008/084469 de 17/07/2008



(21) **PI 0720415-9** A2 **1.3**
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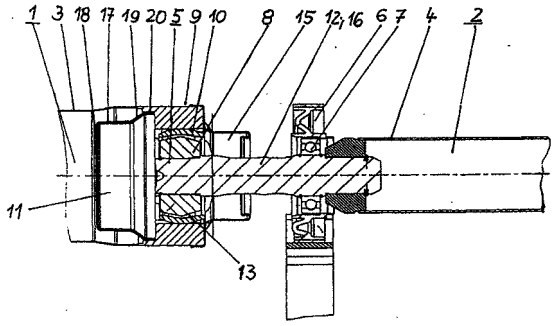
(30) 22/12/2006 DE 10 2006 060 879.8; 29/03/2007 DE 10 2007 015 074.3
(51) F16D 3/227 (2006.01), B60K 17/22 (2006.01)
(54) EIXO DE ACIONAMENTO LONGITUDINAL PARA VEÍCULOS AUTOMOTORES
(71) Ifa-Technologies GMBH (DE)
(72) Sebastian Frost, Christian Korotwa, Gerald Langer
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT DE2007/002224 de 11/12/2007
(87) WO 2008/077371 de 03/07/2008



(21) **PI 0720416-7** A2 **1.3**
(22) 30/11/2007
(30) 14/12/2006 EP 06 025880.3
(51) C07D 413/12 (2006.01), A61K 31/4245 (2006.01), A61K 31/4725 (2006.01), A61P 3/06 (2006.01)
(54) DERIVADOS DE SULFONIL-FENIL-2H-(1,2,4)OXADIAZOL-5-ONAS, PROCESSOS PARA SUA PREPARAÇÃO E SEU USO COMO FARMACÊUTICOS
(71) Sanofi-Aventis (FR)
(72) Stefanie Keil, Matthias Urmann, Karl Schoenafinger, Wolfgang Wendler, Maike Glien, Hans-Ludwig Schaefer, Eugen Falk
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
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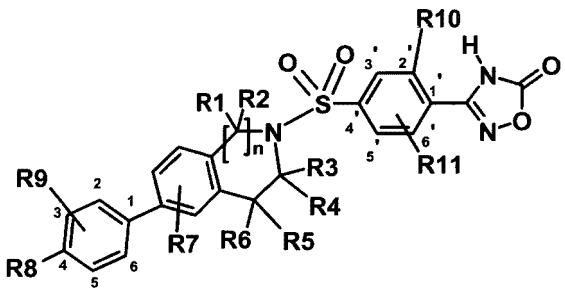

(21) **PI 0720417-5** A2 **1.3**
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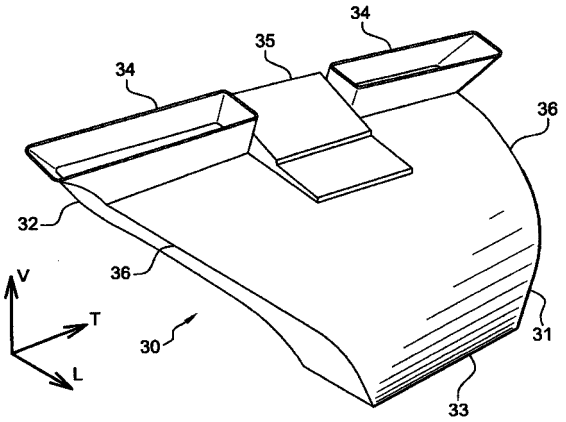
(30) 19/12/2006 FR 0655620
(51) B60H 1/00 (2006.01)
(54) CAIXA DE DISTRIBUIÇÃO E VEÍCULO
(71) Renault S.A.S. (FR)
(72) Flavien Dubief, Cyrelli Pateyron
(74) Custódio de Almeida & Cia
(85) 17/06/2009
(86) PCT EP2007/063257 de 04/12/2007
(87) WO 2008/074630 de 26/06/2008



(21) **PI 0720418-3** A2 **1.3**
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(30) 18/12/2006 AU 2006907079
(51) F24D 1/00 (2006.01), F42D 3/04 (2006.01), F42D 5/00 (2006.01), F42D 99/00 (2009.01)
(54) SISTEMA DE RASTREAMENTO PARA PADRÃO DE PERFURAÇÃO
(71) Global Tracking Solutions PTY Ltd (AU)
(72) John Vicent Moore
(74) Bhering, Almeida & Associados SC Ltda (Katia F de Almeida)
(85) 17/06/2009
(86) PCT AU2007/001957 de 18/12/2007
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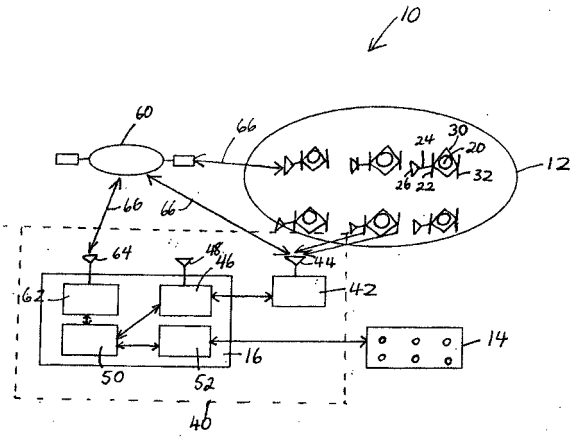
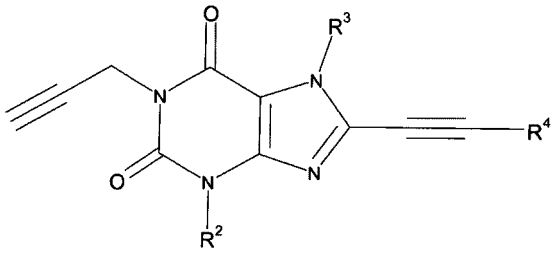


(21) **PI 0720419-1** A2 **1.3**
(22) 19/12/2007
(30) 22/12/2006 EP 06 026739.0; 20/06/2007 US 60/945,248
(51) C07D 473/06 (2006.01), C07D 473/04 (2006.01), A61K 31/495 (2006.01), A61P 25/00 (2006.01)
(54) 8-ETINILXANTINAS E DERIVADOS COMO ANTAGONISTA DE RECEPTOR A2A SELETIVOS
(71) Schwarz Pharma AG (DE)
(72) Christa Mueller, Joerg Hockemeyer, Nikolay Tzvetkov, Joachim Burbiel
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT EP2007/011172 de 19/12/2007
(87) WO 2008/077557 de 03/07/2008



(21) **PI 0720421-3** A2 **1.3**
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(30) 21/12/2006 EP 06 026533.7

(51) C07C 275/24 (2006.01), A61K 31/17 (2006.01), A61P 29/00 (2006.01)
(54) DERIVADOS DE URÉIA DE DIBENZILA SUBSTITUÍDA POR O COMO ANTAGONISTAS DE RECEPTOR DE TRPV1
(71) Pharmeste S.R.L. (IT)
(72) Pier Giovanni Baraldi, Pier Andrea Borea, Pierangelo Geppetti, Francesca Fruttarolo, Maria Giovanna Pavani, Marcello Trevisani
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
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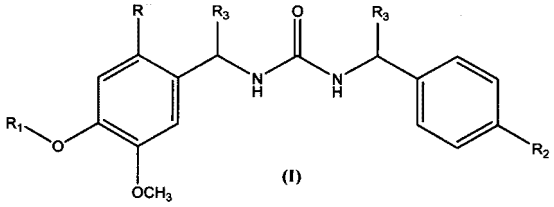
(87) WO 2008/075150 de 26/06/2008



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(21) **PI 0720422-1** A2 **1.3**
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(30) 18/12/2006 US 60/875,444
(51) C07C 2/74 (2006.01)
(54) MÉTODO PARA A REDUÇÃO E/OU PREVENÇÃO DE PRODUÇÃO DE PRODUÇÃO DE UM PRODUTO DE POLÍMERO DE DENSIDADE EXCESSIVAMENTE BAIXA DURANTE TRANSIÇÕES DE POLIMERIZAÇÃO
(71) Univation Technologies, LLC (US)
(72) Bruce J. Savatsky, Daniel P. Zilker, Jr.
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT US2007/025678 de 12/12/2007
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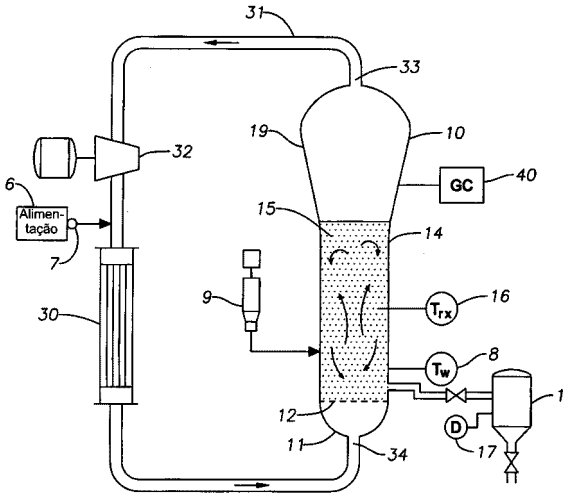
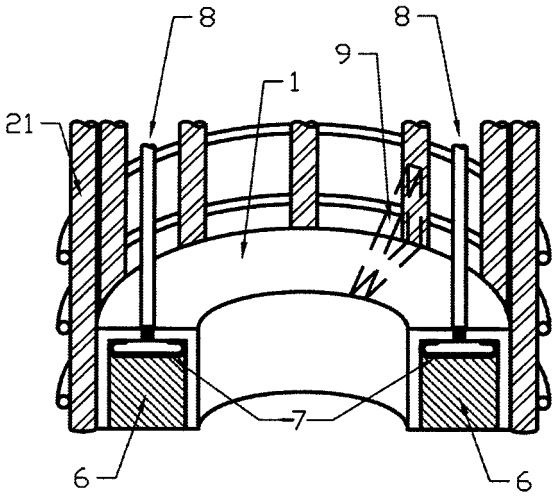


(21) **PI 0720423-0** A2 **1.3**
(22) 19/12/2007
(30) 19/12/2006 US 60/875,665
(51) E02D 33/00 (2006.01)
(54) MÉTODO E APARELHO PARA TESTAR A CAPACIDADE DE SUPORTE DE CARGA UTILIZANDO UMA CÉLULA ANULAR
(71) Loadtest, Inc. (US)
(72) John A. Hayes
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT US2007/088238 de 19/12/2007
(87) WO 2008/077136 de 26/06/2008



(21) **PI 0720424-8** A2 **1.3**
(22) 10/12/2007
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(51) A61K 8/81 (2006.01), A61Q 13/00 (2006.01), A61K 8/06 (2006.01), A61K 8/11 (2006.01), A61Q 5/12 (2006.01), A61Q 5/02 (2006.01)
(54) EMULSÕES CONTENDO FRAGRÂNCIAS ENCAPSULADAS E COMPOSIÇÕES DE CUIDADO PESSOAL
(71) Ciba Holding Inc. (CH)
(72) Stewart Todd Elder, Christina Ligia Andrianov
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT EP2007/063567 de 10/12/2007
(87) WO 2008/074675 de 26/06/2008

(21) **PI 0720425-6** A2 **1.3**
(22) 14/12/2007
(30) 18/12/2006 EP 06 126407.3; 31/01/2007 US 60/898,795
(51) C08K 3/00 (2006.01)
(54) PROCESSO PARA A PREPARAÇÃO DE UM ARTIGO DE BORRACHA RETICULADA
(71) Akzo Nobel N.V. (NL)
(72) Johannes Gerhardus Bernardus Bouwmeester, Robert Alex de Gunst, Hamio Tonnaer
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT EP2007/063969 de 14/12/2007
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(21) **PI 0720426-4** A2 **1.3**
(22) 27/11/2007
(30) 18/12/2006 EP 06 126413.1; 18/12/2006 US 60/875,428
(51) D21H 11/18 (2006.01), D21H 27/38 (2006.01), B32B 29/00 (2006.01), D21H 27/10 (2006.01)
(54) MÉTODO PARA A PRODUÇÃO DE UM PRODUTO DE PAPEL
(71) Akzo Nobel N.V. (NL)
(72) Ylva Wildlock, Anette Monica Heijnesson-Hultén
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT SE2007/050902 de 27/11/2007
(87) WO 2008/076056 de 26/06/2008

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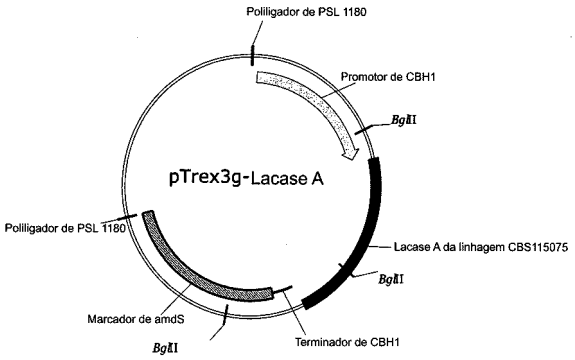
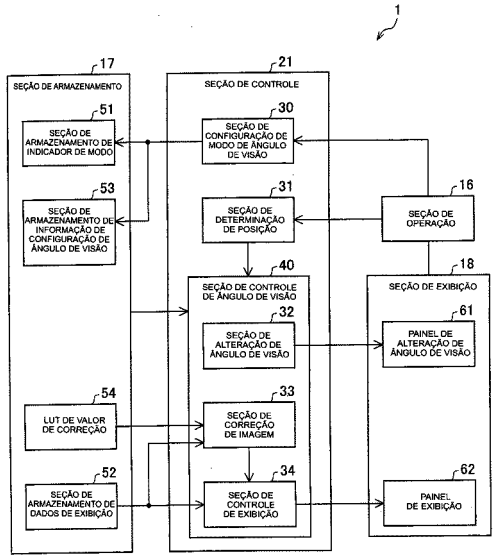
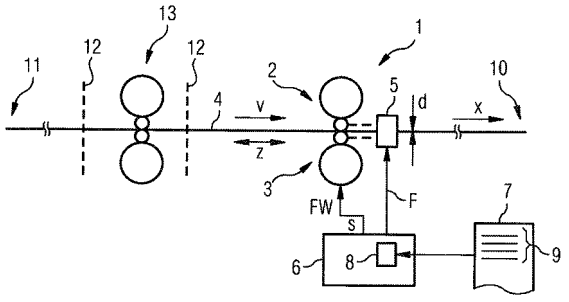
(22) 12/12/2007
(30) 18/12/2006 US 60/875,518; 18/12/2006 US 60/875,454
(51) C12N 9/02 (2006.01), C12N 15/53 (2006.01), D06L 3/00 (2006.01), D06P 5/00 (2006.01)
(54) LACASES, COMPOSIÇÕES E MÉTODOS DE UTILIZAÇÃO
(71) Danisco US Inc., Genencor Division (US)
(72) Joseph C. Mcauliffe, Huaming Wang
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT US2007/025533 de 12/12/2007
(87) WO 2008/076322 de 26/06/2008



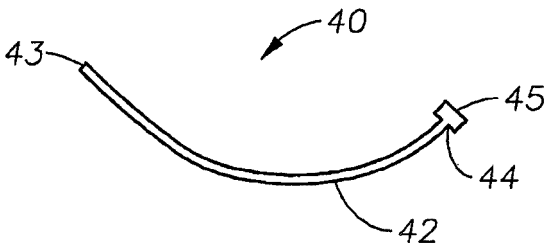
(21) **PI 0720428-0** A2 **1.3**
(22) 12/10/2007
(30) 18/12/2006 JP 2006-340344
(51) G09G 3/36 (2006.01), G02F 1/13 (2006.01), G09G 3/20 (2006.01), H04M 1/00 (2006.01)
(54) DISPOSITIVO VISOR DE CRISTAL LÍQUIDO, DISPOSITIVO TERMINAL PORTÁTIL DE INFORMAÇÃO, MÉTODO DE CONTROLE DE ÂNGULO DE VISÃO, PROGRAMA DE CONTROLE E MEIO DE GRAVAÇÃO
(71) Sharp Kabushiki Kaisha (JP)
(72) Kohji Hotta, Tamaki Nakamura
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT JP2007/069931 de 12/10/2007
(87) WO 2008/075497 de 26/06/2008



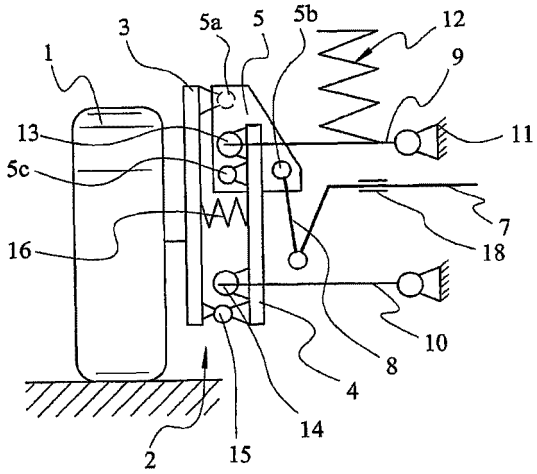
(21) **PI 0720430-2** A2 **1.3**
(22) 19/10/2007
(30) 18/12/2006 DE 10 2006 059 709.5
(51) B21B 37/68 (2006.01)
(54) MÉTODO DE ROLAMENTO PARA UMA TIRA
(71) Siemens Aktiengesellschaft (DE)
(72) Wolfgan Hofer, Markus Martini
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT EP2007/061197 de 19/10/2007
(87) WO 2008/074539 de 26/06/2008



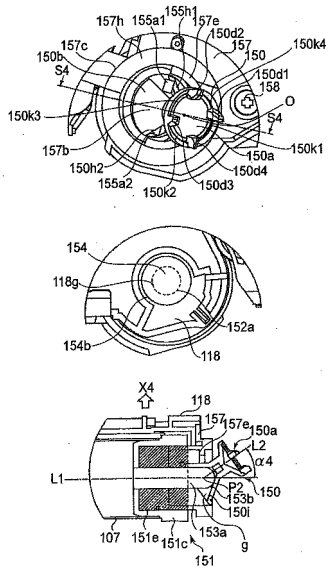
(21) **PI 0720431-0** A2 **1.3**
(22) 08/11/2007
(30) 18/12/2006 US 60/858,143
(51) A61F 9/00 (2006.01)
(54) DISPOSITIVOS E MÉTODOS PARA A DISTRIBUIÇÃO DE FÁRMACO OFTÁLMICO
(71) Alcon Research, Ltd. (US)
(72) Bahram Asgharian, Masood A. Chowhan
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 17/06/2009
(86) PCT US2007/084009 de 08/11/2007
(87) WO 2008/076544 de 26/06/2008



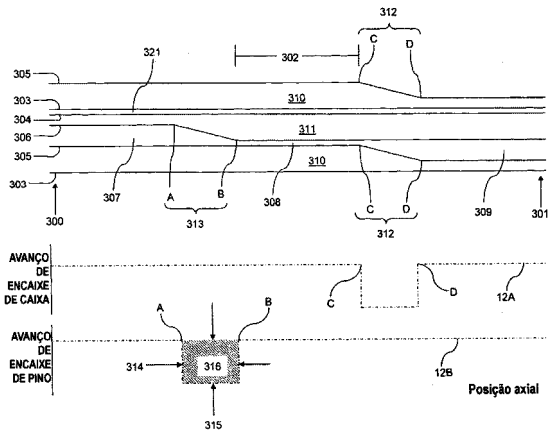
(21) **PI 0720505-8** A2 **1.3**
(22) 04/12/2007
(30) 21/12/2006 DE 10 2006 061 975.7
(51) B60G 3/26 (2006.01), B60G 21/055 (2006.01)
(54) SUSPENSÃO DA RODA
(71) ZF Friedrichshafen AG (DE)
(72) Felix Haeusler, Simon Aramah, Knut Heidsieck
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(85) 19/06/2009
(86) PCT DE2007/002178 de 04/12/2007
(87) WO 2008/074292 de 26/06/2008



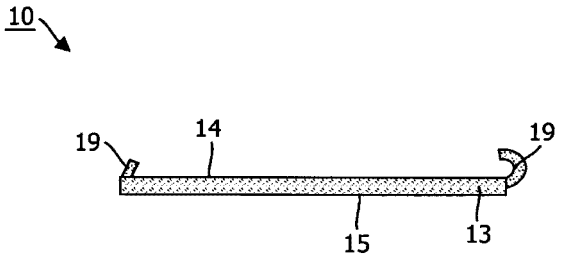
(21) **PI 0720506-6** A2 **1.3**
(22) 25/12/2007
(30) 22/12/2006 JP 2006-346190; 22/02/2007 JP 2007-042665; 21/12/2007 JP 2007-330303
(51) G03G 21/18 (2006.01), G03G 21/16 (2006.01)
(54) CARTUCHO DE PROCESSAMENTO E UNIDADE DE TAMBOR FOTOSSENSÍVEL ELETROFOTOGRÁFICO PARA USO COM UM CONJUNTO PRINCIPAL DE UM APARELHO DE FORMAÇÃO DE IMAGEM ELETROFOTOGRÁFICA E APARELHO DE FORMAÇÃO DE IMAGEM ELETROFOTOGRÁFICA
(71) Canon Kabushiki Kaisha (JP)
(72) Takahito Ueno, Shigeo Miyabe, Masanari Morioka, Masato Hisano
(74) Momsen, Leonardos & Cia.
(85) 17/06/2009
(86) PCT JP2007/075364 de 25/12/2007
(87) WO 2008/078836 de 03/07/2008



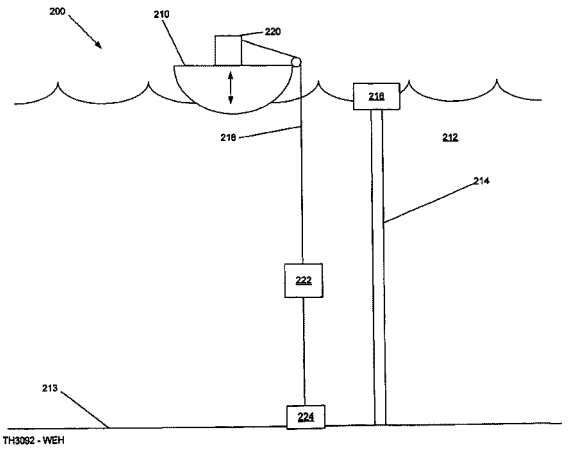
(21) **PI 0720507-4** A2 **1.3**
(22) 20/12/2007
(30) 21/12/2006 US 11/614,655
(51) F16L 15/06 (2006.01)
(54) CONEXÃO ROSQUEADA, MÉTODO DE FORMAÇÃO DE SELO DE ROSCA EM UMA CONEXÃO COMPOSTA POR UM MEMBRO PINO E UM MEMBRO CAIXA, MÉTODO PARA PRODUZIR UMA CONEXÃO ROSQUEADA COMPOSTA POR UMA ROSCA DE PINO E UMA ROSCA DE CAIXA
(71) Hydril Company (US)
(72) David Llewellyn Mallis, Harris A. Reynolds
(74) Claudia Christina Schulz
(85) 17/06/2009
(86) PCT US2007/088364 de 20/12/2007
(87) WO 2008/077143 de 26/06/2008



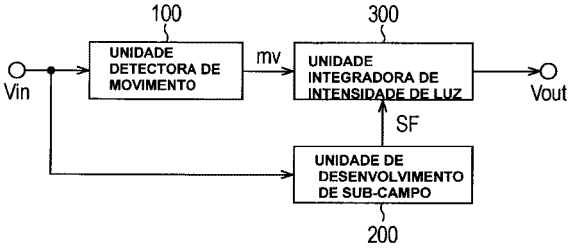
(21) **PI 0720508-2** A2 **1.3**
(22) 02/10/2007
(30) 09/10/2006 EP 06121943.2
(51) D06F 75/38 (2006.01)
(54) SAPATA DE PASSAR A FERRO, MÉTODO PARA FABRICAR A MESMA, E, SISTEMA DE CUIDADO DE VESTUÁRIO.
(71) Koninklijke Philips Electronics N. V (NL)
(72) Vignesh Nathamuni Balaji, Yong Jiang, Pieter J. Werkman, Maarten Van Den Boogaard
(74) Momsen, Leonardos & CIA.
(85) 07/04/2009
(86) PCT IB2007/053991 de 02/10/2007
(87) WO 2008/044165 de 17/04/2008



(21) **PI 0720510-4** A2 **1.3**
(22) 11/10/2007
(30) 13/10/2006 US 60/829441
(51) B63B 21/50 (2006.01)
(54) SISTEMA E MÉTODO DE ISOLAR UMA FERRAMENTA SUBMARINA DO BALANÇO DE UM NAVIO DE SUPERFÍCIE.
(71) Shell Internationale Research Maatschappij B V (NL)
(72) Donald Wayne Allen, Christopher Steven West, William Andrew West
(74) Momsen, Leonardos & CIA.
(85) 07/04/2009
(86) PCT US2007/081105 de 11/10/2007
(87) WO 2008/048852 de 24/04/2008

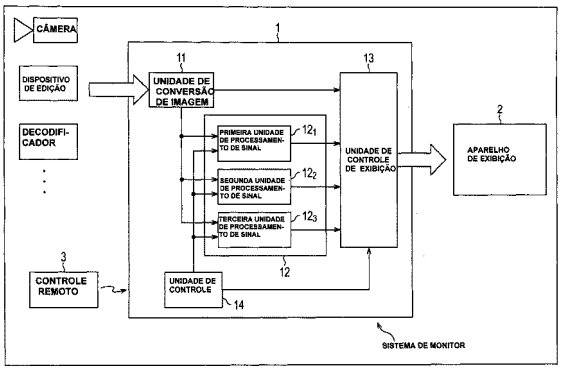


(21) **PI 0720515-5** A2 **1.3**
(22) 18/12/2007
(30) 18/12/2006 JP 2006-340080; 23/02/2007 JP 2007-043161; 28/08/2007 JP 2007-221274
(51) G09G 3/20 (2006.01), G09G 5/00 (2006.01), G09G 5/14 (2006.01), G09G 5/36 (2006.01), G09G 5/377 (2006.01), H04N 17/04 (2006.01)
(54) DISPOSITIVO E MÉTODO DE PROCESSAMENTO DE IMAGEM, E, PROGRAMA
(71) Sony Corporation (JP)
(72) Tetsujiro Kondo, Sakon Yamamoto
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT JP2007/074261 de 18/12/2007
(87) WO 2008/075659 de 26/06/2008

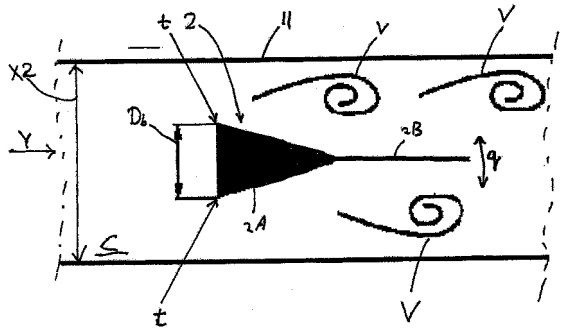


(21) **PI 0720516-3** A2 **1.3**
(22) 18/12/2007
(30) 18/12/2006 JP 2006-340080; 06/11/2007 JP 2007-288456
(51) G09G 5/14 (2006.01), G09G 5/00 (2006.01), G09G 5/36 (2006.01), G09G 5/377 (2006.01), H04N 17/04 (2006.01)
(54) APARELHO E MÉTODO DE CONTROLE DE EXIBIÇÃO PARA CONTROLAR A EXIBIÇÃO DE UMA IMAGEM, E, PROGRAMA PARA FAZER COM QUE UM COMPUTADOR EXECUTE UM PROCESSO DE CONTROLE DE EXIBIÇÃO
(71) Sony Corporation (JP)

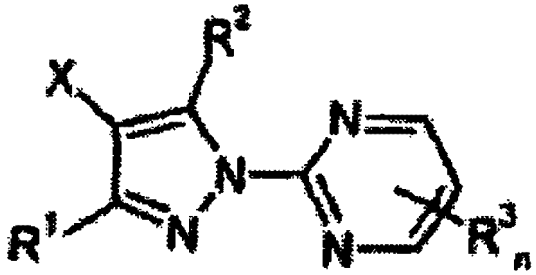
(72) Tetsujiro Kondo
(74) Momsen, Leonardos & Cia.
(85) 18/06/2009
(86) PCT JP2007/074259 de 18/12/2007
(87) WO 2008/075657 de 26/06/2008



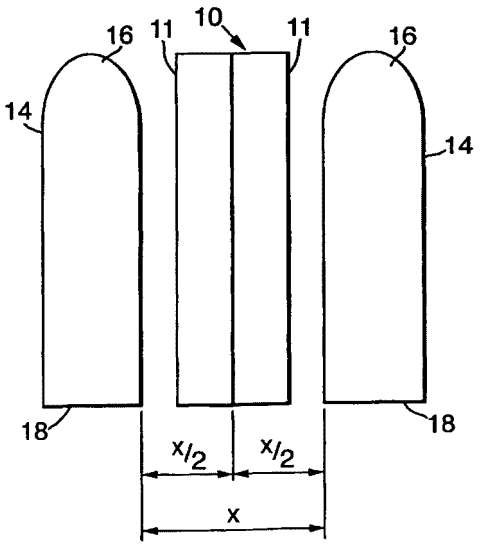
(21) **PI 0720517-1** A2 **1.3**
(22) 18/12/2007
(30) 22/12/2006 EP 060773157
(51) G01F 1/32 (2006.01)
(54) UNIDADE, FLUXÍMETRO E MÉTODO PARA MEDIR UMA VAZÃO DE FLUIDO
(71) Nederlandse Organisatie Voor Toegepast - Natuurwetenschappelijk Onderzoek TNO (NL)
(72) Lun Kai Cheng, Marinus Carolus Adrianus Maria Peters, Wouter Schiferli
(74) Momsen, Leonardos & CIA.
(85) 22/06/2009
(86) PCT NL2007/050665 de 18/12/2007
(87) WO 2008/078996 de 03/07/2008



(21) **PI 0720518-0** A2 **1.3**
(22) 12/12/2007
(30) 20/12/2006 DE 10 2006 060 230.7; 20/01/2007 DE 10 2007 003 036.5
(51) C07D 403/04 (2006.01), A01N 43/54 (2006.01)
(54) PIRIMIDINILPIRAZÓIS COMO SUBSTÂNCIAS ATIVAS INSETICIDAS E PARASITICIDAS
(71) Bayer Cropscience AG (DE)
(72) Jens Frackenpohl, Olaf Gebauer, Silvia Cerezo-Galvez, Mazen Es-Sayed, Ulrich Görgens, Eva-Maria Franken, Olga Malsam, Stefan Schnatterer, Christian Arnold, Peter Lümmen, Hans-Georg Schwarz, Achim Hense, Stefan Werner
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(85) 19/06/2009
(86) PCT EP2007/010839 de 12/12/2007
(87) WO 2008/077483 de 03/07/2008



(21) **PI 0720534-1** A2 **1.3**
(22) 17/12/2007
(30) 18/12/2006 GB 2006004722; 13/06/2007 GB 0711405.1
(51) E04H 9/04 (2006.01), F41H 5/04 (2006.01)
(54) BARREIRA PASSIVA PARA MITIGAR ONDAS DE SOPRO E DESACELERAR MATERIAL INCIDENTE, E, MÉTODO PARA UTILIZAR UMA BARREIRA
(71) The Secretary Of State For Defence (GB)
(72) Ian Barnes, BRYN THOMAS
(74) Momsen, Leonardos & Cia.
(85) 17/06/2009
(86) PCT GB2007/004822 de 17/12/2007
(87) WO 2008/075008 de 26/06/2008

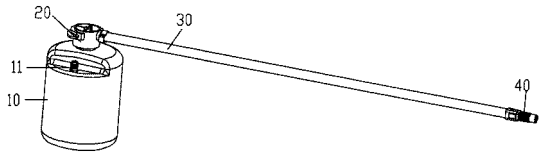


3. Publicação do Pedido

3.1
PUBLICAÇÃO DO PEDIDO DE PATENTE OU DE CERTIFICADO DE ADIÇÃO DE INVENÇÃO

(21) **BR 10 2012 006761-7** A2 **3.1**
(22) 26/03/2012
(30) 25/03/2011 ES P201100346
(51) E06C 7/16 (2006.01), E04G 5/14 (2006.01)
(54) PLATAFORMA DE MANUTENÇÃO
(57) PLATAFORMA DE MANUTENÇÃO - Plataforma de manutenção cujos elementos desmontáveis facilitam sua montagem em qualquer ponto da escada interns ns torre de um aerogerador. Consta de uma superfície horizontal (1) com rodapés laterais (4) para evitar a caída de objetos de tensão (5) que a suportam, ancoragens (2) que se fixam mediante fechos (3) a qualquer degrau da escada e um para peito (9) que se âncora à plataforma e que está reforçada com barras intermediárias (14) e um braço intermediário (15). A plataforma tem uma superfície de trabalho suficiente para um operário e suas ferramentas de manutenção.
(71) Gamesa Innovation & Technology, S.L. (ES)
(72) David Gomez Santamaria, Beinat Gaminde Larreta
(74) MARIA PIA CARVALHO GUERRA

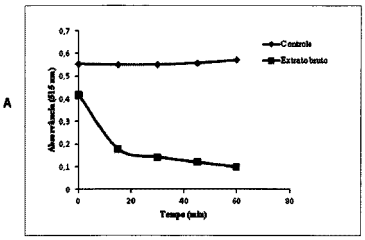
(21) **BR 10 2012 008191-1** A2 **3.1**
(22) 09/04/2012
(30) 21/09/2011 HK 11109963.1
(51) B29C 73/02 (2006.01)
(54) DISPOSITIVO DE REPARO DE PNEUMÁTICOS QUE CONTÉM COLA PARA PNEUMÁTICOS
(57) DISPOSITIVO DE REPARO DE PNEUMÁTICOS QUE CONTÉM COLA PARA PNEUMÁTICOS. Trata-se de um dispositivo de reparo de pneumáticos que compreende: um recipiente 10, o qual armazena cola para pneumáticos, e uma tampa 20, disposta na abertura do recipiente 10. Um tubo-guia para a cola para pneumáticos é incluido na tampa 20, sendo que o tubo-guia inclui uma primeira seção 21, axialmente paralela ao recipiente 10, e uma segunda seção 22, perpendicular à primeira. A segunda seção 22 conecta-se a uma extremidade de um tubo de transferência de fluido 30, sendo um conector 40 disposto na outra extremidade deste, o qual se conecta um pneumático para alimentar a cola para pneumáticos do recipiente 10 a áreas danificadas do pneumático. Um degrau 25 se forma ao longo da parede interna entre uma entrada 211 da primeira seção 21 e uma entrada 221 da segunda seção 22. Um bujão de borracha 24 é disposto entre o degrau 25 e a entrada 211 da primeira seção de tubo 21, e um ponto de conexão entre as seções primeira 21 e segunda 22 é disposto entre o degrau 25 e a extremidade 212 da primeira seção 21.
(71) Top Alliance Technology Limited (VG)
(72) Hui Long Ji
(74) TAVARES PROPRIEDADE INTELECTUAL LTDA.

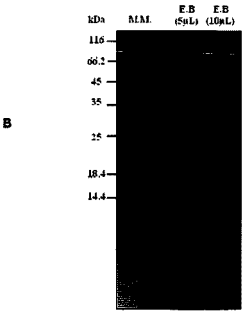


(21) **BR 10 2012 014497-2** A2 **3.1**
(22) 14/06/2012
(30) 16/06/2011 US 13/161,966
(51) G06Q 10/08 (2012.01), G06Q 50/02 (2012.01), G08B 1/08 (2006.01), A01D 46/08 (2006.01), G01S 19/01 (2010.01)
(54) SISTEMA E MÉTODO PARA IDENTIFICAR E LOCALIZAR UM MÓDULO DE ALGODÃO TRANSPORTADO ANTES DA MARCAÇÃO
(57) SISTEMA E MÉTODO PARA IDENTIFICAR E LOCALIZAR UM MÓDULO DE ALGODÃO TRANSPORTADO ANTES DA MARCAÇÃO. Um sistema e método para automaticamente identificar e localizar um módulo de algodão que foi transportado antes da marcação com uma identificação, tal sistema e método localizando o módulo de algodão como uma função de uma localização do módulo de algodão e uma direção de deslocamento de um veículo de descarregamento.
(71) CNH America LLC (US)
(72) Christopher A. Foster, Justin R. Ringwald, Thomas H. Brown JR., Jesse H. Osborn, Trent A. Haggard, Douglas S. Fitzkee, Kevin S. Richman, John H. Posselius
(74) Guilherme de Mattos Abrantes

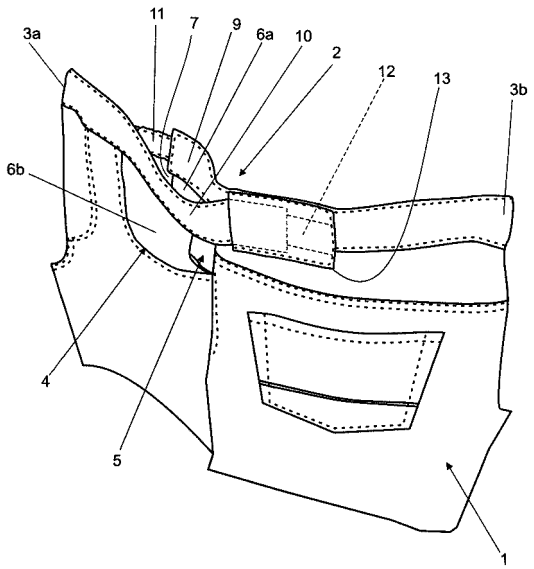
(21) **BR 10 2012 014694-0** A2 **3.1**
(22) 15/06/2012
(30) 16/06/2011 US 61/497,727
(51) G01V 1/13 (2006.01), G01V 1/38 (2006.01)
(54) MÉTODO E DISPOSITIVO PARA AQUISIÇÃO SÍSMICA MARINHA
(57) MÉTODO E DISPOSITIVO PARA AQUISIÇÃO SÍSMICA MARINHA Um método e sistema para melhorar a distribuição de azimute. O sistema inclui flâmulas plurais rebocadas por um navio de flâmula; uma fonte central rebocada de navio de flâmula; uma primeira e uma segunda fontes frontais, localizadas em frente às flâmulas plurais ao longo de um a direção itinerante do navio de flâmula; e uma primeira e uma segunda fontes de cauda localizadas atrás das flâmulas plurais ao longo da direção itinerante. A distância de deslocamento entre a primeira e a segunda fontes de cauda, ao lonogo de uma direção linha de cruzamento , é maios do que uma distância de deslocamento entre a primeira e a segunda fontes frontais.
(71) CGGVERITAS SERVICES SA (FR)
(72) Damian A. Hite
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA

(21) **BR 10 2012 033587-5** A2 **3.1**
(22) 28/12/2012
(30) 29/12/2011 BR PI 1107187-7
(51) A61K 36/07 (2006.01), A61K 31/4706 (2006.01), A61P 33/06 (2006.01)
(54) COMPOSIÇÃO FARMACÊUTICA ANTIMALÁRICA E USO
(57) COMPOSIÇÃO FARMACÊUTICA ANTIMALÁRICA E USO A presente invenção refere-se ao desenvolvimento de composições farmacêuticas, obtidas a partir do extrato aquoso e/ou liofilizado de Agaricus blazei e de suas frações, em associação ou não à cloroquina, para o tratamento da malária.
(71) Universidade Federal de Minas Gerais (BR/MG) , Minasfungi do Brasil (BR/MG)
(72) Fabiana Simão Machado, Cynthia Honorato Val, Fátima Maria Caldeira Brant Costa, Lísia Maria Esper, Bruno Cabral de Lima Oliveira, Jamil Silvano de Oliveira, Elândia Aparecida dos Santos, Carlos Alberto Pereira Tavares, Marcelo Matos Santoro, William César Bento Régis



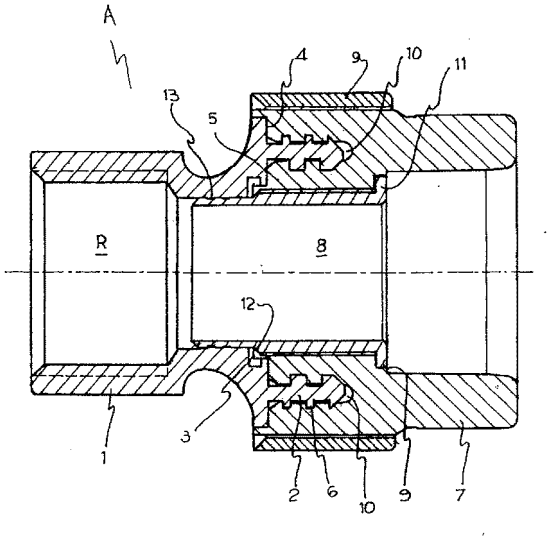


(21) **BR 20 2012 012439-0** U2 **3.1**
(22) 24/05/2012
(51) A41F 9/00 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CÓS DE ROUPA
(57) DISPOSIÇAO CONSTRUTIVA APLICADA EM CÓS DE ROUPA, desenvolvida para que uma roupa usual (1), feminina ou masculina, seja ela uma calça, bermuda, saia, vestido ou similar, possa incluir uma montagem elástica em um trecho interrompido (2) dividindo o cós em dois seguimentos, um frontal (3a) e um traseiro (3b), de modo que tal montagem elástica nos seus dois lados, esquerdo e direito, sejam suficientes para que o ajuste do cós possa aumentar ou diminuir automaticamente em dois ou mais números e proporcionar mais conforto ao usuário, principalmente nos movimentos de sentar e levantar ou outros que exigem flexibilidade da cintura.
(71) RENATA MOISÉS IWAMIZU SILVA (BR/SP)
(72) RENATA MOISÉS IWAMIZU SILVA
(74) RICCI & ASSOC. PROPR. INTELEC. S/S LTDA.

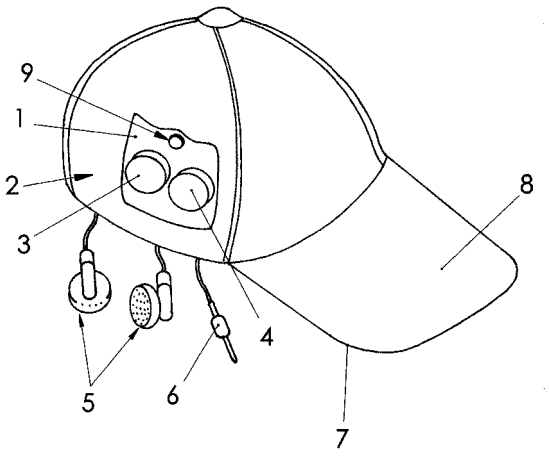


(21) **BR 20 2012 014343-2** U2 **3.1**
(22) 13/06/2012
(30) 10/01/2012 AR M12 01 00066
(51) F16L 13/007 (2006.01)
(54) ACOPLAMENTO PLÁSTICO-METÁLICO
(57) ACOPLAMENTO PLÁSTICO-METÁLICO. Um acoplamento plástico-metálico (A) constituído por: - um inserto metálico (1) do qual uma de suas extremidades é rosqueada (R) enquanto que a outra de suas extremidades possui uma projeção tubular (2) que se estende para fora, definindo um setor circular plano externo (4) e um setor circular plano interno (5) em ambos lados de dita projeção tubular (2), projetando-se desde dito setor circular plano interno (5) e em ângulo reto um ressalto (3), e incluindo dita projeção tubular (2) nervuras (6) dispostas em sua superfície externa e/ou interna; - um inserto plástico (7) que se insere em dita projeção tubular (2), o diâmetro externo de dito inserto plástico (7) corresponde substancialmente com o dito setor circular externo (4), e o diâmetro interno de dito inserto plástico (7) corresponde

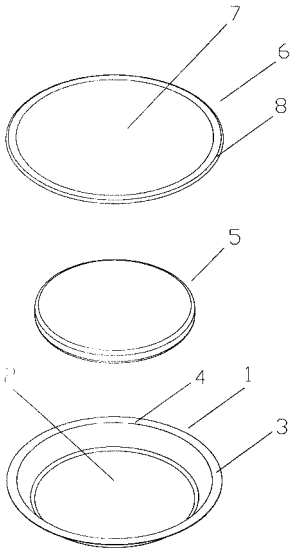
substancialmente com o de dito setor circular interno (5), e tem praticado, em uma de suas extremidades, um recesso circular (10) dentro do qual se insere dita projeção tubular (2), até chegar a encostar de topo com ditos setores circulares externo e interno (4,5) de dito inserto metálico (1), incluindo o diâmetro interno de dito inserto plástico (7) em degrau (9) de maneira que a outra de suas extremidades possua um diâmetro interno maior; - um manguito tubular metálico (8) disposto a pressão no interior de dito inserto plástico (7), cuja superfície externa copia a superfície interna de dito inserto plástico (7), encostando de topo durante sua inserção em dito grau (9) mediante uma coroa circular (11) que se projeta desde a superfície externa de dito manguito (8), e em dito ressalto (3) mediante um ombro de retenção (12) preferivelmente chanfrado, e incluindo na continuação de dito ombro de retenção (12) dita superfície externa canaletas (13) para melhorar a fixação de dito manguito (8) a dito inserto metálico (1); e - um anel circular metálico (9) disposto a pressão e exteriormente a dito inserto plástico (7) na região de inserção com dito inserto metálico (1).
(71) Eduardo Felipe May (AR)
(72) Eduardo Felipe May
(74) Kasznar Leonardos Propriedade Intelectual



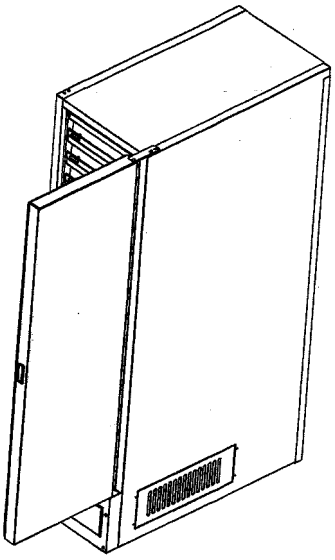
(21) **MU 9000830-8** U2 **3.1**
(22) 11/06/2010
(51) A42B 3/30 (2006.01), A42B 1/00 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM BONÉ
(57) DISPOSIÇÃO CONSTRUTIVA APLICADA EM BONÉ, contendo um rádio (1) embutido nele, contendo botão de sintonia (3) e de volume (4), conector (6), fones de ouvido (5) e antena (7) embutida no corpo do boné.
(71) Vera Regina de Andrade Rossetto (BR/RS)
(72) Luiz Fernando de Andrade
(74) Marpa Consultoria & Assessoria Empresarial Ltda



(21) **MU 9000839-1** U2 **3.1**
(22) 09/06/2010
(51) B65D 1/34 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM BANDEJA
(57) DISPOSIÇÃO CONSTRUTIVA APLICADA EM BANDEJA. O presente modelo de utilidade refere-se a uma nova disposição construtiva aplicada em bandeja, dotada de sistema de resfriamento de superficie. O objetivo do presente modelo de utilidade compreende um corpo inferior (1) dotado de concavidade central (2) e borda (3) provida de conformação angular (4). O corpo inferior (1) recepciona, na concavidade central (2), um compartimento o qual pode ser uma bolsa (5), contendo em seu interior um material de fácil congelamento, podendo ser um gel, solido, pastoso ou liquido, de altura levemente inferior a concavidade central (2), permitindo a criação da área de dilatação (9) Sobre o corpo inferior (1) repousa uma calota superior (6) dotada de leve concavidade central (7), com objetivo de permitir a expansão da bolsa (5) quando congelada, e provida de uma borda (8) que depois de dobrada sobre a borda (3) do corpo inferior (1), aprisiona a bolsa (5) tornando a bandeja hermeticamente fechada.
(71) Soprano Eletrometalúrgica e Hidráulica Ltda (BR/RS)
(72) Gustavo Miotti
(74) Capella & Veloso Associado Ltda

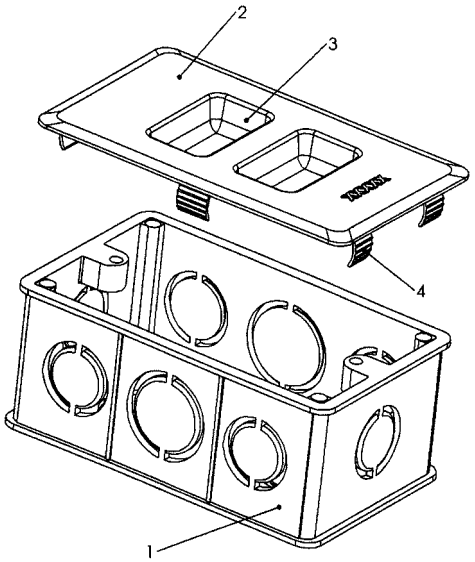


(21) **MU 9000844-8** U2 **3.1**
(22) 04/06/2010
(51) F25D 13/02 (2006.01)
(54) MODULO DE ARMAZENAMENTO COM SISTEMA DE REFRIGERAÇÃO
(57) MODULO DE ARMAZENAMENTO COM SISTEMA DE REFRIGERAÇÃO. Modulo de armazenamento com sistema de refrigeração, que em apenas um elemento, conjuga a função de armazenar e refrigerar medicamentos que necessitam de refrigeração, constituído por uma unidade refrigeradora com isolamento térmico, espaço nas laterais e traseira, gavetas com perfurações e puxadores que formam uma barreira física que impedem a saída do ar refrigerado
(71) Gustavo Rodrigues Pereira (BR/MG) , Ricardo Eustáquio Righi Reis (BR/MG)
(72) Gustavo Rodrigues Pereira, Ricardo Eustáquio Righi Reis
(74) PROPRIA ASSESSORIA E CONSULTORIA MARCAS E PATENTES

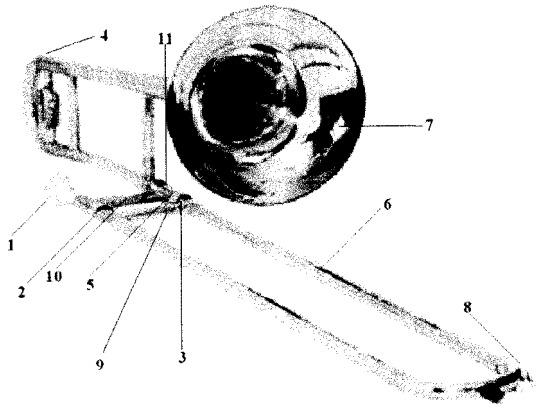


(21) **MU 9000856-1** U2 **3.1**
(22) 09/06/2010
(51) H02G 3/08 (2006.01)
(54) TAMPA PARA CAIXA DE LUZ
(57) TAMPA PARA CAIXA DE LUZ Patente de Modelo de Utilidade da Tampa para caixa de luz, compreendida por caixa de luz conforme as já existentes no mercado, utilizadas em paredes e tetos, Fig. 1,2,3 tampas (2) de fácil remoção (3) de fácil encaixe (4) caracterizada por evitar a entrada de concreto na caixa durante o processo construtivo, facilitando de forma significativa o trabalho de acabamento por evitar limpeza e possível deslocamento da caixa nesse processo.

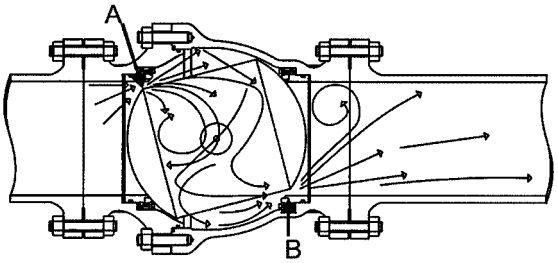
(71) Antonio Aldori Novalski (BR/PR)
(72) Antonio Aldori Novalski



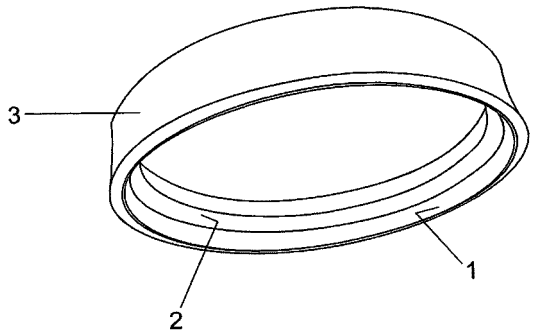
(21) **MU 9000866-9** U2 **3.1**
(22) 28/05/2010
(51) C10M 101/00 (2006.01)
(54) LUBRIFICANTE ECOLÓGICO ADEQUADO PARA INSTUMENTOS MUSICAIS, MECANISMOS DELICADOS E CONGÊNERES
(57) LUBRIFICANTE ECOLÓGICO ADEQUADO PARA INSTRUMENTOS MUSICAIS, MECANISMOS DELICADOS E CONGÊNERES. O relatório descritivo deste Modelo de Utilidade é destinado preferencialmente para lubrificar instrumentos musicais apesar de que também pode ser aplicado na lubrificação de outros mecanismos delicados e que exijam notória fluidez e minimize o atrito entre as partes envolvidas. A composição do produto objeto deste Modelo de Utilidade apresenta os seguintes insumos: Óleo mineral, Propileno glicol, cera de abelha e creme croda-base
(71) Cristiano Brito Coutinho (BR/PB)
(72) Cristiano Brito Coutinho



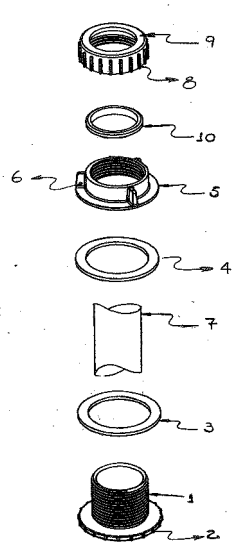
(21) **MU 9000870-7** U2 **3.1**
(22) 22/03/2010
(51) F16K 5/08 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA EM SISTEMA DE ACIONAMENTO PARA VÁLVULA
(57) DISPOSIÇÃO CONSTRUTIVA EM SISTEMA DE ACIONAMENTO PARA VÁLVULA . É descrita uma disposição construtiva em sistema de acionamento para válvula que compreende duas sedes (10) dotadas de molas helicoidais (60), um obturador (20), um came superior (30) e um came inferior (40) fixados no obturador (20) através de meios de fixação (21) e uma haste (50) engastada no obturador (20) através de pinos de arraste (51). Acionando a haste (50) que está engastada no obturador (20), os cames superior (30) e inferior (40) comprimem as molas helicoidais (60), afastando as sedes (10) da superfície do mesmo, permitindo o movimento livre de 900 do obturador (20), onde o afastamento uniforme das sedes (10) do obturador (20) evita o ciclo de expansão-compressão-expansão.
(71) Lupatech S/A (BR/RS)
(72) Marcos Tochio Nagassi Ortiz
(74) Mario de Almeida Marcas e Patentes Ltda



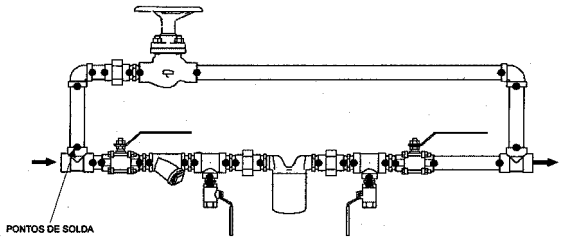
(21) **MU 9000893-6** U2 **3.1**
(22) 22/06/2010
(51) B29D 29/08 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CORREIA DE TRANSMISSÃO
(57) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CORREIA DE TRANSMISSÃO compreendida por um corpo (1) em poliuretano de formato anelar provido internamente de um ressalto (2) circundante interno sendo a parte externa formada por uma capa (3) anelar que abraça a parte interna (1) e de maneira variante uma capa (4) anelar provida de uma pluralidade de furos (5) e de dois canais (6) e (7) de secção retangular, que também abraça a parte interna (1).
(71) JOSÉ APARECIDO TEIXEIRA (BR/SP)
(72) JOSÉ APARECIDO TEIXEIRA
(74) PRINCESA MARCAS E PATENTES LTDA



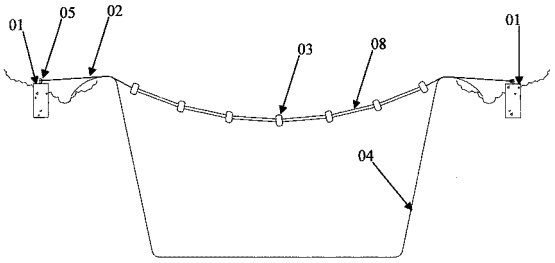
(21) **MU 9000948-7** U2 **3.1**
(22) 09/06/2010
(51) F16L 23/16 (2006.01)
(54) FLANGE DE PASSAGEM E VEDAÇÃO
(57) FLANGE DE PASSAGEM E VEDACÃO Patente de Modelo de Utilidade que apresenta uma flange de passagem para conectar dois pontos através de uma peça cilíndrica (1) flangeada que transpassa o objeto a ser instalado e recebe anel de vedação (3) e rosca flangeada (5) com aletas (6) para facilitar o aperto e termma com uma rosca (8) e anel de vedação (9) sobre o tubo (7) passante, fechando assim o dispositivo que retém mau cheiro e vazamento.
(71) ADILSON CAMPOS DE BARROS (BR/SP)
(72) ADILSON CAMPOS DE BARROS



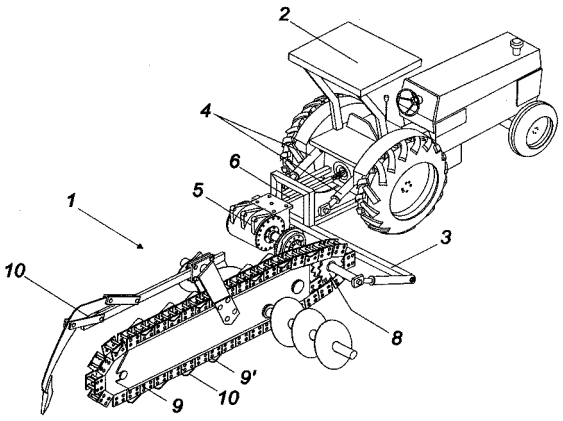
(21) **MU 9000954-1** U2 **3.1**
(22) 16/06/2010
(51) F16T 1/48 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CONJUNTO COMPLETO DE DRENAGEM DE CONDENSADO EM SISTEMAS DE VAPOR
(57) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CONJUNTO COMPLETO DE DRENAGEM DE CONDENSADO EM SISTEMAS DE VAPOR A presente patente diz respeito a um conjunto completo de drenagem de condensado para sistemas de vapor, a qual permite a realização de todas as funções de instalações típicas para sistemas de drenagem. Sua disposição construtiva permite o uso de vários tipos de purgadores com conexão universal, apresentando, ainda, um recipiente para instalação de um sensor que pode ser capacitivo, para detectar a presença de condensado e assim emitir um sinal processado para comandar a abertura do purgador e descarga do condensado, apresentando um único elemento (11) composto por um corpo manifold (11), o qual está habilitado a receber outros elementos como o purgador (5), válvulas de bloqueio (6), filtro (7) e sensor de condensado (10) através de alojamentos (12, 13, 14 e 15) apropriados, sendo que o alojamento (12) é utilizado para as válvulas de bloqueio (6, 6a e 6b), o alojamento (13) para o sensor, o alojamento (14) para o purgador ou purgadores (5) que poderá ser na sua parte superior ou posterior, e o alojamento (15) para o filtro (7), os quais são Interligados entre si por meio de canais internos, apresentando ainda um canal by pass (16).
(71) CLÁUDIO DEZIDÉRIO (BR/SP)
(72) CLÁUDIO DEZIDÉRIO
(74) EDNÉA CASAGRANDE PINHEIRO



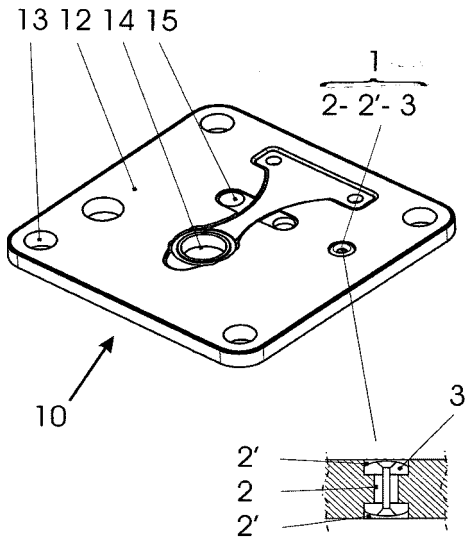
(21) **MU 9001040-0** U2 **3.1**
(22) 22/07/2010
(51) E03B 11/02 (2006.01)
(54) CONFIGURAÇÃO APLICADA EM CISTERNA
(57) CONFIGURAÇÃO APLICADA EM CISTERNA. A presente patente do modelo de utilidade tem por objetivo um modelo de cisterna, que terá característica de uma maior capacidade de armazenamento com um menor custo na sua fabricação. Esta cisterna é composta basicamente por um escavo no chão, revestido por uma geomembrana que é um polietileno de alta densidade, esta cisterna recebe uma cobertura fabricada do mesmo material, que é sustentada por fios de nylon com o auxilio de bóias. A cisterna possui entradas de água na superfície de cobertura que não deixam a luz solar entrar diretamente em contato com a água, e desta forma retardando o aparecimento de algas. A água poderá ser captada por telhados próximos à cisterna e também pela própria cobertura da cisterna, ou ainda por superfícies especificas para isto.
(71) Altair da Silva (BR/SC)
(72) Altair da Silva
(74) Catiane Zini Borela



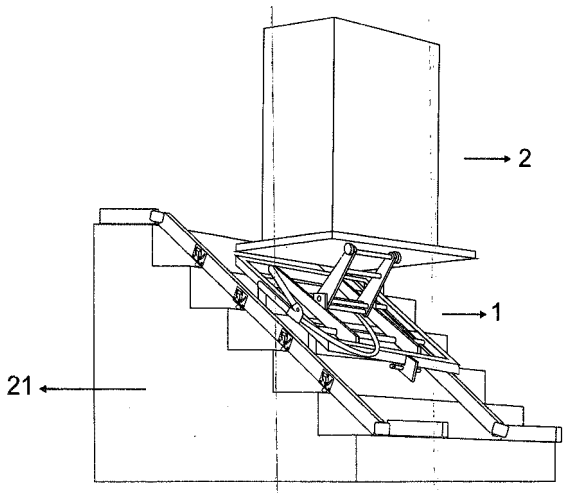
(21) **MU 9001372-7** U2 **3.1**
(22) 31/08/2010
(51) E02F 5/02 (2006.01)
(54) DISPOSIÇÃO APLICADA EM VALETADEIRA
(57) DISPOSIÇÃO APLICADA EM VALETADEIRA consiste de um equipamento (1) conjugado ao trator (2), por meio de um suporte (3) composto de amortecedores (4), que vão fixados ao trator (2), fazendo assim a união do equipamento (1) ao trator (2) e em uma das laterais do equipamento (1), tem-se uma caixa mecânica (5), composta por coroa e pinhão (não representado), que tem o seu eixo (6) ligado ao ponto de tração do trator (2) por meio de cruzetas (7).
(71) PAULO ERNESTO RUVIERI CARVALHO (BR/SP)
(72) PAULO ERNESTO RUVIERI CARVALHO
(74) ANA PAULA BARBOSA NAHES ESPERANÇOLO



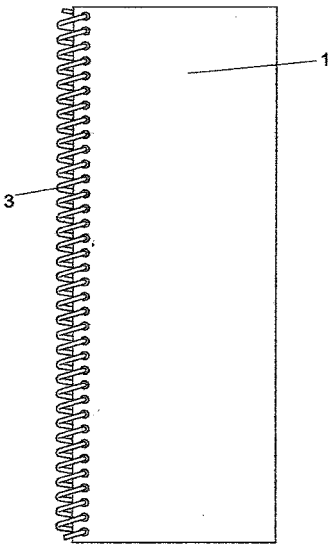
(21) **MU 9001684-0** U2 **3.1**
(22) 27/09/2010
(51) F04B 39/00 (2006.01)
(54) DISPOSIÇÃO EM FIXAÇÃO DE LÂMINAS EM PLACA DE VÁLVULAS
(57) DISPOSIÇÃO EM FIXAÇÃO DE LÂMiNAS EM PLACA DE VÁLVULAS O presente resumo refere-se a uma patente de modelo de utilidade para fixação (1) de lâminas de válvulas de sucção (11) e de descarga (11)' de placa de válvulas -(10), pertencente ao campo dos componentes de c&mpressores, particul armente compressores herméticos (30) para refrigeração: doméstica, comercial, condicionadores de ar, bombas de calor e/ou similares; dita fixação (1) sendo formada por furo (2) que recebe rebite (3) dotado de alojamentos (2)', que alojam os remanches do rebite (3) de modo a que estes não fiquem projetados em relação às superfícies da placa de válvulas (10).
(71) TECUMSEH DO BRASIL LTDA. (BR/SP)
(72) MARCELO RIBEIRO PASCHOALINO
(74) SIGILO'S MARCAS E PATENTES S/C LTDA.



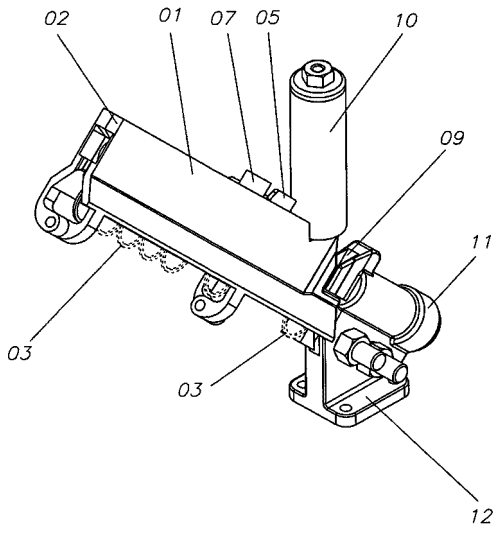
(21) **MU 9001685-8** U2 **3.1**
(22) 24/09/2010
(51) B66B 9/04 (2006.01), B66B 9/06 (2006.01)
(54) EQUIPAMENTO PARA TRANSPORTE DE CAIXAS ELETRÔNICOS, COFRES E SIMILARES
(57) EQUIPAMENTO PARA TRANSPORTE DE CAIXAS ELETRONICOS, COFRES E SIMILARES. Refere-se o presente objeto a um equipamento para o transporte de caixas eletrônicos, cofres, bastidores de telefonia e similares, por escadas, em caminhões e locais de difícil acesso, através de uma plataforma hidráulica ou eletro hidráulica, permitindo que os aparelhos fiquem na posição horizontal sem sofrer inclinação, não havendo perigo ou danos aos aparelhos.
(71) WILSON RAMOS DA CRUZ (BR/SP)
(72) WILSON RAMOS DA CRUZ
(74) Ana Paula Mazzei dos Santos Leite



(21) **MU 9001690-4** U2 **3.1**
(22) 21/09/2010
(51) B42B 5/12 (2006.01)
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CADERNO
(57) DISPOSIÇÃO CONSTRUTIVA APLICADA EM CADERNO compreendida por uma capa (1) e contracapa (2) unidas por uma espiral (3) cuja parte interna é preenchida com folhas seccionadas (4), (5), (6) e (7) de maneira a fomentar a parte cognitiva à criança.
(71) HERMÍRIO GERALDO SARGENTIM (BR/SP)
(72) HERMÍRIO GERALDO SARGENTIM

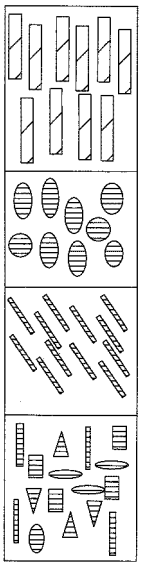


(21) **MU 9001834-6** U2 **3.1**
(22) 20/10/2010
(51) A22C 17/10 (2006.01)
(54) APLICADORA DE LACRES E IDENTIFICADORES
(57) APLICADORA DE LACRES E IDENTIFICADORES, este modelo de utilidade se refere a uma nova disposição criativa em aplicadora de lacres e identificadores, utilizada para aplicação de lacres e identificadores em alimentos embutidos como linguiças, salsichas, salames, e similares, de forma a manter separação e identificação destes produtos, sendo caracterizado por um conjunto dotado de um trilho alimentador (01) disposto de forma inclinada em relação ao conjunto, tendo sua extremidade distal (02) mais alta, onde recebe um conjunto de lacres (03), que podem ser alimentados tanto manualmente quanto automaticamente por um sistema vibratório (04), de forma que pela ação da gravidade os lacres (03) enfileirados deslizam até uma trava (05), de forma que, quando em posição de repouso, esta retém o lacre (03) por meio do ressalto inferior (06), onde, quando acionado o injetor de ar (07), o ressalto superior (08) retém o lacre (03) anterior, ao mesmo tempo em que libera a passagem do lacre (03) que estava preso ou em contato com o ressalto inferior (06) da trava (05); após ser liberado por esta, o lacre (03) é posicionado no alojamento de fechamento (09), onde dois atuadores pneumáticos, um superior (10) e um inferior (11) montado junto a base (12), dotados de extremidades (13) conformadas em acordo com os lacres (03), são ativados por meio de uma haste móvel (14) que é acionada pelo operador, fechando o lacre (03) na seção do embutido.
(71) Flavio Pasquali (BR/SC)
(72) Hélio Luiz Battirola
(74) Nirce Ivete Passini

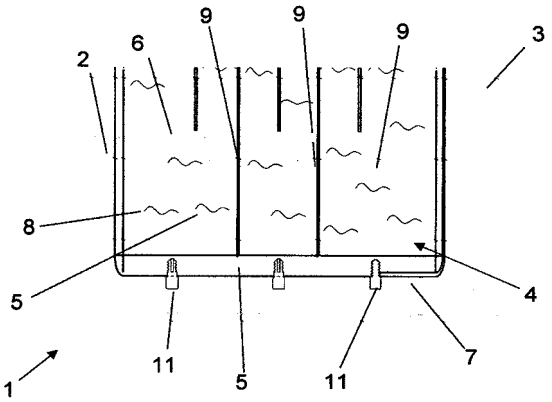


(21) **MU 9002825-2** U2 **3.1**
(22) 10/11/2010
(51) A63B 22/02 (2006.01)
(54) RELEVO DE ESTEIRA PARA O APRIMORAMENTO PROPRIOCEPTIVO EM CAMINHADA NA ESTEIRA ERGOMÉTRICA

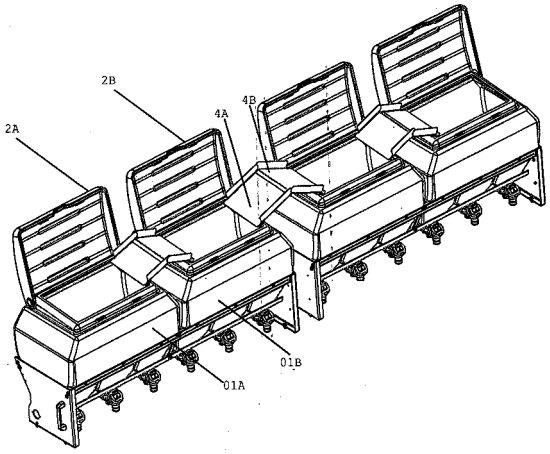
(57) RELEVO DE ESTEIRA PARA O APRIMORAMENTO PROPRIOCEPTIVO EM CAMINHADA NA ESTEIRA ERGOMÉTRICA. O presente modelo de utilidade refere-se a adição de relevo à superfície de caminhada de esteira ergométrica, com o objetivo de promover a melhora da propriocepção do aparelho locomotor. O relevo para a superfície de caminhada da esteira ergométrica apresenta diferentes formas e configurações (lig. 1), com tamanho variável sendo o mínimo de 0,3 cm de altura em relação à parte externa da superfície da lona de esteira ergométrica (flg. 2). O relevo a ser acrescentado à superfície da caminhada pode ser colado ou soldado à lona normalmente utilizada nas diferentes esteiras ergométricas.
(71) Luciano Rocha da Silva (BR/RS)
(72) Luciano Rocha da Silva



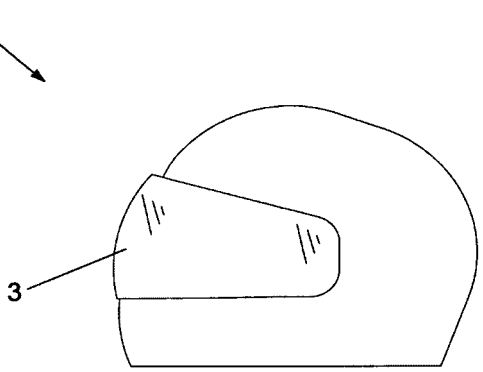
(21) **MU 9003024-9** U2 **3.1**
(22) 13/10/2010
(51) B60K 13/04 (2006.01), F01N 3/00 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM RETENTOR DE PARTÍCULAS POLUENTES ORIUNDAS DE ESCAPAMENTO VEICULAR
(57) DISPOSIÇÃO INTRODUZIDA EM RETENTOR DE PARTÍCULAS POLUENTES ORIUNDAS DE ESCAPAMENTO VEICULAR, tem por objeto um prático e inovador modelo de retentor de partículas poluentes oriundas de escapamento veicular, pertencente ao campo da indústria automobilística, de uso mais precisamente em veículos utilitários móvidos a óleo diesel, tais como ôritbus e caminhões; a disposição é destinada à limpeza de gases pela técnica de lavagem; a configuração do equipamento, em sua nova forma construtiva, compreende um corpo ou estrutura rígida (1) provida internamente de câmaras (4) ligadas em série por aberturas alternadas, ora na porção inferior e ora na porção superior, em cujo interior há água (8); as aberturas alternadas, formadas pelas projeções perpendiculares ou anteparos (5) submetem o gás a uma imersão; quando o gás torna a sair da água (8) na câmara (4) seguinte, passa por um elemento filtrante (9), posicionado na porção limítrofe da água (8), o qual aglomera as partículas, retendo-as em seu corpo; esse ciclo ocorre por quantas câmaras (4) possuírem a estrutura rígida (1).
(71) LUIS ANGEL RAMELLA (BR/SP)
(72) LUIS ANGEL RAMELLA



(21) **MU 9100042-4** U2 **3.1**
(22) 04/01/2011
(51) A01C 3/04 (2006.01), A01C 7/06 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM DEPÓSITO DE FERTILIZANTES PARA PLANTADORAS AGRÍCOLAS
(57) DISPOSIÇÃO INTRODUZIDA EM DEPÓSITO DE FERTILIZANTES PARA PLANTADORAS AGRÍCOLAS do tipo superiormente fechado por pelo menos um alinhamento entre dois depósitos (OlA,OlB) compreendido pelo fato de possuir entre cada um dos depósitos adjacentes uma calha direcionadora (04A,04B) acopláveis entre si, angularmente ajustada e articuladas interna e externamente ao depósito através de uma base de articulação (03A,03B) coplanares aparafusada na borda externa do respectivo depósito, incorporando superiormente duas abas laterais (05A,05B) formando entre si um canal direcional.
(71) BALDAN IMPLEMENTOS AGRÍCOLAS S/A (BR/SP)
(72) RENATO JOSÉ MASTROPIETRO



(21) **MU 9100148-0** U2 **3.1**
(22) 05/01/2011
(51) A42B 3/30 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM CAPACETE COM MOVIMENTAÇÃO DA VISEIRA CONTROLADA POR VOZ
(57) DISPOSIÇÃO INTRODUZIDA EM CAPACETE COM MOVIMENTAÇÃO DA VISEIRA CONTROLADA POR VOZ, é idealizado por um capacete com movimentação da viseira controlada por voz (1), cuja estrutura interna e externa é peculiar aos modelos convencionais, ou seja, possui externamente um formato basicamente circular na forma de um crânio, contendo uma grande abertura em sua porção inferior e uma abertura elíptica ou retangular em sua porção frontal, na altura dos olhos, definida como abertura de visualização (2), a qual é recoberta por um elemento transparente ou protetor ótico (3), exatamente para proteger os olhos do usuário do vento, da chuva e de partículas suspensas no ar; a novidade está no fato de que a movimentação de abertura e fechamento do referido protetor ótico (3) é efetuada por comando de voz; mais exatamente o capacete em questão é equipado com um microfone (4), o qual é conectando a um sensor eletrônico (5) que reconhece o comando de voz específlco para levantar e para abaixar o protetor ótico (3), decodifica esse comando e envia o sinal correspondente a um mecanismo (6) que abre ou fecha o protetor ótico (3).
(71) LEONARDO JOAQUIM DA SILVA (BR/SP)
(72) LEONARDO JOAQUIM DA SILVA
(74) PEZZUOL & ASSOCIADOS MARCAS E PATENTES S/C LTDA

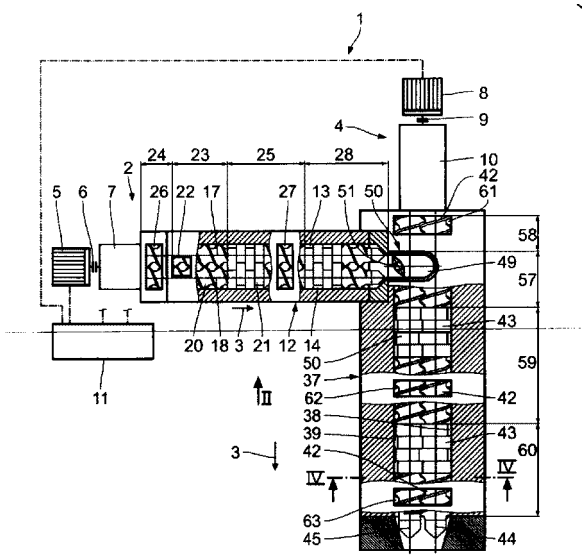


(21) **PI 0817295-1** A2 **3.1**
(22) 24/11/2008
(51) E03B 11/14 (2006.01)
(54) RESERVATÓRIOS INFERIORES PARA RESERVAREM ÁGUA
(57) RESERVATÓRIOS INFERIORES PARA RESERVAREM ÁGUA. A presente invenção por “RESERVATÓRIOS INFERIORES”, os quais dividem-se em três conjuntos. Conjunto de Reservatórios Inferiores, (R- 1), conjunto (1).Reservatórios Inferiores, (R- 2) . Conjunto (2). Reservatórios inferiores, (R-3) conjunto (3). “RESERVATÓRIOS INFERIORES PARA RESERVAREM ÁGUA”, total de 6 “Reservatórios Inferiores”, quais sejam, (R-1,R-2, e R-3) . (F.1.f.2, e f.3), cada figura mostra a quantidade de ERRES, em cada (R) há um túnel de entrada de água ou de pessoas , túnes esses que ficam fora da superfície, em umas das laterais de cada conjunto. Dentro do Sub-Solo do imóvel ou em outra área . Em sendo construídos no térreo, poderé haver garagem, não haveria Túnes com as tampas salientes, porque as quais ficam fora da superfície no Sub-Solo ao lado ou por trás das colunas do Imóvel já

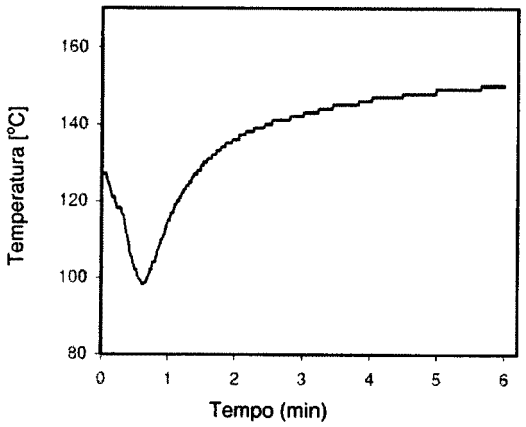
referido. Já vimos que , as tampas ficam fora do térreo, por tanto, não haveria saliência que cause desconforto aos motoristas que transitam de automóvel no térreo, o qual já mencionado. Também impede a lavagem,com os automóveis em trânsito ou pessoas.
(71) José Manoel da Silva (BR/PE)
(72) José Manoel da Silva

(21) **PI 1001069-6** A2 **3.1**
(22) 01/04/2010
(51) A01D 46/26 (2006.01)
(54) MÃO PARA DERRIÇADEIRA DE CAFÉ PORTÁTIL COM DEDOS DE MATERIAL COMPÓSITO MONTADOS POR INTERFERÊNCIA
(57) MÃO PARA DERRIÇADEIRA DE CAFÉ PORTÁTIL COM DEDOS DE MATERIAL COMPÓSITO MONTADOS POR INTERFERÊNCIA . Trata-se de uma mão para derriçadeira de café portátil compreendida por dedos (1), palma (2), orificio de rolamento (3), orificio de oscilação (4), orificios de engate (5) e orificios de retirada (6); sendo que os referidos dedos (1) apresentam configuração em hastes e são constituídos de material compósito, sendo fixados à palma (2) através de interferência mecânica. O diâmetro dos dedos (1) é retificado para garantir a tolerância dimensional necessária à montagem por interferência mecânica dos mesmos aos orificios de engate (5), estes localizados na parte superior da palma (2) e dispostos de modo escalonado, apresentando prolongamentos descendentes, de menor diâmetro, até a parte inferior da palma (2), dando origem aos orificios de retirada (6), por onde se pode inserir um dispositivo saca-pino para realizar a remoção dos dedos (1), através da utilização de martelo, marreta ou ferramentas similares.
(71) Alvaro Pio de Abreu Junior (BR/ES)
(72) Alvaro Pio de Abreu Junior
(74) Wagner José Fafa Borges

(21) **PI 1100083-0** A2 **3.1**
(22) 24/01/2011
(30) 27/01/2010 EP 10151776.1
(51) B29C 47/50 (2006.01), B29C 47/76 (2006.01), B29C 47/92 (2006.01), B29B 7/80 (2006.01)
(54) MÉTODO PARA DEVOLATILIZAÇÃO DE FUNDIDOS DE POLÍMERO, INSTALAÇÃO DE PROCESSAMENTO PARA DEVOLATILIZAÇÃO DE FUNDIDOS DE POLÍMERO
(57) MÉTODO PARA DEVOLATILIZAÇÃO DE FUNDIDOS DE POLÍMERO, INSTALAÇÃO DE PROCESSAMENTO PARA DEVOLATILIZAÇÃO DE FUNDIDOS DE POLÍMERO. Uma instalação de processamento (1) para devolatilização de fundidos de polímero compreende uma primeira extrusora (2) e uma segunda extrusora (4) disposta à jusante desta em uma direção de transporte (3). A primeira extrusora (2) compreende vários primeiros eixos acionáveis de modo giratório (15, 16) que são providos com primeiros elementos de tratamento (20, 21) e pelo menos uma primeira zona de devolatilização (24, 25) com uma porta associada de devolatilização (26, 27). De modo correspondente, a segunda extrusora (4) compreende vários segundos eixos acionáveis de modo giratório (40, 41) que são providos com segundos elementos de tratamento (42, 43) e pelo menos uma segunda zona de devolatilização (58, 59, 60) com portas associadas de devolatilização (61, 62, 63). Os primeiros elementos de tratamento (20, 21) têm um diâmetro externo que é menor do que ou igual aquele dos segundos elementos de tratamento (42, 43). Uma unidade de devolatilização (48) está disposta em uma zona de transferência (50) que interconecta as extrusoras (2,4). Uma unidade de controle (11) é configurada de tal forma que quando a instalação de processamento (1) é operada, a velocidade dos segundos eixos (40, 41) é menor do que a velocidade dos primeiros eixos (14, 15). A instalação de processamento (1) permite um desempenho de alta devolatilização e uma alta produção de polímero a ser alcançada ao mesmo tempo.
(71) Coperion GMBH (DE)
(72) Frank Lechner, Ulrich Conrad
(74) Bhering Advogados

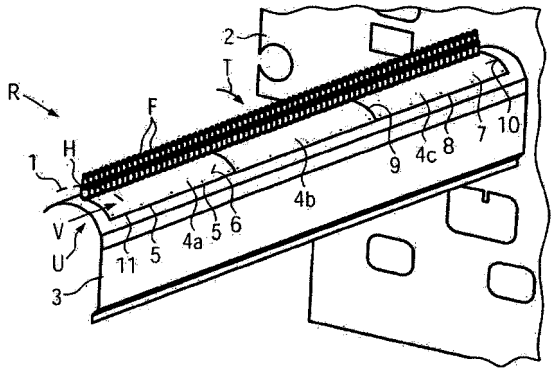


(21) **PI 1101868-2** A2 **3.1**
(22) 01/04/2011
(30) 02/04/2010 US 61/320.393; 16/03/2011 US 13/048.920
(51) C08L 21/00 (2006.01), C08K 5/54 (2006.01)
(54) PNEU PNEUMÁTICO E COMPOSIÇÃO DE BORRACHA CONTENDO ESTRUTURAS DE POLIMERIZAÇÃO DUPLA
(57) PNEU PNEUMÁTICO E COMPOSIÇÃO DE BORRACHA CONTENDO ESTRUTURAS DE POLIMERIZAÇÃO DUPLA. A presente invenção é direcionada a um pneu pneumático compreendendo um componente, o componente compreendendo uma composição de borracha compreendendo um elastômero baseado em dieno e 1 a 100 phr de : (A) um produto de r3ação de polimerização dupla de um silil-éter; ou B) um produto de reação de polimerização dupla e um éster do ácido borônico; ou C) um produto de reação de polimerização dupla de um composto de titânio derivado de ortotitanato de tetraetila e álcool furfurílico; ou D) um produto de reação de polimerização dupla de um composto de tungstênio; A invenção é ainda direcionada às composições de borracha
(71) The Goodyear Tire & Rubber Company (US)
(72) Ralf Mruk, Frank Schmitz, Liqing Ma
(74) Ana Paula da Silva Jardim



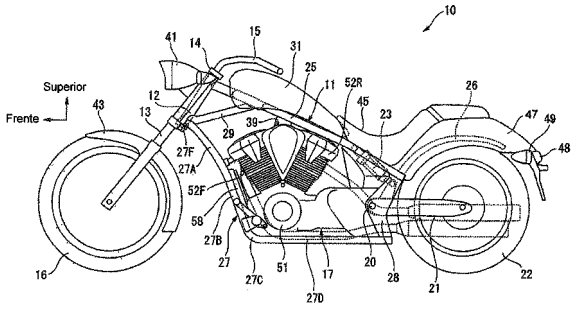
(21) **PI 1102976-5** A2 **3.1**
(22) 01/06/2011
(30) 02/06/2010 DE 102010029641.4
(51) B08B 9/42 (2006.01), B65G 19/28 (2006.01), B65G 19/30 (2006.01), B65G 21/08 (2006.01)
(54) SISTEMA DE LIMPEZA PARA GARRAFAS
(57) SISTEMA DE LIMPEZA PARA GARRAFAS. Em um sistema de limpeza (R) para garrafas, que compreende um invólucro (2) no qual pelo menos um elemento de transporte (1) que compreende transportadores de garrafas (H) conduz as garrafas (f) ao longo de diferentes zonas do sistema em que pelo menos uma parede de folha metálica (3) é fornecida no invólucro (2) na forma de fronteira do trajeto de transporte de garrafas, em que essa parede de folha metálica pode ser colocada em contato sobre um lado de contato de garrafa por garrafas em pelo menos uma parte de desgaste definida localmente (V) ao longo do trajeto de transporte de garrafas, pelo menos uma placa de desgaste (4a, 4b, 4c) é disposta de forma intercambiável na parte de desgaste (V) da parede de folha metálica (3)
(71) KRONES AG (DE)
(72) BERND HANSEN

(74) David do Nascimento Advogados Associados



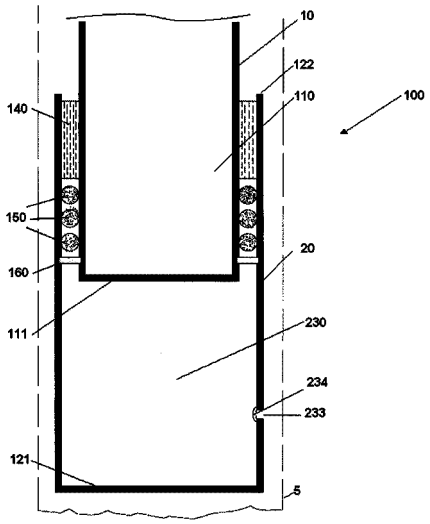
(21) **PI 1106813-2** A2 **3.1**
(22) 27/10/2011
(30) 29/10/2010 US 12/915,187
(51) B67D 1/07 (2006.01), B67D 7/00 (2010.01), F25D 23/12 (2006.01)
(54) REFRIGERADOR COM SISTEMA DE LIMPEZA DO DISTRIBUIDOR DE BEBIDA
(57) REFRIGERADOR COM SISTEMA DE LIMPEZA DO DISTRIBUIDOR DE BEBIDA. A presente invençaõ refere-se a um refrigerador que inclui um gabinete. Um primeiro compartimento e um segundo compartimento são dispostos dentro do gabinete. Uma primeira porta propicia o acesso ao primeiro compartimento e uma segunda porta propicia o acesso ao segundo compartimento. Um sistema de distribuição de bebida é disposto dentro do gabinete. O sistema de distribuição de bebida tem uma linha de fluido, uma linha de realce do fluido e um subsistema de limpeza para a limpeza da linha do componente do fluido e da linha de realce do fluido.
(71) Whirlpool Corporation (US)
(72) Philip A. Anselmo, Kevin M. Chase
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1106856-6** A2 **3.1**
(22) 22/12/2011
(30) 27/12/2010 JP 2010-290168
(51) B62K 11/02 (2006.01), B62K 11/04 (2006.01)
(54) VEÍCULO DO TIPO DE MONTAR DO SELIM
(57) VEÍCULO DO TIPO DE MONTAR NO SELIM A presente invenção refere-se a supressão da distorção de um par de armações esquerda e direita estendidas de modo serem conectadas por um tubo dianteiro e melhorar a controbilidade e característica de deslocamento linear do veículo (10). Em uma motocicleta (10) compreendendo um tubo dianteiro (12) e um par de tubos descendentes esquerdo e direito (27,27) estendidos para trás a partir do tubo dianteiro (12), uma placa transversal (60) continuamente conecta o par de tubos descendentes esquerdo e direito (27,27) na direção da largura do veículo (10) e a placa transversal (60) é elasticamente conectadas aos tubos descendentes (27,27).
(71) Honda Motor Co., Ltd (JP)
(72) Shigeo Iljima
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira



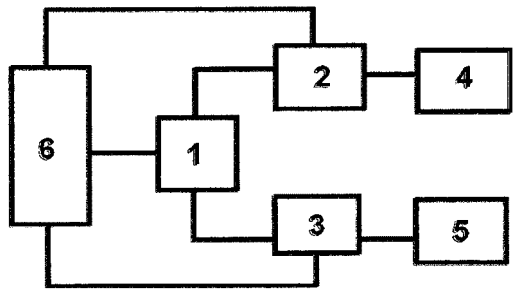
(21) **PI 1106860-4** A2 **3.1**
(22) 17/10/2011
(51) A63F 3/00 (2006.01)
(54) ADOLESCER
(57) ADOLESCER, trata-se de patente de invenção que consiste em um jogo de tabuleiro com cores fortes voltadas para as cores do arco-íris com o objetivo de instruir adolescentes com vistas ao bom convívio social, moral e sexual e incentivá-los a tomar a decisão correta até chegar à fase adulta. Discute o comportamento de risco e atitudes saudáveis na adolescência, a partir de intervenções lúcidas , além de apresentar situações mais comuns vividas entre os sujeitos e estimular o raciocínio sobre causa e efeito.
(71) Universidade Federal de Juiz de Fora (BR/MG)
(72) Iêda Maria Ávila Vargas Dias, Jamile Galil Toledo, Bárbara Vargas de Oliveira, Quenfins Almeida Vieira Bisaggio, Akília Aparecida do Nascimento

(21) **PI 1106953-8** A2 **3.1**
(22) 30/11/2011
(51) E21B 43/10 (2006.01)
(54) ACESSÓRIO DE REVESTIMENTO DE POÇO PERFURADO EM UMA FORMAÇÃO GEOLÓGICA PARA CRIAÇÃO DE UMA ZONA PILOTO E MÉTODO ASSOCIADO
(57) ACESSÓRIO DE REVESTIMENTO DE POÇO PERFURADO EM UMA FORMAÇÃO GEOLÓGICA PARA CRIAÇÃO DE UMA ZONA PILOTO E MÉTODO ASSOCIADO. O acessório de revestimento de poço se conecta na extremidade do revestimento de um poço perfurado e é configurado basicamente por uma câmara de volume variável contendo um líquido com agente químico e um mecanismo para aumentar a pressão no interior da câmara expulsando todo o líquido com agente químico da câmara em direção á formação, de modo a criar uma zona piloto no fundo do poço. A cada configuração do acessório está associado um método de operação.
(71) Petróleo Brasileiro S/A - PETROBRAS (BR/RJ)
(72) Carlos Magno Chagas, Alexandre Zacarias Ignácio Pereira, Mario Germino Ferreira da Silva



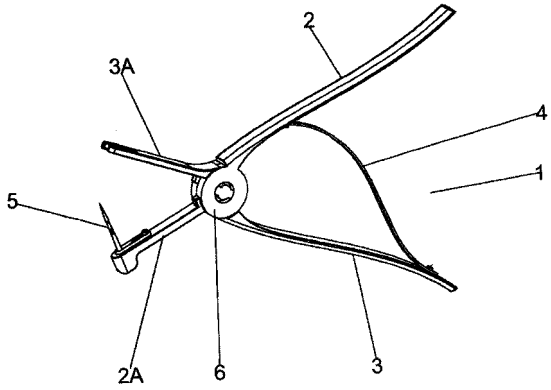
(21) **PI 1107212-1** A2 **3.1**
(22) 01/12/2011
(51) A47B 21/04 (2006.01)
(54) SUPORTE DE TABLET PARA MESA
(57) SUPORTE DE TABLET PARA MESA, refere-se a uma invenção de um suporte giratório, podendo ser fabricado através de diferentes materiais, tais como: aço inoxidável, plástico, ferro, carbono, fibra de vidro, acrílico, metal, etc. Este equipamento, possibilitará um giro de 360°, permitindo que o cliente possa manusear e movê-lo com facilidade. O mesmo é de fácil encaixe, e não acupará espaço, pois estará suspenso em um braço perpendicular à mesa. Tal equipamento possui cinco componentes. A inovação é simplesmente um produto com visual limpo e funcional, onde atenderá as expectativas do mercado nacional e internacional.
(71) Carlos Eduardo Campos Costa (BR/SC)
(72) Carlos Eduardo Campos Costa
(74) Vitor Luiz Ramos Batista

(21) **PI 1107386-1** A2 **3.1**
(22) 23/12/2011
(51) H03K 17/94 (2006.01), H03M 1/60 (2006.01)
(54) CONTROLE DUPLICADOR MULTIFREQUÊNCIA
(57) CONTROLE DUPLICADOR MULTIFREQUÊNCIA. Compreendendo um dispositivo que permite copiar diferentes códigos e frequências de outros controles já existentes, nele mesmo. Compreende uma CPU (1), contendo um transmissor digital PLL (2) e um receptor (3) ligados a essa CPU (1), sendo que o transmissor PLL (2) está conectado à fonte de alimentação de consumo "zero" em stand by (6) e a antena de transmissão (4); sendo que o receptor (3) também esta conectado a mesma fonte (6) e a antena de recepção do sinal (5), formando o circuito do controle.
(71) Carlos André Raffi Bohm (BR/RS)
(72) Carlos André Raffi Bohm
(74) Norberto Pardelhas de Barcellos



3.2
PUBLICAÇÃO ANTECIPADA

(21) **BR 10 2012 027510-4** A2 **3.2**
(22) 26/10/2012
(51) A61B 17/04 (2006.01)
(54) PORTA-AGULHA PARA PROCEDIMENTOS CIRÚRGICOS
(57) PORTA-AGULHA PARA PROCEDIMENTOS CIRÚRGICOS. Compreende a presente patente de invenção um porta-agulha (1) contendo duas hastes articuladas (2 e 3), do tipo tesoura, com uma mola em lâmina (4), entre elas, cuja função é garantir um limite de abertura entre um segmento anterior de fixação (2A) e um segmento anterior de encaixe (3A), para uma agulha reta (5) ou curva (5A), contiguamente ligados as respectivas hastes através de um tambor de articulação (6) formado por anéis (6A e 6B), que são acoplados por eixo central com trava diametralmente saliente (7) inserido em um orifício axial simétrico (8) com rebaixo interno (9). Contendo o segmento anterior de fixação um furo vazante (10) de seção quadrada, que fixa a agulha reta através de sua seção inferior, também de seção quadrada e que também fixa a agulha curva em duas posições distintas. Fixação esta, realizada através do pressionamento de um anel oblongo (11) seccionado (trava pino), fixo por parafuso em uma das extremidades, que prende a agulha reta ou curva através da compressão de suas secções formadas por um corte transversal (12). Contendo ainda, o segmento anterior de encaixe e sua haste, ranhuras de encaixe (13 e 13A) para encaixe na reentrância (14) da agulha reta ou curva.
(71) Fabio Augusto Guimarães Rosa (BR/MG) , Felipe Silva Belisario (BR/MG)
(72) Fabio Augusto Guimarães Rosa
(74) Charles Soares Rocha



3.6
PUBLICAÇÃO DO PEDIDO ARQUIVADO DEFINITIVAMENTE - ART. 216 PARÁG. 2º E ART. 17 PARÁG. 2º DA LPI

(21) **PI 0902567-7** A2 **3.6**
(22) 15/07/2009
(51) E05C 19/00 (2006.01)
(54) SISTEMA DE DESLIZAMENTO PARA LÂMINAS DE VIDRO TEMPERADO COM COLUNA CENTRAL DE TRAVAMENTO MÓVEL
(57) SISTEMA DE DESLIZAMENTO PARA LÂMINAS DE VIDRO TEMPERADO COM COLUNA CENTRAL DE TRAVAMENTO MÓVEL que é utilizado para fechamento de vãos de portas e janelas em edificações residenciais, comerciais e industriais. O sistema apresenta como inovação o travamento dos painéis (esquadrias que sustentam os vidros temperados) através de colunas centrais móveis, promovendo a perfeita estanqueidade do conjunto além da movimentação destes por um processo de engate das colunas (perfis 11 e 12) nos vidros. O sistema tem como principais componentes: duas laminas do vidro temperado deslizantes e perfis em alumínio que foram especificamente desenhados e desenvolvidos para o perfeito funcionamento e travamento do sistema.
(71) Frantemp Vidros de Segurança S/A (BR/PR)
(72) Augusto Shiguemi Fugiwara
(74) Brasil Sul Marcas e Patentes S/C Ltda

(21) **PI 1107274-1** A2 **3.6**
(22) 30/12/2011
(30) 30/12/2010 US 12/981,634; 25/02/2011 BR PI 1102041-5
(51) G06K 9/78 (2006.01), G06K 9/82 (2006.01), G06K 9/00 (2006.01), G06K 9/62 (2006.01), G06K 9/60 (2006.01)
(54) MÉTODO AUTOMÁTICO PARA RECONHECIMENTO DE COMIDA POR MEIO DE DISPOSITIVOS PORTÁTEIS EQUIPADOS COM CÂMERAS DIGITAIS
(57) MÉTODO AUTOMÁTICO PARA RECONHECIMENTO DE COMIDA POR MEIO DE DISPOSITIVOS PORTÁTEIS EQUIPADOS COM CÂMARAS DIGITAIS. A presente invenção refere-se a um método automático para reconhecimento de comida por meio de dispositivos portáteis equipados com câmeras digitais, através do presente sistema , é possível identificar um cardápio previamente estabelecido de alimentos. Para tanto, um mpetodo semi-automático de segmentação é aplicado para delinear as regiões onde se encontram cada tipo de alimento em uma imagem de um prato de comida, capturada por um usuário. São utilizadas técnicas de reconhecimento de padrões em imagens, integradas em um sistema cujo objetivo é rotular cada tipo de alimento contido na foto de um prato de comida. Nenhum tipo de pré processamento é realizado para corrigir falhas na captura da imagem, apenas utilizando-se do componente de auto-focus presente no dispositivo portátil para a captura de uma imagem nítida.
(71) Samsung Eletrônica da Amazônia Ltda. (BR/SP)
(72) Luciano Rebouças de Oliveira, Eduardo Manuel de Freitas Jorge, Alberto Almeida de Azevedo Filho, Victor Franco Costa, Gustavo de Almeida Neves, Talmai Brandão de Oliveira, Geovane dos Santos Anunciação, Eduardo Telmo Fonseca Santos
(74) Di Blasi, Parente & Ass. Prop. Ind. LTDA

(21) **PI 1107276-8** A2 **3.6**
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(30) 30/12/2010 US 12/981,643; 25/02/2011 BR PI 1100240-9
(51) G06F 15/173 (2006.01)
(54) SISTEMA PARA ORGANIZAR E GUIAR UM USUÁRIO NA EXPERIÊNCIA DE NAVEGAR ENTRE DIVERSAS APLICAÇÕES COM BASE EM CONTEXTOS
(57) SISTEMA PARA ORGANIZAR E GUIAR UM USUÁRIO NA EXPERIÊNCIA DE NAVEGAR ENTRE DIVERSAS APLICAÇÕES COM BASE EM CONTEXTOS. A presente invenção fornece um sistema que melhora a experiência de uso de um dispositivo portátil, tal como telefones dispositivo portátiles, smartphones, Personal Digital Assistants PDA etc. Para isso, são utilizadas técnicas de "caracterização de contexto", isto é , a partir de uma série de condições passíveis de detecção pelo próprio sistema, tais como tempo (data/hora), localizaçãoatual, movimento, etc, bem como do histórico de uso do dispositivo, um determinado grupamento de ações e configurações, denominados "contexto", são automaticamente ou manualmente selecionados, modificando e estabelecendo a partir daquele momento o modo de interação do usuário com o dispositivo.
(71) Samsung Eletrônica da Amazônia Ltda. (BR/SP)
(72) Tiago Silveira de Andrade Cajahyba, Alexandre Bader Krafzik, Eduardo Manuel de Freitas Jorge, Alberto Almeida de Azevedo Filho, Fernando Campos Martins, Ana Lucia Lage Pereira, Talmai Brandão de Oliveira, Hernane Borges de Barros Pereira, Fabiola de Lima Moreira
(74) Di Blasi, Parente & Ass. Prop. Ind. LTDA

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Despachos Relativos a Pedidos, Patentes (incluindo as de MI/DI expedidas na vigência da Lei 5772/71) e Certificados de Adição de Invenção

RPI 2243 de 31/12/2013

1. Pedido Internacional PCT/BR Designado ou Eleito

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(51) C07D 495/14 (2006.01), C07D 519/00 (2006.01), C07D 491/147 (2006.01), A61K 31/519 (2006.01), A61P 35/02 (2006.01)
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(51) H01G 4/20 (2006.01)
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(51) A61B 18/20 (2006.01), A61B 18/22 (2006.01), G06F 19/00 (2011.01), A61B 17/32 (2006.01)
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(51) H01M 2/02 (2006.01), H01M 2/10 (2006.01), H01M 10/04 (2006.01)
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(51) C07C 57/07 (2006.01)
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(51) H04R 7/14 (2006.01), B60R 11/02 (2006.01)
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(51) C12R 1/41 (2006.01), C08J 11/10 (2006.01)
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(51) B01J 8/00 (2006.01), B01J 8/18 (2006.01), B04C 5/04 (2006.01)
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(51) G01N 33/50 (2006.01)
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(51) A63B 21/05 (2006.01), A63B 22/14 (2006.01), A63B 21/02 (2006.01), A63B 23/04 (2006.01)
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(51) H01M 12/08 (2006.01), H01M 2/02 (2006.01), H01M 2/30 (2006.01), H01M 4/04 (2010.01), H01M 4/70 (2006.01), H01M 4/72 (2006.01), H01M 12/06 (2006.01), H01M 4/1395 (2010.01), H01M 4/13 (2010.01)
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(51) C09K 8/60 (2006.01), C09K 8/66 (2006.01), C09K 8/02 (2006.01), E21B 43/26 (2006.01)
(86) PCT US2010/053111 de 19/10/2010
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(51) A61M 5/28 (2006.01)
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(51) C12P 21/06 (2006.01), C12P 19/34 (2006.01)
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(51) C02F 1/30 (2006.01), C02F 1/72 (2006.01)
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(51) D03D 15/12 (2006.01), A41D 31/00 (2006.01), A62B 17/00 (2006.01)
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(51) C25B 3/04 (2006.01), C25B 9/00 (2006.01)
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(51) G03G 21/20 (2006.01), G03G 15/00 (2006.01), G03G 15/20 (2006.01), B65H 29/58 (2006.01)
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(51) C12N 15/82 (2006.01), A01H 5/10 (2006.01), A01H 5/00 (2006.01), C07K 14/415 (2006.01)
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(51) C07D 471/10 (2006.01), A61K 31/438 (2006.01), A61P 3/00 (2006.01), A61P 3/10 (2006.01)
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(51) C07D 265/08 (2006.01), C07D 413/12 (2006.01), C07D 417/12 (2006.01), C07D 495/04 (2006.01), C07D 498/04 (2006.01), A61K 31/5355 (2006.01), A61P 3/10 (2006.01)
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(21) **BR 11 2012 013473-6 1.1**
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(51) A61Q 11/00 (2006.01), A61K 36/9068 (2006.01)
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(21) **BR 11 2012 013475-2 1.1**
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(51) B60C 11/24 (2006.01)
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(21) **BR 11 2012 013489-2 1.1**
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(86) PCT EP10/007399 de 06/12/2010
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(51) C09D 133/24 (2006.01), C09D 7/12 (2006.01), C09D 133/06 (2006.01), C09D 139/00 (2006.01), C09D 141/00 (2006.01), C09K 3/18 (2006.01)
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(51) A61M 37/00 (2006.01), A61M 5/158 (2006.01)
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(21) **BR 11 2012 013856-1 1.1**
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(51) E21D 11/05 (2006.01), E21D 11/08 (2006.01)
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(21) **BR 11 2012 013861-8 1.1**
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(51) C07D 231/40 (2006.01), A61K 31/27 (2006.01), A61K 31/415 (2006.01), A61K 31/4155 (2006.01), A61K 31/4164 (2006.01), A61K 31/42 (2006.01), A61K 31/426 (2006.01), A61P 9/10 (2006.01), A61P 11/06 (2006.01), A61P 17/06 (2006.01), A61P 21/04 (2006.01), A61P 37/02 (2006.01), A61P 37/08 (2006.01), C07C 271/20 (2006.01), C07D 233/88 (2006.01), C07D 261/14 (2006.01), C07D 277/46 (2006.01), C07D 405/12 (2006.01)
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(21) **BR 11 2012 013976-2 1.1**
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(51) A23L 1/0524 (2006.01), A23L 2/54 (2006.01), A23L 2/68 (2006.01)
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(51) A01N 25/08 (2006.01), A01N 25/12 (2006.01), A01N 59/16 (2006.01), A01N 59/20 (2006.01), A01P 1/00 (2006.01), A01N 55/10 (2006.01)
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(51) F16J 15/34 (2006.01), F27B 7/24 (2006.01)
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(51) E21B 28/00 (2006.01), E21B 43/00 (2006.01)
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(51) B65D 77/02 (2006.01), B65D 77/12 (2006.01), B65D 85/10 (2006.01), B65D 19/22 (2006.01)
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(51) C12N 5/078 (2010.01), A61K 35/12 (2006.01)
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(86) PCT SG2009/000470 de 04/12/2009
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(51) C01B 33/107 (2006.01)
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(51) A61K 31/4418 (2006.01), A61K 31/4412 (2006.01), A61K 31/44 (2006.01), A61P 43/00 (2006.01)
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(51) C21D 8/02 (2006.01), C21D 8/04 (2006.01), C21D 9/48 (2006.01), C21D 11/00 (2006.01), B21B 37/74 (2006.01), C21D 9/60 (2006.01)
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(51) B01D 24/10 (2006.01), B01D 53/02 (2006.01)
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(51) A61F 13/20 (2006.01), A61F 13/26 (2006.01), A61L 15/22 (2006.01), D21H 13/24 (2006.01)
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(51) D04H 1/42 (2006.01), D04H 1/56 (2006.01), D01F 6/06 (2006.01)
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(87) WO 2011/077277 de 30/06/2011

(21) **BR 11 2012 014277-1 1.1**
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(51) B32B 39/00 (2006.01), B32B 38/14 (2006.01), B32B 7/06 (2006.01), A61F 13/49 (2006.01), A61L 15/56 (2006.01)
(86) PCT IB2010/055099 de 09/11/2010
(87) WO 2011/073810 de 23/06/2011

(21) **BR 11 2012 014444-8 1.1**
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(51) A61F 13/514 (2006.01), A61L 15/22 (2006.01), C08L 1/08 (2006.01), C08L 67/03 (2006.01), C08J 5/18 (2006.01), A61F 13/15 (2006.01)
(86) PCT IB2010/055645 de 07/12/2010
(87) WO 2011/077304 de 30/06/2011

(21) **BR 11 2012 014448-0 1.1**
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(51) D21H 17/68 (2006.01), A47K 7/00 (2006.01)
(86) PCT IB2010/055279 de 18/11/2010
(87) WO 2011/077279 de 30/06/2011

(21) **BR 11 2012 014450-2 1.1**
(30) 22/12/2009 US 12/644,735
(51) C08J 5/18 (2006.01), C08L 3/02 (2006.01), C08L 67/00 (2006.01), C08L 101/16 (2006.01), C08K 13/02 (2006.01)
(86) PCT IB2010/055309 de 19/11/2010
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(21) **BR 11 2012 014650-5 1.1**
(30) 16/12/2009 DK PA 2009 01333
(51) B63B 21/50 (2006.01)
(86) PCT DK2010/050323 de 26/11/2010
(87) WO 2011/072687 de 23/06/2011

(21) **BR 11 2012 014653-0 1.1**
(30) 15/12/2009 DK PA 2009 01328; 09/11/2010 DK PA 2010 01020
(51) F16L 11/08 (2006.01)
(86) PCT DK2010/050336 de 13/12/2010
(87) WO 2011/072690 de 23/06/2011

(21) **BR 11 2012 014672-6 1.1**
(30) 18/12/2009 EP 09179949.4
(51) C08F 220/18 (2006.01), B65D 75/58 (2006.01), C08F 2/22 (2006.01), C09D 133/08 (2006.01)
(86) PCT EP2010/069682 de 15/12/2010
(87) WO 2011/073221 de 23/06/2011

(21) **BR 11 2012 014675-0 1.1**
(30) 16/12/2009 DE 202009017006.3
(51) B23K 26/24 (2006.01), F16H 63/30 (2006.01)
(86) PCT EP10/007664 de 16/12/2010
(87) WO 2011/082786 de 14/07/2011

(21) **BR 11 2012 014676-9 1.1**
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(51) C04B 14/00 (2006.01)
(86) PCT US2010/054256 de 27/10/2010
(87) WO 2011/075220 de 23/06/2011

(21) **BR 11 2012 014679-3 1.1**
(30) 16/12/2009 EP 09179444.6; 17/12/2009 US 61/278,475
(51) A01N 37/50 (2006.01), A01N 43/56 (2006.01), A01N 43/653 (2006.01), A01N 43/836 (2006.01), A01P 3/00 (2006.01), A01N 43/82 (2006.01)
(86) PCT EP10/069321 de 09/12/2010
(87) WO 2011/080044 de 07/07/2011

(21) **BR 11 2012 014681-5 1.1**
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(51) C12N 15/82 (2006.01)
(86) PCT US10/060828 de 16/12/2010
(87) WO 2011/084629 de 14/07/2011

(21) **BR 11 2012 014682-3 1.1**
(30) 16/12/2009 EP 09179445.3
(51) C09K 21/12 (2006.01), C08J 9/00 (2006.01), C08K 5/53 (2006.01)
(86) PCT EP2010/069796 de 15/12/2010
(87) WO 2011/083009 de 14/07/2011

(21) **BR 11 2012 014683-1 1.1**
(30) 15/12/2009 EP 09179299.4
(51) C07D 231/14 (2006.01), C07D 317/30 (2006.01)
(86) PCT EP10/069385 de 10/12/2010
(87) WO 2011/073101 de 23/06/2011

(21) **BR 11 2012 014685-8 1.1**
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(51) H04N 7/32 (2006.01)
(86) PCT JP10/070053 de 10/11/2010
(87) WO 2011/074357 de 23/06/2011

(21) **BR 11 2012 014686-6 1.1**
(30) 16/12/2009 EP 09179515.3
(51) C08G 63/12 (2006.01), C08G 63/16 (2006.01), C08G 18/00 (2006.01), C08G 18/08 (2006.01), C08G 63/78 (2006.01), C08K 5/524 (2006.01)
(86) PCT EP2010/069749 de 15/12/2010
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(21) **BR 11 2012 014687-4 1.1**
(30) 16/12/2009 FR 09 06103; 16/12/2009 FR 09 06101
(51) B01J 23/882 (2006.01), B01J 27/19 (2006.01), C10G 45/08 (2006.01), B01J 23/28 (2006.01), B01J 23/75 (2006.01), B01J 27/14 (2006.01), B01J 37/02 (2006.01)
(86) PCT FR10/000819 de 08/12/2010
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(21) **BR 11 2012 014688-2 1.1**
(30) 15/12/2009 JP 2009-283660; 31/03/2010 JP 2010-083264
(51) C11C 3/00 (2006.01), A23D 9/02 (2006.01), C11B 3/10 (2006.01), C11B 3/14 (2006.01)
(86) PCT JP2010/072478 de 14/12/2010
(87) WO 2011/074575 de 23/06/2011

(21) **BR 11 2012 014689-0 1.1**
(30) 16/12/2009 IN 2911/MUM/2009
(51) A61K 39/13 (2006.01), A61K 47/00 (2006.01)
(86) PCT IN10/000814 de 16/12/2010
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(21) **BR 11 2012 014691-2 1.1**
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(51) C04B 14/00 (2006.01)
(86) PCT US2010/054371 de 28/10/2010
(87) WO 2011/075222 de 23/06/2011

(21) **BR 11 2012 014695-5 1.1**
(30) 17/12/2009 US 61/287,393
(51) C07D 301/10 (2006.01), C07C 11/04 (2006.01)
(86) PCT US2010/060769 de 16/12/2010
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(21) **BR 11 2012 014698-0 1.1**
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(51) A22C 21/00 (2006.01)
(86) PCT DE2010/001487 de 17/12/2010
(87) WO 2011/072660 de 23/06/2011

(21) **BR 11 2012 014703-0 1.1**
(30) 17/12/2009 US 61/287267/
(51) C07D 417/12 (2006.01), C07D 417/14 (2006.01), A61K 31/497 (2006.01), A61P 11/00 (2006.01), A61P 11/06 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2010/060463 de 15/12/2010
(87) WO 2011/075517 de 23/06/2011

(21) **BR 11 2012 014707-2 1.1**
(51) F16H 61/02 (2006.01), F16H 61/662 (2006.01)
(86) PCT JP2009/070862 de 15/12/2009
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(21) **BR 11 2012 014709-9 1.1**
(30) 12/04/2011 JP 2011-087830
(51) C08L 77/10 (2006.01), C08J 5/04 (2006.01), C08K 7/02 (2006.01)
(86) PCT JP2011/060374 de 28/04/2011
(87) WO 2012/140785 de 18/10/2012

(21) **BR 11 2012 014710-2 1.1**
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(51) A61M 5/20 (2006.01)
(86) PCT US2010/060496 de 15/12/2010
(87) WO 2011/075524 de 23/06/2011

(21) **BR 11 2012 014712-9 1.1**

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(51) A61N 1/36 (2006.01), A61N 1/05 (2006.01)
(86) PCT KR2010/002700 de 28/04/2010
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(21) **BR 11 2012 014713-7 1.1**
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(51) G11B 7/0045 (2006.01), G11B 7/125 (2006.01), G11B 20/10 (2006.01), G11B 20/14 (2006.01), G11B 20/18 (2006.01)
(86) PCT JP2010/053300 de 02/03/2010
(87) WO 2011/089735 de 28/07/2011

(21) **BR 11 2012 014716-1 1.1**
(30) 17/12/2009 JP 2009-286294
(51) H01R 13/10 (2006.01)
(86) PCT JP2010/072717 de 16/12/2010
(87) WO 2011/074653 de 23/06/2011

(21) **BR 11 2012 014717-0 1.1**
(30) 16/12/2009 EP 09179378.6
(51) B01J 23/75 (2006.01), B01J 23/94 (2006.01), B01J 38/02 (2006.01), B01J 38/10 (2006.01), B01J 38/66 (2006.01), C10G 2/00 (2006.01)
(86) PCT EP2010/069717 de 15/12/2010
(87) WO 2011/080073 de 07/07/2011

(21) **BR 11 2012 014725-0 1.1**
(30) 17/12/2009 NL 2003966; 17/12/2009 NL 2003967; 17/12/2009 NL 2003969; 17/12/2009 NL 2003968
(51) A22B 7/00 (2006.01)
(86) PCT NL2010/050865 de 17/12/2010
(87) WO 2011/074966 de 23/06/2011

(21) **BR 11 2012 014728-5 1.1**
(51) F16H 61/02 (2006.01), F16H 61/662 (2006.01)
(86) PCT JP2009/070863 de 15/12/2009
(87) WO 2011/074063 de 23/06/2011

(21) **BR 11 2012 014762-5 1.1**
(30) 17/12/2009 ZA 2009/08990
(51) C07D 471/14 (2006.01), A61K 31/5513 (2006.01), A61P 37/00 (2006.01)
(86) PCT IB10/055808 de 14/12/2010
(87) WO 2011/073907 de 23/06/2011

(21) **BR 11 2012 014858-3 1.1**
(30) 18/12/2009 JP 2009-287946
(51) C07D 401/04 (2006.01), A61K 31/4439 (2006.01), A61K 31/444 (2006.01), A61K 31/4545 (2006.01), A61K 31/496 (2006.01), A61K 31/497 (2006.01), A61K 31/501 (2006.01), A61K 31/506 (2006.01), A61K 31/5377 (2006.01), A61P 7/02 (2006.01), A61P 9/00 (2006.01), A61P 9/08 (2006.01), A61P 9/10 (2006.01), C07D 401/14 (2006.01), C07D 405/04 (2006.01), C07D 405/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), C07D 471/04 (2006.01)
(86) PCT JP2010/072743 de 17/12/2010
(87) WO 2011/074658 de 23/06/2011

(21) **BR 11 2012 014859-1 1.1**
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(51) C08F 2/42 (2006.01), C08F 10/02 (2006.01)
(86) PCT EP2010/070027 de 17/12/2010
(87) WO 2011/073369 de 23/06/2011

(21) **BR 11 2012 014864-8 1.1**
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(51) G02C 7/04 (2006.01)
(86) PCT US2010/061004 de 17/12/2010
(87) WO 2011/084684 de 14/07/2011

(21) **BR 11 2012 014865-6 1.1**
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(51) G02C 7/04 (2006.01)
(86) PCT US2010/060999 de 17/12/2010
(87) WO 2011/084681 de 14/07/2011

(21) **BR 11 2012 014866-4 1.1**
(30) 18/12/2009 EP 09 179864.5
(51) C08F 10/02 (2006.01)
(86) PCT EP2010/070023 de 17/12/2010
(87) WO 2011/073368 de 23/06/2011

(21) **BR 11 2012 014868-0 1.1**
(30) 17/12/2009 GB 09 22094.8
(51) B60K 11/04 (2006.01), B60K 11/08 (2006.01)
(86) PCT GB2010/002289 de 17/12/2010
(87) WO 2011/073625 de 23/06/2011

(21) **BR 11 2012 014869-9 1.1**
(30) 18/12/2009 EP 09405227.1
(51) G02B 5/18 (2006.01)
(86) PCT CH2010/000294 de 22/11/2010
(87) WO 2011/072408 de 23/06/2011

(21) **BR 11 2012 014944-0 1.1**
(30) 18/12/2009 US 61/287895
(51) C07D 231/06 (2006.01), C07D 277/10 (2006.01), C07D 401/04 (2006.01), C07D 403/04 (2006.01), C07D 413/04 (2006.01), C07D 413/10 (2006.01), C07D 413/12 (2006.01), C07D 417/04 (2006.01), C07D 417/10 (2006.01), A01N 43/80 (2006.01), A01P 5/00 (2006.01), A01P 7/00 (2006.01)
(86) PCT EP2010/070220 de 20/12/2010
(87) WO 2011/073444 de 23/06/2011

(21) **BR 11 2012 014947-4 1.1**
(30) 22/12/2009 JP 2009-290364; 25/06/2010 JP 2010-144793
(51) A61K 9/16 (2006.01), A61K 38/00 (2006.01), A61K 9/00 (2006.01), A61P 35/00 (2006.01)
(86) PCT JP2010/073665 de 21/12/2010
(87) WO 2011/078394 de 30/06/2011

(21) **BR 11 2012 014948-2 1.1**
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(51) H04Q 9/00 (2006.01)
(86) PCT JP2010/071579 de 02/12/2010
(87) WO 2011/077921 de 30/06/2011

(21) **BR 11 2012 014951-2 1.1**
(30) 24/12/2009 GB 0922624.2
(51) A61K 8/06 (2006.01), A61K 8/39 (2006.01), A61K 8/81 (2006.01), A61Q 19/00 (2006.01), C08F 2/32 (2006.01)
(86) PCT GB2010/002307 de 22/12/2010
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(21) **BR 11 2012 014957-1 1.1**
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(51) C08G 59/14 (2006.01), C08L 63/00 (2006.01)
(86) PCT US2010/053899 de 25/10/2010
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(21) **BR 11 2012 014961-0 1.1**
(30) 22/12/2009 US 12/645348
(51) G01B 5/18 (2006.01)
(86) PCT US2010/055597 de 05/11/2010
(87) WO 2011/078920 de 30/06/2011

(21) **BR 11 2012 014966-0 1.1**
(30) 18/12/2009 EP 09179881.9
(51) B29C 70/54 (2006.01), B29C 70/38 (2006.01), B65H 16/02 (2006.01), B65H 19/12 (2006.01)
(86) PCT EP2010/069631 de 14/12/2010
(87) WO 2011/073192 de 23/06/2011

(21) **BR 11 2012 014969-5 1.1**
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(51) G06K 9/62 (2006.01)
(86) PCT US2010/055571 de 05/11/2010
(87) WO 2011/078919 de 30/06/2011

(21) **BR 11 2012 014973-3 1.1**
(30) 18/12/2009 NL 2003983
(51) F28D 9/00 (2006.01), B21D 53/04 (2006.01), B21D 51/52 (2006.01), F28F 1/00 (2006.01)
(86) PCT NL2010/050858 de 17/12/2010
(87) WO 2011/074963 de 23/06/2011

(21) **BR 11 2012 014974-1 1.1**
(30) 16/12/2009 US 61/286,958
(51) G01M 15/00 (2006.01)
(86) PCT US2010/060805 de 16/12/2010
(87) WO 2011/075582 de 23/06/2011

(21) **BR 11 2012 014976-8 1.1**
(30) 18/12/2009 DE 102009059781.6
(51) C08J 9/00 (2006.01), C08J 9/20 (2006.01), C08J 9/18 (2006.01)
(86) PCT EP2010/069528 de 13/12/2010
(87) WO 2011/073141 de 23/06/2011

(21) **BR 11 2012 014977-6 1.1**
(30) 17/12/2009 US 61/287,319
(51) A23C 9/123 (2006.01), A23C 9/12 (2006.01)
(86) PCT US2010/060697 de 16/12/2010
(87) WO 2011/084570 de 14/07/2011

(21) **BR 11 2012 014978-4 1.1**
(30) 18/12/2009 EP 09179842.1
(51) C08B 37/00 (2006.01), C08H 8/00 (2010.01), C12P 7/06 (2006.01), C12P 7/08 (2006.01), C12P 19/00 (2006.01)
(86) PCT EP2010/069811 de 15/12/2010
(87) WO 2011/073284 de 23/06/2011

(21) **BR 11 2012 014979-2 1.1**
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(51) F16K 41/02 (2006.01)
(86) PCT US2010/056408 de 11/11/2010
(87) WO 2011/075248 de 23/06/2011

(21) **BR 11 2012 014981-4 1.1**
(30) 18/12/2009 US 12/642420
(51) C08G 59/38 (2006.01), C08J 3/24 (2006.01), C08L 63/00 (2006.01)
(86) PCT US2010/053907 de 25/10/2010
(87) WO 2011/075217 de 23/06/2011

(21) **BR 11 2012 014982-2 1.1**
(51) A46B 9/04 (2006.01), A46B 9/06 (2006.01), A46B 15/00 (2006.01)
(86) PCT US2009/069382 de 23/12/2009
(87) WO 2011/078860 de 30/06/2011

(21) **BR 11 2012 014984-9 1.1**
(30) 16/12/2009 FR 09/06090
(51) C07K 16/18 (2006.01), C07K 16/28 (2006.01)
(86) PCT IB2010/055882 de 16/12/2010
(87) WO 2011/073943 de 23/06/2011

(21) **BR 11 2012 014986-5 1.1**
(30) 18/12/2009 EP 09179965.0
(51) B29C 44/12 (2006.01), B32B 5/18 (2006.01), C08K 7/14 (2006.01), C08L 75/02 (2006.01), C09D 175/02 (2006.01)
(86) PCT EP2010/069907 de 16/12/2010
(87) WO 2011/073325 de 23/06/2011

(21) **BR 11 2012 014987-3 1.1**
(30) 22/12/2009 FR 0959339
(51) B60C 11/12 (2006.01)
(86) PCT EP2010/070037 de 17/12/2010
(87) WO 2011/076676 de 30/06/2011

(21) **BR 11 2012 014990-3 1.1**
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(51) A61K 31/34 (2006.01)
(86) PCT US2010/061122 de 17/12/2010
(87) WO 2011/075684 de 23/06/2011

(21) **BR 11 2012 014991-1 1.1**
(30) 18/12/2009 FR 0959245
(51) B60C 11/24 (2006.01)
(86) PCT FR2010/052741 de 15/12/2010
(87) WO 2011/073575 de 23/06/2011

(21) **BR 11 2012 014994-6 1.1**
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(51) H04N 5/225 (2006.01), G02B 7/28 (2006.01), G03B 17/04 (2006.01), G03B 17/18 (2006.01), G03B 17/56 (2006.01), G03B 37/00 (2006.01)
(86) PCT JP2010/067263 de 01/10/2010
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(21) **BR 11 2012 014995-4 1.1**
(30) 18/12/2009 FR 0959241
(51) B60C 11/24 (2006.01), B60C 17/04 (2006.01), B60C 17/06 (2006.01)
(86) PCT FR2010/052739 de 15/12/2010
(87) WO 2011/077029 de 30/06/2011

(21) **BR 11 2012 015019-7 1.1**
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(51) A61J 15/00 (2006.01), A61F 2/958 (2013.01)
(86) PCT IB2010/055341 de 22/11/2010
(87) WO 2011/077286 de 30/06/2011

(21) **BR 11 2012 015142-8 1.1**
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(51) B65D 65/40 (2006.01), B65D 81/26 (2006.01), B65D 30/08 (2006.01), B24D 5/12 (2006.01), B65B 11/00 (2006.01)
(86) PCT US2010/062421 de 29/12/2011
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(21) **BR 11 2012 015165-7 1.1**
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(51) B21C 47/14 (2006.01)
(86) PCT US2010/058645 de 02/12/2010
(87) WO 2011/078947 de 30/06/2011

(21) **BR 11 2012 015168-1 1.1**
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(51) C07D 207/09 (2006.01), C07D 207/10 (2006.01), C07D 207/12 (2006.01), C07D 211/26 (2006.01), C07D 241/04 (2006.01), C07D 265/30 (2006.01), C07D 401/04 (2006.01), C07D 401/12

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(86) PCT EP2010/070045 de 17/12/2010
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(21) **BR 11 2012 015254-8 1.1**
(30) 21/12/2009 IT TO2009A001010
(51) H04N 5/44 (2011.01)
(86) PCT IB2010/055911 de 17/12/2010
(87) WO 2011/077341 de 30/06/2011

(21) **BR 11 2012 015261-0 1.1**
(30) 21/12/2009 IT TO2009A001016
(51) H04N 13/00 (2006.01)
(86) PCT IB2010/055918 de 17/12/2010
(87) WO 2011/077343 de 30/06/2011

(21) **BR 11 2012 015282-3 1.1**
(30) 22/12/2009 IN 2955/MUM/2009
(51) A61K 9/28 (2006.01), A61K 9/52 (2006.01), A61K 9/54 (2006.01)
(86) PCT IN2010/000829 de 20/12/2010
(87) WO 2011/077451 de 30/06/2011

(21) **BR 11 2012 015318-8 1.1**
(30) 28/12/2010 US 61/290,393
(51) C08L 29/04 (2006.01), C08J 5/18 (2006.01), C11D 17/04 (2006.01), C08L 25/08 (2006.01), C08L 33/02 (2006.01), C08L 33/06 (2006.01), C08L 51/02 (2006.01), C08L 33/14 (2006.01)
(86) PCT EP2010/070622 de 23/12/2010
(87) WO 2011/080206 de 07/07/2011

(21) **BR 11 2012 015323-4 1.1**
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(51) E04B 7/18 (2006.01), F24J 2/05 (2006.01)
(86) PCT US2010/060673 de 16/12/2010
(87) WO 2011/079009 de 30/06/2011

(21) **BR 11 2012 015328-5 1.1**
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(51) A61F 13/51 (2006.01), A61F 13/511 (2006.01), A61L 15/42 (2006.01), B32B 27/02 (2006.01), A61F 13/84 (2006.01)
(86) PCT IB2010/055375 de 23/11/2010
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(21) **BR 11 2012 015329-3 1.1**
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(51) A61F 13/51 (2006.01), A61F 13/42 (2006.01), A61L 15/42 (2006.01), A61L 15/12 (2006.01), A61L 15/62 (2006.01)
(86) PCT IB2010/055531 de 01/12/2010
(87) WO 2011/077298 de 30/06/2011

(21) **BR 11 2012 015369-2 1.1**
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(51) A61K 51/04 (2006.01)
(86) PCT EP2010/070455 de 22/12/2010
(87) WO 2011/076825 de 30/06/2011

(21) **BR 11 2012 015381-1 1.1**
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(51) B60L 5/00 (2006.01), H02J 7/00 (2006.01), B60L 11/18 (2006.01)
(86) PCT US2010/061862 de 22/12/2010
(87) WO 2011/079215 de 30/06/2011

(21) **BR 11 2012 015396-0 1.1**
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(51) D04H 13/00 (2006.01), D04H 1/58 (2006.01)
(86) PCT IB2010/055381 de 23/11/2010
(87) WO 2011/080612 de 07/07/2011

(21) **BR 11 2012 015397-8 1.1**
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(51) C08J 5/18 (2006.01), C08L 101/16 (2006.01), C08L 67/04 (2006.01), C08L 23/00 (2006.01), B29D 7/01 (2006.01)
(86) PCT IB2010/055533 de 01/12/2010
(87) WO 2011/080623 de 07/07/2011

(21) **BR 11 2012 015399-4 1.1**
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(51) A61B 10/00 (2006.01), A61D 19/00 (2006.01), A01K 29/00 (2006.01), A61D 99/00 (2006.01)
(86) PCT NZ10/000254 de 21/12/2010
(87) WO 2011/078699 de 30/06/2011

(21) **BR 11 2012 015402-8 1.1**
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(51) G05B 19/02 (2006.01)
(86) PCT US10/061771 de 22/12/2010
(87) WO 2011/079189 de 30/06/2011

(21) **BR 11 2012 015403-6 1.1**
(30) 23/12/2009 FR 0959519
(51) C08L 53/00 (2006.01), C08L 53/02 (2006.01), B60C 5/14 (2006.01)
(86) PCT EP10/070406 de 21/12/2010
(87) WO 2011/076802 de 30/06/2011

(21) **BR 11 2012 015404-4 1.1**
(51) B60C 11/04 (2006.01)
(86) PCT JP09/071650 de 25/12/2009
(87) WO 2011/077561 de 30/06/2011

(21) **BR 11 2012 015405-2 1.1**
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(51) G06F 3/041 (2006.01)
(86) PCT US10/061438 de 21/12/2010
(87) WO 2011/079097 de 30/06/2011

(21) **BR 11 2012 015406-0 1.1**
(51) B60C 11/04 (2006.01)
(86) PCT JP09/071651 de 25/12/2009
(87) WO 2011/077562 de 30/06/2011

(21) **BR 11 2012 015407-9 1.1**
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(51) G05B 19/416 (2006.01), B24B 9/14 (2006.01)
(86) PCT FR10/052708 de 14/12/2010
(87) WO 2011/083234 de 14/07/2011

(21) **BR 11 2012 015409-5 1.1**
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(51) A61B 10/06 (2006.01), A46B 15/00 (2006.01), A61C 17/00 (2006.01), A61B 10/00 (2006.01), G01N 33/50 (2006.01)
(86) PCT US10/061704 de 22/12/2010
(87) WO 2011/079164 de 30/06/2011

(21) **BR 11 2012 015411-7 1.1**
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(51) A46B 11/02 (2006.01)
(86) PCT US10/060861 de 16/12/2010
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(21) **BR 11 2012 015413-3 1.1**
(30) 23/12/2009 US PCT/US2009/069408; 23/12/2009 US PCT/US2009/069402; 05/11/2010 US 61/410,514; 15/12/2010 US 61/423,397; 15/12/2010 US 61/423,414; 15/12/2010 US 61/423,435; 15/12/2010 US 61/423,449
(51) A46B 11/02 (2006.01)
(86) PCT US10/060881 de 16/12/2010
(87) WO 2011/079030 de 30/06/2011

(21) **BR 11 2012 015414-1 1.1**
(51) B60C 11/00 (2006.01), B60C 1/00 (2006.01), C08F 8/34 (2006.01)
(86) PCT US09/069375 de 23/12/2009
(87) WO 2011/078859 de 30/06/2011

(21) **BR 11 2012 015418-4 1.1**
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(51) F04C 2/08 (2006.01), F04C 2/18 (2006.01)
(86) PCT IB10/003139 de 06/12/2010
(87) WO 2011/077209 de 30/06/2011

(21) **BR 11 2012 015419-2 1.1**
(30) 24/12/2009 EP 09180731.3
(51) F01N 3/20 (2006.01)
(86) PCT EP10/070669 de 23/12/2010
(87) WO 2011/076927 de 30/06/2011

(21) **BR 11 2012 015421-4 1.1**
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(51) G01F 23/74 (2006.01)
(86) PCT EP10/069176 de 08/12/2010
(87) WO 2011/076571 de 30/06/2011

(21) **BR 11 2012 015422-2 1.1**
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(51) A61L 27/04 (2006.01), A61C 7/20 (2006.01), A61F 2/24 (2006.01), A61L 29/02 (2006.01), C21C 7/00 (2006.01), C21C 7/10 (2006.01), C21D 8/00 (2006.01), C22C 38/00 (2006.01), C22C 38/04 (2006.01), C22C 38/06 (2006.01), A61F 2/82 (2013.01)
(86) PCT US10/062460 de 30/12/2010
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(21) **BR 11 2012 015423-0 1.1**
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(51) H04L 27/26 (2006.01), H04L 27/38 (2006.01)
(86) PCT EP10/067613 de 16/11/2010
(87) WO 2011/076488 de 30/06/2011

(21) **BR 11 2012 015424-9 1.1**
(30) 22/12/2009 EP 09180440.1
(51) C07C 7/00 (2006.01), C07C 7/11 (2006.01), C07C 11/02 (2006.01)
(86) PCT EP10/070272 de 20/12/2010
(87) WO 2011/076751 de 30/06/2011

(21) **BR 11 2012 015425-7 1.1**
(51) H04L 27/36 (2006.01)
(86) PCT SE09/051474 de 21/12/2009
(87) WO 2011/078752 de 30/06/2011

(21) **BR 11 2012 015427-3 1.1**
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(51) B29D 30/46 (2006.01)
(86) PCT EP10/069075 de 07/12/2010
(87) WO 2011/076558 de 30/06/2011

(21) **BR 11 2012 015428-1 1.1**
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(51) A61Q 11/00 (2006.01), A61Q 17/00 (2006.01), A61N 5/06 (2006.01), A61K 8/35 (2006.01), A61K 8/49 (2006.01)
(86) PCT US10/061325 de 20/12/2010
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(21) **BR 11 2012 015429-0 1.1**
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(51) C07C 7/00 (2006.01), C07C 7/11 (2006.01), C07C 11/02 (2006.01)
(86) PCT EP10/070275 de 20/12/2010
(87) WO 2011/076752 de 30/06/2011

(21) **BR 11 2012 015431-1 1.1**
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(51) A46B 15/00 (2006.01), A61C 17/00 (2006.01), A61B 10/00 (2006.01), G01N 33/50 (2006.01)
(86) PCT US10/061708 de 22/12/2010
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(21) **BR 11 2012 015433-8 1.1**
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(51) A61K 9/06 (2006.01), A61K 31/593 (2006.01), A61K 47/10 (2006.01), A61K 47/14 (2006.01), A61K 47/22 (2006.01), A61K 9/107 (2006.01)
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(87) WO 2011/076207 de 30/06/2011

(21) **BR 11 2012 015436-2 1.1**
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(51) E21B 7/18 (2006.01), E21B 49/00 (2006.01)
(86) PCT EP10/070493 de 22/12/2010
(87) WO 2011/076848 de 30/06/2011

(21) **BR 11 2012 015437-0 1.1**
(30) 22/12/2009 DK PCT/DK009/000264; 07/01/2010 US 61/293108
(51) A61K 9/06 (2006.01), A61K 31/593 (2006.01), A61K 47/10 (2006.01), A61K 47/14 (2006.01), A61K 47/22 (2006.01)
(86) PCT DK10/000184 de 22/12/2010
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(21) **BR 11 2012 015439-7 1.1**
(30) 23/12/2009 EP 09180563.0
(51) E21B 7/04 (2006.01), E21B 7/18 (2006.01), E21B 17/10 (2006.01), E21B 21/00 (2006.01), B24C 9/00 (2006.01)
(86) PCT EP10/070491 de 22/12/2010
(87) WO 2011/076846 de 30/06/2011

(21) **BR 11 2012 015515-6 1.1**
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(51) B21B 1/26 (2006.01), B21B 45/00 (2006.01), C21D 9/46 (2006.01), C21D 1/42 (2006.01), C21D 8/02 (2006.01)
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(51) C07K 16/08 (2006.01)
(86) PCT EP10/070568 de 22/12/2010
(87) WO 2011/076883 de 30/06/2011

(21) **BR 11 2012 015541-5 1.1**
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(51) A23K 1/175 (2006.01), A23K 1/18 (2006.01)
(86) PCT US10/41848 de 13/07/2010
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(21) **BR 11 2012 015552-0 1.1**
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(51) G21D 5/04 (2006.01)
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(21) **BR 11 2012 015599-7 1.1**
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(51) A61F 13/42 (2006.01), A61F 13/505 (2006.01), A61F 13/84 (2006.01), G08B 5/00 (2006.01), G08B 3/00 (2006.01), G08B 6/00 (2006.01)
(86) PCT IB2010/055277 de 18/11/2010
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(21) **BR 11 2012 015635-7 1.1**
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(51) F02K 1/15 (2006.01), F02K 1/76 (2006.01)
(86) PCT FR11/050211 de 03/02/2011
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(21) **BR 11 2012 015638-1 1.1**
(51) F16H 61/02 (2006.01), F16H 61/10 (2006.01)
(86) PCT EP09/009168 de 21/12/2009
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(21) **BR 11 2012 015640-3 1.1**
(51) B25J 15/00 (2006.01), B21D 43/10 (2006.01)
(86) PCT EP09/067682 de 21/12/2009
(87) WO 2011/076249 de 30/06/2011

(21) **BR 11 2012 015644-6 1.1**
(30) 21/12/2009 SE 0901591-8
(51) D21D 5/06 (2006.01), D21D 5/02 (2006.01)
(86) PCT SE2010/051366 de 13/12/2010
(87) WO 2011/078764 de 30/06/2011

(21) **BR 11 2012 015645-4 1.1**
(30) 22/12/2009 NO 20093580
(51) E21B 41/00 (2006.01), G01F 1/74 (2006.01), G01N 3/56 (2006.01)
(86) PCT IB10/003334 de 22/12/2010
(87) WO 2011/077235 de 30/06/2011

(21) **BR 11 2012 015648-9 1.1**
(30) 23/12/2009 SE 0901602-3
(51) D21C 9/02 (2006.01), D21C 7/08 (2006.01), D21C 3/24 (2006.01)
(86) PCT SE2010/051441 de 20/12/2010
(87) WO 2011/078775 de 30/06/2011

(21) **BR 11 2012 015649-7 1.1**
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(51) B60R 21/217 (2006.01), B60R 21/205 (2011.01)
(86) PCT JP2010/071571 de 02/12/2010
(87) WO 2011/077920 de 30/06/2011

(21) **BR 11 2012 015660-8 1.1**
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(51) A63F 13/12 (2006.01), H04H 60/46 (2008.01), A61H 19/00 (2006.01)
(86) PCT IB2010/003514 de 23/12/2010
(87) WO 2011/077262 de 30/06/2011

(21) **BR 11 2012 015663-2 1.1**
(30) 21/12/2009 GB 0922232.4; 22/06/2010 GB 1010470.1
(51) A01K 91/04 (2006.01), A01K 91/047 (2006.01)
(86) PCT GB10/052147 de 20/12/2010
(87) WO 2011/077124 de 30/06/2011

(21) **BR 11 2012 015665-9 1.1**
(30) 21/12/2009 DE 10 2009 060 786.2
(51) F24J 2/52 (2006.01), H01L 31/058 (2006.01)
(86) PCT EP2010/007780 de 20/12/2010
(87) WO 2011/085786 de 21/07/2011

(21) **BR 11 2012 015667-5 1.1**
(30) 22/12/2009 FR 0959414
(51) G06F 21/32 (2013.01), G06F 21/77 (2013.01)
(86) PCT FR10/052767 de 16/12/2010
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(21) **BR 11 2012 015669-1 1.1**
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(51) A61M 1/28 (2006.01)
(86) PCT US2010/061378 de 20/12/2010
(87) WO 2011/079083 de 30/06/2011

(21) **BR 11 2012 015676-4 1.1**
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(51) G01N 27/419 (2006.01), G01N 27/406 (2006.01)
(86) PCT EP10/070464 de 22/12/2010
(87) WO 2011/076832 de 30/06/2011

(21) **BR 11 2012 015677-2 1.1**
(30) 23/12/2009 GB 0922589.7
(51) C07D 471/04 (2006.01), C07D 498/04 (2006.01), C07D 498/14 (2006.01), A61K 31/4741 (2006.01), A61P 35/00 (2006.01)
(86) PCT GB10/002329 de 23/12/2010
(87) WO 2011/077098 de 30/06/2011

(21) **BR 11 2012 015678-0 1.1**
(30) 24/12/2009 GB 0922547.5
(51) C08B 30/14 (2006.01)
(86) PCT GB10/052213 de 24/12/2010
(87) WO 2011/077170 de 30/06/2011

(21) **BR 11 2012 015679-9 1.1**
(30) 22/01/2010 DE 10 2010 005 579.4
(51) B60T 1/06 (2006.01), B60T 10/02 (2006.01)
(86) PCT EP11/000213 de 20/01/2011
(87) WO 2011/089001 de 28/07/2011

(21) **BR 11 2012 015682-9 1.1**
(30) 23/12/2009 US 61/289,507
(51) A61P 35/00 (2006.01), A61K 31/355 (2006.01), A61P 9/00 (2006.01), A61K 31/045 (2006.01), A61K 31/66 (2006.01)
(86) PCT AU10/001719 de 22/12/2010
(87) WO 2011/075775 de 30/06/2011

(21) **BR 11 2012 015688-8 1.1**
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(51) C08F 210/18 (2006.01)
(86) PCT EP10/070331 de 21/12/2010
(87) WO 2011/076772 de 30/06/2011

(21) **BR 11 2012 015690-0 1.1**
(30) 23/12/2009 EP 09015984.9; 29/12/2009 US 61/290,573; 10/11/2010 EP 10190655.0
(51) C12N 9/02 (2006.01), C12N 15/82 (2006.01), A01H 5/00 (2006.01), A01H 5/10 (2006.01)
(86) PCT EP10/070561 de 22/12/2010
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(21) **BR 11 2012 015692-6 1.1**
(30) 23/12/2009 EP 09015988.0; 29/12/2009 US 61/290,593; 10/11/2010 EP 10190663.4
(51) C12N 9/02 (2006.01), C12N 15/82 (2006.01), A01H 5/00 (2006.01), A01H 5/10 (2006.01)
(86) PCT EP10/070575 de 22/12/2010
(87) WO 2011/076889 de 30/06/2011

(21) **BR 11 2012 015697-7 1.1**
(30) 23/12/2009 EP 09015987.2; 29/12/2009 US 61/290,589; 10/11/2010 EP 10190661.8
(51) C12N 9/02 (2006.01), C12N 15/82 (2006.01), A01H 5/00 (2006.01), A01H 5/10 (2006.01)
(86) PCT EP10/070570 de 22/12/2010
(87) WO 2011/076885 de 30/06/2011

(21) **BR 11 2012 015723-0 1.1**
(51) A61N 7/00 (2006.01), A61N 5/06 (2006.01), A61H 23/00 (2006.01), A61H 23/02 (2006.01)
(86) PCT IT2009/000576 de 23/12/2009
(87) WO 2011/077466 de 30/06/2011

(21) **BR 11 2012 015730-2 1.1**
(51) A46B 11/00 (2006.01)
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(21) **BR 11 2012 015788-4 1.1**
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(51) A61F 13/15 (2006.01), A61F 13/49 (2006.01), A61F 13/496 (2006.01)
(86) PCT JP2010/072714 de 16/12/2010
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(21) **BR 11 2012 015823-6 1.1**
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(51) A61F 13/20 (2006.01), A61L 15/22 (2006.01), A61F 13/26 (2006.01), A61F 13/34 (2006.01)
(86) PCT IB2010/055603 de 06/12/2010
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(21) **BR 11 2012 015824-4 1.1**
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(51) A61F 13/45 (2006.01), A61F 13/511 (2006.01), A61L 15/22 (2006.01)
(86) PCT IB2010/055542 de 01/12/2010
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(21) **BR 11 2012 015851-1 1.1**
(30) 11/12/2009 US 12/635,927
(51) C07D 215/56 (2006.01), C07D 401/12 (2006.01), C07D 405/12 (2006.01), C07D 409/12 (2006.01), C07D 413/12 (2006.01), C07D 417/12 (2006.01), C07D 471/08 (2006.01), A61K 31/4709 (2006.01), A61P 11/00 (2006.01)
(86) PCT US2010/059920 de 10/12/2010
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(21) **BR 11 2012 015852-0 1.1**
(30) 10/12/2009 EP 09075546.3
(51) C07K 16/28 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01), A61P 5/08 (2006.01)
(86) PCT EP2010/067742 de 18/11/2010
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(21) **BR 11 2012 015862-7 1.1**
(30) 15/12/2009 IT CO2009S000065
(51) F23R 3/60 (2006.01), F01D 9/02 (2006.01)
(86) PCT EP2010/069239 de 09/12/2010
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(21) **BR 11 2012 015868-6 1.1**
(30) 11/12/2009 GB 0921760.5; 30/07/2010 GB 1012924.5
(51) C07D 233/76 (2006.01), C07D 401/04 (2006.01), C07D 403/04 (2006.01), A61K 31/4166 (2006.01), A61P 25/18 (2006.01)
(86) PCT EP2010/068946 de 06/12/2010
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(21) **BR 11 2012 015870-8 1.1**
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(51) A46B 3/22 (2006.01), A46B 9/04 (2006.01), A46B 9/06 (2006.01)
(86) PCT IB2010/055759 de 10/12/2010
(87) WO 2011/070550 de 16/06/2011

(21) **BR 11 2012 015872-4 1.1**
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(51) B01D 35/153 (2006.01), B01D 35/147 (2006.01)
(86) PCT EP2010/069067 de 07/12/2010
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(21) **BR 11 2012 015873-2 1.1**
(30) 17/12/2009 EP 09179555.9; 12/05/2010 EP 10162621.6
(51) C07D 405/14 (2006.01), A61K 31/506 (2006.01), A61P 29/00 (2006.01), C07D 491/10 (2006.01)
(86) PCT EP2010/069549 de 13/12/2010
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(21) **BR 11 2012 015874-0 1.1**
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(51) F21S 2/00 (2006.01), G02F 1/13357 (2006.01), F21Y 101/02 (2006.01), F21Y 103/00 (2006.01)
(86) PCT JP2010/070438 de 17/11/2010
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(21) **BR 11 2012 015875-9 1.1**
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(51) C07D 301/10 (2006.01), B01J 23/50 (2006.01), C07B 61/00 (2006.01), C07D 303/04 (2006.01)
(86) PCT JP2010/072309 de 06/12/2010
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(51) A01K 67/027 (2006.01), C12N 15/85 (2006.01)
(86) PCT US2010/058823 de 03/12/2010
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(21) **BR 11 2012 015877-5 1.1**
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(51) H04N 7/173 (2011.01), H04N 5/445 (2011.01)
(86) PCT JP2010/071969 de 08/12/2010
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(51) C01B 31/04 (2006.01)
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(21) **BR 11 2012 015879-1 1.1**
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(51) F04B 53/14 (2006.01)
(86) PCT US2010/057614 de 22/11/2010
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(21) **BR 11 2012 015881-3 1.1**
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(51) H01F 1/00 (2006.01), C09K 8/80 (2006.01), H01F 1/24 (2006.01)
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(21) **BR 11 2012 015888-0 1.1**
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(51) B23K 15/00 (2006.01), B23K 26/06 (2006.01), B23K 26/26 (2006.01), B23K 26/32 (2006.01), F01D 5/04 (2006.01), F01D 5/30 (2006.01), F04D 29/28 (2006.01)
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(21) **BR 11 2012 015891-0 1.1**
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(51) H01F 29/14 (2006.01), H02P 13/12 (2006.01)
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(21) **BR 11 2012 016013-3 1.1**
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(51) C09D 5/00 (2006.01)
(86) PCT IB10/003246 de 15/12/2010
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(21) **BR 11 2012 016169-5 1.1**
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(51) C02F 1/467 (2006.01)
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(21) **BR 11 2012 016337-0 1.1**
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(51) B26F 1/26 (2006.01), H01L 21/768 (2006.01)
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(21) **BR 11 2012 016352-3 1.1**
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(51) G06F 9/06 (2006.01), G06F 13/00 (2006.01), H02J 13/00 (2006.01)
(86) PCT BR2010/000424 de 20/12/2010
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(51) H01F 27/14 (2006.01), H02H 7/04 (2006.01), H02H 5/08 (2006.01), H02H 5/04 (2006.01), G01M 3/02 (2006.01)
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(51) B63B 7/00 (2006.01)
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(86) PCT US2010/058193 de 29/11/2010
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(21) **BR 11 2012 016372-8 1.1**
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(51) H04B 7/005 (2006.01)
(86) PCT CN2010/079935 de 17/12/2010
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(21) **BR 11 2012 016373-6 1.1**
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(51) H04B 10/00 (2013.01)
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(21) **BR 11 2012 016376-0 1.1**
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(51) C07D 487/04 (2006.01), A61K 31/519 (2006.01), A61P 35/00 (2006.01)
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(51) C08F 4/48 (2006.01), C07F 7/10 (2006.01)
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(51) A61F 5/058 (2006.01), A61F 5/01 (2006.01)
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(87) WO 2011/079865 de 07/07/2011

(21) **BR 11 2012 016384-1 1.1**
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(51) B21C 47/24 (2006.01), B21B 1/46 (2006.01), C21D 9/68 (2006.01)
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(51) F24J 2/54 (2006.01), F24J 2/38 (2006.01)
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(51) C07H 1/08 (2006.01), C07H 15/256 (2006.01), A23L 1/236 (2006.01)
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(21) **BR 11 2012 016388-4 1.1**
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(51) C21C 7/04 (2006.01), C21C 1/02 (2006.01), C21C 7/064 (2006.01)
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(21) **BR 11 2012 016389-2 1.1**
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(51) E04C 3/08 (2006.01), E04C 5/065 (2006.01), F16B 7/00 (2006.01), E04C 3/04 (2006.01)
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(51) H04W 40/12 (2009.01), H04W 40/16 (2009.01), H04W 40/24 (2009.01), H04L 12/24 (2006.01), H04L 12/26 (2006.01)
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(51) A61B 17/068 (2006.01), A61B 17/072 (2006.01), A61B 17/28 (2006.01), A61B 17/00 (2006.01)
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(21) **BR 11 2012 016392-2 1.1**
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(51) A61K 31/52 (2006.01)
(86) PCT US2010/062555 de 30/12/2010
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(21) **BR 11 2012 016395-7 1.1**
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(51) G06F 21/00 (2013.01)
(86) PCT US2010/062658 de 31/12/2010
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(21) **BR 11 2012 016396-5 1.1**
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(51) A61K 38/12 (2006.01), A61K 38/21 (2006.01), C07K 5/00 (2006.01), C07K 14/57 (2006.01), A61P 37/00 (2006.01), A61P 35/00 (2006.01), A61P 31/12 (2006.01), A61P 43/00 (2006.01), A61P 1/16 (2006.01), A61P 9/10 (2006.01), A61P 11/00 (2006.01)
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(21) **BR 11 2012 016397-3 1.1**
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(51) B01J 31/22 (2006.01), C07F 15/00 (2006.01), C08F 4/80 (2006.01)
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(51) A61K 8/34 (2006.01), A61Q 11/00 (2006.01)
(86) PCT US2011/022860 de 28/01/2011
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(21) **BR 11 2012 016401-5 1.1**
(30) 07/01/2010 FR 1050073
(51) F16D 13/64 (2006.01)
(86) PCT FR2011/050025 de 07/01/2011
(87) WO 2011/083280 de 14/07/2011

(21) **BR 11 2012 016402-3 1.1**
(30) 31/12/2009 FR 0959695; 16/02/2010 FR 1051076; 30/11/2010 FR 1059915
(51) B32B 17/10 (2006.01), B60J 1/00 (2006.01), C03C 27/12 (2006.01)
(86) PCT FR2010/052815 de 20/12/2010
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(21) **BR 11 2012 016403-1 1.1**
(30) 04/01/2010 FR 10 50014
(51) H04N 7/26 (2006.01), H04N 5/232 (2006.01)
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(21) **BR 11 2012 016404-0 1.1**
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(51) F01D 21/00 (2006.01), F01D 25/28 (2006.01)
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(21) **BR 11 2012 016405-8 1.1**
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(21) **BR 11 2012 016406-6 1.1**
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(51) C03C 17/30 (2006.01), G02B 1/10 (2006.01), G02B 1/11 (2006.01), G02B 27/00 (2006.01)
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(21) **BR 11 2012 016407-4 1.1**
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(51) H04N 7/18 (2006.01), G03B 17/56 (2006.01), H04N 5/222 (2006.01), H04N 5/225 (2006.01), H04N 5/232 (2006.01)
(86) PCT JP2010/007506 de 24/12/2010
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(21) **BR 11 2012 016408-2 1.1**
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(51) F16L 55/18 (2006.01), G01M 3/08 (2006.01), G05B 23/02 (2006.01), G01V 3/08 (2006.01)
(86) PCT US2010/058557 de 01/12/2010
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(21) **BR 11 2012 016419-8 1.1**
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(51) A61B 3/16 (2006.01)
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(87) WO 2011/083105 de 14/07/2011

(21) **BR 11 2012 016572-0 1.1**
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(51) A61B 5/145 (2006.01), A61B 5/00 (2006.01), G01N 21/65 (2006.01), A61B 5/103 (2006.01), A61B 5/1495 (2006.01)
(86) PCT EP2011/050059 de 04/01/2011
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(21) **BR 11 2012 016573-9 1.1**

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(51) A47L 13/59 (2006.01), A47L 13/255 (2006.01), A47L 13/42 (2006.01)
(86) PCT GB2011/050063 de 17/01/2011
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(21) **BR 11 2012 016574-7 1.1**
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(51) B01J 37/02 (2006.01), B01J 37/04 (2006.01), B05D 7/22 (2006.01), B28B 11/04 (2006.01), F01N 3/20 (2006.01)
(86) PCT GB2011/050005 de 04/01/2011
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(21) **BR 11 2012 016575-5 1.1**
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(51) A61K 8/64 (2006.01), A61K 38/18 (2006.01), A61Q 19/00 (2006.01), C12N 15/82 (2006.01), C07K 14/485 (2006.01)
(86) PCT IS2011/050001 de 06/01/2011
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(21) **BR 11 2012 016576-3 1.1**
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(51) C10L 3/08 (2006.01), C10L 3/10 (2006.01)
(86) PCT GB2010/052115 de 16/12/2010
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(21) **BR 11 2012 016577-1 1.1**
(30) 04/01/2010 GB 1000047.9; 04/01/2010 EP 10150065.0
(51) G06Q 10/00 (2006.01), G06Q 40/00 (2006.01)
(86) PCT EP2011/050072 de 04/01/2011
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(21) **BR 11 2012 016578-0 1.1**
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(51) C02F 1/32 (2006.01)
(86) PCT GB2011/000006 de 05/01/2011
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(21) **BR 11 2012 016595-0 1.1**
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(51) C09D 183/02 (2006.01), C09D 5/08 (2006.01), C09D 7/12 (2006.01), C09D 7/14 (2006.01), C23C 26/00 (2006.01)
(86) PCT US10/059730 de 09/12/2010
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(21) **BR 11 2012 016644-1 1.1**
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(51) F16C 33/28 (2006.01)
(86) PCT EP2011/050658 de 19/01/2011
(87) WO 2011/089145 de 28/07/2011

(21) **BR 11 2012 016651-4 1.1**
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(51) G01F 1/66 (2006.01), G01F 15/14 (2006.01), G01F 15/00 (2006.01)
(86) PCT US2011/020109 de 04/01/2011
(87) WO 2011/084948 de 14/07/2011

(21) **BR 11 2012 016654-9 1.1**
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(51) G06K 9/46 (2006.01)
(86) PCT US2011/020613 de 08/01/2011
(87) WO 2011/085277 de 14/07/2011

(21) **BR 11 2012 016656-5 1.1**
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(51) C01B 17/22 (2006.01), C09K 5/00 (2006.01), C09K 5/12 (2006.01)
(86) PCT EP2010/070617 de 23/12/2010
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(21) **BR 11 2012 016657-3 1.1**
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(51) G01F 1/66 (2006.01), G01F 15/14 (2006.01), G01F 15/18 (2006.01)
(86) PCT US2011/020026 de 03/01/2011
(87) WO 2011/084912 de 14/07/2011

(21) **BR 11 2012 016658-1 1.1**
(30) 05/01/2010 EP 101501112
(51) B41M 5/26 (2006.01), C08G 18/48 (2006.01), C08K 3/22 (2006.01), A01K 11/00 (2006.01)
(86) PCT EP2011/050015 de 03/01/2011
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(21) **BR 11 2012 016659-0 1.1**
(30) 11/01/2010 US 61293959; 07/01/2011 US 12986831
(51) H04B 1/7107 (2011.01), H04J 11/00 (2006.01)
(86) PCT US2011/020891 de 11/01/2011
(87) WO 2011/085399 de 14/07/2011

(21) **BR 11 2012 016661-1 1.1**
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(51) C01B 17/22 (2006.01), C09K 5/00 (2006.01), C09K 5/12 (2006.01)
(86) PCT EP2010/070616 de 23/12/2010
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(21) **BR 11 2012 016662-0 1.1**
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(51) G01F 1/66 (2006.01), G01F 15/06 (2006.01), G01F 15/18 (2006.01)
(86) PCT US2011/020289 de 06/01/2011
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(21) **BR 11 2012 016663-8 1.1**
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(51) H04W 4/02 (2009.01), H04W 64/00 (2009.01)
(86) PCT US2011/020600 de 07/01/2011
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(21) **BR 11 2012 016664-6 1.1**
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(86) PCT IB2010/050017 de 05/01/2010
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(21) **BR 11 2012 016665-4 1.1**
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(51) G02F 1/13357 (2006.01), F21S 2/00 (2006.01), G02F 1/1335 (2006.01), F21Y 101/02 (2006.01)
(86) PCT JP2010/073613 de 27/12/2010
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(21) **BR 11 2012 016666-2 1.1**
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(51) A61B 17/11 (2006.01), A61B 17/34 (2006.01), A61M 25/01 (2006.01)
(86) PCT US2011/020229 de 05/01/2011
(87) WO 2011/085006 de 14/07/2011

(21) **BR 11 2012 016667-0 1.1**
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(51) F04F 7/02 (2006.01)
(86) PCT GB2011/050673 de 05/04/2011
(87) WO 2011/124909 de 13/10/2011

(21) **BR 11 2012 016668-9 1.1**
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(51) H02J 7/00 (2006.01), G06F 1/00 (2006.01)
(86) PCT US2010/049921 de 23/09/2010
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(21) **BR 11 2012 016669-7 1.1**
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(51) B23K 9/095 (2006.01), B23K 9/10 (2006.01)
(86) PCT US2011/020141 de 04/01/2011
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(21) **BR 11 2012 016670-0 1.1**
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(51) A23L 2/38 (2006.01), A23L 2/52 (2006.01)
(86) PCT JP2010/007584 de 28/12/2010
(87) WO 2011/083556 de 14/07/2011

(21) **BR 11 2012 016671-9 1.1**
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(51) C09G 1/12 (2006.01), C11D 1/14 (2006.01), C11D 1/90 (2006.01), C08L 91/06 (2006.01), C11D 1/72 (2006.01)
(86) PCT US2011/021098 de 13/01/2011
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(21) **BR 11 2012 016672-7 1.1**
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(51) G06F 1/16 (2006.01), G06F 1/26 (2006.01)
(86) PCT US2010/050411 de 27/09/2010
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(21) **BR 11 2012 016673-5 1.1**
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(51) A61K 31/52 (2006.01)
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(21) **BR 11 2012 016674-3 1.1**
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(51) A01D 41/12 (2006.01)
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(87) WO 2011/083128 de 14/07/2011

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(51) B63B 35/03 (2006.01), F16L 1/19 (2006.01), F16L 1/20 (2006.01), F16L 1/235 (2006.01), F16L 9/18 (2006.01)
(86) PCT GB2011/050027 de 10/01/2011
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(21) **BR 11 2012 016676-0 1.1**
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(51) A61K 35/74 (2006.01), A61P 17/00 (2006.01), A61P 43/00 (2006.01)
(86) PCT JP2010/073796 de 28/12/2010
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(51) G01N 27/90 (2006.01)
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(21) **BR 11 2012 016680-8 1.1**
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(21) **BR 11 2012 016701-4 1.1**
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(51) B29C 70/32 (2006.01), B29C 70/54 (2006.01), B29C 70/88 (2006.01), F16C 7/00 (2006.01)
(86) PCT EP2011/000199 de 19/01/2011
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(51) G06F 1/16 (2006.01), H04M 1/02 (2006.01), H05K 5/04 (2006.01)
(86) PCT US2010/046857 de 26/08/2010
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(51) C07K 16/26 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/000049 de 07/01/2011
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(21) **BR 11 2012 016744-8 1.1**
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(51) C12Q 1/68 (2006.01), C12N 15/12 (2006.01)
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(21) **BR 11 2012 016746-4 1.1**
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(51) F16B 25/10 (2006.01)
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(51) A61K 31/198 (2006.01), A61P 31/04 (2006.01)
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(51) B32B 21/08 (2006.01), B32B 38/14 (2006.01), B44C 5/04 (2006.01), E04C 2/24 (2006.01), E04F 15/02 (2006.01)
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(51) A61B 18/20 (2006.01)
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(87) WO 2011/085111 de 14/07/2011

(21) **BR 11 2012 016758-8 1.1**
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(51) H05B 6/36 (2006.01), C21D 1/42 (2006.01), H05B 6/10 (2006.01)
(86) PCT JP2011/050093 de 06/01/2011
(87) WO 2011/083817 de 14/07/2011

(21) **BR 11 2012 016762-6 1.1**
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(51) H04W 76/02 (2009.01), H04W 28/24 (2009.01)
(86) PCT JP2010/072496 de 14/12/2010

(87) WO 2011/083662 de 14/07/2011

(21) **BR 11 2012 016763-4 1.1**
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(51) G06Q 30/00 (2006.01)
(86) PCT US2010/060576 de 15/12/2010
(87) WO 2011/084522 de 14/07/2011

(21) **BR 11 2012 016764-2 1.1**
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(51) A61M 1/02 (2006.01), A61M 1/36 (2006.01), B04B 5/04 (2006.01)
(86) PCT EP2011/050094 de 05/01/2011
(87) WO 2011/083120 de 14/07/2011

(21) **BR 11 2012 016768-5 1.1**
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(51) A61K 39/36 (2006.01), C07K 14/415 (2006.01)
(86) PCT EP2010/007746 de 17/12/2010
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(21) **BR 11 2012 016787-1 1.1**
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(51) A01H 5/00 (2006.01), A01H 5/10 (2006.01), C12N 15/29 (2006.01), C12N 15/82 (2006.01)
(86) PCT US2011/020546 de 07/01/2011
(87) WO 2011/085221 de 14/07/2011

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(51) C11D 3/40 (2006.01)
(86) PCT EP2010/068383 de 29/11/2010
(87) WO 2011/082889 de 14/07/2011

(21) **BR 11 2012 016800-2 1.1**
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(51) C08K 9/00 (2006.01), C08K 5/34 (2006.01)
(86) PCT GB2011/000007 de 06/01/2011
(87) WO 2011/083309 de 14/07/2011

(21) **BR 11 2012 016814-2 1.1**
(30) 08/01/2010 JP 2010-003206
(51) H04W 36/04 (2009.01), H04W 24/10 (2009.01), H04W 84/10 (2009.01)
(86) PCT JP2011/050160 de 07/01/2011
(87) WO 2011/083837 de 14/07/2011

(21) **BR 11 2012 016815-0 1.1**
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(51) H04W 56/00 (2009.01)
(86) PCT JP2011/050213 de 07/01/2011
(87) WO 2011/083863 de 14/07/2011

(21) **BR 11 2012 016816-9 1.1**
(30) 08/01/2010 FR 10 50103
(51) C07D 471/04 (2006.01), A61K 31/519 (2006.01), A61P 9/00 (2006.01)
(86) PCT FR2011/050019 de 06/01/2011
(87) WO 2011/086306 de 21/07/2011

(21) **BR 11 2012 016817-7 1.1**
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(51) G06F 1/16 (2006.01)
(86) PCT US2010/047270 de 31/08/2010
(87) WO 2011/084186 de 14/07/2011

(21) **BR 11 2012 016818-5 1.1**
(30) 15/01/2010 SE 10 50037-9
(51) B32B 21/08 (2006.01), B27N 7/00 (2006.01), C09D 101/00 (2006.01), E04F 15/10 (2006.01), B27N 3/04 (2006.01)
(86) PCT SE2010/051472 de 22/12/2010
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(21) **BR 11 2012 016819-3 1.1**
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(51) F16C 9/02 (2006.01), F16C 7/02 (2006.01), F16C 5/00 (2006.01)
(86) PCT EP2010/007944 de 24/12/2010
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(21) **BR 11 2012 016820-7 1.1**
(30) 08/01/2010 US 61/293,612
(51) C07K 16/26 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/000048 de 07/01/2011
(87) WO 2011/083090 de 14/07/2011

(21) **BR 11 2012 016821-5 1.1**
(51) H04W 24/00 (2009.01), H04B 17/00 (2006.01)
(86) PCT CN2010/070068 de 08/01/2010
(87) WO 2011/082530 de 14/07/2011

(21) **BR 11 2012 016822-3 1.1**
(30) 08/01/2010 NO 20100018
(51) B66D 1/76 (2006.01), B63B 21/20 (2006.01), B65H 75/36 (2006.01)
(86) PCT NO2011/000007 de 07/01/2011
(87) WO 2011/084069 de 14/07/2011

(21) **BR 11 2012 016823-1 1.1**
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(51) C07K 16/26 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/000046 de 07/01/2011
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(21) **BR 11 2012 016841-0 1.1**
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(51) C08L 23/10 (2006.01), C08K 5/06 (2006.01), C08K 5/107 (2006.01)
(86) PCT JP2011/055357 de 08/03/2011
(87) WO 2011/122264 de 06/10/2011

(21) **BR 11 2012 016844-4 1.1**
(30) 08/01/2010 FR 1050113
(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61K 31/455 (2006.01), A61K 31/538 (2006.01), A61P 25/16 (2006.01), A61P 25/28 (2006.01), A61P 25/14 (2006.01)
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(21) **BR 11 2012 016849-5 1.1**
(30) 29/03/2010 US 61/318,482; 25/03/2011 US 13/071,941
(51) H01B 3/30 (2006.01), H01B 9/06 (2006.01), H01B 7/17 (2006.01)
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(21) **BR 11 2012 016851-7 1.1**
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(51) B01F 7/20 (2006.01), B01F 15/00 (2006.01), F16C 17/08 (2006.01), F16C 19/12 (2006.01), F16C 23/02 (2006.01), F16C 23/06 (2006.01)
(86) PCT EP2010/070804 de 28/12/2010
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(21) **BR 11 2012 016853-3 1.1**
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(51) A61K 9/107 (2006.01), A61K 9/48 (2006.01), A61K 38/28 (2006.01), A61K 47/10 (2006.01), A61K 47/14 (2006.01), A61K 47/26 (2006.01)
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(21) **BR 11 2012 016855-0 1.1**
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(51) C12N 9/02 (2006.01), C12N 9/88 (2006.01), C12N 15/52 (2006.01), C12P 7/44 (2006.01)
(86) PCT US2011/020681 de 10/01/2011
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(21) **BR 11 2012 016856-8 1.1**
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(51) C07D 207/10 (2006.01)
(86) PCT JP2011/050206 de 07/01/2011
(87) WO 2011/083858 de 14/07/2011

(21) **BR 11 2012 016858-4 1.1**
(30) 08/01/2010 NO 20100017
(51) B66D 1/76 (2006.01), B63B 21/20 (2006.01), B65H 75/36 (2006.01)
(86) PCT NO2011/000008 de 07/01/2011
(87) WO 2011/084070 de 14/07/2011

(21) **BR 11 2012 016859-2 1.1**
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(51) E04C 2/30 (2006.01)
(86) PCT JP2011/050423 de 13/01/2011
(87) WO 2011/087047 de 21/07/2011

(21) **BR 11 2012 016861-4 1.1**
(51) C12Q 1/02 (2006.01)
(86) PCT IB2010/000139 de 08/01/2010
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(21) **BR 11 2012 016862-2 1.1**
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(51) B01D 63/08 (2006.01), B01D 63/16 (2006.01)
(86) PCT EP2011/050184 de 07/01/2011
(87) WO 2011/083148 de 14/07/2011

(21) **BR 11 2012 016864-9 1.1**
(51) H04W 72/04 (2009.01), H04B 7/26 (2006.01)
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(21) **BR 11 2012 016865-7 1.1**
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(51) A61B 8/12 (2006.01)
(86) PCT US2011/020468 de 07/01/2011
(87) WO 2011/085166 de 14/07/2011

(21) **BR 11 2012 016866-5 1.1**
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(51) A01N 43/90 (2006.01)
(86) PCT US2011/020351 de 06/01/2011
(87) WO 2011/085084 de 14/07/2011

(21) **BR 11 2012 016869-0 1.1**
(30) 08/01/2010 US 61/293,414; 30/04/2010 US 61/329,930
(51) A01N 37/44 (2006.01), A01N 43/50 (2006.01), A01P 1/00 (2006.01)
(86) PCT US2011/020706 de 10/01/2011
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(21) **BR 11 2012 016873-8 1.1**
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(51) H01L 31/00 (2006.01)
(86) PCT US2011/020001 de 01/01/2011
(87) WO 2011/084903 de 14/07/2011

(21) **BR 11 2012 016874-6 1.1**
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(51) A61F 2/42 (2006.01), A61F 2/00 (2006.01), A61F 2/30 (2006.01)
(86) PCT US2010/062216 de 28/12/2010
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(21) **BR 11 2012 016877-0 1.1**
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(51) A61K 8/27 (2006.01), A61K 8/73 (2006.01), A61K 8/81 (2006.01), A61K 8/02 (2006.01), A61Q 11/00 (2006.01)
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(21) **BR 11 2012 016878-9 1.1**
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(51) H04W 72/04 (2009.01)
(86) PCT SE2010/051257 de 16/11/2010
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(21) **BR 11 2012 016879-7 1.1**
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(51) A01N 37/00 (2006.01), A01N 37/18 (2006.01)
(86) PCT US2011/020534 de 07/01/2011
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(21) **BR 11 2012 016880-0 1.1**
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(51) F16G 11/04 (2006.01)
(86) PCT EP2011/050106 de 05/01/2011
(87) WO 2011/083126 de 14/07/2011

(21) **BR 11 2012 016881-9 1.1**
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(51) E02F 3/407 (2006.01), E02F 3/43 (2006.01), E02F 3/40 (2006.01)
(86) PCT US2011/020572 de 07/11/2011
(87) WO 2011/085243 de 14/07/2011

(21) **BR 11 2012 016883-5 1.1**
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(51) C07C 1/00 (2006.01)
(86) PCT US2011/020549 de 07/01/2011
(87) WO 2011/085223 de 14/07/2011

(21) **BR 11 2012 016884-3 1.1**
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(51) A61B 5/15 (2006.01)
(86) PCT US2010/062373 de 29/12/2010
(87) WO 2011/100039 de 18/08/2011

(21) **BR 11 2012 016885-1 1.1**
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(51) H05B 3/60 (2006.01), F24H 4/02 (2006.01)

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(21) **BR 11 2012 016891-6 1.1**
(30) 08/01/2010 JP 2010-002951
(51) H05B 33/12 (2006.01), C09K 11/06 (2006.01), G02F 1/13357 (2006.01), H01L 51/50 (2006.01), H05B 33/14 (2006.01)
(86) PCT JP2010/069209 de 28/10/2010
(87) WO 2011/083618 de 14/07/2011

(21) **BR 11 2012 016893-2 1.1**
(51) H04L 27/26 (2006.01)
(86) PCT CN2010/070087 de 08/01/2010
(87) WO 2011/082543 de 14/07/2011

(21) **BR 11 2012 016894-0 1.1**
(51) C12N 1/00 (2006.01), C12R 1/225 (2006.01), C12R 1/245 (2006.01)
(86) PCT IB2010/000194 de 08/01/2010
(87) WO 2011/083354 de 14/07/2011

(21) **BR 11 2012 016896-7 1.1**
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(51) F04B 39/00 (2006.01), F04B 39/14 (2006.01)
(86) PCT KR2010/007808 de 05/11/2010
(87) WO 2011/083906 de 14/07/2011

(21) **BR 11 2012 016905-0 1.1**
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(51) H04N 7/16 (2011.01), H04N 21/458 (2011.01)
(86) PCT US10/061618 de 21/12/2010
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(21) **BR 11 2012 016906-8 1.1**
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(51) B65D 21/032 (2006.01)
(86) PCT US10/062347 de 29/12/2010
(87) WO 2011/090748 de 28/07/2011

(21) **BR 11 2012 016907-6 1.1**
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(51) B60M 1/02 (2006.01), H02G 1/02 (2006.01)
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(21) **BR 11 2012 016908-4 1.1**
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(51) C12N 15/52 (2006.01), C12P 13/12 (2006.01)
(86) PCT EP10/070858 de 29/12/2010
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(21) **BR 11 2012 016909-2 1.1**
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(51) H04N 5/225 (2006.01), H04N 5/243 (2006.01)
(86) PCT JP10/073263 de 16/12/2010
(87) WO 2011/078300 de 30/06/2011

(21) **BR 11 2012 016910-6 1.1**
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(51) A61K 39/05 (2006.01)
(86) PCT FI10/051094 de 28/12/2010
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(21) **BR 11 2012 016911-4 1.1**
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(51) F16D 65/092 (2006.01), B61H 5/00 (2006.01)
(86) PCT JP10/073697 de 28/12/2010
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(21) **BR 11 2012 016912-2 1.1**
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(86) PCT IB09/055967 de 28/12/2009
(87) WO 2011/080537 de 07/07/2011

(21) **BR 11 2012 016913-0 1.1**
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(86) PCT IB09/055968 de 28/12/2009
(87) WO 2011/080538 de 07/07/2011

(21) **BR 11 2012 016914-9 1.1**
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(51) B65D 43/16 (2006.01), B65D 51/24 (2006.01), G01F 19/00 (2006.01)
(86) PCT US10/041639 de 12/07/2010
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(21) **BR 11 2012 016915-7 1.1**
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(86) PCT IB09/055969 de 28/12/2009
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(21) **BR 11 2012 016916-5 1.1**
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(51) C23C 22/80 (2006.01), C23C 22/78 (2006.01), C23C 22/06 (2006.01)
(86) PCT US10/062123 de 27/12/2010
(87) WO 2011/090691 de 28/07/2011

(21) **BR 11 2012 016917-3 1.1**
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(51) C22C 21/12 (2006.01), C22C 21/16 (2006.01), B22D 19/00 (2006.01), F02F 1/24 (2006.01)
(86) PCT FR10/000812 de 07/12/2010
(87) WO 2011/083209 de 14/07/2011

(21) **BR 11 2012 016918-1 1.1**
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(51) G01N 33/68 (2006.01)
(86) PCT EP10/070446 de 21/12/2010
(87) WO 2011/080170 de 07/07/2011

(21) **BR 11 2012 016919-0 1.1**
(30) 21/12/2009 DE 10 2009 060 785.4; 19/02/2010 DE 20 2010 002 791.8
(51) F16K 1/12 (2006.01)
(86) PCT EP10/069935 de 16/12/2010
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(21) **BR 11 2012 016920-3 1.1**
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(51) A61K 9/14 (2006.01), A61K 9/16 (2006.01), A61K 9/20 (2006.01), A61K 31/517 (2006.01), A61P 25/08 (2006.01), A61P 25/16 (2006.01), A61P 25/18 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01)
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(21) **BR 11 2012 016923-8 1.1**
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(51) C07D 413/12 (2006.01), C07D 417/12 (2006.01)
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(21) **BR 11 2012 016925-4 1.1**
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(51) A47J 31/36 (2006.01), B65D 85/804 (2006.01)
(86) PCT EP10/070266 de 20/12/2010
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(21) **BR 11 2012 016926-2 1.1**
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(51) A61K 39/05 (2006.01)
(86) PCT FI10/051093 de 28/12/2010
(87) WO 2011/080395 de 07/07/2011

(21) **BR 11 2012 017013-9 1.1**
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(51) H04B 3/32 (2006.01)
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(87) WO 2011/035596 de 31/03/2011

(21) **BR 11 2012 017054-6 1.1**
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(51) A61K 38/17 (2006.01), A61K 38/26 (2006.01), C07K 14/605 (2006.01), A61P 3/04 (2006.01), A61P 3/10 (2006.01)
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(21) **BR 11 2012 017055-4 1.1**
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(51) C12N 15/09 (2006.01), A01H 5/00 (2006.01), C07K 14/415 (2006.01), C07K 16/16 (2006.01), C12N 5/10 (2006.01), C12Q 1/68 (2006.01)
(86) PCT JP2010/073288 de 24/12/2010
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(21) **BR 11 2012 017056-2 1.1**
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(51) C11D 3/386 (2006.01)
(86) PCT US2010/060768 de 16/12/2010
(87) WO 2011/084599 de 14/07/2011

(21) **BR 11 2012 017060-0 1.1**
(30) 21/12/2009 US 61/288,666; 02/06/2010 US 61/350,747
(51) C11D 3/386 (2006.01), C12N 9/20 (2006.01), C12N 9/18 (2006.01)
(86) PCT US2010/060253 de 14/12/2010
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(51) C12Q 1/68 (2006.01)
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(21) **BR 11 2012 017062-7 1.1**
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(51) C11D 3/386 (2006.01), C12N 9/20 (2006.01), C12N 9/18 (2006.01)
(86) PCT US2010/060268 de 14/12/2010
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(21) **BR 11 2012 017110-0 1.1**
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(51) B32B 1/02 (2006.01), B32B 1/08 (2006.01), B32B 15/08 (2006.01), B32B 27/30 (2006.01), B32B 27/32 (2006.01), B32B 27/36 (2006.01), B65D 65/38 (2006.01), B65D 65/40 (2006.01), B29C 65/50 (2006.01), B29D 23/20 (2006.01)
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(21) **BR 11 2012 017115-1 1.1**
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(51) B23B 51/05 (2006.01)
(86) PCT US2011/021217 de 13/01/2011
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(21) **BR 11 2012 017119-4 1.1**
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(51) G02F 1/133 (2006.01)
(86) PCT JP2010/060697 de 17/06/2010
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(86) PCT CN2009/001536 de 23/12/2009
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(21) **BR 11 2012 017123-2 1.1**
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(51) C07D 471/04 (2006.01), C07D 519/00 (2006.01), A61K 31/437 (2006.01), A61K 31/4985 (2006.01), A61P 9/00 (2006.01), A61P 19/08 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01)
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(51) C12N 15/00 (2006.01), A61K 39/395 (2006.01), C07K 1/22 (2006.01), C07K 16/46 (2006.01), C12N 1/15 (2006.01), C12N 1/19 (2006.01), C12N 1/21 (2006.01), C12N 5/10 (2006.01), C12N 15/09 (2006.01)
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(21) **BR 11 2012 017125-9 1.1**
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(51) C08F 10/00 (2006.01), C08L 23/00 (2006.01), B01J 8/00 (2006.01)
(86) PCT EP2010/007785 de 20/12/2010
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(21) **BR 11 2012 017126-7 1.1**
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(51) C07D 401/14 (2006.01), C07D 403/04 (2006.01), C07D 403/14 (2006.01), C07D 409/14 (2006.01), A61K 31/506 (2006.01), A61P 29/00 (2006.01), A61P 37/08 (2006.01)
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(21) **BR 11 2012 017131-3 1.1**
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(51) A61K 38/00 (2006.01), C07K 1/00 (2006.01)
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(51) A45D 44/22 (2006.01)
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(21) **BR 11 2012 017135-6 1.1**
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(51) C07K 16/28 (2006.01)
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(21) **BR 11 2012 017136-4 1.1**
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(51) A61K 31/57 (2006.01), A61K 31/575 (2006.01), A61K 47/44 (2006.01), A61P 25/00 (2006.01), C07J 5/00 (2006.01), C07J 9/00 (2006.01)
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(21) **BR 11 2012 017137-2 1.1**
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(51) E21B 21/00 (2006.01), E21B 37/00 (2006.01), E21B 43/12 (2006.01), F04D 13/10 (2006.01), F04D 17/12 (2006.01)
(86) PCT EP2010/070687 de 23/12/2010
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(21) **BR 11 2012 017139-9 1.1**
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(51) C08F 4/656 (2006.01), C08F 10/00 (2006.01)
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(21) **BR 11 2012 017140-2 1.1**
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(51) C04B 7/00 (2006.01)
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(51) C13K 13/00 (2006.01), C13K 1/02 (2006.01)
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(21) **BR 11 2012 017142-9 1.1**
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(51) G01V 8/16 (2006.01), G01V 8/10 (2006.01), E21B 47/00 (2006.01)
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(51) B27D 1/10 (2006.01), B27D 3/00 (2006.01), B30B 15/06 (2006.01), B27D 1/04 (2006.01)
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(51) B60J 7/16 (2006.01), B62D 25/06 (2006.01), B62D 29/00 (2006.01)
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(51) H04N 7/30 (2006.01), H04N 7/50 (2006.01)
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(51) B32B 15/08 (2006.01)
(86) PCT JP2010/073805 de 28/12/2010
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(21) **BR 11 2012 017150-0 1.1**
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(51) A61K 39/395 (2006.01), C07K 16/28 (2006.01), A61P 17/06 (2006.01)
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(51) H04K 3/00 (2006.01), H04B 1/74 (2006.01)
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(21) **BR 11 2012 017164-0 1.1**
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(51) C07K 14/705 (2006.01), C07K 19/00 (2006.01), C07K 16/00 (2006.01), A61K 39/00 (2006.01), A61P 11/06 (2006.01), A61P 29/00 (2006.01), A61K 38/00 (2006.01)
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(21) **BR 11 2012 017166-6 1.1**
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(51) A61B 5/00 (2006.01), A61B 5/024 (2006.01), A61B 5/0245 (2006.01), A61B 5/0488 (2006.01), A61B 5/08 (2006.01), A61B 5/1455 (2006.01)
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(51) C07D 301/03 (2006.01)
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(51) A61K 9/70 (2006.01), A61K 31/27 (2006.01), A61K 31/445 (2006.01), A61K 31/55 (2006.01)
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(51) F16H 7/12 (2006.01)
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(21) **BR 11 2012 017286-7 1.1**
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(51) C23C 14/34 (2006.01), B65G 49/06 (2006.01), H01L 21/02 (2006.01), H01L 21/205 (2006.01), H01L 21/677 (2006.01), H01L 31/04 (2006.01)
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(51) D04H 3/16 (2006.01)
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(51) C10G 35/00 (2006.01), C07C 4/06 (2006.01), C10L 1/04 (2006.01)
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(51) F28F 3/08 (2006.01)
(86) PCT US10/002363 de 27/08/2010
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(21) **BR 11 2012 017292-1 1.1**
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(21) **BR 11 2012 017342-1 1.1**
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(51) C12N 9/02 (2006.01), A01K 67/027 (2006.01), C12N 15/85 (2006.01), C12Q 1/66 (2006.01), G01N 33/50 (2006.01)
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(21) **BR 11 2012 017344-8 1.1**
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(51) C12N 1/20 (2006.01), C12N 1/21 (2006.01), C12N 15/82 (2006.01), C12R 1/01 (2006.01)
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(51) C12P 5/00 (2006.01), C12P 7/00 (2006.01), C12N 15/90 (2006.01)
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(21) **BR 11 2012 017347-2 1.1**
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(51) C12N 15/09 (2006.01), C12N 1/19 (2006.01), C12N 9/90 (2006.01), C12P 1/02 (2006.01), C12P 7/06 (2006.01), C12P 7/54 (2006.01), C12P 7/56 (2006.01)
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(51) A61K 38/17 (2006.01), A61K 38/26 (2006.01), A61P 3/04 (2006.01), A61P 3/10 (2006.01), C07K 14/605 (2006.01)
(86) PCT US2010/060390 de 15/12/2010
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(51) A61K 9/08 (2006.01), A61K 9/00 (2006.01), A61K 38/30 (2006.01)
(86) PCT EP2010/070174 de 20/12/2010
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(51) C07K 19/00 (2006.01), C07K 14/245 (2006.01), C12N 15/62 (2006.01), C12N 15/63 (2006.01), C12N 15/31 (2006.01), A61K 38/16 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01)
(86) PCT CN2010/070762 de 26/02/2010
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(51) A23L 2/02 (2006.01), C02F 1/44 (2006.01), C13B 20/14 (2011.01), C02F 1/28 (2006.01), C13B 20/12 (2011.01), C13B 20/16 (2011.01)
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(21) **BR 11 2012 017403-7 1.1**
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(51) H01B 7/17 (2006.01), H01B 7/20 (2006.01), H05K 9/00 (2006.01)
(86) PCT JP2011/050395 de 13/01/2011
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(21) **BR 11 2012 017519-0 1.1**
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(51) G01C 21/00 (2006.01), G05D 1/02 (2006.01)
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(21) **BR 11 2012 017522-0 1.1**
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(51) C10M 169/04 (2006.01), C10M 101/04 (2006.01), C10M 105/18 (2006.01), C10M 105/32 (2006.01), C10M 107/34 (2006.01), C10M 129/76 (2006.01), C10M 137/04 (2006.01), C10N 20/00 (2006.01), C10N 20/02 (2006.01), C10N 30/06

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(21) **BR 11 2012 017523-8 1.1**
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(51) B65B 37/20 (2006.01), B65B 39/00 (2006.01)
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(51) A47J 31/44 (2006.01)
(86) PCT EP2011/050319 de 12/01/2011
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(21) **BR 11 2012 017530-0 1.1**
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(51) H04W 64/00 (2009.01)
(86) PCT US2010/046707 de 25/08/2010
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(21) **BR 11 2012 017533-5 1.1**
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(51) B01F 7/00 (2006.01), B01F 13/10 (2006.01), B29B 13/10 (2006.01), B02C 18/12 (2006.01), B29B 17/04 (2006.01)
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(21) **BR 11 2012 017621-8 1.1**
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(51) A01N 59/00 (2006.01), A01C 1/00 (2006.01), A01N 25/00 (2006.01), A01N 25/02 (2006.01), A01N 59/02 (2006.01), A01P 21/00 (2006.01)
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(51) A01B 73/04 (2006.01), A01C 7/20 (2006.01)
(86) PCT FR2011/050342 de 17/02/2011
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(21) **BR 11 2012 017697-8 1.1**
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(51) A01N 31/04 (2006.01), A01N 65/06 (2009.01), A01N 65/00 (2009.01), A01N 25/06 (2006.01), A01P 7/00 (2006.01)
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(21) **BR 11 2012 017699-4 1.1**
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(51) B60C 11/12 (2006.01)
(86) PCT EP2011/051638 de 04/02/2011
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(21) **BR 11 2012 017702-8 1.1**
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(51) F24J 2/10 (2006.01), F24B 5/08 (2006.01)
(86) PCT US2010/003260 de 29/12/2010
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(21) **BR 11 2012 017704-4 1.1**
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(51) B60C 11/12 (2006.01)
(86) PCT EP2011/051632 de 04/02/2011
(87) WO 2011/098401 de 18/08/2011

(21) **BR 11 2012 017705-2 1.1**
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(51) C07D 401/04 (2006.01), A61K 31/4439 (2006.01), A61P 35/00 (2006.01)
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(21) **BR 11 2012 017707-9 1.1**
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(51) A61Q 11/00 (2006.01), A61K 8/19 (2006.01), A61K 8/27 (2006.01), A61K 8/81 (2006.01)
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(51) H02M 1/08 (2006.01), H02M 7/48 (2007.01)
(86) PCT JP2010/072545 de 15/12/2010
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(86) PCT IB2011/000280 de 18/01/2011
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(51) H01M 2/10 (2006.01), H01M 2/20 (2006.01), H01M 8/24 (2006.01), H01G 9/00 (2006.01), H01R 11/28 (2006.01)
(86) PCT EP2010/007844 de 21/12/2010
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(51) C01B 3/02 (2006.01), H01M 8/06 (2006.01), B01D 53/62 (2006.01)
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(51) B60C 11/11 (2006.01)
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(51) B60P 1/00 (2006.01)
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(21) **BR 11 2012 017725-7 1.1**
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(51) G02B 5/22 (2006.01), G02B 5/08 (2006.01)
(86) PCT EP2010/060328 de 16/07/2010
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(51) G08G 1/04 (2006.01), G01S 17/10 (2006.01), G01S 17/88 (2006.01)
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(51) B60S 1/08 (2006.01), H02H 7/085 (2006.01)
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(51) C21B 13/14 (2006.01), C21B 13/00 (2006.01)
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(51) F16D 65/14 (2006.01), B60T 17/08 (2006.01)
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(51) C01B 31/02 (2006.01), B01J 23/745 (2006.01)
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(86) PCT US2010/058793 de 02/12/2010
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(51) H04L 29/08 (2006.01), H04W 8/00 (2009.01)
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(51) A61K 9/70 (2006.01), A61K 31/381 (2006.01)
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(21) **BR 11 2012 017738-9 1.1**
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(51) A61M 16/00 (2006.01), A61M 13/00 (2006.01), A61M 39/00 (2006.01), B32B 3/26 (2006.01), B32B 3/30 (2006.01), B32B 5/22 (2006.01), B32B 3/28 (2006.01), B32B 5/18 (2006.01), B32B 27/00 (2006.01), A62B 7/00 (2006.01)
(86) PCT IB2010/003454 de 22/12/2010
(87) WO 2011/077250 de 30/06/2011

(21) **BR 11 2012 017739-7 1.1**
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(51) E21B 47/01 (2006.01), E21B 47/024 (2006.01)
(86) PCT US10/061877 de 22/12/2010
(87) WO 2011/079221 de 30/06/2011

(21) **BR 11 2012 017741-9 1.1**
(30) 28/01/2010 CO CO 1008521; 28/01/2011 WO PCT/IB2011/000175
(51) A47B 67/00 (2006.01), G09F 27/00 (2006.01)
(86) PCT IB11/000175 de 28/01/2011
(87) WO 2011/092591 de 04/08/2011

(21) **BR 11 2012 017742-7 1.1**
(30) 21/12/2009 GB 09 22315.7
(51) B60L 5/00 (2006.01), B60M 1/34 (2006.01), B60M 3/04 (2006.01)
(86) PCT EP10/007986 de 21/12/2010
(87) WO 2011/076434 de 30/06/2011

(21) **BR 11 2012 017801-6 1.1**
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(51) B01D 24/00 (2006.01), B01D 39/02 (2006.01)
(86) PCT IL2011/000028 de 11/01/2011
(87) WO 2011/089591 de 28/07/2011

(21) **BR 11 2012 017807-5 1.1**
(51) G08B 21/10 (2006.01)
(86) PCT EP2010/050595 de 19/01/2010
(87) WO 2011/088891 de 28/07/2011

(21) **BR 11 2012 017813-0 1.1**
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(51) F01L 1/344 (2006.01)
(86) PCT EP2010/070215 de 20/12/2010
(87) WO 2011/088939 de 28/07/2011

(21) **BR 11 2012 017816-4 1.1**
(30) 20/01/2010 EP 10000542.0
(51) H02K 15/03 (2006.01), H02K 1/27 (2006.01), H01F 7/02 (2006.01), H02K 7/18 (2006.01)
(86) PCT EP2011/050262 de 11/01/2011
(87) WO 2011/089040 de 28/07/2011

(21) **BR 11 2012 017818-0 1.1**
(30) 19/01/2010 FI 20105040
(51) C02F 1/461 (2006.01), C02F 1/463 (2006.01), C02F 1/465 (2006.01), C02F 1/66 (2006.01), C02F 1/467 (2006.01)
(86) PCT FI2011/050023 de 13/01/2011
(87) WO 2011/089311 de 28/07/2011

(21) **BR 11 2012 017822-9 1.1**
(30) 19/01/2010 DE 10 2010 004 983.2
(51) C21C 5/28 (2006.01)
(86) PCT EP2011/050079 de 05/01/2011
(87) WO 2011/089027 de 28/07/2011

(21) **BR 11 2012 017827-0 1.1**
(30) 17/02/2010 US 12/707,018
(51) G06F 9/44 (2006.01), G06F 9/46 (2006.01)
(86) PCT US2011/024235 de 09/02/2011
(87) WO 2011/103009 de 25/08/2011

(21) **BR 11 2012 017830-0 1.1**
(30) 22/01/2010 US 61/297,634; 02/04/2010 US 61/320,384; 20/01/2011 US 13/10,418
(51) B65G 11/16 (2006.01), G05D 16/20 (2006.01), F16K 11/07 (2006.01), B65G 47/18 (2006.01), B65G 47/44 (2006.01)
(86) PCT US2011/022105 de 21/01/2011
(87) WO 2011/091287 de 28/07/2011

(21) **BR 11 2012 017833-4 1.1**

(30) 19/01/2010 US 12/689,249; 11/10/2010 IS 208634
(51) A61M 5/142 (2006.01)
(86) PCT US2011/021604 de 19/01/2011
(87) WO 2011/090955 de 28/07/2011

(21) **BR 11 2012 017835-0 1.1**
(30) 19/01/2010 CL 035-2010
(51) B01D 47/06 (2006.01)
(86) PCT CL2011/000002 de 10/01/2011
(87) WO 2011/088584 de 28/07/2011

(21) **BR 11 2012 017836-9 1.1**
(30) 22/01/2010 KR 10-2010-005803
(51) C12N 15/29 (2006.01), C07K 14/415 (2006.01), C12N 15/82 (2006.01), A01H 1/00 (2006.01)
(86) PCT KR2010/009447 de 28/12/2010
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(21) **BR 11 2012 017839-3 1.1**
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(51) A61M 5/145 (2006.01)
(86) PCT US2011/021605 de 19/01/2011
(87) WO 2011/090956 de 28/07/2011

(21) **BR 11 2012 017872-5 1.1**
(30) 29/01/2010 JP 2010-017893
(51) A61K 8/37 (2006.01), A61K 8/06 (2006.01), A61K 8/35 (2006.01), A61K 8/86 (2006.01), A61K 8/92 (2006.01), A61Q 17/04 (2006.01)
(86) PCT JP2010/073560 de 27/12/2010
(87) WO 2011/092992 de 04/08/2011

(21) **BR 11 2012 017875-0 1.1**
(30) 19/01/2010 NO 20100088
(51) C02F 1/52 (2006.01), C02F 1/54 (2006.01), C02F 1/66 (2006.01)
(86) PCT NO2011/000023 de 19/01/2011
(87) WO 2011/090391 de 28/07/2011

(21) **BR 11 2012 017877-6 1.1**
(30) 19/01/2010 EP 10151089.9
(51) C07C 263/04 (2006.01), B01D 3/00 (2006.01)
(86) PCT EP2011/050557 de 18/01/2011
(87) WO 2011/089098 de 28/07/2011

(21) **BR 11 2012 017879-2 1.1**
(30) 29/01/2010 SE 1000085-9
(51) B04B 13/00 (2006.01), B04B 11/02 (2006.01)
(86) PCT SE2011/050091 de 28/01/2011
(87) WO 2011/093784 de 04/08/2011

(21) **BR 11 2012 017880-6 1.1**
(30) 19/01/2010 US 61/296385
(51) G06Q 20/00 (2006.01)
(86) PCT US2011/021737 de 19/01/2011
(87) WO 2011/091053 de 28/07/2011

(21) **BR 11 2012 017881-4 1.1**
(30) 19/01/2010 US 61/296388
(51) G06Q 20/00 (2006.01)
(86) PCT US2011/021734 de 19/01/2011
(87) WO 2011/091051 de 28/07/2011

(21) **BR 11 2012 017882-2 1.1**
(30) 19/01/2010 CH 00074/10; 06/05/2010 CH 00701/10
(51) A61K 6/00 (2006.01), A61L 24/04 (2006.01)
(86) PCT EP2011/000195 de 19/01/2011
(87) WO 2011/088988 de 28/07/2011

(21) **BR 11 2012 017883-0 1.1**
(30) 22/01/2010 US 61/297434
(51) C08G 18/66 (2006.01), C08G 18/67 (2006.01), C08G 18/68 (2006.01)
(86) PCT US2011/021960 de 21/01/2011
(87) WO 2011/091196 de 28/07/2011

(21) **BR 11 2012 017884-9 1.1**
(30) 19/01/2010 US 61/296196
(51) C07D 401/12 (2006.01), A61K 31/397 (2006.01), A61P 25/00 (2006.01), A61P 3/10 (2006.01)
(86) PCT GB2011/050065 de 18/01/2011
(87) WO 2011/089416 de 28/07/2011

(21) **BR 11 2012 017885-7 1.1**
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(51) H04L 9/32 (2006.01), G06Q 20/00 (2006.01)
(86) PCT US2011/021693 de 19/01/2011
(87) WO 2011/091021 de 28/07/2011

(21) **BR 11 2012 017939-0 1.1**
(30) 22/01/2010 US 61,297/536; 28/12/2010 US 61/427,45; 12/01/2011 US 61/432,075
(51) C22B 11/00 (2006.01), C22B 15/00 (2006.01)
(86) PCT US2011/022018 de 21/01/2011
(87) WO 2011/091231 de 28/07/2011

(21) **BR 11 2012 017964-0 1.1**
(30) 22/01/2010 US 61/297,597
(51) G02C 7/02 (2006.01)
(86) PCT US2011/022142 de 22/01/2011
(87) WO 2011/091314 de 28/07/2011

(21) **BR 11 2012 017992-6 1.1**
(30) 22/01/2010 NO NO20100113
(51) F24J 2/20 (2006.01), F24J 2/24 (2006.01)
(86) PCT IB2011/000276 de 18/01/2011
(87) WO 2011/089530 de 28/07/2011

(21) **BR 11 2012 017997-7 1.1**
(30) 20/01/2010 US 12/690,257
(51) B32B 1/08 (2006.01)
(86) PCT US2011/020775 de 11/01/2011
(87) WO 2011/090846 de 28/07/2011

(21) **BR 11 2012 018000-2 1.1**
(30) 22/01/2010 IT CR2010 A 000001
(51) C02F 9/14 (2006.01), C02F 3/12 (2006.01), C02F 3/26 (2006.01), C02F 1/44 (2006.01), C02F 1/52 (2006.01), C02F 1/72 (2006.01)
(86) PCT IB2011/000065 de 14/01/2011
(87) WO 2011/089501 de 28/07/2011

(21) **BR 11 2012 018002-9 1.1**
(30) 20/01/2010 FR 10 50350
(51) F16L 19/028 (2006.01), F16L 19/10 (2006.01), F16L 13/14 (2006.01)
(86) PCT FR2011/050090 de 19/01/2011
(87) WO 2011/089353 de 28/07/2011

(21) **BR 11 2012 018006-1 1.1**
(30) 20/01/2010 DE 10 2010 001 051.0
(51) C01G 23/053 (2006.01), C09C 1/36 (2006.01)
(86) PCT EP2011/050281 de 11/01/2011
(87) WO 2011/089043 de 28/07/2011

(21) **BR 11 2012 018010-0 1.1**
(30) 27/01/2010 US 61/298,746
(51) A61B 17/86 (2006.01), A61B 17/68 (2006.01)
(86) PCT CH2011/000005 de 19/01/2011
(87) WO 2011/091545 de 04/08/2011

(21) **BR 11 2012 018012-6 1.1**
(30) 20/01/2010 JP 2010-010262
(51) B01J 29/80 (2006.01), C01B 39/24 (2006.01), C01B 39/26 (2006.01), C01B 39/40 (2006.01), C01B 39/48 (2006.01), C07C 5/11 (2006.01), C07C 6/12 (2006.01), C07C 15/02 (2006.01), C10G 47/16 (2006.01), C07B 61/00 (2006.01)
(86) PCT JP2011/050995 de 20/01/2011
(87) WO 2011/090121 de 28/07/2011

(21) **BR 11 2012 018021-5 1.1**
(30) 20/01/2010 EP 10 151239.0; 17/09/2010 US 61/383,914
(51) A61K 39/00 (2006.01), C07K 16/44 (2006.01)
(86) PCT EP2011/050749 de 20/01/2011
(87) WO 2011/089183 de 28/07/2011

(21) **BR 11 2012 018022-3 1.1**
(30) 22/01/2010 US 61/336,478
(51) C07K 14/00 (2006.01)
(86) PCT US2011/022125 de 21/01/2011
(87) WO 2011/091305 de 28/07/2011

(21) **BR 11 2012 018023-1 1.1**
(30) 20/01/2010 JP 2010010060
(51) A61K 39/00 (2006.01), A61K 9/08 (2006.01), A61K 9/19 (2006.01), A61K 47/18 (2006.01), A61K 47/26 (2006.01)
(86) PCT JP2011/050911 de 20/01/2011
(87) WO 2011/090088 de 28/07/2011

(21) **BR 11 2012 018049-5 1.1**
(51) B65B 31/08 (2006.01), B65B 35/12 (2006.01), B65B 9/06 (2006.01)
(86) PCT IT10/000013 de 20/01/2010
(87) WO 2011/089628 de 28/07/2011

(21) **BR 11 2012 018051-7 1.1**
(30) 20/01/2010 FR 1000217
(51) A47C 31/02 (2006.01), B60N 2/58 (2006.01)
(86) PCT FR2011/000015 de 12/01/2011
(87) WO 2011/089333 de 28/07/2011

(21) **BR 11 2012 018053-3 1.1**
(30) 20/01/2010 FR 1050355; 10/02/2010 US US61/303,094
(51) A61K 31/715 (2006.01), A61K 31/717 (2006.01), A61K 31/728 (2006.01), A61L 27/48 (2006.01), A61L 27/52 (2006.01), A61L 27/58 (2006.01), A61K 8/73 (2006.01), A61Q 19/08 (2006.01), A61P 17/00 (2006.01), A61P 13/10 (2006.01)
(86) PCT EP2011/050727 de 20/01/2011
(87) WO 2011/089173 de 28/07/2011

(21) **BR 11 2012 018099-1 1.1**
(30) 25/01/2010 EP 10151570.8
(51) B29C 45/14 (2006.01), H01H 13/70 (2006.01)
(86) PCT IB2011/050255 de 20/01/2011
(87) WO 2011/089560 de 28/07/2011

(21) **BR 11 2012 018110-6 1.1**
(30) 20/01/2010 US 12/690,890; 20/01/2010 US 12/690,872; 20/01/2010 US 12/690,898
(51) B41J 3/407 (2006.01)
(86) PCT US2011/021680 de 19/01/2011
(87) WO 2011/091011 de 28/07/2011

(21) **BR 11 2012 018112-2 1.1**
(30) 20/01/2010 AT A 72/2010
(51) B27N 3/04 (2006.01), B29C 47/10 (2006.01), C08J 3/20 (2006.01), C08J 5/04 (2006.01)
(86) PCT AT2011/000027 de 17/01/2011
(87) WO 2011/088487 de 28/07/2011

(21) **BR 11 2012 018114-9 1.1**
(30) 22/01/2010 US 61/297,545
(51) G06F 11/30 (2006.01)
(86) PCT US2011/022092 de 21/01/2011
(87) WO 2011/091278 de 28/07/2011

(21) **BR 11 2012 018119-0 1.1**
(30) 21/01/2010 DE 10 2010 005 231.0
(51) G01P 3/48 (2006.01), G01P 3/488 (2006.01), G01P 13/00 (2006.01), G01P 13/04 (2006.01), G01F 1/075 (2006.01), G01D 5/20 (2006.01)
(86) PCT EP2010/007838 de 21/12/2010
(87) WO 2011/088880 de 28/07/2011

(21) **BR 11 2012 018122-0 1.1**
(30) 21/01/2010 EP 10 305067.0
(51) C12Q 1/68 (2006.01)
(86) PCT EP2011/050771 de 20/01/2011
(87) WO 2012/052189 de 26/04/2012

(21) **BR 11 2012 018127-0 1.1**
(30) 22/01/2010 US 61/297,333
(51) A47H 1/00 (2006.01)
(86) PCT US2011/021639 de 19/01/2011
(87) WO 2011/090975 de 28/07/2011

(21) **BR 11 2012 018130-0 1.1**
(30) 22/01/2010 US 61/297,416
(51) G01T 1/24 (2006.01)
(86) PCT IB2011/000229 de 21/01/2011
(87) WO 2011/089528 de 28/07/2011

(21) **BR 11 2012 018132-7 1.1**
(30) 20/01/2010 EP 10 000527.1; 20/01/2010 US 61/296,738
(51) A61K 47/48 (2006.01), C07K 16/30 (2006.01), C07K 16/28 (2006.01), C07K 16/34 (2006.01), A61K 39/395 (2006.01), G01N 33/50 (2006.01)
(86) PCT EP2011/000217 de 20/01/2011
(87) WO 2011/089004 de 28/07/2011

(21) **BR 11 2012 018134-3 1.1**
(30) 22/01/2010 US 61/297,660
(51) A61K 9/00 (2006.01), A61K 31/5575 (2006.01), A61K 47/34 (2006.01)
(86) PCT US2011/021971 de 21/01/2011
(87) WO 2011/091205 de 28/07/2011

(21) **BR 11 2012 018173-4 1.1**
(30) 20/01/2010 US 12/690,889; 21/01/2010 US 12/691,680
(51) A01N 47/06 (2006.01), A61K 31/265 (2006.01)
(86) PCT US2011/021498 de 18/01/2011
(87) WO 2011/090923 de 28/07/2011

(21) **BR 11 2012 018195-5 1.1**
(30) 22/01/2010 US 12/692,329

(51) B05B 7/24 (2006.01)
(86) PCT US2011/020970 de 12/01/2011
(87) WO 2011/090857 de 28/07/2011

(21) **BR 11 2012 018202-1 1.1**
(30) 26/02/2010 US 61/308,514; 19/04/2010 US 61/325,542
(51) A23G 4/08 (2006.01), A23G 4/02 (2006.01)
(86) PCT US2011/026204 de 25/02/2011
(87) WO 2011/106619 de 01/09/2011

(21) **BR 11 2012 018203-0 1.1**
(30) 26/02/2010 US 61/308,544; 19/04/2010 US 61/325,529
(51) A23G 4/08 (2006.01), A23G 4/02 (2006.01)
(86) PCT US2011/026173 de 25/02/2011
(87) WO 2011/106598 de 01/09/2011

(21) **BR 11 2012 018216-1 1.1**
(30) 22/01/2010 US 61/297,391
(51) A23K 1/00 (2006.01), A23K 1/18 (2006.01)
(86) PCT US2011/021822 de 20/01/2011
(87) WO 2011/091111 de 28/07/2011

(21) **BR 11 2012 018221-8 1.1**
(30) 01/03/2010 IT MO2010A000047
(51) B65G 1/02 (2006.01), B65G 1/04 (2006.01)
(86) PCT IB2011/050845 de 28/02/2011
(87) WO 2011/107926 de 09/09/2011

(21) **BR 11 2012 018225-0 1.1**
(30) 29/01/2010 NO 20100142
(51) A01K 85/02 (2006.01)
(86) PCT NO2011/000031 de 27/01/2011
(87) WO 2011/093719 de 04/08/2011

(21) **BR 11 2012 018231-5 1.1**
(30) 21/01/2010 EP 10151296.0
(51) C08F 210/16 (2006.01)
(86) PCT EP2011/050604 de 18/01/2011
(87) WO 2011/089112 de 28/07/2011

(21) **BR 11 2012 018233-1 1.1**
(30) 21/01/2010 DE 10 2010 001 097.9
(51) C07C 69/15 (2006.01), C07C 67/055 (2006.01), C07C 67/54 (2006.01)
(86) PCT EP2011/050452 de 14/01/2011
(87) WO 2011/089070 de 28/07/2011

(21) **BR 11 2012 018234-0 1.1**
(51) B08B 1/04 (2006.01), B08B 1/00 (2006.01), B63B 59/06 (2006.01), B63B 59/08 (2006.01)
(86) PCT SG2010/000018 de 22/01/2010
(87) WO 2011/090435 de 28/07/2011

(21) **BR 11 2012 018236-6 1.1**
(30) 22/01/2010 US 61/297,593; 04/05/2010 US 61/331,204
(51) B32B 27/08 (2006.01), B29D 22/00 (2006.01), B29D 23/00 (2006.01)
(86) PCT US2011/021549 de 18/01/2011
(87) WO 2011/090942 de 28/07/2011

(21) **BR 11 2012 018252-8 1.1**
(30) 30/03/2010 IT RM2010A000145
(51) H01H 9/04 (2006.01), H01H 9/16 (2006.01), H02G 3/08 (2006.01)
(86) PCT IT2011/000052 de 24/02/2011
(87) WO 2011/121625 de 06/10/2011

(21) **BR 11 2012 018254-4 1.1**
(30) 22/01/2010 US 12/692.382
(51) A61B 18/14 (2006.01)
(86) PCT US2010/043769 de 29/07/2010
(87) WO 2011/090507 de 28/07/2011

(21) **BR 11 2012 018255-2 1.1**
(30) 29/01/2010 US 61/299,834; 29/01/2010 US 61/299,836
(51) C08F 16/06 (2006.01), C08F 116/06 (2006.01), C08F 216/06 (2006.01)
(86) PCT US2011/022825 de 28/01/2011
(87) WO 2011/094470 de 04/08/2011

(21) **BR 11 2012 018256-0 1.1**
(30) 04/03/2010 US 61/310.398; 12/11/2010 US 61/412,821; 01/02/2011 US 61/438,416
(51) A61K 9/00 (2006.01), A61K 9/28 (2006.01), A61K 9/20 (2006.01), A61K 31/198 (2006.01), A61K 31/275 (2006.01), A61K 45/06 (2006.01), A61P 25/16 (2006.01)
(86) PCT FI2011/000013 de 03/03/2011
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(21) **BR 11 2012 018257-9 1.1**
(30) 27/01/2010 US 12/694,705; 17/09/2010 US 12/884,440
(51) B61G 3/04 (2006.01), B61G 7/14 (2006.01)
(86) PCT US2011/021979 de 21/01/2011
(87) WO 2011/094119 de 04/08/2011

(21) **BR 11 2012 018262-5 1.1**
(30) 22/01/2010 FR 10 50430
(51) A61K 38/57 (2006.01), C12Q 1/56 (2006.01), A61P 33/02 (2006.01)
(86) PCT EP2011/050838 de 21/01/2011
(87) WO 2011/089225 de 28/07/2011

(21) **BR 11 2012 018263-3 1.1**
(30) 21/01/2010 PL P-390247
(51) A24C 5/356 (2006.01), A24C 5/358 (2006.01)
(86) PCT PL2011/000007 de 19/01/2011
(87) WO 2011/090395 de 28/07/2011

(21) **BR 11 2012 018264-1 1.1**
(30) 21/01/2010 DE 10 2010 005 301.5
(51) B65G 39/16 (2006.01)
(86) PCT EP2011/000166 de 17/01/2011
(87) WO 2011/088978 de 28/07/2011

(21) **BR 11 2012 018278-1 1.1**
(30) 22/01/2010 US 61/297,405; 29/12/2010 US 12/980,659
(51) A61N 1/18 (2006.01)
(86) PCT US2010/062464 de 30/12/2010
(87) WO 2011/090764 de 28/07/2011

(21) **BR 11 2012 018279-0 1.1**
(30) 20/01/2010 FR 10 50362; 28/01/2010 FR 10 50583
(51) C07D 417/12 (2006.01), C07D 417/14 (2006.01), A61K 31/4523 (2006.01), A61P 29/00 (2006.01)
(86) PCT IB2011/050229 de 19/01/2011
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(21) **BR 11 2012 018294-3 1.1**
(51) E21B 49/08 (2006.01)
(86) PCT US2010/035695 de 21/05/2010
(87) WO 2011/146068 de 24/11/2011

(21) **BR 11 2012 018321-4 1.1**
(30) 22/12/2009 US 61/288,928; 20/01/2010 US 61/296,688; 17/12/2010 US 61/424,070
(51) A61P 1/00 (2006.01), A61P 13/12 (2006.01), A61P 19/10 (2006.01), A23L 1/304 (2006.01), G06Q 10/00 (2006.01), A61K 33/00 (2006.01)
(86) PCT US10/061444 de 21/12/2010
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(21) **BR 11 2012 018322-2 1.1**
(30) 22/12/2009 FR 09 59379
(51) C07C 45/52 (2006.01), C07C 45/75 (2006.01), C07C 47/22 (2006.01)
(86) PCT FR10/052626 de 07/12/2010
(87) WO 2011/083225 de 14/07/2011

(21) **BR 11 2012 018324-9 1.1**
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(51) G06F 17/30 (2006.01), G06Q 10/00 (2006.01)
(86) PCT EP10/007873 de 22/12/2010
(87) WO 2011/076406 de 30/06/2011

(21) **BR 11 2012 018326-5 1.1**
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(51) G06F 1/04 (2006.01)
(86) PCT US10/056165 de 10/11/2010
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(21) **BR 11 2012 018327-3 1.1**
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(51) B60W 10/08 (2006.01), B60K 6/48 (2007.10), B60K 6/547 (2007.10), B60L 11/14 (2006.01), B60W 10/02 (2006.01), B60W 10/06 (2006.01), B60W 20/00 (2006.01), F16H 59/70 (2006.01), F16H 63/40 (2006.01)
(86) PCT JP10/067890 de 12/10/2010
(87) WO 2011/077813 de 30/06/2011

(21) **BR 11 2012 018329-0 1.1**
(30) 21/12/2009 US 61/288,668; 21/12/2009 US 61/288,676; 18/11/2010 US 61/415,251
(51) C09B 62/00 (2006.01), C09B 62/453 (2006.01)
(86) PCT US10/061578 de 21/12/2010
(87) WO 2011/084803 de 14/07/2011

(21) **BR 11 2012 018330-3 1.1**
(30) 23/12/2009 FR 09/06294
(51) G06K 9/62 (2006.01)
(86) PCT EP10/069116 de 08/12/2010
(87) WO 2011/076563 de 30/06/2011

(21) **BR 11 2012 018331-1 1.1**
(51) H04J 14/00 (2006.01)
(86) PCT CN09/075987 de 24/12/2009
(87) WO 2011/075901 de 30/06/2011

(21) **BR 11 2012 018332-0 1.1**
(30) 24/12/2009 EP 09306329.5
(51) B24B 9/14 (2006.01), B24B 13/06 (2006.01), G02C 7/02 (2006.01)
(86) PCT EP10/070670 de 23/12/2010
(87) WO 2011/076928 de 30/06/2011

(21) **BR 11 2012 018333-8 1.1**
(30) 23/12/2009 EP 09 252900.7
(51) A24F 47/00 (2006.01)
(86) PCT EP10/007874 de 22/12/2010
(87) WO 2011/076407 de 30/06/2011

(21) **BR 11 2012 018334-6 1.1**
(51) F23M 11/04 (2006.01), F23N 5/08 (2006.01), G01J 1/42 (2006.01)
(86) PCT CN09/001599 de 30/12/2009
(87) WO 2011/079422 de 07/07/2011

(21) **BR 11 2012 018335-4 1.1**
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(51) E04F 15/10 (2006.01)
(86) PCT IB10/055693 de 09/12/2010
(87) WO 2011/077311 de 30/06/2011

(21) **BR 11 2012 018337-0 1.1**
(30) 22/12/2009 US 12/645,273
(51) E21B 21/08 (2006.01), E21B 21/10 (2006.01), E21B 34/14 (2006.01), E21B 43/12 (2006.01)
(86) PCT US10/060391 de 15/12/2010
(87) WO 2011/087673 de 21/07/2011

(21) **BR 11 2012 018338-9 1.1**
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(51) A61B 17/122 (2006.01), A61B 17/128 (2006.01)
(86) PCT US10/061077 de 17/12/2010
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(21) **BR 11 2012 018339-7 1.1**
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(51) B60W 10/06 (2006.01), B60K 6/46 (2007.10), B60L 11/14 (2006.01), B60W 10/02 (2006.01), B60W 10/08 (2006.01), B60W 20/00 (2006.01), F02D 29/02 (2006.01), F02D 29/06 (2006.01)
(86) PCT JP10/073048 de 21/12/2010
(87) WO 2011/078189 de 30/06/2011

(21) **BR 11 2012 018340-0 1.1**
(30) 22/12/2009 US 12/645,187
(51) E21B 33/138 (2006.01), E21B 43/27 (2006.01)
(86) PCT US10/060954 de 17/12/2010
(87) WO 2011/087715 de 21/07/2011

(21) **BR 11 2012 018341-9 1.1**
(30) 30/12/2009 US 12/650,350
(51) E21B 43/116 (2006.01), E21B 43/114 (2006.01)
(86) PCT US10/061049 de 17/12/2010
(87) WO 2011/090636 de 28/07/2011

(21) **BR 11 2012 018342-7 1.1**
(30) 22/12/2009 EP 09 180387.4; 03/09/2010 EP 10 175297.0
(51) C12Q 1/68 (2006.01), C12Q 1/70 (2006.01)
(86) PCT EP2010/070429 de 21/12/2010
(87) WO 2011/076814 de 30/06/2011

(21) **BR 11 2012 018343-5 1.1**
(30) 22/12/2009 US 61/289,236; 19/04/2010 US 61/325,660
(51) A61K 39/09 (2006.01), A61P 31/04 (2006.01), A61P 37/04 (2006.01)
(86) PCT CA2010/001977 de 20/12/2010
(87) WO 2011/075823 de 30/06/2011

(21) **BR 11 2012 018344-3 1.1**
(30) 22/12/2009 DK PA 2009 70297
(51) C12N 1/20 (2006.01), C12N 1/21 (2006.01), C12P 7/06 (2006.01), C12P 7/10 (2006.01), C12R 1/01 (2006.01), C12N 9/10 (2006.01), C12N 9/12 (2006.01), C12N 9/04 (2006.01)
(86) PCT EP2010/070390 de 21/12/2010
(87) WO 2011/076797 de 30/06/2011

(21) **BR 11 2012 018345-1 1.1**
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(51) A61K 31/33 (2006.01)
(86) PCT US2010/062432 de 29/12/2010

(87) WO 2011/090760 de 28/07/2011

(21) **BR 11 2012 018380-0 1.1**
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(51) H04L 29/08 (2006.01), H04W 8/00 (2009.01)
(86) PCT US2010/059589 de 08/12/2010
(87) WO 2011/087638 de 21/07/2011

(21) **BR 11 2012 018382-6 1.1**
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(51) H04N 7/015 (2006.01), H04H 60/06 (2008.01)
(86) PCT KR2010/009153 de 21/12/2010
(87) WO 2011/078550 de 30/06/2011

(21) **BR 11 2012 018387-7 1.1**
(30) 24/01/2010 US 61/297,800
(51) F28D 15/00 (2006.01)
(86) PCT US2011/022287 de 24/01/2011
(87) WO 2011/091380 de 28/07/2011

(21) **BR 11 2012 018389-3 1.1**
(30) 22/12/2009 US 12/655,037
(51) B65B 3/12 (2006.01), B05C 17/005 (2006.01), B65D 81/32 (2006.01)
(86) PCT EP2010/069922 de 16/12/2010
(87) WO 2011/076663 de 30/06/2011

(21) **BR 11 2012 018394-0 1.1**
(30) 21/12/2009 KR 10-2009-0127880
(51) C12Q 1/68 (2006.01), C12N 15/11 (2006.01), C07H 21/00 (2006.01)
(86) PCT KR2010/001873 de 26/03/2010
(87) WO 2011/078441 de 30/06/2011

(21) **BR 11 2012 018396-6 1.1**
(30) 17/12/2009 US 61/287,567
(51) C03C 25/10 (2006.01), C03C 25/32 (2006.01), C03C 25/62 (2006.01)
(86) PCT US2010/060652 de 16/12/2010
(87) WO 2011/075549 de 23/06/2011

(21) **BR 11 2012 018398-2 1.1**
(30) 22/12/2009 US 61/289083
(51) A61K 39/00 (2006.01), C07K 19/00 (2006.01), C07K 14/705 (2006.01)
(86) PCT IB2010/055674 de 08/12/2010
(87) WO 2011/077309 de 30/06/2011

(21) **BR 11 2012 018400-8 1.1**
(30) 30/12/2009 US 61/291,336; 04/06/2010 US 12/794,162
(51) E21B 47/12 (2006.01), H01R 13/648 (2006.01)
(86) PCT US2010/055360 de 04/11/2010
(87) WO 2011/090531 de 28/07/2011

(21) **BR 11 2012 018402-4 1.1**
(30) 28/01/2010 FR 1050601
(51) C04B 35/109 (2006.01), C04B 35/48 (2006.01), C04B 35/484 (2006.01), C04B 35/486 (2006.01), C04B 35/653 (2006.01)
(86) PCT IB2011/050387 de 28/01/2011
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(21) **BR 11 2012 018404-0 1.1**
(30) 28/01/2011 FR 1050601
(51) C04B 35/109 (2006.01), C04B 35/48 (2006.01), C04B 35/484 (2006.01), C04B 35/486 (2006.01), C04B 35/653 (2006.01)
(86) PCT IB2011/050388 de 28/01/2011
(87) WO 2011/092657 de 04/08/2011

(21) **BR 11 2012 018405-9 1.1**
(30) 28/01/2010 FR 1050600
(51) C03B 5/43 (2006.01), C04B 35/109 (2006.01), C04B 35/48 (2006.01), C04B 35/484 (2006.01), C04B 35/653 (2006.01), C04B 35/657 (2006.01)
(86) PCT IB2011/050389 de 28/01/2011
(87) WO 2011/092658 de 04/08/2011

(21) **BR 11 2012 018407-5 1.1**
(30) 23/12/2009 US 61/289,917
(51) C12P 7/10 (2006.01), C12P 19/44 (2006.01), C12N 1/22 (2006.01), C12N 9/42 (2006.01), C12N 9/24 (2006.01), C12P 7/04 (2006.01), C12P 7/16 (2006.01)
(86) PCT US2010/061082 de 17/12/2010
(87) WO 2011/079048 de 30/06/2011

(21) **BR 11 2012 018443-1 1.1**
(30) 25/01/2010 EP 10 000712.9; 25/01/2010 US 61/297,973
(51) C12N 15/82 (2006.01), C12N 9/10 (2006.01), A01H 5/00 (2006.01), A01H 5/10 (2006.01)
(86) PCT EP2011/000365 de 24/01/2011
(87) WO 2011/089021 de 28/07/2011

(21) **BR 11 2012 018444-0 1.1**
(30) 28/01/2010 EP 10 151952.8
(51) A01N 43/76 (2006.01), A01N 43/90 (2006.01), A01P 7/02 (2006.01), A01P 7/04 (2006.01), A01P 5/00 (2006.01)
(86) PCT EP2011/050911 de 24/01/2011
(87) WO 2011/092141 de 04/08/2011

(21) **BR 11 2012 018445-8 1.1**
(30) 25/01/2010 IT BS2010 A 000008
(51) A61M 35/00 (2006.01), B65D 83/16 (2006.01)
(86) PCT IB2010/054537 de 07/10/2010
(87) WO 2011/089484 de 28/07/2011

(21) **BR 11 2012 018446-6 1.1**
(51) E01H 12/00 (2006.01)
(86) PCT JP2010/000433 de 26/01/2010
(87) WO 2011/092731 de 04/08/2011

(21) **BR 11 2012 018447-4 1.1**
(30) 25/01/2010 US 61/298,018; 25/01/2010 US 61/298,104
(51) H02H 3/02 (2006.01), H01H 33/59 (2006.01), G01R 31/327 (2006.01)
(86) PCT US2011/022438 de 25/01/2011
(87) WO 2011/091429 de 28/07/2011

(21) **BR 11 2012 018448-2 1.1**
(51) B05B 1/12 (2006.01), A47K 7/00 (2006.01), A61H 35/00 (2006.01), B05B 1/18 (2006.01)
(86) PCT CA2010/000119 de 25/01/2010
(87) WO 2011/088544 de 28/07/2011

(21) **BR 11 2012 018449-0 1.1**
(30) 29/01/2010 US 61/299,719
(51) A61C 19/06 (2006.01), A61K 9/00 (2006.01), A61K 9/70 (2006.01)
(86) PCT US2011/023023 de 28/01/2011
(87) WO 2011/094613 de 04/08/2011

(21) **BR 11 2012 018450-4 1.1**
(51) B23K 35/36 (2006.01), B23K 35/362 (2006.01)
(86) PCT EP2010/051626 de 10/02/2010
(87) WO 2011/098120 de 18/08/2011

(21) **BR 11 2012 018452-0 1.1**
(30) 29/01/2010 US 12/657,961
(51) F02M 27/06 (2006.01), F02B 51/06 (2006.01), F02M 37/00 (2006.01)
(86) PCT US2011/021998 de 21/01/2011
(87) WO 2011/094123 de 04/08/2011

(21) **BR 11 2012 018453-9 1.1**
(30) 29/01/2010 US 12/696,830
(51) H04L 29/08 (2006.01), H04L 29/06 (2006.01)
(86) PCT IB2011/050394 de 28/01/2011
(87) WO 2011/092661 de 04/08/2011

(21) **BR 11 2012 018454-7 1.1**
(30) 26/01/2011 EP 10 151722.5
(51) C07D 401/06 (2006.01), C07D 401/14 (2006.01), C07D 405/14 (2006.01), C07D 413/14 (2006.01), C07D 471/10 (2006.01), C07D 487/04 (2006.01), C07D 498/04 (2006.01), C07D 491/113 (2006.01), A61K 31/506 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/051060 de 26/01/2011
(87) WO 2011/092197 de 04/08/2011

(21) **BR 11 2012 018457-1 1.1**
(30) 25/01/2010 US 61/297,996
(51) C07K 7/06 (2006.01), A61K 38/00 (2006.01), A61P 35/00 (2006.01)
(86) PCT JP2011/000352 de 24/01/2011
(87) WO 2011/089921 de 28/07/2011

(21) **BR 11 2012 018459-8 1.1**
(30) 26/01/2010 US 12/693,525
(51) E21B 33/12 (2006.01), E21B 29/00 (2006.01)
(86) PCT US2011/021863 de 20/01/2011
(87) WO 2011/094115 de 04/08/2011

(21) **BR 11 2012 018460-1 1.1**
(30) 25/01/2010 EP 10 151549.2
(51) H02M 7/487 (2007.01), H02M 1/14 (2006.01), G05B 13/04 (2006.01)
(86) PCT EP2010/070518 de 22/12/2010
(87) WO 2011/088949 de 28/07/2011

(21) **BR 11 2012 018468-7 1.1**
(30) 28/01/2010 CN 201010104692.6; 22/03/2010 CN 201010131386.1
(51) G03G 21/18 (2006.01)
(86) PCT CN2010/079377 de 02/02/2010
(87) WO 2011/091686 de 04/08/2011

(21) **BR 11 2012 018469-5 1.1**
(51) H01R 13/646 (2011.01)
(86) PCT EP10/050809 de 25/01/2010
(87) WO 2011/088902 de 28/07/2011

(21) **BR 11 2012 018493-8 1.1**
(30) 25/01/2010 JP 2010-013420
(51) H02J 3/12 (2006.01), G05F 1/14 (2006.01)
(86) PCT JP11/051282 de 25/01/2011
(87) WO 2011/090202 de 28/07/2011

(21) **BR 11 2012 018495-4 1.1**
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(51) E01B 7/14 (2006.01)
(86) PCT ES2010/070349 de 25/05/2010
(87) WO 2011/089285 de 28/07/2011

(21) **BR 11 2012 018496-2 1.1**
(30) 25/01/2010 GB 1001110.4
(51) B41J 2/45 (2006.01), B41J 2/47 (2006.01), B41J 2/475 (2006.01)
(86) PCT GB2011/050116 de 25/01/2011
(87) WO 2011/089447 de 28/07/2011

(21) **BR 11 2012 018498-9 1.1**
(30) 25/01/2010 US 61/297,882
(51) F25B 15/00 (2006.01)
(86) PCT US2011/022364 de 25/01/2011
(87) WO 2011/091404 de 28/07/2011

(21) **BR 11 2012 018500-4 1.1**
(30) 25/01/2010 US 61/298,095
(51) A01N 43/54 (2006.01), A61K 31/505 (2006.01)
(86) PCT US2011/021890 de 20/01/2011
(87) WO 2011/091153 de 28/07/2011

(21) **BR 11 2012 018508-0 1.1**
(30) 25/01/2010 US 61/297,941
(51) E05B 47/06 (2006.01), E05B 5/00 (2006.01)
(86) PCT IL2011/000085 de 25/01/2011
(87) WO 2011/089612 de 28/07/2011

(21) **BR 11 2012 018510-1 1.1**
(51) H02G 1/10 (2006.01), B63B 35/04 (2006.01), B66D 1/74 (2006.01), F16L 1/12 (2006.01), F16L 1/20 (2006.01), F16L 1/235 (2006.01)
(86) PCT IB2010/050315 de 25/01/2010
(87) WO 2011/089479 de 28/07/2011

(21) **BR 11 2012 018519-5 1.1**
(30) 25/01/2010 US 61/298,057
(51) A47J 17/00 (2006.01)
(86) PCT US2011/022361 de 25/01/2011
(87) WO 2011/091403 de 28/07/2011

(21) **BR 11 2012 018520-9 1.1**
(30) 25/01/2010 US 61/298,109
(51) B01D 46/52 (2006.01), B01D 25/26 (2006.01), B01D 46/00 (2006.01)
(86) PCT US2011/022446 de 25/01/2011
(87) WO 2011/091432 de 28/07/2011

(21) **BR 11 2012 018521-7 1.1**
(30) 25/01/2010 US 61/298,175; 14/06/2010 US 61/354,615
(51) A61F 7/00 (2006.01)
(86) PCT US11/022444 de 25/01/2011
(87) WO 2011/091431 de 28/07/2011

(21) **BR 11 2012 018524-1 1.1**
(30) 25/01/2010 DE 10 2010 005 762.2
(51) C23C 14/56 (2006.01), C23C 16/44 (2006.01), B24C 1/00 (2006.01)
(86) PCT EP10/007971 de 22/12/2010
(87) WO 2011/088884 de 28/07/2011

(21) **BR 11 2012 018526-8 1.1**
(30) 25/01/2010 US 61/286,963
(51) C07K 14/33 (2006.01), C12P 21/02 (2006.01), C12N 15/62 (2006.01), C12N 9/50 (2006.01), C12N 15/70 (2006.01), C12N 15/866 (2006.01), C12P 21/06 (2006.01)
(86) PCT US11/022272 de 24/02/2011

(87) WO 2011/091370 de 28/07/2011

(21) **BR 11 2012 018527-6 1.1**
(30) 25/01/2010 CN 20101010009888.0
(51) G06F 9/54 (2006.01), H04L 29/06 (2006.01), H04M 1/725 (2006.01)
(86) PCT CN2011/070358 de 18/01/2011
(87) WO 2011/088779 de 28/07/2011

(21) **BR 11 2012 018528-4 1.1**
(30) 25/01/2010 US 61/298,020
(51) C12N 9/24 (2006.01), C12P 1/00 (2006.01), C12P 7/10 (2006.01)
(86) PCT US2011/022068 de 21/01/2011
(87) WO 2011/091260 de 28/07/2011

(21) **BR 11 2012 018529-2 1.1**
(30) 25/01/2010 US 61/297,918; 16/03/2010 US 61/314,304
(51) A01N 43/00 (2006.01)
(86) PCT US2011/022401 de 25/01/2011
(87) WO 2011/091417 de 28/07/2011

(21) **BR 11 2012 018539-0 1.1**
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(51) B65D 41/26 (2006.01), B65D 47/12 (2006.01), A47B 11/00 (2006.01), B65D 51/32 (2006.01)
(86) PCT US11/022351 de 25/01/2011
(87) WO 2011/094187 de 04/08/2011

(21) **BR 11 2012 018541-1 1.1**
(30) 26/01/2010 JP 2010-014629
(51) F24F 11/02 (2006.01), F24F 13/20 (2006.01)
(86) PCT JP11/051505 de 26/01/2011
(87) WO 2011/093343 de 04/08/2011

(21) **BR 11 2012 018542-0 1.1**
(30) 26/01/2010 JP 2010-013868
(51) C21B 7/00 (2006.01), F27D 1/16 (2006.01)
(86) PCT JP11/050929 de 20/01/2011
(87) WO 2011/093196 de 04/08/2011

(21) **BR 11 2012 018543-8 1.1**
(30) 26/01/2010 JP 2010-014254
(51) C03C 4/02 (2006.01), C03C 3/076 (2006.01), C03C 3/078 (2006.01), C03C 3/083 (2006.01), C03C 3/085 (2006.01), C03C 3/087 (2006.01), C03C 3/089 (2006.01), C03C 3/091 (2006.01)
(86) PCT JP11/051343 de 25/01/2011
(87) WO 2011/093284 de 04/08/2011

(21) **BR 11 2012 018544-6 1.1**
(30) 28/01/2010 DE 10 2010 006228.6; 28/01/2010 US 12/657,982
(51) A61F 13/15 (2006.01)
(86) PCT EP11/000391 de 28/01/2011
(87) WO 2011/092025 de 04/08/2011

(21) **BR 11 2012 018545-4 1.1**
(30) 29/01/2010 US 61/299,729
(51) C12Q 1/68 (2006.01)
(86) PCT US11/022904 de 28/01/2011
(87) WO 2011/094528 de 04/08/2011

(21) **BR 11 2012 018546-2 1.1**
(30) 29/01/2010 US 61/299,712
(51) G01V 8/16 (2006.01), G01V 8/24 (2006.01), E21B 47/00 (2006.01)
(86) PCT US2011/022599 de 26/01/2011
(87) WO 2011/094331 de 04/08/2011

(21) **BR 11 2012 018547-0 1.1**
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(51) A61F 2/16 (2006.01)
(86) PCT EP2011/051003 de 25/01/2011
(87) WO 2011/092169 de 04/08/2011

(21) **BR 11 2012 018548-9 1.1**
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(51) G01R 31/36 (2006.01)
(86) PCT FR2011/000051 de 26/01/2011
(87) WO 2011/092403 de 04/08/2011

(21) **BR 11 2012 018549-7 1.1**
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(51) C21B 7/00 (2006.01)
(86) PCT JP2011/050932 de 20/01/2011
(87) WO 2011/093199 de 04/08/2011

(21) **BR 11 2012 018570-5 1.1**
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(51) A61F 2/00 (2006.01)
(86) PCT IL2011/000170 de 20/05/2011
(87) WO 2011/104702 de 01/09/2011

(21) **BR 11 2012 018596-9 1.1**
(30) 26/01/2010 NO 20100127
(51) E21B 33/068 (2006.01), E21B 34/02 (2006.01)
(86) PCT NO2011/000029 de 26/11/2011
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(21) **BR 11 2012 018612-4 1.1**
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(51) F16K 31/06 (2006.01), H01F 7/16 (2006.01), F16K 27/00 (2006.01)
(86) PCT US11/023621 de 03/02/2011
(87) WO 2011/097392 de 11/08/2011

(21) **BR 11 2012 018613-2 1.1**
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(51) F16K 31/06 (2006.01), F16K 27/00 (2006.01), H01F 7/16 (2006.01)
(86) PCT US11/023625 de 03/02/2011
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(21) **BR 11 2012 018614-0 1.1**
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(51) F02C 7/12 (2006.01), B64D 29/00 (2006.01)
(86) PCT FR11/050214 de 03/02/2011
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(51) B66C 23/76 (2006.01)
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(87) WO 2011/091559 de 04/08/2011

(21) **BR 11 2012 018616-7 1.1**
(30) 26/01/2010 US 61/298,528; 26/01/2010 US 61/298,523; 06/08/2010 US 61/371,454; 06/08/2010 US 61/371,392
(51) C12Q 1/68 (2006.01), A01H 5/00 (2006.01), C12N 15/11 (2006.01)
(86) PCT US11/022378 de 25/01/2011
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(51) C12Q 1/68 (2006.01), A01H 5/00 (2006.01), C12N 15/11 (2006.01)
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(21) **BR 11 2012 018619-1 1.1**
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(51) B60C 11/04 (2006.01)
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(21) **BR 11 2012 018620-5 1.1**
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(51) C12N 9/00 (2006.01)
(86) PCT US11/022046 de 21/01/2011
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(21) **BR 11 2012 018621-3 1.1**
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(51) B31B 1/25 (2006.01), B31B 7/00 (2006.01), B31F 1/08 (2006.01)
(86) PCT EP11/000314 de 26/01/2011
(87) WO 2011/091987 de 04/08/2011

(21) **BR 11 2012 018622-1 1.1**
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(51) H02J 3/06 (2006.01)
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(21) **BR 11 2012 018623-0 1.1**
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(51) B31B 1/25 (2006.01), B31B 7/00 (2006.01), B31F 1/08 (2006.01)
(86) PCT EP2011/000345 de 26/01/2011
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(21) **BR 11 2012 018624-8 1.1**
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(51) B31B 1/25 (2006.01), B31B 7/00 (2006.01), B31F 1/08 (2006.01), B29C 53/06 (2006.01), B31B 1/26 (2006.01), B32B 27/06 (2006.01)
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(21) **BR 11 2012 018625-6 1.1**
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(51) C07C 231/12 (2006.01), C07C 231/20 (2006.01), C07C 237/06 (2006.01), C07C 237/22 (2006.01)
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(21) **BR 11 2012 018626-4 1.1**
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(51) A61K 31/27 (2006.01), C07C 269/08 (2006.01), C07C 271/28 (2006.01)
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(21) **BR 11 2012 018627-2 1.1**
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(51) B31B 1/25 (2006.01), B31B 7/00 (2006.01), B31F 1/08 (2006.01), B29C 53/06 (2006.01)
(86) PCT EP11/000315 de 26/01/2011
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(51) B31B 1/25 (2006.01), B31B 7/00 (2006.01), B31F 1/08 (2006.01), B31F 1/00 (2006.01)
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(51) C12Q 1/68 (2006.01)
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(21) **BR 11 2012 018879-8 1.1**
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(51) F17C 11/00 (2006.01)
(86) PCT GB2010/002315 de 22/12/2010
(87) WO 2011/092450 de 04/08/2011

(21) **BR 11 2012 018881-0 1.1**
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(51) G01V 5/14 (2006.01), E21B 47/00 (2006.01), G06F 19/00 (2011.01)
(86) PCT US11/022717 de 27/01/2011
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(21) **BR 11 2012 018882-8 1.1**
(30) 28/01/2010 DK PA 2010 00070; 29/01/2010 DK PA 2010 00081; 11/06/2010 DK PA 2010 00519
(51) C12R 1/46 (2006.01), A23C 9/12 (2006.01), A23L 1/054 (2006.01)
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(51) B05C 5/02 (2006.01)
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(21) **BR 11 2012 018891-7 1.1**
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(51) F16B 19/06 (2006.01)
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(21) **BR 11 2012 018892-5 1.1**
(30) 29/01/2010 US 61/299450; 29/01/2010 US 61/299455; 29/01/2010 US 61/299453; 01/12/2010 US 12/957739
(51) C07C 51/265 (2006.01), C07C 63/26 (2006.01)
(86) PCT US2010/059638 de 09/12/2010
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(21) **BR 11 2012 018893-3 1.1**
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(51) C07C 51/265 (2006.01), C07C 63/26 (2006.01), B01J 8/22 (2006.01), B01J 10/00 (2006.01)
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(51) C11D 3/37 (2006.01), C08G 77/388 (2006.01), C08G 77/46 (2006.01), C08L 83/08 (2006.01), C08L 83/12 (2006.01)
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(51) C07D 491/056 (2006.01), A61K 31/403 (2006.01), A61P 1/16 (2006.01)
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(51) G01V 8/10 (2006.01), E21B 47/01 (2006.01), G01V 13/00 (2006.01)
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(51) A01N 33/22 (2006.01), A01N 43/90 (2006.01), A01P 13/00 (2006.01)
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(51) C07K 16/28 (2006.01)
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(21) **BR 11 2012 018915-8 1.1**
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(51) C09K 19/36 (2006.01), C09K 19/26 (2006.01), G01K 11/16 (2006.01)
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(21) **BR 11 2012 018931-0 1.1**
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(51) C09K 19/52 (2006.01), C09K 19/54 (2006.01), C09K 19/36 (2006.01), C09K 19/26 (2006.01)
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(51) B29C 45/14 (2006.01), B29C 45/37 (2006.01), B29C 43/18 (2006.01), B65D 25/36 (2006.01), G09F 19/14 (2006.01)
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(51) H02K 49/10 (2006.01)
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(51) H02J 7/00 (2006.01), H05B 37/00 (2006.01)
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(51) A61B 17/068 (2006.01), A61B 17/072 (2006.01), A61B 17/00 (2006.01)
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(51) C12N 15/62 (2006.01), G01N 33/574 (2006.01), G01N 33/68 (2006.01)
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(51) C08L 67/04 (2006.01), C08J 3/20 (2006.01), C08K 5/11 (2006.01), C08K 5/42 (2006.01), C08L 101/16 (2006.01)
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(51) H04W 72/08 (2009.01), H04B 7/04 (2006.01), H04W 16/30 (2009.01), H04W 72/04 (2009.01)
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(51) E21B 34/10 (2006.01)
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(51) B65D 85/72 (2006.01)
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(51) G06Q 20/00 (2006.01)
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(87) WO 2011/084832 de 14/07/2011

(21) **BR 11 2012 019059-8 1.1**
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(51) H04L 9/32 (2006.01), G06F 3/12 (2006.01), H04L 9/08 (2006.01), H04N 1/00 (2006.01)
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(21) **BR 11 2012 019060-1 1.1**
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(51) B63B 35/03 (2006.01)
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(21) **BR 11 2012 019061-0 1.1**
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(51) F02D 19/08 (2006.01), F02M 25/07 (2006.01), F02D 21/08 (2006.01), F02D 41/30 (2006.01)
(86) PCT US10/062628 de 31/12/2010
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(21) **BR 11 2012 019080-6 1.1**
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(21) **BR 11 2012 019081-4 1.1**
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(51) B01D 19/00 (2006.01), B04C 3/00 (2006.01)
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(21) **BR 11 2012 019085-7 1.1**
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(21) **BR 11 2012 019093-8 1.1**
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(51) D21C 9/18 (2006.01), D21F 5/18 (2006.01)
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(21) **BR 11 2012 019174-8 1.1**
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(51) A61B 3/12 (2006.01), A61B 3/10 (2006.01)
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(21) **BR 11 2012 019180-2 1.1**
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(51) C01B 33/033 (2006.01), H05H 1/30 (2006.01), C30B 35/00 (2006.01), C30B 29/06 (2006.01), B01J 19/08 (2006.01)
(86) PCT US2011/023109 de 31/01/2010
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(21) **BR 11 2012 019279-5 1.1**
(30) 01/02/2010 AU 2010900377; 01/10/2010 AU 2010904415
(51) C22C 37/06 (2006.01), C22C 37/10 (2006.01)
(86) PCT AU11/000091 de 01/02/2011
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(21) **BR 11 2012 019625-1 1.1**
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(51) A01G 9/02 (2006.01)
(86) PCT FR2011/051722 de 19/07/2011
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(51) A01G 7/00 (2006.01)
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(51) B01D 53/14 (2006.01), C01B 7/07 (2006.01), C12P 7/08 (2006.01), C12P 7/10 (2006.01), C13K 1/02 (2006.01)
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(21) **BR 11 2012 019630-8 1.1**
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(51) C08L 97/02 (2006.01), C08H 8/00 (2010.01), C08G 18/64 (2006.01)
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(21) **BR 11 2012 019631-6 1.1**
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(51) A61K 8/18 (2006.01), A61Q 17/04 (2006.01)
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(21) **BR 11 2012 019632-4 1.1**
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(51) F02C 7/05 (2006.01)
(86) PCT JP2011/051738 de 28/01/2011
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(21) **BR 11 2012 019633-2 1.1**
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(51) G01J 3/32 (2006.01), G01N 21/63 (2006.01), G01V 8/12 (2006.01)
(86) PCT AU2011/000117 de 04/02/2011
(87) WO 2011/094818 de 11/08/2011

(21) **BR 11 2012 019635-9 1.1**
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(51) C07D 471/04 (2006.01), A61K 31/519 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/052384 de 18/02/2011
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(21) **BR 11 2012 019637-5 1.1**
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(51) A61K 39/12 (2006.01), A61K 39/295 (2006.01)
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(21) **BR 11 2012 019638-3 1.1**
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(51) B44F 11/00 (2006.01), B23K 31/02 (2006.01), B41M 1/22 (2006.01), B44C 1/00 (2006.01)
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(51) G01N 33/574 (2006.01), G01N 33/533 (2006.01), G01N 33/535 (2006.01), C12Q 1/68 (2006.01)
(86) PCT US2011/023799 de 04/02/2011
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(51) C02F 11/14 (2006.01), C02F 3/12 (2006.01), C02F 1/52 (2006.01), C02F 101/20 (2006.01), C02F 11/04 (2006.01)
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(51) H01F 27/02 (2006.01), B65D 85/66 (2006.01), B65D 85/672 (2006.01), B65D 85/676 (2006.01)
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(21) **BR 11 2012 019643-0 1.1**
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(51) F04B 53/16 (2006.01), F15B 15/18 (2006.01), F15B 15/06 (2006.01)
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(51) B65D 90/12 (2006.01), B65D 81/02 (2006.01), B65D 88/12 (2006.01), B66B 5/28 (2006.01)
(86) PCT NO2011/000049 de 08/02/2011
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(21) **BR 11 2012 019646-4 1.1**
(51) H02P 23/14 (2006.01), G01R 21/06 (2006.01), G01R 21/07 (2006.01), G01R 21/133 (2006.01), G01R 31/08 (2006.01), H02H 7/26 (2006.01)
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(51) A01N 43/58 (2006.01)
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(21) **BR 11 2012 019649-9 1.1**
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(51) B32B 5/16 (2006.01), B32B 27/14 (2006.01), D04H 11/00 (2006.01)
(86) PCT US2010/056548 de 12/11/2010
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(21) **BR 11 2012 019651-0 1.1**
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(51) H04B 7/04 (2006.01), H04J 11/00 (2006.01)
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(51) B41J 2/02 (2006.01), B41J 2/175 (2006.01)
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(51) F15B 9/12 (2006.01)
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(51) A61M 5/28 (2006.01), A61M 5/32 (2006.01), A61M 5/24 (2006.01)
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(51) C07D 213/40 (2006.01), A23L 1/226 (2006.01)
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(51) B01J 35/04 (2006.01), B01J 37/02 (2006.01), B05D 7/22 (2006.01)
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(51) C12P 19/14 (2006.01), B08B 17/00 (2006.01), C08H 8/00 (2010.01), C12P 7/10 (2006.01), C13K 1/02 (2006.01), C23F 15/00 (2006.01)
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(51) B65D 5/42 (2006.01), B65D 5/44 (2006.01)
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(87) WO 2011/094835 de 11/08/2011

(21) **BR 11 2012 019670-7 1.1**
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(51) H04W 8/04 (2009.01), H04W 92/14 (2009.01)
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(87) WO 2011/096516 de 11/08/2011

(21) **BR 11 2012 019671-5 1.1**
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(51) H04N 7/32 (2006.01)
(86) PCT JP2011/052361 de 04/02/2011
(87) WO 2011/099428 de 18/08/2011

(21) **BR 11 2012 019672-3 1.1**
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(51) C07D 207/10 (2006.01), A61K 31/40 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/051619 de 04/02/2011
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(21) **BR 11 2012 019676-6 1.1**
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(51) H04N 7/32 (2006.01)
(86) PCT JP2011/052603 de 08/02/2011
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(51) H04N 13/04 (2006.01), G06T 19/00 (2011.01)
(86) PCT JP2011/050042 de 05/01/2011
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(21) **BR 11 2012 019678-2 1.1**
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(51) F04D 25/08 (2006.01), F04D 29/58 (2006.01)
(86) PCT US2011/023133 de 31/01/2011
(87) WO 2011/097157 de 11/08/2011

(21) **BR 11 2012 019679-0 1.1**
(51) H01H 47/04 (2006.01), H01H 47/00 (2006.01)
(86) PCT EP2010/051486 de 08/02/2010
(87) WO 2011/095224 de 11/08/2011

(21) **BR 11 2012 019680-4 1.1**
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(51) H04N 7/32 (2006.01)
(86) PCT JP2011/052501 de 07/02/2011
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(21) **BR 11 2012 019681-2 1.1**
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(51) B01F 17/00 (2006.01), C01F 7/06 (2006.01)
(86) PCT US2011/023866 de 07/02/2011
(87) WO 2011/100183 de 18/08/2011

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(51) G11B 7/007 (2006.01), G11B 7/004 (2006.01), G11B 7/24 (2013.01), G11B 20/10 (2006.01)
(86) PCT JP2010/070790 de 22/11/2010
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(21) **BR 11 2012 019684-7 1.1**
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(51) C12P 7/56 (2006.01), C07C 51/41 (2006.01), C07C 51/44 (2006.01), C07C 51/48 (2006.01), C07C 59/08 (2006.01)
(86) PCT EP2011/051791 de 08/02/2011
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(51) B03D 3/06 (2006.01), C01F 7/06 (2006.01), C08J 3/09 (2006.01)
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(51) G11B 7/007 (2006.01), G11B 7/004 (2006.01), G11B 7/24 (2013.01), G11B 20/10 (2006.01)
(86) PCT JP2010/070328 de 16/11/2010
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(51) E21B 34/06 (2006.01), E21B 21/10 (2006.01)
(86) PCT US2011/024053 de 08/02/2011
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(51) B41J 29/02 (2006.01)
(86) PCT US2011/024306 de 10/02/2011
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(21) **BR 11 2012 019689-8 1.1**
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(51) A01N 31/02 (2006.01), A01N 43/02 (2006.01), A01N 43/10 (2006.01), A01N 43/36 (2006.01), A01N 43/78 (2006.01), A01N 43/84 (2006.01), A01N 47/46 (2006.01), A01P 17/00 (2006.01)
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(51) A01N 43/56 (2006.01)
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(51) A23L 2/60 (2006.01), A23L 2/68 (2006.01), A23L 1/236 (2006.01)
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(51) A61K 39/395 (2006.01)
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(51) C08F 2/32 (2006.01)
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(87) WO 2011/094333 de 04/08/2011

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(51) B65D 19/00 (2006.01)
(86) PCT IB2011/050380 de 28/01/2011
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(21) **BR 11 2012 019717-7 1.1**
(30) 08/02/2010 JP 2010-025828; 08/02/2010 JP 2010-025805; 07/04/2010 JP 2010-088516
(51) C08G 18/80 (2006.01), C09D 175/04 (2006.01)
(86) PCT JP2011/052484 de 07/02/2011
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(21) **BR 11 2012 019720-7 1.1**
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(51) E21B 43/16 (2006.01), E21B 49/00 (2006.01), C09K 8/582 (2006.01)
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(51) A23L 1/20 (2006.01), A23L 1/211 (2006.01), A23L 1/29 (2006.01), A23L 1/305 (2006.01), A23C 11/10 (2006.01)
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(51) B32B 27/34 (2006.01), C08L 77/06 (2006.01)
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(51) C12M 1/00 (2006.01)
(86) PCT US2011/023940 de 07/02/2011
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(51) G06Q 50/00 (2006.01), G06Q 30/00 (2006.01)
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(21) **BR 11 2012 019742-8 1.1**
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(51) C08F 20/18 (2006.01), C08F 265/00 (2006.01), C08J 3/12 (2006.01)
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(21) **BR 11 2012 019743-6 1.1**
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(51) C22C 23/02 (2006.01), B21B 3/00 (2006.01), C22F 1/06 (2006.01), C22C 23/00 (2006.01), C22C 23/04 (2006.01), C22C 23/06 (2006.01), C22F 1/00 (2006.01)
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(51) B63B 25/08 (2006.01), B63B 9/06 (2006.01), B63B 25/16 (2006.01), F17C 13/12 (2006.01), F17C 13/00 (2006.01)
(86) PCT JP2010/062825 de 29/07/2010
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(51) G06T 1/00 (2006.01)
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(21) **BR 11 2012 019746-0 1.1**
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(51) B21D 39/02 (2006.01), B21D 37/04 (2006.01), B21D 37/14 (2006.01)
(86) PCT JP2011/070835 de 13/09/2011
(87) WO 2012/039320 de 29/03/2012

(21) **BR 11 2012 019747-9 1.1**
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(51) F04B 53/10 (2006.01), F04B 15/02 (2006.01), F04B 49/22 (2006.01)
(86) PCT CN2011/070782 de 28/01/2011
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(21) **BR 11 2012 019748-7 1.1**
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(51) E01C 23/00 (2006.01)
(86) PCT US2011/024042 de 08/02/2011
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(21) **BR 11 2012 019749-5 1.1**
(30) 19/02/2010 FR 1051216; 01/03/2010 FR 1051464
(51) H04L 9/32 (2006.01), H04W 12/06 (2009.01), H04L 29/06 (2006.01)
(86) PCT EP2011/052349 de 17/02/2011
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(21) **BR 11 2012 019750-9 1.1**
(30) 09/02/2010 NL 2004213; 09/08/2010 US 61/371,770
(51) B26D 1/00 (2006.01), B26D 5/00 (2006.01), B65H 35/00 (2006.01)
(86) PCT NL2011/050080 de 04/02/2011
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(21) **BR 11 2012 019754-1 1.1**
(30) 10/03/2010 EP 10156039.9
(51) C08F 8/18 (2006.01), A61L 24/00 (2006.01), C09D 129/04 (2006.01), A61K 49/04 (2006.01), A61L 31/10 (2006.01)
(86) PCT EP2011/053536 de 09/03/2011
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(21) **BR 11 2012 019755-0 1.1**
(30) 16/02/2010 FR 1051092
(51) C23C 2/00 (2006.01), C23C 2/38 (2006.01), C04B 41/45 (2006.01), C04B 41/51 (2006.01), C04B 41/88 (2006.01)
(86) PCT FR2011/050332 de 16/02/2011
(87) WO 2011/101596 de 25/08/2011

(21) **BR 11 2012 019756-8 1.1**
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(51) A22C 21/00 (2006.01), A22C 17/00 (2006.01), G01N 33/12 (2006.01)
(86) PCT JP2011/068482 de 12/08/2011
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(51) C12N 15/09 (2006.01), C12N 1/20 (2006.01), C12P 13/04 (2006.01), C12R 1/19 (2006.01)
(86) PCT JP2011/052469 de 07/02/2011
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(21) **BR 11 2012 019759-2 1.1**
(30) 08/02/2010 SE 1000115-4; 12/02/2010 US 61/304298
(51) H01J 33/04 (2006.01), G21K 5/04 (2006.01), H01J 5/18 (2006.01)
(86) PCT SE2011/050102 de 01/02/2011
(87) WO 2011/096874 de 11/08/2011

(21) **BR 11 2012 019760-6 1.1**
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(51) B22D 7/02 (2006.01), B22D 15/00 (2006.01)
(86) PCT CA2011/000145 de 09/02/2011
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(21) **BR 11 2012 019761-4 1.1**
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(86) PCT RU2010/000061 de 12/02/2010
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(21) **BR 11 2012 019762-2 1.1**
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(51) A01N 45/00 (2006.01), A61K 31/50 (2006.01), A61K 31/56 (2006.01)
(86) PCT US2011/024174 de 09/02/2011
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(21) **BR 11 2012 019764-9 1.1**
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(51) A61C 15/04 (2006.01), D06B 3/04 (2006.01)
(86) PCT US2011/024046 de 08/02/2011
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(21) **BR 11 2012 019765-7 1.1**
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(51) C07D 487/04 (2006.01), C07D 519/00 (2006.01), A61K 31/4985 (2006.01), A61P 29/00 (2006.01), A61P 37/00 (2006.01)
(86) PCT EP2011/051584 de 03/02/2011
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(21) **BR 11 2012 019766-5 1.1**
(51) C07C 273/04 (2006.01)
(86) PCT NL2010/050069 de 12/02/2010
(87) WO 2011/099844 de 18/08/2011

(21) **BR 11 2012 019767-3 1.1**
(30) 08/02/2010 SE 1000114-7; 12/02/2010 US 61/304307
(51) H01J 33/04 (2006.01), G21K 5/04 (2006.01), H01J 5/18 (2006.01)
(86) PCT SE2011/050103 de 01/02/2011
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(21) **BR 11 2012 019768-1 1.1**
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(51) B21D 26/043 (2011.01), B21D 26/045 (2011.01)
(86) PCT JP2011/052972 de 07/02/2011
(87) WO 2011/099592 de 18/08/2011

(21) **BR 11 2012 019769-0 1.1**
(30) 08/02/2010 JP 2010-025202
(51) C21D 8/02 (2006.01), B21B 1/38 (2006.01), B21B 3/00 (2006.01), C22C 38/00 (2006.01), C22C 38/58 (2006.01)
(86) PCT JP2011/052200 de 27/01/2011
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(21) **BR 11 2012 019770-3 1.1**
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(51) C08B 3/00 (2006.01), C08G 63/81 (2006.01), C08L 1/02 (2006.01), C08L 67/04 (2006.01)
(86) PCT CA2011/000096 de 26/01/2011
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(51) A61M 5/168 (2006.01), A61M 27/00 (2006.01), F15C 3/04 (2006.01), F15C 5/00 (2006.01), F16K 11/00 (2006.01), G05D 7/01 (2006.01), F16K 99/00 (2006.01)
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(51) G06Q 20/00 (2006.01)
(86) PCT US2011/024092 de 08/02/2011
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(51) F16L 15/08 (2006.01)
(86) PCT EP2010/007555 de 10/12/2010
(87) WO 2011/076349 de 30/06/2011

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(30) 28/01/2010 EP 10000862.2
(51) C07C 29/17 (2006.01), B01J 35/06 (2006.01), B01J 23/60 (2006.01), B01J 19/00 (2006.01)
(86) PCT EP2011/051197 de 28/01/2011
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(87) WO 2011/076263 de 30/06/2011

(21) **BR 11 2012 019799-1 1.1**
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(51) A23F 5/48 (2006.01)
(86) PCT EP2010/069125 de 08/12/2010
(87) WO 2011/076564 de 30/06/2011

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(86) PCT EP2009/067870 de 23/12/2009
(87) WO 2011/076277 de 30/06/2011

(21) **BR 11 2012 019802-5 1.1**
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(51) A61B 5/0488 (2006.01), A61B 5/053 (2006.01), A61B 5/0492 (2006.01)
(86) PCT US2011/023018 de 28/01/2011
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(21) **BR 11 2012 019805-0 1.1**
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(51) G02B 13/06 (2006.01), G03B 37/00 (2006.01), G03B 17/56 (2006.01)
(86) PCT GB2011/000173 de 10/02/2011
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(21) **BR 11 2012 019806-8 1.1**
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(51) B63B 35/36 (2006.01), B63B 35/34 (2006.01), B63C 7/00 (2006.01), B63B 38/00 (2006.01)
(86) PCT MY2011/000010 de 28/01/2011
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(21) **BR 11 2012 019812-2 1.1**
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(51) C12P 21/00 (2006.01), C12N 1/19 (2006.01), C12N 15/81 (2006.01)

(86) PCT IN2010/000190 de 29/03/2010
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(21) **BR 11 2012 019816-5 1.1**
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(51) B60S 5/06 (2006.01), H01M 2/10 (2006.01)
(86) PCT FR2011/050273 de 09/02/2011
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(21) **BR 11 2012 019817-3 1.1**
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(51) B65D 47/20 (2006.01), A61J 7/00 (2006.01), B65D 47/06 (2006.01), A61J 1/14 (2006.01)
(86) PCT US2010/045230 de 11/08/2010
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(51) F03G 7/04 (2006.01)
(86) PCT CN2011/000198 de 09/02/2011
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(51) G06Q 50/00 (2006.01)
(86) PCT US2011/024117 de 09/02/2011
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(21) **BR 11 2012 019830-0 1.1**
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(51) E05B 65/12 (2006.01), E05B 65/20 (2006.01)
(86) PCT EP2011/051842 de 08/02/2011
(87) WO 2011/098459 de 18/08/2011

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(51) B60S 1/38 (2006.01)
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(51) A61B 17/02 (2006.01), A61B 17/86 (2006.01)
(86) PCT SE2011/050148 de 09/02/2011
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(86) PCT EP2010/051663 de 10/02/2010
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(21) **BR 11 2012 019835-1 1.1**
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(51) C11D 3/33 (2006.01), C11D 3/36 (2006.01), C11D 3/386 (2006.01), C12N 9/28 (2006.01)
(86) PCT US2011/024321 de 10/02/2011
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(51) F28F 13/02 (2006.01), F23D 14/02 (2006.01), C10G 9/20 (2006.01), F28F 1/10 (2006.01), C10G 9/14 (2006.01)
(86) PCT US2011/024008 de 08/02/2011
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(51) C12P 7/10 (2006.01), C12P 1/00 (2006.01), C12P 19/00 (2006.01), C12P 19/14 (2006.01), C12P 7/02 (2006.01), C12P 7/56 (2006.01)
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(51) A61M 25/02 (2006.01), A61F 13/02 (2006.01), A61M 5/142 (2006.01)
(86) PCT US2011/023853 de 07/02/2011
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(21) **BR 11 2012 019841-6 1.1**
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(51) F24J 2/16 (2006.01), F24J 2/52 (2006.01), F24J 2/54 (2006.01)
(86) PCT FR2011/050255 de 08/02/2011
(87) WO 2011/098715 de 18/08/2011

(21) **BR 11 2012 019842-4 1.1**
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(51) H04W 72/04 (2009.01), H04W 72/08 (2009.01), H04W 24/10 (2009.01)
(86) PCT US2011/024394 de 10/02/2011
(87) WO 2011/100466 de 18/08/2011

(21) **BR 11 2012 019843-2 1.1**
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(51) B60C 11/04 (2006.01), B60C 11/13 (2006.01)
(86) PCT JP2011/052736 de 09/02/2011
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(21) **BR 11 2012 019845-9 1.1**
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(51) A61F 13/15 (2006.01)
(86) PCT US2011/024329 de 10/02/2011
(87) WO 2011/100414 de 18/08/2011

(21) **BR 11 2012 019846-7 1.1**
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(51) A61F 13/15 (2006.01)
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(51) B01J 8/04 (2006.01), B01J 19/24 (2006.01), C07C 29/152 (2006.01), B01J 35/04 (2006.01)
(86) PCT GB2012/050330 de 14/02/2012
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(51) C08G 18/02 (2006.01), C08G 18/18 (2006.01), C08G 18/70 (2006.01), C08G 18/79 (2006.01), C08L 27/06 (2006.01), C09D 127/06 (2006.01)
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(21) **BR 11 2012 019864-5 1.1**
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(51) H04L 29/08 (2006.01), H04L 29/06 (2006.01)
(86) PCT EP11/051547 de 03/02/2011
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(21) **BR 11 2012 019865-3 1.1**
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(51) G06K 9/46 (2006.01)
(86) PCT EP11/051704 de 07/02/2011
(87) WO 2011/095617 de 11/08/2011

(21) **BR 11 2012 019866-1 1.1**
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(51) A61K 31/5025 (2006.01)
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(21) **BR 11 2012 019867-0 1.1**
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(51) B01J 19/24 (2006.01), C07C 67/08 (2006.01), C10L 1/18 (2006.01), C11C 3/00 (2006.01)
(86) PCT GB2011/000158 de 07/02/2011
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(21) **BR 11 2012 019868-8 1.1**
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(51) A61K 9/107 (2006.01), A61K 9/113 (2006.01), A61K 47/02 (2006.01), A61K 47/06 (2006.01), A61K 47/26 (2006.01), A61K 47/44 (2006.01), A61K 9/00 (2006.01), C12N 15/113 (2010.01)
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(51) H04N 13/00 (2006.01)
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(51) C11D 3/10 (2006.01), C11D 3/20 (2006.01), C11D 3/33 (2006.01), C11D 7/12 (2006.01), C11D 7/26 (2006.01), C11D 7/32 (2006.01)
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(51) A61B 3/10 (2006.01), G01N 21/17 (2006.01)
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(51) B01J 31/16 (2006.01), B01J 31/04 (2006.01), B01J 31/18 (2006.01), B01D 17/02 (2006.01), B01J 20/22 (2006.01), C07F 3/00 (2006.01), C07F 15/00 (2006.01)
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(51) B64C 1/14 (2006.01), B64C 3/34 (2006.01)
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(51) B64C 1/14 (2006.01), B64C 3/34 (2006.01)
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(51) C07K 14/78 (2006.01), A61K 38/39 (2006.01), C40B 30/04 (2006.01), C12N 15/10 (2006.01), A61K 38/00 (2006.01)
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(51) F21L 4/04 (2006.01)
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(51) G01F 15/06 (2006.01), G01F 15/00 (2006.01), G01F 1/66 (2006.01)
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(51) C12N 15/85 (2006.01), A01K 67/027 (2006.01), C07K 16/46 (2006.01)
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(51) B67D 1/08 (2006.01)
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(51) B29C 43/22 (2006.01), B29C 33/10 (2006.01), B29C 33/38 (2006.01)
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(51) E21B 17/01 (2006.01), E21B 19/00 (2006.01)
(86) PCT NL2011/050093 de 10/02/2011
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(51) H01M 8/06 (2006.01), B01J 7/02 (2006.01), C01B 3/06 (2006.01)
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(87) WO 2011/097198 de 11/08/2011

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(51) F02C 7/20 (2006.01), F01D 25/28 (2006.01), F01D 21/04 (2006.01)
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(87) WO 2011/098728 de 18/08/2011

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(51) G01N 33/574 (2006.01)
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(51) F25D 31/00 (2006.01), F25D 25/02 (2006.01), A01N 1/02 (2006.01)
(86) PCT IB2010/055837 de 15/12/2010
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(51) B65G 47/52 (2006.01), B62D 65/18 (2006.01)
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(51) C01G 9/02 (2006.01)
(86) PCT US2011/023695 de 04/02/2011
(87) WO 2011/097444 de 11/08/2011

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(51) H01L 21/336 (2006.01), H01L 29/786 (2006.01)
(86) PCT US2011/025795 de 23/02/2011
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(21) **BR 11 2012 019899-8 1.1**
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(51) B65D 81/32 (2006.01), B65D 35/24 (2006.01), B65D 83/14 (2006.01)
(86) PCT US2011/026095 de 24/02/2011
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(21) **BR 11 2012 019900-5 1.1**
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(51) A47J 31/22 (2006.01), A47J 31/40 (2006.01), A47J 31/06 (2006.01), B65D 85/804 (2006.01)
(86) PCT EP2011/051481 de 02/02/2011
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(21) **BR 11 2012 019902-1 1.1**
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(51) G01N 33/68 (2006.01)
(86) PCT EP2011/051825 de 08/02/2011
(87) WO 2011/098449 de 18/08/2011

(21) **BR 11 2012 019903-0 1.1**
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(51) B29C 70/06 (2006.01), B29C 43/10 (2006.01), B64C 3/18 (2006.01), B29K 105/08 (2006.01)
(86) PCT JP2011/000708 de 09/02/2011
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(21) **BR 11 2012 019904-8 1.1**
(30) 08/02/2010 US 61/302,376
(51) C11D 1/83 (2006.01), C11D 1/12 (2006.01)
(86) PCT IB2011/050536 de 08/02/2011
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(21) **BR 11 2012 019907-2 1.1**
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(51) H01L 21/336 (2006.01), H01L 29/786 (2006.01)
(86) PCT US2011/024310 de 10/02/2011
(87) WO 2011/106165 de 01/09/2011

(21) **BR 11 2012 019908-0 1.1**
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(51) E04F 11/18 (2006.01)
(86) PCT GB2011/000137 de 02/02/2011
(87) WO 2011/095770 de 11/08/2011

(21) **BR 11 2012 019911-0 1.1**
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(51) C07K 16/24 (2006.01), A61K 39/395 (2006.01), A61P 3/00 (2006.01), A61P 3/04 (2006.01), A61P 3/10 (2006.01)
(86) PCT EP2011/051749 de 07/02/2011
(87) WO 2011/098424 de 18/08/2011

(21) **BR 11 2012 019916-1 1.1**
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(51) C23C 22/60 (2006.01), C23C 22/73 (2006.01), C23C 22/34 (2006.01)
(86) PCT EP2011/050526 de 17/01/2011
(87) WO 2011/098322 de 18/08/2011

(21) **BR 11 2012 019917-0 1.1**
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(51) F15D 1/06 (2006.01)
(86) PCT EP2011/051488 de 02/02/2011
(87) WO 2011/098383 de 18/08/2011

(21) **BR 11 2012 019918-8 1.1**
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(51) E05D 15/02 (2006.01), E06B 3/32 (2006.01)
(86) PCT US2011/024144 de 09/02/2011
(87) WO 2011/100287 de 18/08/2011

(21) **BR 11 2012 019919-6 1.1**
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(51) A61J 9/04 (2006.01)
(86) PCT US2011/024332 de 10/02/2011
(87) WO 2011/100416 de 18/08/2011

(21) **BR 11 2012 019920-0 1.1**
(30) 08/02/2010 US 61/302,384
(51) C07D 237/22 (2006.01), C07D 487/04 (2006.01), A61K 31/50 (2006.01), A61K 31/5025 (2006.01), A61P 29/00 (2006.01)
(86) PCT US2011/023867 de 07/02/2011
(87) WO 2011/097553 de 11/08/2011

(21) **BR 11 2012 019921-8 1.1**
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(51) A61K 9/00 (2006.01), A61K 9/08 (2006.01), A61K 31/00 (2006.01), A61K 47/00 (2006.01), A61K 47/22 (2006.01), A61K 47/32 (2006.01), A61P 11/00 (2006.01), A61P 11/04 (2006.01), A61P 11/14 (2006.01)
(86) PCT US2011/024116 de 09/02/2011
(87) WO 2011/100267 de 18/08/2011

(21) **BR 11 2012 019922-6 1.1**
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(51) F24C 15/02 (2006.01)
(86) PCT EP2011/051621 de 04/02/2011
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(21) **BR 11 2012 019923-4 1.1**
(30) 09/02/2010 US 61/302,760
(51) A01N 57/00 (2006.01), A61K 31/66 (2006.01)
(86) PCT US2011/024256 de 09/02/2011
(87) WO 2011/100373 de 18/08/2011

(21) **BR 11 2012 019924-2 1.1**
(30) 10/02/2010 US 61/303,173; 26/02/2010 US 61/308,599
(51) C07K 16/28 (2006.01), A61K 39/395 (2006.01)
(86) PCT EP2011/051958 de 10/02/2011
(87) WO 2011/098520 de 18/08/2011

(21) **BR 11 2012 019925-0 1.1**
(30) 11/02/2010 US 61/303,423; 21/10/2010 US 61/405,338
(51) C07D 487/08 (2006.01), C07D 498/08 (2006.01)
(86) PCT US2011/024305 de 10/02/2011
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(21) **BR 11 2012 019931-5 1.1**
(30) 19/02/2010 US 61/306,170
(51) H04N 21/4722 (2011.01)
(86) PCT US2010/003109 de 08/12/2010
(87) WO 2011/102824 de 25/08/2011

(21) **BR 11 2012 019948-0 1.1**
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(51) E03D 1/34 (2006.01)
(86) PCT CN2010/078149 de 27/10/2010
(87) WO 2011/097899 de 18/08/2011

(21) **BR 11 2012 019953-6 1.1**
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(51) G01J 3/42 (2006.01)
(86) PCT GB2011/000167 de 08/02/2011
(87) WO 2011/098755 de 18/08/2011

(21) **BR 11 2012 019959-5 1.1**
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(51) A61B 17/68 (2006.01), A61B 17/04 (2006.01)
(86) PCT AU2011/000131 de 09/02/2011
(87) WO 2011/097672 de 18/08/2011

(21) **BR 11 2012 019969-2 1.1**
(30) 09/02/2010 US 61/302,751; 28/01/2011 US 13/016,820
(51) E21B 47/14 (2006.01), H01L 41/08 (2006.01), H04R 17/00 (2006.01)
(86) PCT US2011/024182 de 09/02/2011
(87) WO 2011/100315 de 18/08/2011

(21) **BR 11 2012 019970-6 1.1**
(30) 09/02/2010 JP 2010-027047
(51) H04W 72/10 (2009.01), H04W 36/26 (2009.01)
(86) PCT JP2011/052775 de 09/02/2011
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(21) **BR 11 2012 019971-4 1.1**
(30) 09/02/2010 EP 10 405023.2
(51) B31F 1/07 (2006.01)
(86) PCT EP2011/051417 de 01/02/2011
(87) WO 2011/098376 de 18/08/2011

(21) **BR 11 2012 019973-0 1.1**
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(51) A01N 43/713 (2006.01), C07D 401/14 (2006.01), C07D 403/06 (2006.01), A61K 31/4439 (2006.01), A61P 33/00 (2006.01)
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(21) **BR 11 2012 019974-9 1.1**
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(51) B41J 25/308 (2006.01), B41J 25/00 (2006.01)
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(21) **BR 11 2012 019975-7 1.1**
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(51) B65H 18/08 (2006.01), B41J 15/16 (2006.01), B41J 23/02 (2006.01), B41J 17/02 (2006.01)
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(21) **BR 11 2012 019976-5 1.1**
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(51) C07B 49/00 (2006.01), C07C 1/32 (2006.01), C07C 15/44 (2006.01), C07C 43/205 (2006.01)
(86) PCT EP11/051390 de 01/02/2011
(87) WO 2011/098375 de 18/08/2011

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(51) B60Q 5/00 (2006.01)
(86) PCT IB2011/000201 de 07/02/2011
(87) WO 2011/098882 de 18/08/2011

(21) **BR 11 2012 019986-2 1.1**
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(86) PCT CN10/070673 de 11/02/2010
(87) WO 2011/097819 de 18/08/2011

(21) **BR 11 2012 019987-0 1.1**
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(51) C09J 4/00 (2006.01), C08G 63/688 (2006.01), C08G 67/02 (2006.01), C09J 5/00 (2006.01)
(86) PCT EP11/050041 de 04/01/2011
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(51) G06Q 10/00 (2006.01)
(86) PCT US11/022634 de 26/01/2011
(87) WO 2011/100113 de 18/08/2011

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(51) A61K 47/48 (2006.01), C07K 14/65 (2006.01), C07K 5/10 (2006.01)
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(51) H04W 72/04 (2009.01), H04W 72/14 (2009.01)
(86) PCT JP11/053079 de 15/02/2011
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(51) B04C 5/13 (2006.01)
(86) PCT EP11/000075 de 11/01/2011
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(51) B60R 21/01 (2006.01), H04M 11/04 (2006.01)
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(51) A61K 36/575 (2006.01), A61K 47/10 (2006.01)
(86) PCT US11/026017 de 24/02/2011
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(51) H02K 9/02 (2006.01), F03B 13/10 (2006.01)
(86) PCT NO11/000056 de 17/02/2011
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(86) PCT SE10/050710 de 22/06/2010
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(51) F01L 1/344 (2006.01)
(86) PCT EP11/050745 de 20/01/2011
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(51) H04W 28/06 (2009.01), H04W 72/04 (2009.01)
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(51) A61K 35/74 (2006.01), A61P 1/00 (2006.01), A61P 1/16 (2006.01), A61P 3/00 (2006.01), A61P 31/00 (2006.01), A61P 37/02 (2006.01), A61P 43/00 (2006.01)
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(51) C11D 3/37 (2006.01), C11D 17/00 (2006.01), C11D 3/22 (2006.01)
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(87) WO 2011/098802 de 18/08/2011

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(51) B65F 5/00 (2006.01)
(86) PCT FI11/050108 de 08/02/2011
(87) WO 2011/098666 de 18/08/2011

(21) **BR 11 2012 020023-2 1.1**
(30) 12/02/2010 FI 20105145; 12/05/2010 FI 20100203
(51) B65F 5/00 (2006.01)
(86) PCT FI11/050109 de 08/02/2011
(87) WO 2011/098667 de 18/08/2011

(21) **BR 11 2012 020024-0 1.1**
(30) 12/02/2010 FI 20105145; 12/05/2010 FI 20100203; 24/05/2010 FI 20105570
(51) B65F 5/00 (2006.01)
(86) PCT FI11/050110 de 08/02/2011
(87) WO 2011/098668 de 18/08/2011

(21) **BR 11 2012 020025-9 1.1**
(30) 12/02/2010 FI 20105145; 12/05/2010 FI 20100203; 24/05/2010 FI 20105570
(51) B65F 5/00 (2006.01)
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(87) WO 2011/098669 de 18/08/2011

(21) **BR 11 2012 020026-7 1.1**
(30) 10/02/2010 US 61/303,207; 25/02/2010 US 61/308,076; 25/02/2010 US 61/308,137; 04/08/2010 US 61/370,541
(51) G01N 27/30 (2006.01), E21B 47/00 (2006.01), G01N 21/64 (2006.01), G01N 33/18 (2006.01)
(86) PCT US11/024356 de 10/02/2011
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(51) G01V 8/10 (2006.01), E21B 47/00 (2006.01), G01N 23/223 (2006.01), G01V 5/08 (2006.01)
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(51) E21B 34/06 (2006.01), E21B 43/12 (2006.01)
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(51) E01F 9/047 (2006.01)
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(51) G01T 1/40 (2006.01), G01T 1/202 (2006.01)
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(21) **BR 11 2012 020035-6 1.1**
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(51) C08L 27/06 (2006.01), C08K 3/22 (2006.01), C08K 5/12 (2006.01), C08L 91/06 (2006.01), C08K 3/26 (2006.01)
(86) PCT US2011/024581 de 11/02/2011
(87) WO 2011/100584 de 18/08/2011

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(51) G06F 15/76 (2006.01)
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(51) G02B 6/036 (2006.01)
(86) PCT US2011/025633 de 22/02/2011
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(21) **BR 11 2012 020052-6 1.1**
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(51) G06F 19/00 (2011.01)
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(87) WO 2011/098392 de 18/08/2011

(21) **BR 11 2012 020053-4 1.1**
(30) 12/02/2010 US 61/304,315; 07/04/2010 US 61/321,858; 13/12/2010 US 12/966,934
(51) H04W 72/04 (2009.01), H04L 1/00 (2006.01)
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(21) **BR 11 2012 020062-3 1.1**
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(51) A61N 1/36 (2006.01), A61N 1/05 (2006.01)
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(21) **BR 11 2012 020078-0 1.1**
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(51) C11D 3/40 (2006.01)
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(21) **BR 11 2012 020225-1 1.1**
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(51) C09B 67/22 (2006.01), D06P 3/66 (2006.01), D06P 1/38 (2006.01), C09B 62/513 (2006.01)
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(51) B23C 3/12 (2006.01), B24B 9/00 (2006.01), B23D 19/00 (2006.01), B23Q 3/00 (2006.01)
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(21) **BR 11 2012 020402-5 1.1**
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(51) E21B 17/01 (2006.01), E21B 7/12 (2006.01)
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(21) **BR 11 2012 020448-3 1.1**
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(51) A62B 7/10 (2006.01), A62B 7/12 (2006.01), A62B 9/02 (2006.01), A62B 18/10 (2006.01)
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(51) G01B 11/00 (2006.01), G01B 11/26 (2006.01), G01N 21/90 (2006.01), G01N 21/958 (2006.01), G01V 8/10 (2006.01), G06T 1/00 (2006.01)
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(51) E21B 36/00 (2006.01), E21B 43/24 (2006.01), E21B 36/04 (2006.01), H05B 6/00 (2006.01)
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(51) B65H 45/08 (2006.01)
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(21) **BR 11 2012 020639-7 1.1**
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(51) H02M 1/34 (2007.01), H02M 7/487 (2007.01)
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(51) H04W 36/38 (2009.01)
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(21) **BR 11 2012 020913-2 1.1**
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(51) G01N 27/06 (2006.01), E21B 47/10 (2006.01), G01N 33/28 (2006.01)
(86) PCT EP2011/000555 de 07/02/2011
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(21) **BR 11 2012 020995-7 1.1**
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(51) B29D 30/00 (2006.01), B29C 37/00 (2006.01)
(86) PCT IB2011/000372 de 21/02/2011
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(51) B29C 73/02 (2006.01), B29C 73/04 (2006.01)
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(21) **BR 11 2012 021049-1 1.1**
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(51) C12M 3/02 (2006.01), C12M 1/24 (2006.01), C12M 1/04 (2006.01)
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(51) B01J 20/28 (2006.01), B65D 81/26 (2006.01), C09D 11/00 (2006.01), B05D 1/26 (2006.01), B65D 30/10 (2006.01)
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(51) B05C 5/02 (2006.01), B29C 47/02 (2006.01), B29C 47/12 (2006.01)
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(51) B29C 71/00 (2006.01), B29C 63/00 (2006.01), B29C 63/02 (2006.01), F16L 9/12 (2006.01), B29K 73/00 (2006.01), B32B 1/08 (2006.01), F16L 11/10 (2006.01)
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(51) G01B 5/00 (2006.01), G01B 5/20 (2006.01)
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(51) G01V 3/18 (2006.01)
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(87) WO 2011/123379 de 06/10/2011

(21) **BR 11 2012 021273-7 1.1**
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(51) B60C 15/00 (2006.01), B60C 15/05 (2006.01), B60C 15/06 (2006.01)
(86) PCT EP2011/051443 de 02/02/2011
(87) WO 2011/104074 de 01/09/2011

(21) **BR 11 2012 021274-5 1.1**
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(51) H01H 31/36 (2006.01), H01H 3/42 (2006.01)
(86) PCT EP2011/052523 de 21/02/2011
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(21) **BR 11 2012 021275-3 1.1**
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(51) A61K 9/50 (2006.01), A61K 31/00 (2006.01), A61K 9/16 (2006.01)
(86) PCT EP2011/052682 de 23/02/2011
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(21) **BR 11 2012 021369-5 1.1**
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(51) G10L 19/00 (2013.01)
(86) PCT EP2011/052246 de 15/03/2011
(87) WO 2011/104146 de 01/09/2011

(21) **BR 11 2012 021370-9 1.1**
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(51) G10H 1/08 (2006.01), G10H 1/20 (2006.01)
(86) PCT EP2011/052838 de 25/02/2011
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(21) **BR 11 2012 021533-7 1.1**
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(51) G10L 19/00 (2013.01)
(86) PCT EP2011/052694 de 23/02/2011
(87) WO 2011/104283 de 01/09/2011

(21) **BR 11 2012 021662-7 1.1**
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(51) H01M 2/10 (2006.01), H01M 2/34 (2006.01), H02H 7/18 (2006.01)
(86) PCT EP2011/000661 de 11/02/2011
(87) WO 2011/107216 de 09/09/2011

(21) **BR 11 2012 021664-3 1.1**
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(51) H01M 2/34 (2006.01), H01M 10/42 (2006.01), G01R 15/20 (2006.01), H02H 7/18 (2006.01)
(86) PCT EP2011/001029 de 02/03/2011
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(21) **BR 11 2012 021696-1 1.1**
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(86) PCT BY2010/000003 de 05/05/2010
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(21) **BR 11 2012 021932-4 1.1**
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(51) G01B 21/04 (2006.01)
(86) PCT GB2011/000300 de 04/03/2011
(87) WO 2011/107746 de 09/09/2011

(21) **BR 11 2012 021937-5 1.1**
(51) E05B 49/00 (2006.01), E05B 47/00 (2006.01)
(86) PCT US2010/000628 de 02/03/2010
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(21) **BR 11 2012 021938-3 1.1**
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(51) C09K 8/588 (2006.01)
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(21) **BR 11 2012 021939-1 1.1**
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(51) B41J 2/175 (2006.01)
(86) PCT US2011/028924 de 18/03/2011
(87) WO 2011/123260 de 06/10/2011

(21) **BR 11 2012 021940-5 1.1**
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(51) C07C 227/02 (2006.01), C07C 229/02 (2006.01)
(86) PCT EP2011/053869 de 15/03/2011
(87) WO 2011/113822 de 22/09/2011

(21) **BR 11 2012 021969-3 1.1**
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(51) C12Q 1/68 (2006.01), G01N 33/53 (2006.01)
(86) PCT US11/026750 de 01/03/2011
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(21) **BR 11 2012 021976-6 1.1**
(30) 05/03/2010 CH 00295/10
(51) B22D 41/50 (2006.01), B22D 41/56 (2006.01)
(86) PCT EP2011/000991 de 01/03/2011
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(21) **BR 11 2012 022056-0 1.1**
(30) 04/03/2010 GB 1003581.4
(51) B01F 13/00 (2006.01), B65D 8/14 (2006.01), B05B 12/08 (2006.01)
(86) PCT GB11/000311 de 04/06/2011
(87) WO 2011/107752 de 09/09/2011

(21) **BR 11 2012 022100-0 1.1**
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(51) A22C 11/00 (2006.01), A23L 1/01 (2006.01)
(86) PCT EP2011/053066 de 02/03/2011
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(21) **BR 11 2012 022101-9 1.1**
(30) 03/03/2010 FR 1051542
(51) A61K 8/44 (2006.01), A61K 8/46 (2006.01), A61K 8/60 (2006.01), A61K 8/73 (2006.01), A61K 8/891 (2006.01), A61Q 5/00 (2006.01), A61Q 5/02 (2006.01), A61Q 5/12 (2006.01)
(86) PCT FR2011/050442 de 03/03/2011
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(21) **BR 11 2012 022102-7 1.1**
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(51) C07K 16/18 (2006.01), C07K 16/46 (2006.01), A61K 39/395 (2006.01)
(86) PCT EP2011/053090 de 02/03/2011
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(21) **BR 11 2012 022137-0 1.1**
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(51) G05F 1/67 (2006.01)
(86) PCT JP2011/053934 de 23/05/2011
(87) WO 2011/108412 de 09/09/2011

(21) **BR 11 2012 022162-0 1.1**
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(51) A22C 25/16 (2006.01), A22C 25/17 (2006.01)
(86) PCT ES2010/070819 de 14/12/2010
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(21) **BR 11 2012 022181-7 1.1**
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(51) C02F 1/44 (2006.01), B01D 61/08 (2006.01)
(86) PCT US2011/025977 de 24/02/2011
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(21) **BR 11 2012 022235-0 1.1**
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(51) F16K 1/22 (2006.01)
(86) PCT US2011/021163 de 13/01/2011
(87) WO 2011/109120 de 09/09/2011

(21) **BR 11 2012 022236-8 1.1**
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(51) C09D 1/00 (2006.01)
(86) PCT US2011/021819 de 20/01/2011
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(21) **BR 11 2012 022237-6 1.1**
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(51) B64C 11/30 (2006.01), B64C 11/32 (2006.01), F02K 3/04 (2006.01), F04D 29/36 (2006.01), F01D 7/00 (2006.01)
(86) PCT FR2011/050348 de 18/02/2011
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(87) WO 2011/108300 de 09/09/2011

(21) **BR 11 2012 022239-2 1.1**
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(51) G06Q 40/00 (2006.01)
(86) PCT US2011/026734 de 01/03/2011
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(21) **BR 11 2012 022242-2 1.1**
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(51) A61B 17/28 (2006.01)
(86) PCT US2011/027061 de 03/03/2011
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(21) **BR 11 2012 022245-7 1.1**
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(51) H01M 10/18 (2006.01)
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(21) **BR 11 2012 022247-3 1.1**
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(51) C22B 7/00 (2006.01), C22B 23/00 (2006.01), C22B 34/34 (2006.01), C22B 3/44 (2006.01), C22B 23/02 (2006.01), C22B 34/22 (2006.01), C22B 3/12 (2006.01)
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(51) H04W 36/14 (2009.01), H04W 88/06 (2009.01)
(86) PCT US2011/025727 de 22/02/2011
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(51) A61C 11/02 (2006.01), A61C 11/00 (2006.01), A61C 13/097 (2006.01), A61C 19/05 (2006.01)
(86) PCT KR2010/002400 de 16/04/2010
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(51) C08F 10/00 (2006.01), C08F 4/02 (2006.01)
(86) PCT EP11/053233 de 03/02/2011
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(51) G01B 11/24 (2006.01), G02C 13/00 (2006.01), B24B 9/14 (2006.01)
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(21) **BR 11 2012 022327-5 1.1**
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(51) E01F 8/00 (2006.01), E02B 3/14 (2006.01)
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(51) C12P 19/02 (2006.01), C13K 1/02 (2006.01), C12P 19/14 (2006.01)
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(51) A23L 1/0522 (2006.01), A23L 1/0524 (2006.01), A23L 1/0526 (2006.01), A23L 1/053 (2006.01), A23L 1/054 (2006.01), A23L 2/52 (2006.01), A23L 2/66 (2006.01)
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(51) B01F 15/00 (2006.01), B01F 7/16 (2006.01), B01F 13/08 (2006.01), C12M 1/02 (2006.01), C12M 1/00 (2006.01), B01L 3/00 (2006.01)
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(51) A61C 13/34 (2006.01), A61F 5/56 (2006.01), A61C 9/00 (2006.01), A61C 19/00 (2006.01)
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(21) **BR 11 2012 022551-0 1.1**
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(51) C04B 35/46 (2006.01), C04B 38/06 (2006.01)
(86) PCT JP2011/055119 de 03/03/2011
(87) WO 2011/111633 de 15/09/2011

(21) **BR 11 2012 022691-6 1.1**
(51) C07C 2/66 (2006.01), C07C 15/00 (2006.01), C07C 7/00 (2006.01), B01J 29/70 (2006.01), B01J 29/08 (2006.01)
(86) PCT US2010/026844 de 10/03/2010
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(87) WO 2012/000266 de 05/01/2012

(21) **BR 11 2012 022734-3 1.1**
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(51) C10M 171/00 (2006.01), C10M 177/00 (2006.01), C10N 20/02 (2006.01), C10N 40/30 (2006.01), C10N 70/00 (2006.01)
(86) PCT US2011/031363 de 06/04/2011
(87) WO 2011/127132 de 13/10/2011

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(51) H05B 6/70 (2006.01)
(86) PCT US2011/027541 de 08/03/2011
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(21) **BR 11 2012 022737-8 1.1**
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(51) A23C 19/06 (2006.01), A23C 19/09 (2006.01), A23J 3/26 (2006.01), A23L 1/00 (2006.01)
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(87) WO 2011/110184 de 15/09/2011

(21) **BR 11 2012 022743-2 1.1**
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(51) B32B 7/06 (2006.01), B32B 7/12 (2006.01), B32B 27/08 (2006.01), B32B 27/32 (2006.01), B32B 27/36 (2006.01), B41M 3/00 (2006.01), B44C 1/00 (2006.01), C09J 7/02 (2006.01)
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(51) G09G 3/34 (2006.01)
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(87) WO 2011/112861 de 15/09/2011

(21) **BR 11 2012 022770-0 1.1**
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(51) H01R 11/15 (2006.01), H02G 1/14 (2006.01), H02G 7/08 (2006.01)
(86) PCT NZ2011/000034 de 11/03/2011
(87) WO 2011/112104 de 15/09/2011

(21) **BR 11 2012 022773-4 1.1**
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(51) G06F 3/00 (2006.01)
(86) PCT US2010/061513 de 21/12/2010
(87) WO 2011/112227 de 15/09/2011

(21) **BR 11 2012 022776-9 1.1**
(30) 09/03/2010 US 61/311943; 15/12/2010 US 61/423418; 09/03/2011 US 13/044018
(51) G01M 15/00 (2006.01), F02M 37/22 (2006.01), F02M 35/024 (2006.01), G01N 29/04 (2006.01), G06F 19/00 (2011.01)
(86) PCT US2011/027723 de 09/03/2011
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(51) C08J 5/18 (2006.01), C08L 1/26 (2006.01), C08K 3/16 (2006.01), B29D 7/01 (2006.01)
(86) PCT KR12/006181 de 03/08/2012
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(51) B60N 2/20 (2006.01), B60N 2/12 (2006.01)
(86) PCT EP11/000912 de 24/02/2012
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(51) C12N 1/14 (2006.01), A01N 63/04 (2006.01), C12R 1/645 (2006.01)
(86) PCT FR2011/000128 de 11/03/2011
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(21) **BR 11 2012 022893-5 1.1**
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(51) C12N 1/16 (2006.01), C12N 1/02 (2006.01), C12P 7/64 (2006.01)
(86) PCT US2011/028122 de 11/03/2011
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(51) B32B 17/10 (2006.01)
(86) PCT US2011/028860 de 17/03/2011
(87) WO 2011/113069 de 15/09/2011

(21) **BR 11 2012 022916-8 1.1**
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(51) A61K 9/127 (2006.01), A61K 9/107 (2006.01), A61K 47/30 (2006.01), A61K 31/122 (2006.01), A61P 35/00 (2006.01)
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(21) **BR 11 2012 022917-6 1.1**
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(51) C07K 16/40 (2006.01)
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(21) **BR 11 2012 022919-2 1.1**
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(51) B25J 11/00 (2006.01)
(86) PCT JP2011/055590 de 10/03/2011
(87) WO 2011/111765 de 15/09/2011

(21) **BR 11 2012 022920-6 1.1**
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(51) G04G 9/00 (2006.01), G04C 3/00 (2006.01), G04G 99/00 (2010.01)
(86) PCT JP2010/072270 de 10/12/2010
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(21) **BR 11 2012 022922-2 1.1**
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(51) G04G 9/00 (2006.01), G01R 11/00 (2006.01), G04B 19/00 (2006.01), G04G 99/00 (2010.01)
(86) PCT JP2011/068913 de 23/08/2011
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(21) **BR 11 2012 022923-0 1.1**
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(51) H02J 7/35 (2006.01), H02J 3/24 (2006.01), H02J 3/28 (2006.01)
(86) PCT US2011/000446 de 10/03/2011
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(21) **BR 11 2012 022925-7 1.1**
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(51) H02M 3/156 (2006.01)
(86) PCT IB2011/000508 de 09/03/2011
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(21) **BR 11 2012 022927-3 1.1**
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(51) E21B 21/10 (2006.01)
(86) PCT US2011/027991 de 10/03/2011
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(21) **BR 11 2012 022928-1 1.1**
(30) 11/03/2010 DE 10 2010 002 783.9
(51) C07C 231/02 (2006.01), C07C 233/60 (2006.01)
(86) PCT EP2011/053606 de 10/03/2011
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(21) **BR 11 2012 022943-5 1.1**
(30) 11/03/2010 US 61/312,771; 12/03/2010 US 61/313,223
(51) C07D 471/04 (2006.01), C07D 519/00 (2006.01), A61K 31/437 (2006.01), A61P 19/00 (2006.01), A61P 11/00 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01), A61P 35/02 (2006.01)
(86) PCT US2011/028194 de 11/03/2011
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(21) **BR 11 2012 022945-1 1.1**
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(51) G06Q 30/00 (2006.01), G06Q 50/00 (2006.01)
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(21) **BR 11 2012 022946-0 1.1**
(30) 12/03/2010 JP 2010-056558
(51) A61K 48/00 (2006.01), A61K 31/7105 (2006.01), A61K 31/7115 (2006.01), A61K 31/712 (2006.01), A61K 31/7125 (2006.01), A61K 35/76 (2006.01), A61P 9/00 (2006.01), A61P 9/04 (2006.01), A61P 9/10 (2006.01)
(86) PCT JP2011/055789 de 11/03/2011
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(21) **BR 11 2012 022948-6 1.1**
(30) 11/03/2010 US 61/312,846
(51) A61B 17/3207 (2006.01), A61B 17/3205 (2006.01), A61B 17/34 (2006.01), A61M 25/01 (2006.01), A61M 25/08 (2006.01)
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(51) H04N 7/32 (2006.01)
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(21) **BR 11 2012 022953-2 1.1**
(30) 12/03/2010 JP 2010-056625
(51) B60T 11/20 (2006.01), B60T 8/18 (2006.01)
(86) PCT JP2011/055840 de 11/03/2011
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(21) **BR 11 2012 022955-9 1.1**
(30) 12/03/2010 JP 2010-055395
(51) G09G 3/36 (2006.01), G02F 1/133 (2006.01), G09G 3/20 (2006.01), G09G 3/34 (2006.01), H04N 5/66 (2006.01)
(86) PCT JP2010/070442 de 17/11/2010
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(21) **BR 11 2012 023113-8 1.1**
(30) 18/03/2010 CH CH 395/10
(51) C11D 3/00 (2006.01), C11D 3/02 (2006.01), C11D 3/22 (2006.01), A01N 25/04 (2006.01)
(86) PCT EP2011/053812 de 14/03/2011
(87) WO 2011/113796 de 22/09/2011

(21) **BR 11 2012 023128-6 1.1**
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(51) G02B 6/00 (2006.01)
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(87) WO 2011/114265 de 22/09/2011

(21) **BR 11 2012 023307-6 1.1**
(30) 16/03/2010 IL 204515
(51) H04L 1/08 (2006.01), H04L 1/00 (2006.01), H04L 12/46 (2006.01)
(86) PCT IL11/000220 de 08/03/2011
(87) WO 2011/114323 de 22/09/2011

(21) **BR 11 2012 023370-0 1.1**
(30) 16/03/2010 NO 20100377
(51) H04B 10/112 (2013.01), H04B 10/114 (2013.01)
(86) PCT NO2011/000082 de 14/03/2011
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(21) **BR 11 2012 023390-4 1.1**
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(51) C02F 3/20 (2006.01), B01F 3/04 (2006.01)

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(21) **BR 11 2012 023430-7 1.1**
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(51) C03C 17/00 (2006.01), C03C 23/00 (2006.01)
(86) PCT US2011/029026 de 18/03/2011
(87) WO 2011/116302 de 22/09/2011

(21) **BR 11 2012 023501-0 1.1**
(30) 19/03/2010 US 61/315,485
(51) A61K 9/127 (2006.01), A61K 39/00 (2006.01), A61K 47/48 (2006.01), A61K 39/21 (2006.01), A61K 39/39 (2006.01)
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(21) **BR 11 2012 023524-9 1.1**
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(51) B05B 11/00 (2006.01)
(86) PCT US2011/028833 de 14/03/2011
(87) WO 2011/116201 de 22/09/2011

(21) **BR 11 2012 023602-4 1.1**
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(51) A61H 1/02 (2006.01)
(86) PCT IT2011/000082 de 21/03/2011
(87) WO 2011/117901 de 29/09/2011

(21) **BR 11 2012 023752-7 1.1**
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(51) C07D 487/04 (2006.01), A61K 31/4985 (2006.01), A61P 29/00 (2006.01), A61P 37/02 (2006.01), A61P 37/08 (2006.01)
(86) PCT EP2011/054171 de 21/03/2011
(87) WO 2011/117160 de 29/09/2011

(21) **BR 11 2012 023753-5 1.1**
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(51) C05F 1/00 (2006.01), C05F 5/00 (2006.01), C05F 11/00 (2006.01), B09B 3/00 (2006.01), C05F 7/00 (2006.01), C05F 3/00 (2006.01), C05F 9/00 (2006.01)
(86) PCT SG2011/000113 de 23/03/2011
(87) WO 2011/119112 de 29/09/2011

(21) **BR 11 2012 023754-3 1.1**
(30) 24/03/2010 US 61/317,023
(51) B01D 35/16 (2006.01), C02F 1/00 (2006.01), C02F 1/44 (2006.01), B08B 5/00 (2006.01)
(86) PCT CA2011/000307 de 23/03/2011
(87) WO 2011/116467 de 29/09/2011

(21) **BR 11 2012 023755-1 1.1**
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(51) H01L 43/08 (2006.01), H01L 43/12 (2006.01), H01L 27/22 (2006.01)
(86) PCT US2011/030008 de 25/03/2011
(87) WO 2011/123357 de 06/10/2011

(21) **BR 11 2012 023763-2 1.1**
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(51) H02K 5/22 (2006.01)
(86) PCT IB2011/051200 de 22/03/2011
(87) WO 2011/117816 de 29/09/2011

(21) **BR 11 2012 023764-0 1.1**
(30) 25/03/2010 FR 1052192
(51) F16J 15/48 (2006.01), F01D 11/00 (2006.01), F02K 1/80 (2006.01), F02K 1/72 (2006.01)
(86) PCT FR2011/050657 de 25/03/2011
(87) WO 2011/117555 de 29/09/2011

(21) **BR 11 2012 023766-7 1.1**
(30) 06/04/2010 SE 10 50329-0
(51) F27D 17/00 (2006.01), C21D 1/52 (2006.01), C21D 9/56 (2006.01)
(86) PCT SE2011/050333 de 24/03/2011
(87) WO 2011/126427 de 13/10/2011

(21) **BR 11 2012 023767-5 1.1**
(30) 29/04/2010 FR 1053343
(51) B64D 29/06 (2006.01)
(86) PCT FR2011/050506 de 14/03/2011
(87) WO 2011/135214 de 03/11/2011

(21) **BR 11 2012 023769-1 1.1**
(30) 23/03/2010 US 61/316,801; 10/09/2010 US 61/381,858
(51) A61F 2/24 (2006.01), A61L 27/38 (2006.01), D06M 10/00 (2006.01), D06M 10/04 (2006.01)
(86) PCT US2011/029654 de 23/03/2011
(87) WO 2011/119754 de 29/09/2011

(21) **BR 11 2012 023770-5 1.1**
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(51) B64D 29/06 (2006.01)
(86) PCT FR2011/050505 de 14/03/2011
(87) WO 2011/135213 de 03/11/2011

(21) **BR 11 2012 023771-3 1.1**
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(51) C08L 23/10 (2006.01), F16L 9/12 (2006.01)
(86) PCT EP2011/053807 de 14/03/2011
(87) WO 2011/117103 de 29/09/2011

(21) **BR 11 2012 023775-6 1.1**
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(51) B23K 13/08 (2006.01), B21C 37/08 (2006.01), B23K 13/00 (2006.01), G01B 11/03 (2006.01), G01N 21/952 (2006.01)
(86) PCT JP2011/056748 de 22/03/2011
(87) WO 2011/118560 de 29/09/2011

(21) **BR 11 2012 023783-7 1.1**
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(51) C08K 5/34 (2006.01), C08K 5/5313 (2006.01), C08K 5/00 (2006.01), C08L 23/12 (2006.01)
(86) PCT EP2011/054387 de 23/03/2011
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(51) C08F 2/00 (2006.01), A61L 15/60 (2006.01)
(86) PCT EP2011/054289 de 22/03/2011
(87) WO 2011/117215 de 29/09/2011

(21) **BR 11 2012 023792-6 1.1**
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(51) G08B 21/02 (2006.01), G08B 3/10 (2006.01), H04M 1/725 (2006.01)
(86) PCT IB11/051116 de 17/03/2010
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(51) A24F 47/00 (2006.01)
(86) PCT GB2011/000416 de 23/03/2011
(87) WO 2011/117580 de 29/09/2011

(21) **BR 11 2012 023806-0 1.1**
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(51) A61M 5/50 (2006.01), A61M 5/31 (2006.01)
(86) PCT US2011/051947 de 16/09/2011
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(21) **BR 11 2012 023808-6 1.1**
(30) 26/03/2010 EP 10158031.4
(51) C12N 9/16 (2006.01), C12N 15/82 (2006.01), C12N 15/55 (2006.01), A01H 5/00 (2006.01)
(86) PCT EP2011/054652 de 25/03/2011
(87) WO 2011/117406 de 29/09/2011

(21) **BR 11 2012 023892-2 1.1**
(30) 16/03/2010 JP 2010-059578; 17/03/2010 JP 2010-060674; 01/04/2010 JP 2010-085561; 07/04/2010 JP 2010-089048; 11/08/2010 JP 2010-179896
(51) C07C 51/43 (2006.01), C07C 55/10 (2006.01), C12P 7/46 (2006.01), C12N 15/09 (2006.01)
(86) PCT JP2011/056103 de 15/03/2011
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(21) **BR 11 2012 023894-9 1.1**
(30) 01/03/2010 US 61/315,077; 17/03/2010 US 61/314,882
(51) A23K 1/18 (2006.01), A23K 1/175 (2006.01), A23K 1/16 (2006.01)
(86) PCT US2011/028837 de 15/03/2011
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(21) **BR 11 2012 023896-5 1.1**
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(51) B23D 55/08 (2006.01), C22C 33/02 (2006.01), C22C 38/24 (2006.01), C22C 38/26 (2006.01), C22C 38/28 (2006.01), C22C 38/30 (2006.01), C22C 38/34 (2006.01), C22C 38/36 (2006.01), C22C 38/38 (2006.01), C22C 38/46 (2006.01), C22C 38/48 (2006.01), C22C 38/50 (2006.01), C22C 38/52 (2006.01), C22C 38/56 (2006.01), C22C 38/58 (2006.01)
(86) PCT SE2011/050256 de 09/03/2011
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(21) **BR 11 2012 023906-6 1.1**
(30) 24/03/2010 FR 1001164
(51) D21F 1/44 (2006.01)
(86) PCT IB2011/051226 de 23/03/2011
(87) WO 2011/117828 de 29/09/2011

(21) **BR 11 2012 023927-9 1.1**
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(51) F04B 49/02 (2006.01), F04B 49/06 (2006.01), H02P 6/00 (2006.01)
(86) PCT EP2011/054264 de 21/03/2011
(87) WO 2011/117199 de 29/09/2011

(21) **BR 11 2012 023929-5 1.1**
(51) E01D 19/14 (2006.01)
(86) PCT EP2010/054027 de 26/03/2010
(87) WO 2011/116834 de 29/09/2011

(21) **BR 11 2012 024066-8 1.1**
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(51) B01D 35/02 (2006.01), B01D 27/04 (2006.01), F01M 11/03 (2006.01)
(86) PCT US2011/029312 de 22/03/2011
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(21) **BR 11 2012 024106-0 1.1**
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(51) A01G 27/00 (2006.01)
(86) PCT ES2011/000090 de 23/03/2011
(87) WO 2011/117442 de 29/09/2011

(21) **BR 11 2012 024139-7 1.1**
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(51) A61K 9/20 (2006.01), A61K 31/485 (2006.01)
(86) PCT EP2011/054463 de 23/03/2011
(87) WO 2011/117306 de 29/09/2011

(21) **BR 11 2012 024211-3 1.1**
(30) 26/03/2010 EP 10 250600.3
(51) A24D 3/04 (2006.01)
(86) PCT EP2011/001502 de 25/03/2011
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(21) **BR 11 2012 024214-8 1.1**
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(51) A23K 1/18 (2006.01)
(86) PCT US2011/000514 de 18/03/2011
(87) WO 2011/119210 de 29/09/2011

(21) **BR 11 2012 024216-4 1.1**
(30) 24/03/2010 JP 2010-067897; 10/11/2010 JP 2010-251512
(51) E05B 65/20 (2006.01)
(86) PCT JP2011/054907 de 03/03/2011
(87) WO 2011/118356 de 29/09/2011

(21) **BR 11 2012 024217-2 1.1**
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(51) F27B 21/08 (2006.01), C22B 1/20 (2006.01)
(86) PCT JP2011/057925 de 23/03/2011
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(21) **BR 11 2012 024220-2 1.1**
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(51) C08L 29/04 (2006.01), B32B 27/28 (2006.01), C08K 3/08 (2006.01), C08K 3/32 (2006.01), C08K 3/38 (2006.01), C08K 5/09 (2006.01), C08K 5/55 (2006.01)
(86) PCT JP2011/057020 de 23/03/2011
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(51) C07K 14/18 (2006.01), C12N 15/40 (2006.01), C12N 7/01 (2006.01), A61K 39/12 (2006.01), A61P 31/14 (2006.01)
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(21) **BR 11 2012 024227-0 1.1**
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(21) **BR 11 2012 024228-8 1.1**
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(51) H02M 3/155 (2006.01), H02M 7/06 (2006.01)
(86) PCT JP2011/057185 de 24/03/2011
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(21) **BR 11 2012 024231-8 1.1**
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(21) **BR 11 2012 024232-6 1.1**
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(51) C12N 15/115 (2010.01), A61K 31/7088 (2006.01), A61P 29/00 (2006.01), A61P 43/00 (2006.01), C12N 15/09 (2006.01), C07K 14/48 (2006.01)
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(21) **BR 11 2012 024234-2 1.1**
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(51) A23L 1/00 (2006.01), A23L 1/22 (2006.01), B65D 81/34 (2006.01)
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(51) A23F 3/06 (2006.01)
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(51) A23P 1/08 (2006.01), A23L 1/00 (2006.01), A23L 1/22 (2006.01), A23L 1/30 (2006.01), A23G 3/20 (2006.01), A21D 13/00 (2006.01)
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(21) **BR 11 2012 024360-8 1.1**
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(51) G10L 21/02 (2013.01)
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(21) **BR 11 2012 024364-0 1.1**
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(51) A24B 13/00 (2006.01), A24B 15/30 (2006.01), A24B 15/28 (2006.01)
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(51) H04N 7/18 (2006.01), H04N 5/232 (2006.01)
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(21) **BR 11 2012 024531-7 1.1**
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(51) B04B 1/14 (2006.01), F16D 1/08 (2006.01)
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(21) **BR 11 2012 024619-4 1.1**
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(21) **BR 11 2012 024625-9 1.1**
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(51) C22C 38/00 (2006.01), B21B 3/02 (2006.01), C21D 8/02 (2006.01), C21D 9/46 (2006.01), C22C 38/28 (2006.01), C22C 38/54 (2006.01)
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(51) G01N 21/85 (2006.01)
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(51) E21B 33/12 (2006.01), E21B 33/134 (2006.01), E21B 34/06 (2006.01), E21B 47/10 (2006.01)
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(21) **BR 11 2012 024851-0 1.1**
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(51) G01M 3/20 (2006.01), G01N 33/28 (2006.01), H01F 27/40 (2006.01)
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(51) B65H 43/04 (2006.01), B65H 18/08 (2006.01), B65H 16/00 (2006.01), B65H 43/00 (2006.01)
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(51) C08G 18/42 (2006.01), A43B 13/04 (2006.01), D06N 3/14 (2006.01)
(86) PCT JP2011/057984 de 30/03/2011
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(21) **BR 11 2012 025127-9 1.1**
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(51) G01T 1/20 (2006.01), E21B 47/12 (2006.01), G01V 5/04 (2006.01)
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(21) **BR 11 2012 025150-3 1.1**
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(51) F01N 3/18 (2006.01), B01D 53/94 (2006.01), F01N 3/20 (2006.01)
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(51) F02D 35/00 (2006.01), B60W 40/00 (2006.01), B60W 40/02 (2006.01), B60W 40/12 (2006.01)
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(21) **BR 11 2012 025477-4 1.1**
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(51) G01K 1/16 (2006.01), G01K 13/00 (2006.01)
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(21) **BR 11 2012 025511-8 1.1**
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(21) **BR 11 2012 025572-0 1.1**
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(51) B60K 31/00 (2006.01), B60W 10/10 (2006.01), B60W 30/14 (2006.01), G01C 21/32 (2006.01)
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(21) **BR 11 2012 025634-3 1.1**
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(51) B60K 17/34 (2006.01), B60K 17/346 (2006.01), B60K 17/35 (2006.01), B60K 23/08 (2006.01), B60T 8/1769 (2006.01), B60T 8/32 (2006.01), B60W 10/02 (2006.01), B60W 10/18 (2006.01), B60W 30/18 (2006.01), F16H 48/30 (2006.01)
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(21) **BR 11 2012 025730-7 1.1**
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(51) C07K 16/32 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01), C12N 15/13 (2006.01)
(86) PCT US2011/031829 de 11/11/2009
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(51) B67D 1/08 (2006.01)
(86) PCT EP11/055650 de 11/04/2011
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(21) **BR 11 2012 025859-1 1.1**
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(51) F21V 31/03 (2006.01), F21S 4/00 (2006.01), F21V 15/015 (2006.01)
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(21) **BR 11 2012 025865-6 1.1**
(30) 21/04/2010 SE 1050393-6
(51) A61B 5/18 (2006.01), B60T 7/02 (2006.01), G09B 19/16 (2006.01), B60W 30/18 (2006.01), G07C 5/00 (2006.01)
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(21) **BR 11 2012 025869-9 1.1**
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(51) A61K 31/407 (2006.01), A61K 31/404 (2006.01), A61P 35/02 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/031256 de 05/04/2011
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(51) G01N 33/68 (2006.01)
(86) PCT EP2011/001724 de 07/04/2011
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(21) **BR 11 2012 026177-0 1.1**
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(51) B21D 22/30 (2006.01), B21D 25/00 (2006.01), B21D 51/26 (2006.01)
(86) PCT EP2011/055847 de 13/04/2011
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(21) **BR 11 2012 026178-9 1.1**
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(51) A61L 2/22 (2006.01)
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(21) **BR 11 2012 026180-0 1.1**
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(51) C02F 1/24 (2006.01), B03D 1/24 (2006.01), B01D 17/02 (2006.01), B01D 19/00 (2006.01), B01F 5/04 (2006.01), C02F 101/32 (2006.01)
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(51) C10B 55/00 (2006.01)
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(21) **BR 11 2012 026184-3 1.1**
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(51) B66C 13/14 (2006.01), E02F 3/413 (2006.01)
(86) PCT SE2011/000066 de 12/04/2011
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(21) **BR 11 2012 026186-0 1.1**
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(51) H04L 27/26 (2006.01), H04B 7/04 (2006.01), H04L 1/18 (2006.01), H04W 88/08 (2009.01), H04W 88/02 (2009.01)
(86) PCT KR2011/002661 de 14/04/2011
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(21) **BR 11 2012 026187-8 1.1**
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(51) B62D 53/04 (2006.01), B60P 3/00 (2006.01)
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(21) **BR 11 2012 026189-4 1.1**
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(51) H04B 7/212 (2006.01), H04W 74/00 (2009.01)
(86) PCT US2011/029700 de 24/03/2011
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(21) **BR 11 2012 026192-4 1.1**
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(51) C09D 5/00 (2006.01)
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(21) **BR 11 2012 026202-5 1.1**
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(51) H01R 12/70 (2011.01), G06K 17/00 (2006.01)
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(21) **BR 11 2012 026203-3 1.1**
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(51) A42B 3/10 (2006.01), A42B 3/04 (2006.01), A42B 3/00 (2006.01)
(86) PCT US2011/033107 de 19/04/2011
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(21) **BR 11 2012 026213-0 1.1**
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(51) A61K 47/48 (2006.01), C07D 487/04 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/032632 de 15/04/2011
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(21) **BR 11 2012 026260-2 1.1**
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(51) B01D 39/00 (2006.01), C02F 1/00 (2006.01), D04H 1/42 (2006.01), D04H 1/541 (2012.01)
(86) PCT US11/032492 de 14/04/2011
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(21) **BR 11 2012 026326-9 1.1**
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(51) G10L 19/16 (2013.01)
(86) PCT EP2011/055728 de 13/04/2011
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(21) **BR 11 2012 026354-4 1.1**
(51) G06F 3/033 (2013.01)
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(87) WO 2011/127646 de 20/10/2011

(21) **BR 11 2012 026442-7 1.1**
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(51) C22B 1/244 (2006.01), C22B 1/26 (2006.01), C09K 3/22 (2006.01)
(86) PCT BR2011/000113 de 15/04/2011
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(21) **BR 11 2012 026633-0 1.1**
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(51) B01J 10/00 (2006.01), B01J 19/00 (2006.01), C07C 273/04 (2006.01), B01J 19/02 (2006.01), B01J 19/24 (2006.01)
(86) PCT EP2011/002106 de 21/04/2011
(87) WO 2011/134648 de 03/11/2011

(21) **BR 11 2012 026648-9 1.1**
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(51) C07D 307/93 (2006.01), A61K 31/365 (2006.01), A61P 35/00 (2006.01)
(86) PCT CN2011/072782 de 23/04/2010
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(21) **BR 11 2012 026659-4 1.1**
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(51) A01N 25/10 (2006.01), A01N 31/02 (2006.01), A01N 33/12 (2006.01), A01N 47/44 (2006.01), A01N 43/80 (2006.01), A01P 1/00 (2006.01), A61L 2/18 (2006.01), C11D 7/10 (2006.01), C11D 7/26 (2006.01), C11D 3/48 (2006.01), B08B 7/00 (2006.01)
(86) PCT EP2011/053921 de 16/03/2011
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(21) **BR 11 2012 026770-1 1.1**
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(51) B01D 39/00 (2006.01), C02F 1/00 (2006.01), D04H 1/42 (2006.01)
(86) PCT US11/032484 de 14/04/2011
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(21) **BR 11 2012 026903-8 1.1**
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(51) E02F 9/28 (2006.01)
(86) PCT US2011/032634 de 15/04/2011
(87) WO 2011/133411 de 27/10/2011

(21) **BR 11 2012 027066-4 1.1**
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(51) C23C 14/06 (2006.01), C23C 14/32 (2006.01), B23B 27/14 (2006.01)
(86) PCT EP2011/054896 de 16/12/2011
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(21) **BR 11 2012 027101-6 1.1**
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(51) D01F 1/09 (2006.01), D04H 3/007 (2012.01), D04H 3/02 (2006.01), D04H 3/16 (2006.01)
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(21) **BR 11 2012 027301-9 1.1**
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(51) A01N 25/04 (2006.01), A01N 25/08 (2006.01), A01N 25/10 (2006.01), A01N 43/90 (2006.01)
(86) PCT US2011/033837 de 26/04/2011
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(21) **BR 11 2012 027315-9 1.1**
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(51) A61K 39/02 (2006.01), C07K 14/20 (2006.01)
(86) PCT US2011/036525 de 13/06/2011
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(21) **BR 11 2012 027318-3 1.1**
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(21) **BR 11 2012 027356-6 1.1**
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(51) A23L 1/29 (2006.01), A23L 1/30 (2006.01), A61K 31/23 (2006.01)
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(51) G01B 9/02 (2006.01)
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(21) **BR 11 2012 027358-2 1.1**
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(51) F02N 15/04 (2006.01), F16D 41/06 (2006.01), F16H 1/28 (2006.01)
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(51) H01L 31/052 (2006.01), C03B 18/06 (2006.01), G02B 3/00 (2006.01)
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(51) A01N 47/30 (2006.01), A01P 7/04 (2006.01)
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(21) **BR 11 2012 027362-0 1.1**
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(51) A47J 31/44 (2006.01), A47J 31/56 (2006.01)
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(51) C21B 5/06 (2006.01), C02F 1/00 (2006.01), C10K 1/00 (2006.01)
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(51) F02D 9/06 (2006.01), F16K 31/122 (2006.01), F02D 11/08 (2006.01)
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(21) **BR 11 2012 027369-8 1.1**
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(51) A61M 5/20 (2006.01), A61M 5/30 (2006.01), A61M 5/31 (2006.01), A61M 5/50 (2006.01)
(86) PCT EP2011/001842 de 13/04/2011
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(51) A01N 43/56 (2006.01), A01N 47/22 (2006.01), A01N 47/24 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
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(51) A01N 43/56 (2006.01), A01N 47/02 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
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(51) A01N 43/56 (2006.01), A01N 43/90 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
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(51) A01N 43/56 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
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(51) A01N 43/56 (2006.01), A01N 53/06 (2006.01), A01N 53/08 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
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(51) A01N 43/56 (2006.01), A01N 47/40 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
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(51) A01N 43/56 (2006.01), A01N 43/36 (2006.01), A01P 3/00 (2006.01)
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(51) A01N 43/56 (2006.01), A01N 37/34 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP2011/002421 de 25/04/2011
(87) WO 2011/135838 de 03/11/2011

(21) **BR 11 2012 027383-3 1.1**
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(51) A01N 43/56 (2006.01), A01N 47/12 (2006.01), A01N 47/26 (2006.01), A01N 55/02 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP2011/002422 de 25/04/2011
(87) WO 2011/135839 de 03/11/2011

(21) **BR 11 2012 027384-1 1.1**
(30) 27/04/2010 JP 2010101851
(51) A01N 43/56 (2006.01), A01N 43/40 (2006.01), A01N 47/40 (2006.01), A01N 51/00 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
(86) PCT JP2011/002413 de 25/04/2011
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(21) **BR 11 2012 027385-0 1.1**
(30) 28/04/2010 JP 2010104095
(51) A01N 43/56 (2006.01), A01N 37/18 (2006.01), A01N 37/50 (2006.01), A01N 39/02 (2006.01), A01N 43/40 (2006.01), A01N 43/54 (2006.01), A01N 47/24 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP2011/002418 de 25/04/2011
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(21) **BR 11 2012 027386-8 1.1**
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(51) A01N 43/56 (2006.01), A01N 43/50 (2006.01), A01N 43/653 (2006.01), A01N 43/80 (2006.01), A01N 43/836 (2006.01), A01N 47/38 (2006.01), A01N 55/00 (2006.01), A01P 3/00 (2006.01)
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(21) **BR 11 2012 027387-6 1.1**
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(51) A01N 43/56 (2006.01), A01N 37/44 (2006.01), A01N 37/46 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP2011/002419 de 25/04/2011
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(21) **BR 11 2012 027388-4 1.1**
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(51) C03B 18/14 (2006.01), H01L 31/052 (2006.01), H01L 31/058 (2006.01)
(86) PCT US2011/000643 de 11/04/2011
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(21) **BR 11 2012 027390-6 1.1**
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(51) C08K 5/00 (2006.01), C08L 23/12 (2006.01), C08J 5/18 (2006.01), H01G 9/02 (2006.01), H01M 2/16 (2006.01), B29C 55/12 (2006.01), C08K 3/22 (2006.01), C08K 5/098 (2006.01), C08L 23/14 (2006.01)
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(21) **BR 11 2012 027392-2 1.1**
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(51) C07D 487/04 (2006.01), C07D 519/00 (2006.01), A61K 31/5517 (2006.01), A61P 25/00 (2006.01), A61P 25/18 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 1/16 (2006.01), A61P 13/12 (2006.01), A61P 9/04 (2006.01), A61P 9/12 (2006.01), A61P 15/10 (2006.01)
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(51) C08F 20/06 (2006.01), G01N 27/62 (2006.01)
(86) PCT JP11/060194 de 26/04/2011
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(51) A61K 31/12 (2006.01), A61P 27/02 (2006.01)
(86) PCT US11/033983 de 24/06/2011
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(21) **BR 11 2012 027562-3 1.1**
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(51) C07C 43/11 (2006.01), C11D 1/72 (2006.01), C11D 3/00 (2006.01)
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(51) C11D 17/04 (2006.01), B25G 1/00 (2006.01), E03D 9/02 (2006.01), C11D 17/00 (2006.01)
(86) PCT GB2011/050765 de 19/04/2011
(87) WO 2011/135330 de 03/11/2011

(21) **BR 11 2012 027604-2 1.1**
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(51) B67B 7/00 (2006.01)
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(87) WO 2011/139550 de 10/11/2011

(21) **BR 11 2012 027606-9 1.1**
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(51) B65D 83/00 (2006.01)
(86) PCT GB2011/050839 de 28/04/2011
(87) WO 2011/135365 de 03/11/2011

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(51) B67D 1/04 (2006.01)
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(51) C07D 211/32 (2006.01), A61K 31/437 (2006.01), A61K 31/445 (2006.01), A61K 31/454 (2006.01), A61K 31/4545 (2006.01), A61K 31/495 (2006.01), A61K 31/496 (2006.01), A61K 31/497 (2006.01), A61K 31/501 (2006.01), A61K 31/506 (2006.01), A61K 31/5377 (2006.01), A61K 31/541 (2006.01), A61K 31/55 (2006.01), A61K 31/551 (2006.01), A61P 1/04 (2006.01), A61P 17/00 (2006.01), A61P 19/00 (2006.01), A61P 19/02 (2006.01), A61P 25/00 (2006.01), A61P 37/00 (2006.01), A61P 43/00 (2006.01), C07D 205/08 (2006.01), C07D 207/27 (2006.01), C07D 207/273 (2006.01), C07D 207/277 (2006.01), C07D 209/54 (2006.01), C07D 211/76 (2006.01), C07D 213/74 (2006.01), C07D 275/02 (2006.01), C07D 295/18 (2006.01), C07D 401/04 (2006.01), C07D 401/06 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/06 (2006.01), C07D 413/12 (2006.01), C07D 413/14 (2006.01), C07D 417/04 (2006.01), C07D 417/10 (2006.01), C07D 417/12 (2006.01), C07D 417/14 (2006.01), C07D 471/04 (2006.01), C07D 471/08 (2006.01)
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(51) F16B 19/10 (2006.01)
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(51) E21B 47/10 (2006.01)
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(21) **BR 11 2012 027658-1 1.1**
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(51) B60Q 3/02 (2006.01)
(86) PCT JP2011/059620 de 19/04/2011
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(21) **BR 11 2012 027660-3 1.1**
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(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61K 31/438 (2006.01), A61K 31/4545 (2006.01), A61P 25/18 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 43/00 (2006.01), C07D 495/14 (2006.01), C07D 519/00 (2006.01)
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(21) **BR 11 2012 027662-0 1.1**
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(51) E21B 43/24 (2006.01)
(86) PCT US2011/030552 de 30/03/2011
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(21) **BR 11 2012 027763-4 1.1**
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(51) C09D 1/00 (2006.01)
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(51) G06Q 10/00 (2006.01)
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(51) F02K 1/72 (2006.01), F02K 1/76 (2006.01), F02K 1/09 (2006.01)
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(51) H04L 5/00 (2006.01)
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(21) **BR 11 2012 028011-2 1.1**
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(51) B60J 10/04 (2006.01), B60J 10/00 (2006.01)
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(51) A61B 17/62 (2006.01), A61B 17/66 (2006.01), A61B 19/00 (2006.01)
(86) PCT US2011/037128 de 19/05/2011
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(51) E04B 2/74 (2006.01), E04B 2/82 (2006.01)
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(51) F42B 3/113 (2006.01), F42D 1/055 (2006.01)
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(51) D02J 1/18 (2006.01)
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(51) H01M 4/485 (2010.01), H01M 4/505 (2010.01), H01M 10/0525 (2010.01), B60L 11/18 (2006.01)
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(51) B22C 11/00 (2006.01), B22C 9/10 (2006.01), B22C 11/04 (2006.01), B22C 15/02 (2006.01)
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(21) **BR 11 2012 028036-8 1.1**
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(51) F15B 11/076 (2006.01), F15B 15/26 (2006.01)
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(21) **BR 11 2012 028037-6 1.1**
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(51) A61K 31/337 (2006.01), A61K 9/107 (2006.01), A61K 9/10 (2006.01), A61P 29/00 (2006.01)
(86) PCT US2011/034586 de 29/04/2011
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(21) **BR 11 2012 028038-4 1.1**
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(51) A61M 5/32 (2006.01), A61M 5/50 (2006.01)
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(21) **BR 11 2012 028039-2 1.1**
(51) D07B 1/04 (2006.01), D07B 1/16 (2006.01)
(86) PCT JP2010/058685 de 17/05/2010
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(21) **BR 11 2012 028040-6 1.1**
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(51) C01G 49/14 (2006.01)
(86) PCT GB2011/050932 de 16/05/2011
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(21) **BR 11 2012 028041-4 1.1**
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(51) B22D 37/00 (2006.01), B22D 39/04 (2006.01)
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(21) **BR 11 2012 028042-2 1.1**
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(51) A63F 1/00 (2006.01), A63F 13/12 (2006.01), A63F 3/08 (2006.01)
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(21) **BR 11 2012 028043-0 1.1**
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(51) H01M 4/86 (2006.01), H01M 4/96 (2006.01), H01M 8/16 (2006.01), H01M 8/02 (2006.01), H01M 8/08 (2006.01), H01M 4/88 (2006.01), H01M 8/10 (2006.01)
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(51) B67D 1/04 (2006.01), B67D 1/12 (2006.01), B65D 83/14 (2006.01), B65D 83/16 (2006.01), G01F 11/08 (2006.01), B65D 83/18 (2006.01), B65D 83/44 (2006.01), B65D 83/60 (2006.01), B67D 1/02 (2006.01), B67D 1/08 (2006.01)
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(21) **BR 11 2012 028045-7 1.1**
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(51) B65D 1/04 (2006.01), B65D 3/04 (2006.01), F04D 13/00 (2006.01)
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(51) A61M 39/20 (2006.01), A61M 5/38 (2006.01), A61M 5/165 (2006.01), A61M 5/14 (2006.01)
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(51) A61M 25/01 (2006.01), A61M 5/14 (2006.01), G09F 23/00 (2006.01)
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(51) B23B 27/10 (2006.01)
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(51) C12P 5/02 (2006.01), C12N 1/20 (2006.01)
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(51) F16D 43/24 (2006.01), B60K 25/00 (2006.01), F02B 67/06 (2006.01), F16D 13/12 (2006.01), F16D 43/21 (2006.01), F16D 7/02 (2006.01), F16H 55/36 (2006.01), F16H 7/20 (2006.01)
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(51) A61K 35/60 (2006.01), A61K 36/06 (2006.01), A61K 38/17 (2006.01), A61P 3/04 (2006.01), A61P 3/10 (2006.01), A61P 9/10 (2006.01), A61P 13/12 (2006.01), A61P 43/00 (2006.01)
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(51) A62B 18/08 (2006.01), A62B 18/02 (2006.01), B29C 51/10 (2006.01), B29D 11/00 (2006.01)
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(51) C04B 35/64 (2006.01), B01J 35/04 (2006.01), F27D 3/12 (2006.01)
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(51) C08L 23/14 (2006.01), C08F 297/08 (2006.01)
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(51) G01B 5/012 (2006.01), G01B 11/00 (2006.01)
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(51) A01N 37/40 (2006.01), A01N 57/20 (2006.01)
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(51) A61K 9/00 (2006.01), A61K 9/20 (2006.01), A61K 31/5415 (2006.01)
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(86) PCT NO2011/000132 de 18/04/2011
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(51) B01D 53/10 (2006.01), C04B 7/36 (2006.01)
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(51) B01D 53/10 (2006.01), C04B 7/36 (2006.01), B01D 53/04 (2006.01), B01D 53/08 (2006.01), B01D 45/04 (2006.01)
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(51) B65D 1/02 (2006.01), B29C 47/04 (2006.01), B29C 49/04 (2006.01), B29C 47/92 (2006.01)
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(21) **BR 11 2012 028103-8 1.1**
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(51) F16K 31/06 (2006.01), F16K 31/08 (2006.01)
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(51) B60W 10/06 (2006.01), B60W 30/14 (2006.01)
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(87) WO 2011/137913 de 10/11/2011

(21) **BR 11 2012 028125-9 1.1**
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(51) B02C 2/06 (2006.01)
(86) PCT SE11/050486 de 20/04/2011
(87) WO 2011/139210 de 10/11/2011

(21) **BR 11 2012 028146-1 1.1**
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(51) A01N 35/02 (2006.01), A01N 43/24 (2006.01)
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(21) **BR 11 2012 028148-8 1.1**
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(51) H04H 60/06 (2008.01), H04H 60/07 (2008.01)
(86) PCT US11/034057 de 27/04/2011
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(21) **BR 11 2012 028149-6 1.1**
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(51) C12M 3/00 (2006.01)
(86) PCT ES11/000104 de 07/04/2011
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(21) **BR 11 2012 028150-0 1.1**
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(51) H04W 52/34 (2009.01), H04W 52/32 (2009.01), H04W 52/14 (2009.01), H04W 52/16 (2009.01), H04W 52/28 (2009.01), H04W 52/36 (2009.01)
(86) PCT US11/035625 de 06/05/2011
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(21) **BR 11 2012 028151-8 1.1**
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(51) H04W 52/02 (2009.01), H04W 84/18 (2009.01)
(86) PCT US11/036130 de 11/05/2011
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(21) **BR 11 2012 028152-6 1.1**
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(51) H04W 74/08 (2009.01)
(86) PCT US11/035298 de 05/05/2011
(87) WO 2011/140302 de 10/11/2011

(21) **BR 11 2012 028153-4 1.1**
(30) 03/05/2010 US 61/330,540
(51) A61K 31/485 (2006.01), A61K 31/44 (2006.01), A61P 9/12 (2006.01)
(86) PCT CN11/073560 de 29/04/2011
(87) WO 2011/137734 de 10/11/2011

(21) **BR 11 2012 028161-5 1.1**
(51) H02P 6/18 (2006.01), H02P 6/00 (2006.01)
(86) PCT IB10/000990 de 03/05/2010
(87) WO 2011/138626 de 10/11/2011

(21) **BR 11 2012 028175-5 1.1**
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(51) H04L 9/32 (2006.01)
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(87) WO 2011/137600 de 10/11/2011

(21) **BR 11 2012 028180-1 1.1**
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(51) F16B 13/06 (2006.01)
(86) PCT EP11/001670 de 02/04/2011
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(21) **BR 11 2012 028183-6 1.1**
(30) 04/05/2010 FR 10 53464
(51) B66C 1/16 (2006.01)
(86) PCT EP11/057068 de 03/05/2011
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(21) **BR 11 2012 028185-2 1.1**
(30) 03/05/2010 FR 1053413
(51) A23L 2/04 (2006.01), A23L 1/025 (2006.01), A23N 1/00 (2006.01), A23N 1/02 (2006.01)
(86) PCT EP11/056863 de 29/04/2011
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(21) **BR 11 2012 028191-7 1.1**
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(51) F16L 37/14 (2006.01), F16L 37/12 (2006.01), F16L 55/00 (2006.01), F16L 21/08 (2006.01)
(86) PCT US2011/035269 de 04/05/2011
(87) WO 2011/140281 de 10/11/2011

(21) **BR 11 2012 028194-1 1.1**
(30) 04/05/2010 US 61/331053
(51) A61K 9/06 (2006.01), A61K 47/36 (2006.01), C08L 5/08 (2006.01), A61K 31/337 (2006.01), A61K 31/4439 (2006.01), A61K 31/58 (2006.01), A61K 31/593 (2006.01)
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(21) **BR 11 2012 028195-0 1.1**
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(51) A61F 5/445 (2006.01), A61F 5/448 (2006.01)
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(21) **BR 11 2012 028197-6 1.1**
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(51) F16L 53/00 (2006.01)
(86) PCT GB11/050811 de 26/04/2011
(87) WO 2011/138596 de 10/11/2011

(21) **BR 11 2012 028198-4 1.1**
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(51) A61F 5/445 (2006.01), A61F 5/448 (2006.01)
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(21) **BR 11 2012 028199-2 1.1**
(30) 18/05/2010 JP 2010-114698
(51) B60W 10/08 (2006.01), B62D 6/00 (2006.01), B62D 101/00 (2006.01), B62D 109/00 (2006.01), B62D 113/00 (2006.01)
(86) PCT JP2011/059176 de 13/04/2011
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(21) **BR 11 2012 028200-0 1.1**
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(51) H04L 5/00 (2006.01)
(86) PCT EP11/057053 de 03/05/2011
(87) WO 2011/138324 de 10/11/2011

(21) **BR 11 2012 028201-8 1.1**
(30) 04/05/2010 US 61/343846
(51) F16L 37/15 (2006.01), F16L 37/14 (2006.01), F16L 37/12 (2006.01), F16L 37/08 (2006.01)
(86) PCT US2011/035267 de 04/05/2011
(87) WO 2011/140280 de 10/11/2011

(21) **BR 11 2012 028204-2 1.1**
(30) 07/06/2010 US 61/352,286; 27/07/2010 US 61/368,047; 09/12/2010 US 61/421,431
(51) G06F 1/16 (2006.01)
(86) PCT US2011/039287 de 06/06/2011
(87) WO 2011/156275 de 15/12/2011

(21) **BR 11 2012 028205-0 1.1**
(30) 05/05/2010 FR 10 01938
(51) C07C 31/135 (2006.01), C07C 33/14 (2006.01), C07C 403/08 (2006.01), A61K 8/34 (2006.01), C11B 9/00 (2006.01)
(86) PCT IB11/051976 de 04/05/2011
(87) WO 2011/138747 de 10/11/2011

(21) **BR 11 2012 028227-1 1.1**
(30) 20/05/2010 US 61/346,738
(51) C07D 401/14 (2006.01), C07D 403/04 (2006.01), A61K 31/506 (2006.01), A61P 7/02 (2006.01)
(86) PCT JP2011/061919 de 18/05/2011
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(21) **BR 11 2012 028289-1 1.1**
(30) 05/05/2010 GB 1007447.4
(51) D07B 1/18 (2006.01)
(86) PCT GB2011/050875 de 05/05/2011
(87) WO 2011/138610 de 10/11/2011

(21) **BR 11 2012 028290-5 1.1**
(30) 05/05/2010 US 61/331,657; 03/06/2010 US 61/351,133
(51) C12N 1/18 (2006.01), C12N 9/02 (2006.01), C12N 9/04 (2006.01), C12P 7/02 (2006.01), C12P 7/06 (2006.01), C12P 7/08 (2006.01), C12P 7/28 (2006.01), C12P 7/62 (2006.01)
(86) PCT US2011/035416 de 05/05/2011
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(21) **BR 11 2012 028291-3 1.1**
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(51) A01N 43/56 (2006.01), A61K 31/415 (2006.01)
(86) PCT US2011/035363 de 05/05/2011
(87) WO 2011/140343 de 10/11/2011

(21) **BR 11 2012 028293-0 1.1**
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(51) B01D 39/00 (2006.01)
(86) PCT US2011/030966 de 01/04/2011
(87) WO 2011/139445 de 10/11/2011

(21) **BR 11 2012 028300-6 1.1**
(30) 04/05/2010 MX MX/A2010/004974
(51) A61K 31/192 (2006.01), A61K 31/198 (2006.01), A61P 29/00 (2006.01)
(86) PCT IB2011/000916 de 28/04/2011
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(21) **BR 11 2012 028307-3 1.1**
(30) 05/05/2010 US 61/331,424
(51) C12P 7/18 (2006.01), C12P 19/02 (2006.01)
(86) PCT US2011/033927 de 26/04/2011
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(21) **BR 11 2012 028308-1 1.1**
(30) 05/05/2010 US 61/331,511
(51) A61K 9/00 (2006.01), A61K 9/08 (2006.01)
(86) PCT US2011/035165 de 04/05/2011
(87) WO 2011/140203 de 10/11/2011

(21) **BR 11 2012 028311-1 1.1**
(30) 04/05/2010 EP 10161891.6
(51) A23G 9/48 (2006.01), A23G 9/46 (2006.01)
(86) PCT EP2011/056039 de 15/04/2011
(87) WO 2011/138153 de 10/11/2011

(21) **BR 11 2012 028318-9 1.1**
(30) 05/05/2010 US 61/331,785; 05/05/2010 US 61/331,789; 05/05/2010 US 61/331,793; 05/05/2010 US 61/331,795
(51) G01N 1/10 (2006.01), G01N 21/00 (2006.01)
(86) PCT US2011/035420 de 05/05/2011
(87) WO 2011/140390 de 10/11/2011

(21) **BR 11 2012 028324-3 1.1**
(30) 06/05/2010 US 61/331,955
(51) A45D 34/04 (2006.01), A46B 15/00 (2006.01), A45D 40/26 (2006.01)
(86) PCT US2011/032916 de 18/04/2011
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(21) **BR 11 2012 028325-1 1.1**
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(51) A63B 22/04 (2006.01)
(86) PCT US2011/035188 de 04/05/2011
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(21) **BR 11 2012 028326-0 1.1**
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(51) C07K 16/28 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01), C07K 16/46 (2006.01), C12N 15/113 (2010.01)
(86) PCT EP2011/057200 de 05/05/2011
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(21) **BR 11 2012 028346-4 1.1**
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(51) F21S 2/00 (2006.01), G02F 1/1333 (2006.01), G02F 1/13357 (2006.01), H04N 5/66 (2006.01), F21Y 101/02 (2006.01)
(86) PCT JP2011/055603 de 10/03/2011
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(21) **BR 11 2012 028352-9 1.1**
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(51) G06F 3/14 (2006.01), G06F 17/22 (2006.01), G06F 3/048 (2013.01)
(86) PCT KR2011/002709 de 15/04/2011
(87) WO 2011/132889 de 27/10/2011

(21) **BR 11 2012 028357-0 1.1**
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(51) G06F 3/048 (2013.01), H04B 1/40 (2006.01)
(86) PCT KR2011/002732 de 18/04/2011
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(21) **BR 11 2012 028364-2 1.1**
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(51) B64G 1/64 (2006.01), F16B 31/00 (2006.01)
(86) PCT FR2011/051026 de 05/05/2011
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(21) **BR 11 2012 028368-5 1.1**
(30) 24/08/2010 JP 2010-187107
(51) A61K 9/20 (2006.01), A61K 9/16 (2006.01), A61K 9/10 (2006.01), A61K 47/34 (2006.01)
(86) PCT JP2011/069243 de 19/08/2011
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(21) **BR 11 2012 028370-7 1.1**
(30) 06/05/2010 US 61332044; 04/05/2011 US 13101104
(51) A61K 8/06 (2006.01), A61K 8/891 (2006.01), A61Q 9/02 (2006.01), A61K 8/04 (2006.01), A61K 8/31 (2006.01)
(86) PCT US2011/035347 de 05/05/2011
(87) WO 2011/140330 de 10/11/2011

(21) **BR 11 2012 028371-5 1.1**
(51) G01S 5/00 (2006.01), G01S 1/68 (2006.01)
(86) PCT EP2010/002835 de 07/05/2010
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(21) **BR 11 2012 028375-8 1.1**
(30) 14/05/2010 US 61/334,978; 12/08/2010 US 12/855,452
(51) A61B 19/00 (2006.01), B25J 15/04 (2006.01), A61B 17/00 (2006.01)
(86) PCT US2011/035109 de 04/05/2011
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(21) **BR 11 2012 028376-6 1.1**
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(51) C07J 51/00 (2006.01), A61K 31/665 (2006.01), A61P 3/10 (2006.01)
(86) PCT CN2011/073791 de 06/05/2011
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(21) **BR 11 2012 028377-4 1.1**
(30) 07/05/2010 IT Fi2010A000095
(51) G06K 19/077 (2006.01)
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(87) WO 2011/138814 de 10/11/2011

(21) **BR 11 2012 028395-2 1.1**
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(51) C07D 495/14 (2006.01)
(86) PCT EP2011/056967 de 02/05/2011
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(21) **BR 11 2012 028398-7 1.1**
(51) H04M 11/06 (2006.01), H04M 3/30 (2006.01)
(86) PCT US2010/034267 de 10/05/2010
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(21) **BR 11 2012 028399-5 1.1**
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(51) A61F 13/15 (2006.01), A61F 13/74 (2006.01)
(86) PCT US2011/036784 de 17/05/2011
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(21) **BR 11 2012 028401-0 1.1**
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(51) A61M 39/26 (2006.01)
(86) PCT US2011/034854 de 02/05/2011
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(21) **BR 11 2012 028409-6 1.1**
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(51) A61K 33/38 (2006.01), A61M 25/01 (2006.01), A61L 31/00 (2006.01), A61P 11/00 (2006.01)
(86) PCT US2011/035304 de 05/05/2011
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(21) **BR 11 2012 028415-0 1.1**
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(51) G06N 5/00 (2006.01), G06F 17/30 (2006.01), G06F 9/44 (2006.01)
(86) PCT US2011/000798 de 06/05/2011
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(21) **BR 11 2012 028417-7 1.1**
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(51) H04N 7/015 (2006.01), H04N 7/24 (2011.01)
(86) PCT KR2011/003566 de 13/05/2011
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(21) **BR 11 2012 028418-5 1.1**
(30) 07/05/2010 DK PA201000406
(51) A22C 17/00 (2006.01)
(86) PCT EP2011/002299 de 09/05/2011
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(21) **BR 11 2012 028419-3 1.1**
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(51) C09K 5/04 (2006.01), C07C 19/08 (2006.01)
(86) PCT US2011/035283 de 05/05/2011
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(21) **BR 11 2012 028422-3 1.1**
(30) 19/05/2010 EP 102902665
(51) C04B 24/36 (2006.01), C04B 28/02 (2006.01), C09K 8/473 (2006.01)
(86) PCT EP2011/056803 de 28/04/2011

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(21) **BR 11 2012 028424-0 1.1**
(30) 06/05/2010 EP 10162131.6
(51) C08G 69/28 (2006.01), C08G 69/26 (2006.01)
(86) PCT EP2011/057207 de 05/05/2011
(87) WO 2011/138396 de 10/11/2011

(21) **BR 11 2012 028425-8 1.1**
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(51) H01H 9/00 (2006.01)
(86) PCT EP2011/000851 de 23/02/2011
(87) WO 2011/141075 de 17/11/2011

(21) **BR 11 2012 028426-6 1.1**
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(51) H01H 9/00 (2006.01)
(86) PCT EP2011/000950 de 26/02/2011
(87) WO 2011/141082 de 17/11/2011

(21) **BR 11 2012 028427-4 1.1**
(30) 06/05/2010 US 61/331,892; 19/10/2010 IL 208820
(51) A61K 39/00 (2006.01), A61K 39/395 (2006.01)
(86) PCT IL2011/000352 de 04/05/2011
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(21) **BR 11 2012 028428-2 1.1**
(30) 06/05/2010 EP 10162167.0
(51) C09D 167/06 (2006.01), C08K 5/14 (2006.01)
(86) PCT EP2011/057293 de 06/05/2011
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(21) **BR 11 2012 028430-4 1.1**
(51) C13K 1/02 (2006.01)
(86) PCT JP2011/050448 de 13/01/2011
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(21) **BR 11 2012 028431-2 1.1**
(30) 06/05/2010 EP 10162159.7; 06/05/2010 EP 10162176.1
(51) C08L 67/06 (2006.01), C09D 167/06 (2006.01), C09D 167/00 (2006.01), C08K 3/00 (2006.01), C08K 3/10 (2006.01), C08K 5/00 (2006.01), C08K 5/06 (2006.01), C08K 5/10 (2006.01), C08K 5/14 (2006.01)
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(21) **BR 11 2012 028433-9 1.1**
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(51) G01V 3/10 (2006.01)
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(21) **BR 11 2012 028434-7 1.1**
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(51) A61K 9/08 (2006.01), A61K 31/727 (2006.01), A61K 47/14 (2006.01), A61K 9/00 (2006.01)
(86) PCT EP2011/056931 de 02/05/2011
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(21) **BR 11 2012 028435-5 1.1**
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(51) B65D 6/40 (2006.01), B65D 25/10 (2006.01), B65D 43/26 (2006.01), B65D 85/00 (2006.01)
(86) PCT CN2011/073393 de 27/04/2011
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(21) **BR 11 2012 028436-3 1.1**
(30) 06/05/2010 EP 10162151.4
(51) F41H 5/04 (2006.01)
(86) PCT EP2011/056974 de 02/05/2011
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(21) **BR 11 2012 028437-1 1.1**
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(51) A61K 9/00 (2006.01), A61K 31/557 (2006.01), A61K 31/5377 (2006.01), A61K 47/32 (2006.01)
(86) PCT IN2011/000320 de 06/05/2011
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(51) C08H 8/00 (2010.01), C10G 1/06 (2006.01)
(86) PCT EP2011/057695 de 12/05/2011
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(21) **BR 11 2012 028439-8 1.1**
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(51) C08G 69/26 (2006.01), C08G 69/28 (2006.01)
(86) PCT EP2011/057208 de 05/05/2011
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(21) **BR 11 2012 028440-1 1.1**
(30) 07/05/2010 EP 101622868; 07/05/2010 US 61332216
(51) C11D 3/00 (2006.01), C11D 3/42 (2006.01), C09B 31/02 (2006.01), C09B 31/04 (2006.01), C09B 31/057 (2006.01), C09B 67/22 (2006.01), C09B 67/00 (2006.01)
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(51) H04N 13/00 (2006.01), H04N 7/32 (2006.01)
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(21) **BR 11 2012 028442-8 1.1**
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(51) A61K 8/81 (2006.01), A61K 47/32 (2006.01), A61Q 1/00 (2006.01), A61Q 5/00 (2006.01), A61Q 17/04 (2006.01), A61Q 19/00 (2006.01), C08K 5/06 (2006.01), C08K 5/10 (2006.01), C08L 33/00 (2006.01)
(86) PCT FR2011/050816 de 11/04/2011
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(51) A23J 1/14 (2006.01), A23J 3/14 (2006.01), A23J 3/16 (2006.01), A23L 1/305 (2006.01), A23L 2/66 (2006.01)
(86) PCT CA2011/000529 de 09/05/2011
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(51) C07D 401/14 (2006.01), C07D 413/14 (2006.01), C07D 417/12 (2006.01), C07D 417/14 (2006.01), A61K 31/506 (2006.01), A61K 31/4545 (2006.01), A61K 31/437 (2006.01), A61K 31/5375 (2006.01), A61K 31/496 (2006.01), A61P 3/10 (2006.01), A61P 3/04 (2006.01)
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(21) **BR 11 2012 028447-9 1.1**
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(51) B21D 22/28 (2006.01), B21D 22/22 (2006.01), B21D 43/00 (2006.01)
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(51) G06F 17/30 (2006.01), G06Q 30/00 (2006.01)
(86) PCT US2011/034927 de 03/05/2011
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(21) **BR 11 2012 028449-5 1.1**
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(51) A47J 31/06 (2006.01), A47J 31/36 (2006.01), A47J 31/52 (2006.01)
(86) PCT EP2011/057137 de 04/05/2011
(87) WO 2011/138368 de 10/11/2011

(21) **BR 11 2012 028450-9 1.1**
(30) 06/05/2010 US 61/332,059
(51) C08G 77/442 (2006.01), C08F 283/10 (2006.01), C08F 283/12 (2006.01), C08L 51/08 (2006.01), C08L 53/00 (2006.01), G02B 1/04 (2006.01)
(86) PCT US2011/035324 de 05/05/2011
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(21) **BR 11 2012 028451-7 1.1**
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(51) A61K 31/74 (2006.01), A61K 31/79 (2006.01), A61K 9/06 (2006.01), A61K 9/12 (2006.01), A61P 31/04 (2006.01), A61P 31/00 (2006.01)
(86) PCT US2011/035309 de 05/05/2011
(87) WO 2011/140310 de 10/11/2011

(21) **BR 11 2012 028452-5 1.1**
(30) 06/05/2010 US 61/331,983
(51) G06T 7/00 (2006.01), G06T 17/00 (2006.01), A61B 3/10 (2006.01), A61B 3/117 (2006.01), A61B 3/14 (2006.01)
(86) PCT US2011/034304 de 28/04/2011
(87) WO 2011/139827 de 10/11/2011

(21) **BR 11 2012 028453-3 1.1**
(30) 07/05/2010 US 61/332,696; 26/04/2011 US 13/094,688
(51) C07C 29/149 (2006.01), C07C 29/80 (2006.01), C07C 31/08 (2006.01), C07C 29/76 (2006.01)
(86) PCT US2011/035543 de 06/05/2011
(87) WO 2011/140455 de 10/11/2011

(21) **BR 11 2012 028454-1 1.1**
(30) 06/05/2010 EP 10162087.0
(51) F02D 41/22 (2006.01), F02D 41/14 (2006.01)
(86) PCT EP2011/057189 de 05/05/2011
(87) WO 2011/138387 de 10/11/2011

(21) **BR 11 2012 028455-0 1.1**
(30) 07/05/2010 EP 10 162342.9
(51) F04D 29/42 (2006.01), F04D 29/44 (2006.01)
(86) PCT EP2011/056568 de 26/04/2011
(87) WO 2011/138188 de 10/11/2011

(21) **BR 11 2012 028456-8 1.1**
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(51) A61L 9/01 (2006.01), A61L 9/14 (2006.01)
(86) PCT GB2011/050886 de 09/05/2011
(87) WO 2011/138620 de 10/11/2011

(21) **BR 11 2012 028461-4 1.1**
(30) 07/05/2010 GB 10 07655.2
(51) G21B 3/00 (2006.01)
(86) PCT GB2011/050889 de 09/05/2011
(87) WO 2011/138622 de 10/11/2011

(21) **BR 11 2012 028462-2 1.1**
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(51) A61K 38/45 (2006.01), A61P 1/16 (2006.01)
(86) PCT US2011/035500 de 06/05/2011
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(21) **BR 11 2012 028463-0 1.1**
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(51) A24D 3/02 (2006.01)
(86) PCT PL2011/000046 de 04/05/2011
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(21) **BR 11 2012 028465-7 1.1**
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(51) A61B 19/00 (2006.01), B25J 15/04 (2006.01)
(86) PCT US2011/035117 de 04/05/2011
(87) WO 2011/143022 de 17/11/2011

(21) **BR 11 2012 028466-5 1.1**
(30) 06/05/2010 US 61/332,151; 06/05/2010 US 61/332,006; 12/10/2010 US 61/392,364; 12/10/2010 US 61/392,188
(51) C12N 9/54 (2006.01), C11D 3/386 (2006.01), C11D 3/39 (2006.01)
(86) PCT US2011/035319 de 05/05/2011
(87) WO 2011/140316 de 10/11/2011

(21) **BR 11 2012 028467-3 1.1**
(30) 06/05/2010 US 61/332,151; 06/05/2010 US 61/332,006; 12/10/2010 US 61/392,364; 12/10/2010 US 61/392,188
(51) C12N 9/54 (2006.01), C11D 3/386 (2006.01), C11D 3/39 (2006.01)
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(87) WO 2011/140364 de 10/11/2011

(21) **BR 11 2012 028468-1 1.1**
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(51) C07C 67/28 (2006.01), C07C 67/343 (2006.01), C07C 69/712 (2006.01), C07C 69/738 (2006.01)
(86) PCT EP2011/057903 de 16/05/2011
(87) WO 2011/144579 de 24/11/2011

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(51) G06F 1/26 (2006.01)
(86) PCT EP2011/058383 de 23/05/2011
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(21) **BR 11 2012 028470-3 1.1**
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(51) E02D 29/02 (2006.01)
(86) PCT EP2011/055204 de 04/04/2011
(87) WO 2011/138105 de 10/11/2011

(21) **BR 11 2012 028471-1 1.1**
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(51) H05B 3/84 (2006.01), H05B 3/86 (2006.01), B60S 1/02 (2006.01)
(86) PCT EP2011/061351 de 06/07/2011
(87) WO 2012/004280 de 12/01/2012

(21) **BR 11 2012 028592-0 1.1**
(30) 10/05/2010 CA 2,703,532
(51) C08L 5/08 (2006.01), A61K 47/36 (2006.01), A61K 8/73 (2006.01), A61P 17/00 (2006.01), A61Q 19/08 (2006.01)
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(21) **BR 11 2012 028664-1 1.1**
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(51) C07C 1/00 (2006.01), C07C 1/20 (2006.01)
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(21) **BR 11 2012 028665-0 1.1**
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(51) F16B 37/04 (2006.01)
(86) PCT DE11/050013 de 05/05/2011
(87) WO 2011/141020 de 17/11/2011

(21) **BR 11 2012 028666-8 1.1**
(51) G01V 3/10 (2006.01)
(86) PCT US10/042221 de 16/07/2010
(87) WO 2012/008965 de 19/01/2012

(21) **BR 11 2012 028668-4 1.1**
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(51) C08L 23/22 (2006.01)
(86) PCT EP11/057586 de 11/05/2011
(87) WO 2011/141496 de 17/11/2011

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(51) B29D 30/00 (2006.01)
(86) PCT IB11/051969 de 04/05/2011
(87) WO 2011/148283 de 01/12/2011

(21) **BR 11 2012 028670-6 1.1**
(30) 27/07/2010 JP 2010-168287; 27/05/2011 JP 2011-119113; 27/05/2011 JP 2011-119107
(51) C08G 69/26 (2006.01)
(86) PCT JP11/066549 de 21/07/2011
(87) WO 2012/014772 de 02/02/2012

(21) **BR 11 2012 028671-4 1.1**
(30) 11/05/2010 FR 1053652
(51) E04C 2/16 (2006.01), C04B 18/24 (2006.01), E04B 1/74 (2006.01)
(86) PCT FR2011/000281 de 09/05/2011
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(21) **BR 11 2012 028673-0 1.1**
(30) 10/05/2010 EP 10162380.9
(51) A61J 1/14 (2006.01), A61J 1/10 (2006.01), B65D 33/14 (2006.01)
(86) PCT EP2011/056961 de 02/05/2011
(87) WO 2011/141317 de 17/11/2011

(21) **BR 11 2012 028674-9 1.1**
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(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/036572 de 16/05/2011
(87) WO 2011/143645 de 17/11/2011

(21) **BR 11 2012 028675-7 1.1**
(30) 10/05/2010 US 12/777,250
(51) B29C 70/20 (2006.01), B29C 70/54 (2006.01), B29C 65/00 (2006.01), B29C 65/08 (2006.01), B29C 65/56 (2006.01), B29C 65/72 (2006.01), B32B 5/12 (2006.01)
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(21) **BR 11 2012 028677-3 1.1**
(30) 10/05/2010 FI 20105503
(51) C10G 2/00 (2006.01), C01B 3/32 (2006.01), C10J 3/00 (2006.01)
(86) PCT FI2011/050430 de 10/05/2011
(87) WO 2011/141635 de 17/11/2011

(21) **BR 11 2012 028678-1 1.1**
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(51) C07D 501/34 (2006.01)
(86) PCT EP2011/057404 de 09/05/2011
(87) WO 2011/141415 de 17/11/2011

(21) **BR 11 2012 028679-0 1.1**
(51) G05D 3/12 (2006.01), E21B 44/00 (2006.01), E21B 7/04 (2006.01)
(86) PCT CA2010/000706 de 10/05/2010
(87) WO 2011/140625 de 17/11/2011

(21) **BR 11 2012 028690-0 1.1**
(30) 10/05/2010 JP 2010-108488
(51) H01L 29/786 (2006.01), G02F 1/1368 (2006.01), H01L 21/336 (2006.01), H01L 29/41 (2006.01), H01L 29/423 (2006.01), H01L 29/49 (2006.01)
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(21) **BR 11 2012 028703-6 1.1**
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(51) H05K 5/02 (2006.01), F21V 31/03 (2006.01)
(86) PCT US2011/036425 de 13/05/2011
(87) WO 2011/143551 de 17/11/2011

(21) **BR 11 2012 028705-2 1.1**
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(51) A61B 17/88 (2006.01), A61B 17/86 (2006.01)
(86) PCT US2011/035760 de 09/05/2011
(87) WO 2011/143116 de 17/11/2011

(21) **BR 11 2012 028708-7 1.1**
(30) 12/05/2010 US 61/334,085; 13/05/2010 KR 10-2010-0045141; 09/05/2011 US 13/103,188
(51) H04B 7/06 (2006.01), H04L 27/26 (2006.01), H04L 1/16 (2006.01)
(86) PCT KR2011/003496 de 12/05/2011
(87) WO 2011/142597 de 17/11/2011

(21) **BR 11 2012 028709-5 1.1**
(30) 28/12/2010 JP 2010-292352
(51) B29C 45/00 (2006.01), B32B 5/32 (2006.01), B29K 105/04 (2006.01)
(86) PCT JP2011/080195 de 27/12/2011
(87) WO 2012/091003 de 05/07/2012

(21) **BR 11 2012 028710-9 1.1**
(30) 10/05/2010 US 61/333,111
(51) C07C 2/00 (2006.01), C07C 1/20 (2006.01), C10L 1/04 (2006.01), C10G 45/04 (2006.01), B01J 31/06 (2006.01)
(86) PCT US2011/035919 de 10/05/2011
(87) WO 2011/143215 de 17/11/2011

(21) **BR 11 2012 028711-7 1.1**
(30) 12/05/2010 US 61/395,448
(51) C07C 11/21 (2006.01), C07C 7/04 (2006.01), A61K 9/107 (2006.01), A61K 31/01 (2006.01), A61K 39/39 (2006.01), A61K 47/06 (2006.01), A61P 31/16 (2006.01)
(86) PCT IB2011/001397 de 12/05/2011
(87) WO 2011/141819 de 17/11/2011

(21) **BR 11 2012 028714-1 1.1**
(30) 12/05/2010 FR 1053752
(51) F24F 11/00 (2006.01)
(86) PCT EP2011/057601 de 11/05/2011
(87) WO 2011/141506 de 17/11/2011

(21) **BR 11 2012 028717-6 1.1**
(30) 10/05/2010 US 61332982; 10/05/2010 US 61332978
(51) A61K 8/49 (2006.01), A61K 8/35 (2006.01), A61K 8/33 (2006.01), A61K 9/06 (2006.01), A61Q 19/02 (2006.01), A61Q 19/00 (2006.01), A61Q 1/00 (2006.01)
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(87) WO 2011/143254 de 17/11/2011

(21) **BR 11 2012 028720-6 1.1**
(30) 10/05/2010 US 61332978; 10/05/2010 US 61332982
(51) C09D 7/12 (2006.01), B01F 17/00 (2006.01), A61K 8/18 (2006.01), C09D 11/00 (2006.01), G03G 9/08 (2006.01)
(86) PCT US2011/035974 de 10/05/2011
(87) WO 2011/143255 de 17/11/2011

(21) **BR 11 2012 028723-0 1.1**
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(51) B60C 25/132 (2006.01), B60C 25/138 (2006.01)
(86) PCT US2011/035866 de 10/05/2011
(87) WO 2011/143175 de 17/11/2011

(21) **BR 11 2012 028726-5 1.1**
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(51) A61K 38/55 (2006.01)
(86) PCT US2012/055127 de 13/09/2012
(87) WO 2013/169282 de 14/11/2013

(21) **BR 11 2012 028741-9 1.1**
(30) 11/05/2010 EP 10004990.7
(51) C08F 210/06 (2006.01), C08F 255/02 (2006.01), B32B 27/32 (2006.01)
(86) PCT EP2011/000255 de 21/01/2011
(87) WO 2011/141070 de 17/11/2011

(21) **BR 11 2012 028742-7 1.1**
(30) 11/05/2010 EP 10004991.5
(51) C08L 23/10 (2006.01)
(86) PCT EP2010/007227 de 29/11/2010
(87) WO 2011/141044 de 17/11/2011

(21) **BR 11 2012 028745-1 1.1**
(30) 10/05/2010 US 61333239; 31/03/2011 US 61470214
(51) F01M 11/03 (2006.01), F01M 1/10 (2006.01), B01D 43/00 (2006.01)
(86) PCT US2011/035935 de 10/05/2011
(87) WO 2011/143227 de 17/11/2011

(21) **BR 11 2012 028747-8 1.1**
(30) 25/05/2010 US 61396269
(51) B65D 71/12 (2006.01), B65D 5/44 (2006.01), B65D 71/28 (2006.01), B65D 5/46 (2006.01)
(86) PCT US2011/037872 de 25/05/2011
(87) WO 2011/150036 de 01/12/2011

(21) **BR 11 2012 028748-6 1.1**
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(51) C03B 23/033 (2006.01), C03B 35/16 (2006.01)
(86) PCT US2011/000828 de 11/05/2011
(87) WO 2011/142814 de 17/11/2011

(21) **BR 11 2012 028750-8 1.1**
(30) 11/05/2010 US 61333509
(51) D01F 2/00 (2006.01), D21D 5/00 (2006.01), D21H 11/00 (2006.01), D21H 11/08 (2006.01)
(86) PCT CA2011/000551 de 11/05/2011
(87) WO 2011/140643 de 17/11/2011

(21) **BR 11 2012 028754-0 1.1**
(30) 12/05/2010 US 12778703
(51) C08K 3/08 (2006.01), C08L 67/04 (2006.01), C08J 5/18 (2006.01), B32B 27/08 (2006.01), B01J 20/26 (2006.01)
(86) PCT US2011/026148 de 25/02/2011
(87) WO 2011/142871 de 17/11/2011

(21) **BR 11 2012 028756-7 1.1**
(30) 28/06/2010 US 12/825,121
(51) C07C 2/58 (2006.01), C07C 7/04 (2006.01), C10G 50/00 (2006.01), B01J 31/02 (2006.01)
(86) PCT US2011/037963 de 25/05/2011
(87) WO 2012/009050 de 19/01/2012

(21) **BR 11 2012 028757-5 1.1**
(30) 10/05/2010 US 12776881
(51) C08L 23/08 (2006.01), D04H 1/00 (2006.01), D04H 3/00 (2006.01)
(86) PCT US2011/034893 de 03/05/2011
(87) WO 2011/143001 de 17/11/2011

(21) **BR 11 2012 028758-3 1.1**
(30) 10/05/2010 US 61/333,007; 15/02/2011 US 61/442,998
(51) H04W 24/10 (2009.01), H04W 64/00 (2009.01)
(86) PCT SE2011/050587 de 10/05/2011
(87) WO 2011/142715 de 17/11/2011

(21) **BR 11 2012 028759-1 1.1**
(30) 10/05/2010 EP 10162376.7
(51) A61J 1/10 (2006.01)
(86) PCT EP2011/056962 de 02/05/2011
(87) WO 2011/141318 de 17/11/2011

(21) **BR 11 2012 028761-3 1.1**
(30) 10/05/2010 EP 10 162375.9
(51) A61J 1/10 (2006.01)
(86) PCT EP2011/056957 de 02/05/2011
(87) WO 2011/141315 de 17/11/2011

(21) **BR 11 2012 028762-1 1.1**
(30) 11/05/2010 JP 2010109425; 09/05/2011 JP 2011104510
(51) C10M 141/10 (2006.01), C10N 30/04 (2006.01), C10N 30/06 (2006.01), C10N 30/10 (2006.01), C10N 40/10 (2006.01)
(86) PCT EP2011/057585 de 11/05/2011
(87) WO 2011/141495 de 17/11/2011

(21) **BR 11 2012 028763-0 1.1**
(30) 10/05/2010 EP 10 162451.8
(51) C07D 487/04 (2006.01), A61K 31/5517 (2006.01), A61P 25/00 (2006.01), A61P 25/18 (2006.01), A61P 25/22 (2006.01), A61P 25/24

(2006.01), A61P 9/00 (2006.01), A61P 9/04 (2006.01), A61P 9/12 (2006.01), A61P 1/16 (2006.01), A61P 15/10 (2006.01)
(86) PCT EP2011/057368 de 09/05/2011
(87) WO 2011/141396 de 17/11/2011

(21) **BR 11 2012 028764-8 1.1**
(30) 11/05/2010 US 61/333,590
(51) A61K 39/00 (2006.01), A61K 39/395 (2006.01), C07K 16/00 (2006.01), C12P 21/08 (2006.01)
(86) PCT US2011/036085 de 11/05/2011
(87) WO 2011/143318 de 17/11/2011

(21) **BR 11 2012 028765-6 1.1**
(30) 12/05/2010 EP 101627420
(51) C10G 1/00 (2006.01), C08H 8/00 (2010.01), C12P 7/00 (2006.01)
(86) PCT EP2011/057692 de 12/05/2011
(87) WO 2011/141545 de 17/11/2011

(21) **BR 11 2012 028766-4 1.1**
(30) 10/05/2010 EP 10 162368.4; 11/05/2010 US 61/333,497
(51) A61K 38/28 (2006.01)
(86) PCT EP2011/057388 de 09/05/2011
(87) WO 2011/141407 de 17/11/2011

(21) **BR 11 2012 028767-2 1.1**
(30) 10/05/2010 US 61/332,949; 10/05/2010 EP 10 162 381.7
(51) C07D 209/34 (2006.01)
(86) PCT EP2011/057276 de 06/05/2011
(87) WO 2011/141364 de 17/11/2011

(21) **BR 11 2012 028768-0 1.1**
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(51) A47L 13/60 (2006.01)
(86) PCT GB11/050852 de 28/04/2011
(87) WO 2011/148155 de 01/12/2011

(21) **BR 11 2012 028769-9 1.1**
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(51) C07C 2/66 (2006.01), C07C 15/073 (2006.01), C07C 15/085 (2006.01), C07C 7/12 (2006.01), B01J 29/08 (2006.01)
(86) PCT US2011/032661 de 15/04/2011
(87) WO 2011/146189 de 24/11/2011

(21) **BR 11 2012 028770-2 1.1**
(30) 12/05/2010 US 61333995
(51) B01J 29/48 (2006.01), B01J 37/02 (2006.01), B01J 37/08 (2006.01), C07C 2/66 (2006.01)
(86) PCT US2011/036053 de 11/05/2011
(87) WO 2011/143303 de 17/11/2011

(21) **BR 11 2012 028771-0 1.1**
(30) 12/05/2010 US 12/778,299
(51) F17C 9/00 (2006.01)
(86) PCT US11/033202 de 20/04/2011
(87) WO 2011/142945 de 17/11/2011

(21) **BR 11 2012 028772-9 1.1**
(30) 12/05/2010 EP 10162677.8
(51) A61F 2/30 (2006.01), A61F 2/36 (2006.01), A61B 17/16 (2006.01), A61F 2/00 (2006.01)
(86) PCT EP2011/057685 de 12/05/2011
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(21) **BR 11 2012 028773-7 1.1**
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(51) A61K 9/20 (2006.01), A61K 31/485 (2006.01)
(86) PCT EP11/057566 de 10/05/2011
(87) WO 2011/141488 de 17/11/2011

(21) **BR 11 2012 028774-5 1.1**
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(51) H01L 23/12 (2006.01)
(86) PCT KR11/003467 de 11/05/2011
(87) WO 2011/142581 de 17/11/2011

(21) **BR 11 2012 028776-1 1.1**
(30) 12/05/2010 DK PA201000420
(51) F16L 11/08 (2006.01)
(86) PCT DK2011/050162 de 12/05/2011
(87) WO 2011/141033 de 17/11/2011

(21) **BR 11 2012 028777-0 1.1**
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(51) B05B 11/00 (2006.01), B05B 15/02 (2006.01)
(86) PCT EP11/057572 de 11/05/2011
(87) WO 2011/141491 de 17/11/2011

(21) **BR 11 2012 028778-8 1.1**
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(51) C07K 14/415 (2006.01), C12N 15/82 (2006.01)
(86) PCT EP2011/057589 de 11/05/2011
(87) WO 2011/141499 de 17/11/2011

(21) **BR 11 2012 028779-6 1.1**
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(51) H01M 2/16 (2006.01)
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(51) H04N 5/262 (2006.01), G06T 3/00 (2006.01), H04N 1/387 (2006.01), H04N 5/232 (2006.01)
(86) PCT JP2012/056080 de 09/03/2012
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(30) 11/05/2010 US 12/777,449
(51) A61B 17/115 (2006.01), A61B 17/00 (2006.01), A61B 17/072 (2006.01)
(86) PCT US11/035878 de 10/05/2011
(87) WO 2011/143184 de 17/11/2011

(21) **BR 11 2012 028782-6 1.1**
(30) 12/05/2010 US 61/334,117; 08/11/2010 US 61/411,298; 26/11/2010 US 61/417,390
(51) E21B 21/06 (2006.01), B01D 21/02 (2006.01), B01D 35/20 (2006.01), B07B 1/46 (2006.01)
(86) PCT CA2011/000542 de 11/05/2011
(87) WO 2011/140635 de 17/11/2011

(21) **BR 11 2012 028784-2 1.1**
(51) B29C 70/22 (2006.01), B29C 70/34 (2006.01), B29C 70/54 (2006.01)
(86) PCT SE10/050518 de 11/05/2010
(87) WO 2011/142699 de 17/11/2011

(21) **BR 11 2012 028785-0 1.1**
(30) 07/06/2010 IL 206272
(51) B23C 5/20 (2006.01)
(86) PCT IL2011/000393 de 18/05/2011
(87) WO 2011/154932 de 15/12/2011

(21) **BR 11 2012 028786-9 1.1**
(30) 11/05/2010 GB 10 07855.8; 11/05/2010 GB 10 07863.2; 11/05/2010 GB 10 07861.6
(51) C12M 1/14 (2006.01), C12M 3/04 (2006.01)
(86) PCT EP2011/057621 de 11/05/2011
(87) WO 2011/141512 de 17/11/2011

(21) **BR 11 2012 028787-7 1.1**
(30) 10/05/2010 US 61/333,173; 21/12/2010 US 61/425,366
(51) A61K 9/127 (2006.01), A61K 31/66 (2006.01), A61K 31/662 (2006.01), A61K 31/202 (2006.01), A61K 31/20 (2006.01)
(86) PCT US11/035992 de 10/05/2011
(87) WO 2011/143271 de 17/11/2011

(21) **BR 11 2012 028788-5 1.1**
(30) 10/05/2010 EP 10162418.7
(51) A61K 9/20 (2006.01)
(86) PCT EP2011/057567 de 10/05/2011
(87) WO 2011/141489 de 17/11/2011

(21) **BR 11 2012 028789-3 1.1**
(30) 09/05/2010 US 61/332,778; 11/01/2011 US 61/431,449
(51) A61B 5/00 (2006.01)
(86) PCT IL11/000369 de 08/05/2011
(87) WO 2011/141908 de 17/11/2011

(21) **BR 11 2012 028790-7 1.1**
(51) H02K 11/00 (2006.01), G01R 31/34 (2006.01)
(86) PCT EP2010/002905 de 11/05/2010
(87) WO 2011/141038 de 17/11/2011

(21) **BR 11 2012 028791-5 1.1**
(30) 10/05/2010 EP 10162382.5
(51) A61J 1/10 (2006.01)
(86) PCT EP11/056960 de 02/05/2011
(87) WO 2011/141316 de 17/11/2011

(21) **BR 11 2012 028792-3 1.1**
(30) 11/05/2010 DE 10 2010 028 870.5
(51) C08G 18/67 (2006.01), C08G 18/75 (2006.01), C09J 175/16 (2006.01), C08G 18/28 (2006.01)
(86) PCT EP11/055594 de 11/04/2011
(87) WO 2011/141245 de 17/11/2011

(21) **BR 11 2012 028794-0 1.1**
(30) 10/05/2010 KR 10-2010-0043637
(51) H01L 23/12 (2006.01)
(86) PCT KR11/003468 de 11/05/2011
(87) WO 2011/142582 de 17/11/2011

(21) **BR 11 2012 028796-6 1.1**
(30) 10/05/2010 DE 10 2010 020 104.9
(51) A43B 13/14 (2006.01), A43B 17/14 (2006.01), A43B 7/14 (2006.01)
(86) PCT EP11/057327 de 06/05/2011
(87) WO 2011/141382 de 17/11/2011

(21) **BR 11 2012 028797-4 1.1**
(30) 10/05/2010 US 12/777,209
(51) D03D 15/00 (2006.01), D06B 9/04 (2006.01), D06M 13/432 (2006.01)
(86) PCT US2011/035669 de 09/05/2011
(87) WO 2011/143076 de 17/11/2011

(21) **BR 11 2012 028798-2 1.1**
(30) 10/05/2010 US 12/776.822
(51) B03D 1/02 (2006.01), H01M 6/52 (2006.01), H01M 10/54 (2006.01)
(86) PCT US2011/035528 de 06/05/2011
(87) WO 2011/143061 de 17/11/2011

(21) **BR 11 2012 028799-0 1.1**
(30) 13/05/2010 US 12/779,680
(51) F04D 29/32 (2006.01)
(86) PCT US11/034873 de 03/05/2011
(87) WO 2011/142998 de 17/11/2011

(21) **BR 11 2012 028801-6 1.1**
(30) 10/05/2010 GB 1007793.1
(51) C09J 5/06 (2006.01), C08G 59/00 (2006.01), C09J 163/00 (2006.01)
(86) PCT EP2011/002293 de 09/05/2011
(87) WO 2011/141148 de 17/11/2011

(21) **BR 11 2012 028802-4 1.1**
(30) 12/05/2010 US 12/778,726
(51) A61K 8/97 (2006.01), A61K 8/66 (2006.01), A61K 8/64 (2006.01), A61K 8/89 (2006.01), A61Q 19/00 (2006.01), A61Q 5/00 (2006.01)
(86) PCT US2011/035857 de 10/05/2011
(87) WO 2011/143171 de 17/11/2011

(21) **BR 11 2012 028804-0 1.1**
(30) 16/06/2010 SE SE1050618-6
(51) C07C 237/14 (2006.01), A61K 31/16 (2006.01), A61P 11/00 (2006.01), A61P 37/00 (2006.01), C07D 233/58 (2006.01)
(86) PCT IB2011/052613 de 16/06/2011
(87) WO 2011/158197 de 22/12/2011

(21) **BR 11 2012 028837-7 1.1**
(51) A01G 25/16 (2006.01)
(86) PCT IL10/000374 de 11/05/2010
(87) WO 2011/141901 de 17/11/2011

(21) **BR 11 2012 028839-3 1.1**
(30) 12/05/2010 US 2010101696498
(86) PCT CN2011/073064 de 20/04/2011
(87) WO 2011/140890 de 17/11/2011

(21) **BR 11 2012 028840-7 1.1**
(30) 10/05/2010 SE 1050462-9
(51) D21D 5/26 (2006.01), F04D 7/04 (2006.01)
(86) PCT SE11/050538 de 29/04/2011
(87) WO 2011/142711 de 17/11/2011

(21) **BR 11 2012 028842-3 1.1**
(30) 14/05/2010 US 12780769; 25/03/2011 US 13072599
(51) A23D 9/007 (2006.01), A23D 9/02 (2006.01), A21D 13/08 (2006.01), A23L 1/18 (2006.01)
(86) PCT US2011/036375 de 13/05/2011
(87) WO 2011/143520 de 17/11/2011

(21) **BR 11 2012 028843-1 1.1**
(30) 12/05/2010 SE 1050471-0
(51) C09D 101/02 (2006.01), D21H 19/36 (2006.01), D21H 19/44 (2006.01)
(86) PCT IB11/052063 de 11/05/2011
(87) WO 2011/141876 de 17/11/2011

(21) **BR 11 2012 028844-0 1.1**
(30) 12/05/2010 SE 1050472-8
(51) D21H 19/62 (2006.01), D21C 9/00 (2006.01)

(86) PCT IB11/052064 de 11/05/2011
(87) WO 2011/141877 de 17/11/2011

(21) **BR 11 2012 028845-8 1.1**
(51) B62D 55/04 (2006.01), B62D 55/20 (2006.01)
(86) PCT SE10/050524 de 12/05/2010
(87) WO 2011/142701 de 17/11/2011

(21) **BR 11 2012 028846-6 1.1**
(30) 10/05/2010 EP 10162438.5
(51) C07C 1/04 (2006.01), C07C 11/04 (2006.01), C07C 11/06 (2006.01), C07C 11/08 (2006.01)
(86) PCT EP11/057307 de 06/05/2011
(87) WO 2011/141374 de 17/11/2011

(21) **BR 11 2012 028847-4 1.1**
(30) 12/05/2010 FR 1002035
(51) E05B 65/32 (2006.01)
(86) PCT EP2011/057004 de 03/05/2011
(87) WO 2011/141320 de 17/11/2011

(21) **BR 11 2012 028848-2 1.1**
(30) 10/05/2010 US 61395197; 05/08/2010 US 61400976
(51) C12N 15/82 (2006.01)
(86) PCT US2011/035908 de 10/05/2011
(87) WO 2011/143204 de 17/11/2011

(21) **BR 11 2012 028850-4 1.1**
(30) 14/05/2010 EP 10 162812.1
(51) C07D 209/14 (2006.01), C07D 209/40 (2006.01)
(86) PCT EP11/053283 de 04/03/2011
(87) WO 2011/141194 de 17/11/2011

(21) **BR 11 2012 028853-9 1.1**
(30) 11/05/2010 DE 10 2010 020 931.7
(51) B23B 29/034 (2006.01), B23B 41/12 (2006.01), B24B 33/02 (2006.01), B24B 33/08 (2006.01)
(86) PCT EP11/057600 de 11/05/2011
(87) WO 2011/141505 de 17/11/2011

(21) **BR 11 2012 028854-7 1.1**
(30) 13/05/2010 AU 2010902064
(51) A61B 1/32 (2006.01), A61B 17/02 (2006.01)
(86) PCT AU2011/000567 de 13/05/2011
(87) WO 2011/140612 de 17/11/2011

(21) **BR 11 2012 028855-5 1.1**
(30) 12/05/2010 US 61/333,831
(51) C12N 5/071 (2010.01), C12Q 1/68 (2006.01), C12N 5/0735 (2010.01), C12N 5/02 (2006.01), C07K 14/47 (2006.01), C07K 14/50 (2006.01)
(86) PCT US11/036043 de 11/05/2011
(87) WO 2011/143299 de 17/11/2011

(21) **BR 11 2012 028857-1 1.1**
(30) 11/05/2010 US 61/333,495
(51) A61K 31/7042 (2006.01), A61K 9/20 (2006.01), A61P 3/10 (2006.01)
(86) PCT US11/036038 de 11/05/2011
(87) WO 2011/143296 de 17/11/2011

(21) **BR 11 2012 028859-8 1.1**
(30) 12/05/2010 FR 1053712
(51) C07K 16/00 (2006.01), C07K 16/28 (2006.01), C07K 16/30 (2006.01)
(86) PCT FR2011/050745 de 01/04/2011
(87) WO 2011/141653 de 17/11/2011

(21) **BR 11 2012 028862-8 1.1**
(30) 12/05/2010 DE 10 2010 028 970.1; 19/11/2010 DE 20 2010 012 940.0
(51) F16L 23/10 (2006.01)
(86) PCT DE11/075108 de 12/05/2011
(87) WO 2011/141023 de 17/11/2011

(21) **BR 11 2012 028863-6 1.1**
(30) 12/05/2010 DE 10 2010 020 979.1
(51) H01H 33/91 (2006.01)
(86) PCT EP11/057010 de 03/05/2011
(87) WO 2011/141321 de 17/11/2011

(21) **BR 11 2012 028864-4 1.1**
(30) 11/05/2010 US 61/333,745
(51) D06M 15/43 (2006.01), D06M 15/431 (2006.01), D06M 15/579 (2006.01), D06M 15/667 (2006.01), D06M 15/673 (2006.01), C08G 79/06 (2006.01), C09K 21/12 (2006.01)
(86) PCT US11/035670 de 09/05/2011
(87) WO 2011/143077 de 17/11/2011

(21) **BR 11 2012 028865-2 1.1**
(30) 10/05/2010 US 10162405.4
(51) D21C 9/00 (2006.01), D21C 9/10 (2006.01), D21C 9/16 (2006.01), D21D 1/02 (2006.01), D21D 1/20 (2006.01), D21D 1/30 (2006.01), D21D 1/34 (2006.01)
(86) PCT GB2011/000709 de 09/05/2011
(87) WO 2011/141692 de 17/11/2011

(21) **BR 11 2012 028867-9 1.1**
(30) 11/05/2010 US 12/777,424
(51) A61B 17/115 (2006.01), A61B 17/00 (2006.01), A61B 17/072 (2006.01)
(86) PCT US11/035876 de 10/05/2011
(87) WO 2011/143183 de 17/11/2011

(21) **BR 11 2012 028868-7 1.1**
(30) 12/05/2010 DE 10 2010 020 425.0; 21/05/2010 DE 10 2010 022 174.0
(51) A61K 9/48 (2006.01), A61K 9/16 (2006.01), A61K 9/50 (2006.01), A61K 31/352 (2006.01)
(86) PCT EP11/001862 de 13/04/2011
(87) WO 2011/141108 de 17/11/2011

(21) **BR 11 2012 028870-9 1.1**
(30) 12/05/2010 EP 10 305507.5
(51) H01F 17/04 (2006.01)
(86) PCT EP11/054416 de 23/03/2011
(87) WO 2011/141213 de 17/11/2011

(21) **BR 11 2012 028871-7 1.1**
(30) 14/05/2010 JP 2010-112625
(51) H04N 13/04 (2006.01), G02B 27/22 (2006.01), G02F 1/13 (2006.01), G02F 1/133 (2006.01), G09G 3/20 (2006.01), G09G 3/34 (2006.01), G09G 3/36 (2006.01)
(86) PCT JP11/052638 de 08/02/2011
(87) WO 2011/142152 de 17/11/2011

(21) **BR 11 2012 028872-5 1.1**
(30) 08/03/2011 US 13/043,138
(51) A01G 25/09 (2006.01), A01G 25/02 (2006.01)
(86) PCT US11/054195 de 30/09/2011
(87) WO 2012/121753 de 13/09/2012

(21) **BR 11 2012 028873-3 1.1**
(30) 12/05/2010 EP 10162741.2; 13/07/2010 EP 10169374.5
(51) B65D 85/804 (2006.01), A47J 31/22 (2006.01)
(86) PCT EP11/057670 de 12/05/2011
(87) WO 2011/141535 de 17/11/2011

(21) **BR 11 2012 028874-1 1.1**
(30) 12/05/2010 EP 10162741.2; 13/07/2010 EP 10169374.5
(51) B65D 85/804 (2006.01), A47J 31/22 (2006.01)
(86) PCT EP11/057657 de 12/05/2011
(87) WO 2011/141532 de 17/11/2011

(21) **BR 11 2012 028876-8 1.1**
(30) 13/05/2010 US 61/334,208
(51) A61K 9/107 (2006.01), A61K 31/216 (2006.01), A61P 23/00 (2006.01)
(86) PCT SE11/050602 de 12/05/2011
(87) WO 2011/149412 de 01/12/2011

(21) **BR 11 2012 028878-4 1.1**
(30) 11/05/2010 DE 10 2010 020 060.3
(51) B29D 30/00 (2006.01), B29D 30/06 (2006.01), B29D 30/56 (2006.01), B29C 31/08 (2006.01), B29C 43/02 (2006.01)
(86) PCT EP11/057553 de 10/05/2011
(87) WO 2011/141479 de 17/11/2011

(21) **BR 11 2012 028886-5 1.1**
(30) 12/05/2010 AT 802010
(51) B23Q 5/04 (2006.01), B23B 29/00 (2006.01), B23B 1/00 (2006.01), B23B 41/00 (2006.01)
(86) PCT AT2011/000226 de 12/05/2010
(87) WO 2011/140578 de 17/11/2011

(21) **BR 11 2012 028887-3 1.1**
(30) 10/05/2010 IT 2010000232
(51) A61K 31/426 (2006.01), A61P 9/12 (2006.01), A61K 31/41 (2006.01), A61K 31/4178 (2006.01), A61K 31/4184 (2006.01)
(86) PCT EP2011/057438 de 09/05/2011
(87) WO 2011/141431 de 17/11/2011

(21) **BR 11 2012 028888-1 1.1**
(30) 10/05/2010 US 12/777,103; 02/11/2010 US 12/938,375; 14/02/2011 US 13/027,022
(51) H01Q 9/16 (2006.01), H01Q 1/24 (2006.01)
(86) PCT US2011/035963 de 10/05/2011
(87) WO 2011/143247 de 17/11/2011

(21) **BR 11 2012 028889-0 1.1**
(30) 11/05/2010 EP 100049543
(51) F16F 15/14 (2006.01)
(86) PCT EP2011/002082 de 26/04/2011
(87) WO 2011/141126 de 17/11/2011

(21) **BR 11 2012 028890-3 1.1**
(30) 12/05/2010 EP 101627321
(51) A61C 1/06 (2006.01), A61C 1/18 (2006.01), A61C 1/08 (2006.01)
(86) PCT EP2011/057460 de 10/05/2011
(87) WO 2011/141441 de 17/11/2011

(21) **BR 11 2012 028892-0 1.1**
(30) 10/05/2010 IT 2010000231
(51) A61K 31/426 (2006.01), A61P 9/12 (2006.01), A61K 31/40 (2006.01), A61K 31/405 (2006.01), A61K 31/44 (2006.01), A61K 31/22 (2006.01), A61K 31/366 (2006.01), A61K 31/47 (2006.01), A61K 31/505 (2006.01)
(86) PCT EP2011/057343 de 06/05/2011
(87) WO 2011/141387 de 17/11/2011

(21) **BR 11 2012 028893-8 1.1**
(30) 10/05/2010 US 61333086; 10/05/2010 AU 2010901997; 09/09/2010 AU 2010904060
(51) A61K 31/736 (2006.01), A61K 39/00 (2006.01), A61P 31/16 (2006.01), A61K 31/715 (2006.01), A61K 48/00 (2006.01), A61P 35/00 (2006.01)
(86) PCT AU2011/000542 de 10/05/2011
(87) WO 2011/140595 de 17/11/2011

(21) **BR 11 2012 028895-4 1.1**
(30) 10/05/2010 AT 7882010
(51) C09D 11/10 (2006.01)
(86) PCT AT2011/000221 de 10/05/2011
(87) WO 2011/140577 de 17/11/2011

(21) **BR 11 2012 028897-0 1.1**
(30) 12/05/2010 US 12779007; 12/05/2010 EP 101627586; 12/05/2010 US 2010034582; 09/08/2010 US 61371967; 12/11/2010 US 61413355; 14/03/2011 US 61452526; 11/05/2011 US 2011036097
(51) G01N 15/08 (2006.01), G01M 3/32 (2006.01), C23C 16/00 (2006.01), G01N 33/00 (2006.01)
(86) PCT US2011/036358 de 12/05/2011
(87) WO 2011/143509 de 17/11/2011

(21) **BR 11 2012 028899-7 1.1**
(30) 11/05/2010 DE 1020100201839
(51) B23K 26/03 (2006.01), B23K 26/38 (2006.01)
(86) PCT EP2011/002211 de 03/05/2011
(87) WO 2011/141135 de 17/11/2011

(21) **BR 11 2012 028905-5 1.1**
(30) 19/05/2010 FR 1053855
(51) B64D 33/02 (2006.01)
(86) PCT FR2011/051043 de 09/05/2011
(87) WO 2011/144836 de 24/11/2011

(21) **BR 11 2012 028906-3 1.1**
(30) 12/05/2010 IL PCT/IL2010/000378
(51) A61K 31/513 (2006.01), C07D 213/84 (2006.01)
(86) PCT IL2010/000974 de 22/11/2010
(87) WO 2011/141903 de 17/11/2011

(21) **BR 11 2012 028907-1 1.1**
(30) 11/05/2010 US 61333415; 11/05/2010 DK PA201070200
(51) A61M 25/00 (2006.01), A61M 25/06 (2006.01), A61B 17/34 (2006.01), A61M 39/02 (2006.01)
(86) PCT EP2011/002325 de 10/05/2011
(87) WO 2011/141162 de 17/11/2011

(21) **BR 11 2012 028911-0 1.1**
(30) 14/05/2010 US 61/334,915
(51) F16K 3/04 (2006.01), F16K 31/04 (2006.01), F16K 21/12 (2006.01)
(86) PCT US2011/036498 de 13/05/2011
(87) WO 2011/143598 de 17/11/2011

(21) **BR 11 2012 028916-0 1.1**
(51) B65H 31/32 (2006.01), B65H 33/12 (2006.01), B65H 29/06 (2006.01)
(86) PCT ES2010/070319 de 12/05/2010
(87) WO 2011/141584 de 17/11/2011

(21) **BR 11 2012 028917-9 1.1**
(30) 12/05/2010 US 6133828
(51) G01N 27/20 (2006.01), G01N 27/24 (2006.01), G01M 3/18 (2006.01)
(86) PCT US2011/036190 de 12/05/2011
(87) WO 2011/143384 de 17/11/2011

(21) **BR 11 2012 028918-7 1.1**

(30) 12/05/2010 IB PCT/IB2010/001400
(51) A23C 9/123 (2006.01), A23L 1/30 (2006.01), C12R 1/225 (2006.01)
(86) PCT IB2011/052072 de 11/05/2011
(87) WO 2011/141881 de 17/11/2011

(21) **BR 11 2012 028919-5 1.1**
(30) 30/06/2010 EP 10382183.1; 16/07/2010 US 61/364,985
(51) C07D 401/14 (2006.01)
(86) PCT EP2011/061035 de 30/06/2011
(87) WO 2012/001120 de 05/01/2012

(21) **BR 11 2012 028920-9 1.1**
(30) 14/05/2010 US 61334986
(51) A61K 39/395 (2006.01), A61K 47/12 (2006.01), C07K 16/22 (2006.01)
(86) PCT US2011/036062 de 11/05/2011
(87) WO 2011/143307 de 17/11/2011

(21) **BR 11 2012 028921-7 1.1**
(30) 14/05/2010 JP 2010-111852
(51) B29C 45/26 (2006.01), B29C 45/78 (2006.01)
(86) PCT JP2011/002680 de 13/05/2011
(87) WO 2011/142140 de 17/11/2011

(21) **BR 11 2012 028922-5 1.1**
(30) 10/05/2010 US 61333200
(51) A61F 2/24 (2006.01)
(86) PCT US2011/035983 de 10/05/2011
(87) WO 2011/143263 de 17/11/2011

(21) **BR 11 2012 028923-3 1.1**
(30) 11/05/2010 DE 10 2010 020 050.6
(51) A61F 13/00 (2006.01), A61L 15/00 (2006.01)
(86) PCT EP2011/057491 de 10/05/2011
(87) WO 2011/141454 de 17/11/2011

(21) **BR 11 2012 028925-0 1.1**
(30) 12/05/2010 NL 10 37957
(51) A01K 5/02 (2006.01)
(86) PCT NL2011/000038 de 06/05/2011
(87) WO 2011/142657 de 17/11/2011

(21) **BR 11 2012 028926-8 1.1**
(51) G06K 9/62 (2006.01)
(86) PCT US2010/034929 de 14/05/2010
(87) WO 2011/149447 de 01/12/2011

(21) **BR 11 2012 028928-4 1.1**
(30) 12/05/2010 EP 10162737.0
(51) C08K 5/098 (2006.01), C08K 5/103 (2006.01), C08K 5/00 (2006.01)
(86) PCT NL2011/050320 de 11/05/2011
(87) WO 2011/142668 de 17/11/2011

(21) **BR 11 2012 028929-2 1.1**
(30) 12/05/2010 JP 2010-109950
(51) B60W 10/06 (2006.01), B60K 6/44 (2007.10), B60K 6/52 (2007.10), B60L 11/14 (2006.01), B60W 10/08 (2006.01), B60W 20/00 (2006.01), F02D 29/02 (2006.01)
(86) PCT JP2011/060104 de 26/04/2011
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(21) **BR 11 2012 028933-0 1.1**
(30) 13/05/2010 US 12/779,907
(51) H04W 24/10 (2009.01), H04W 76/04 (2009.01), H04W 72/12 (2009.01)
(86) PCT US2011/035214 de 04/05/2011
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(21) **BR 11 2012 028935-7 1.1**
(30) 12/05/2010 CH 00747/10
(51) B32B 21/00 (2006.01), B27D 1/04 (2006.01)
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(21) **BR 11 2012 028937-3 1.1**
(30) 12/05/2010 US 61/333,777; 12/05/2010 US 61/454,603
(51) B65B 53/02 (2006.01), B65B 61/02 (2006.01), B65C 1/02 (2006.01), B65C 3/00 (2006.01), G09F 3/02 (2006.01)
(86) PCT US2011/036187 de 12/05/2011
(87) WO 2011/143382 de 17/11/2011

(21) **BR 11 2012 028939-0 1.1**
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(51) F16H 57/08 (2006.01), F16D 1/08 (2006.01)
(86) PCT EP2011/002240 de 05/05/2011
(87) WO 2011/141140 de 17/11/2011

(21) **BR 11 2012 028941-1 1.1**
(30) 12/05/2010 EP 10162724.8
(51) H01G 2/10 (2006.01), H01G 4/224 (2006.01)
(86) PCT EP2011/057715 de 12/05/2011
(87) WO 2011/141557 de 17/11/2011

(21) **BR 11 2012 028943-8 1.1**
(30) 10/05/2010 DE 10 2010 028 817.7
(51) C09K 11/00 (2006.01), B42D 15/00 (2006.01), G06K 7/10 (2006.01), G06K 19/14 (2006.01), H04W 12/00 (2009.01)
(86) PCT EP2011/057528 de 10/05/2011
(87) WO 2011/141467 de 17/11/2011

(21) **BR 11 2012 028945-4 1.1**
(30) 12/05/2010 US 61/334,073
(51) C12Q 1/68 (2006.01), C12N 15/29 (2006.01), A01H 5/00 (2006.01)
(86) PCT US2011/036118 de 11/05/2011
(87) WO 2011/143344 de 17/11/2011

(21) **BR 11 2012 028948-9 1.1**
(30) 11/05/2010 AU 2010902013
(51) A23L 2/74 (2006.01)
(86) PCT AU2011/000536 de 10/05/2011
(87) WO 2011/140589 de 17/11/2011

(21) **BR 11 2012 028949-7 1.1**
(30) 13/05/2010 US 61/334,319; 18/11/2010 US 61/415,141
(51) A61K 38/29 (2006.01), A61K 38/00 (2006.01), A61K 48/00 (2006.01), C12P 21/06 (2006.01)
(86) PCT US2011/036222 de 12/05/2011
(87) WO 2011/143406 de 17/11/2011

(21) **BR 11 2012 028950-0 1.1**
(30) 12/05/2010 GB 10079465
(51) A24D 3/02 (2006.01), A24D 3/04 (2006.01)
(86) PCT GB2011/050899 de 11/05/2011
(87) WO 2011/141735 de 17/11/2011

(21) **BR 11 2012 028951-9 1.1**
(30) 19/05/2010 US 61395885
(51) B65D 71/16 (2006.01), B65D 71/34 (2006.01), B65D 71/46 (2006.01)
(86) PCT US2011/037090 de 19/05/2011
(87) WO 2011/146680 de 24/11/2011

(21) **BR 11 2012 028952-7 1.1**
(30) 04/06/2010 FR 1054410
(51) C04B 28/14 (2006.01)
(86) PCT FR2011/051276 de 06/06/2011
(87) WO 2011/151608 de 08/12/2011

(21) **BR 11 2012 028953-5 1.1**
(30) 11/05/2010 US 61/333,567; 03/08/2010 US 12/849,497
(51) G06F 3/038 (2013.01)
(86) PCT US2011/032068 de 12/04/2011
(87) WO 2011/142923 de 17/11/2011

(21) **BR 11 2012 028954-3 1.1**
(30) 11/05/2010 US 61/333,567; 03/08/2010 US 12/849,438
(51) G06F 3/041 (2006.01)
(86) PCT US2011/032059 de 12/04/2011
(87) WO 2011/142921 de 17/11/2011

(21) **BR 11 2012 028956-0 1.1**
(30) 11/05/2011 JP 2010-109548
(51) H04N 9/07 (2006.01), G06T 5/00 (2006.01), G06T 5/20 (2006.01)
(86) PCT JP2011/002551 de 06/05/2011
(87) WO 2011/142105 de 17/11/2011

(21) **BR 11 2012 028992-6 1.1**
(30) 14/05/2010 CN 201010172483.5; 25/09/2010 CN 201010290350.8
(51) C07D 401/06 (2006.01), A61K 31/4545 (2006.01), A61P 25/00 (2006.01), A61P 25/24 (2006.01), A61P 25/18 (2006.01), A61P 25/04 (2006.01), A61P 25/28 (2006.01)
(86) PCT CN2011/000612 de 08/04/2011
(87) WO 2011/140817 de 17/11/2011

(21) **BR 11 2012 028996-9 1.1**
(30) 17/05/2010 US 12/781,432
(51) G06F 7/00 (2006.01)
(86) PCT US2011/031937 de 11/04/2011
(87) WO 2011/146172 de 24/11/2011

(21) **BR 11 2012 028997-7 1.1**
(30) 18/05/2010 FR 10 53845
(51) A23C 9/12 (2006.01)
(86) PCT FR2011/051127 de 18/05/2011
(87) WO 2011/144870 de 24/11/2011

(21) **BR 11 2012 028998-5 1.1**
(30) 18/05/2010 FR 10 53848; 22/04/2011 EP 11 305 486.0
(51) A01J 25/11 (2006.01)
(86) PCT EP2011/058088 de 18/05/2011
(87) WO 2011/144678 de 24/11/2011

(21) **BR 11 2012 029002-9 1.1**
(30) 13/05/2010 US 61/334,381
(51) A23K 1/14 (2006.01), A23K 1/18 (2006.01)
(86) PCT US2011/035837 de 10/05/2011
(87) WO 2011/143157 de 17/11/2011

(21) **BR 11 2012 029003-7 1.1**
(30) 14/05/2010 US 61/334,780; 27/04/2011 US 13/095,786
(51) G02B 3/14 (2006.01), G02C 7/08 (2006.01), A61F 2/16 (2006.01)
(86) PCT US2011/036431 de 13/05/2011
(87) WO 2011/143554 de 17/11/2011

(21) **BR 11 2012 029006-1 1.1**
(30) 14/05/2010 US 61/334,850
(51) C12Q 1/66 (2006.01)
(86) PCT US2011/036509 de 13/05/2011
(87) WO 2011/143606 de 17/11/2011

(21) **BR 11 2012 029008-8 1.1**
(30) 14/05/2010 US 12/779,984
(51) F02M 51/06 (2006.01), F02M 61/18 (2006.01)
(86) PCT US2011/036428 de 13/05/2011
(87) WO 2011/143552 de 17/11/2011

(21) **BR 11 2012 029011-8 1.1**
(30) 13/05/2010 US 12/779,537
(51) E21B 47/00 (2006.01), E21B 47/12 (2006.01)
(86) PCT US2011/033493 de 21/04/2011
(87) WO 2011/142953 de 17/11/2011

(21) **BR 11 2012 029015-0 1.1**
(30) 26/05/2010 US 61/348,606; 11/03/2011 US 13/046,581
(51) H04W 64/00 (2009.01)
(86) PCT US2011/038211 de 26/05/2011
(87) WO 2011/150259 de 01/12/2011

(21) **BR 11 2012 029016-9 1.1**
(30) 18/05/2010 AU 2010902162; 15/09/2010 AU 2010904167
(51) C21B 11/08 (2006.01), C21B 13/00 (2006.01)
(86) PCT AU2011/000580 de 18/05/2011
(87) WO 2011/143703 de 24/11/2011

(21) **BR 11 2012 029021-5 1.1**
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(51) H04W 52/30 (2009.01)
(86) PCT CN2011/080202 de 27/09/2011
(87) WO 2012/103754 de 09/08/2012

(21) **BR 11 2012 029022-3 1.1**
(30) 14/05/2010 DE 102010016953.6; 02/06/2010 DE 102010017218.9
(51) C08G 63/78 (2006.01), C08G 63/90 (2006.01), C08F 6/00 (2006.01)
(86) PCT EP2011/002358 de 12/05/2011
(87) WO 2011/141176 de 17/11/2011

(21) **BR 11 2012 029023-1 1.1**
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(51) A61M 5/162 (2006.01)
(86) PCT EP2011/053936 de 16/03/2011
(87) WO 2011/141200 de 17/11/2011

(21) **BR 11 2012 029024-0 1.1**
(30) 14/05/2010 US 61/345,022; 14/05/2010 US 61/345,005; 09/08/2010 US 61/372,050; 23/09/2010 US 61/385,844; 18/11/2010 US 61/415,248
(51) A61M 31/00 (2006.01)
(86) PCT US2011/036530 de 13/05/2011
(87) WO 2011/143621 de 17/11/2011

(21) **BR 11 2012 029026-6 1.1**
(30) 13/05/2010 US 61/334,525
(51) C07D 401/14 (2006.01), C07D 403/14 (2006.01), C07D 409/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), C07D 471/04

(2006.01), A61P 25/00 (2006.01), A61K 31/497 (2006.01), A61K 31/4439 (2006.01), C07D 471/08 (2006.01), C07D 491/08 (2006.01)
(86) PCT US2011/036148 de 11/05/2011
(87) WO 2011/143365 de 17/11/2011

(21) **BR 11 2012 029027-4 1.1**
(30) 13/05/2010 ES P201030714
(51) B32B 13/00 (2006.01), B32B 13/02 (2006.01)
(86) PCT ES2011/070322 de 04/05/2011
(87) WO 2011/141603 de 17/11/2011

(21) **BR 11 2012 029030-4 1.1**
(30) 13/05/2010 EP 10162771.9
(51) C01B 3/08 (2006.01), C01B 3/10 (2006.01), B01J 4/02 (2006.01), C01B 3/50 (2006.01)
(86) PCT EP2011/057399 de 09/05/2011
(87) WO 2011/141413 de 17/11/2011

(21) **BR 11 2012 029031-2 1.1**
(30) 17/05/2010 CN 201010184269.1
(51) H04M 3/51 (2006.01), H04M 3/523 (2006.01)
(86) PCT CN2011/071026 de 16/02/2011
(87) WO 2011/143956 de 24/11/2011

(21) **BR 11 2012 029032-0 1.1**
(30) 17/05/2010 FR 1053799
(51) A61K 8/81 (2006.01), A61Q 1/10 (2006.01), A61Q 1/02 (2006.01)
(86) PCT IB2011/052158 de 17/05/2011
(87) WO 2011/145053 de 24/11/2011

(21) **BR 11 2012 029033-9 1.1**
(30) 17/05/2010 GB 1008209.7
(51) C07D 413/04 (2006.01), C07D 498/04 (2006.01), A61K 31/538 (2006.01), A61K 31/553 (2006.01), A61P 25/28 (2006.01)
(86) PCT EP2011/057902 de 16/05/2011
(87) WO 2011/144578 de 24/11/2011

(21) **BR 11 2012 029053-3 1.1**
(30) 14/05/2010 GB 1008139.6
(51) G01N 22/02 (2006.01)
(86) PCT GB2011/050936 de 16/05/2011
(87) WO 2011/141755 de 17/11/2011

(21) **BR 11 2012 029055-0 1.1**
(30) 28/05/2010 FI 20105604
(51) F28D 7/16 (2006.01), F28F 11/00 (2006.01)
(86) PCT FI2011/050457 de 19/05/2011
(87) WO 2011/148044 de 01/12/2011

(21) **BR 11 2012 029058-4 1.1**
(30) 14/05/2010 US 61/334901
(51) A61K 39/02 (2006.01), C07K 14/20 (2006.01)
(86) PCT US2011/036533 de 13/05/2011
(87) WO 2011/143623 de 17/11/2011

(21) **BR 11 2012 029059-2 1.1**
(30) 30/06/2010 JP 2010-150087
(51) G06Q 30/00 (2006.01)
(86) PCT JP2011/064758 de 28/06/2011
(87) WO 2012/002363 de 05/01/2012

(21) **BR 11 2012 029060-6 1.1**
(30) 02/06/2010 HU P1000286; 14/02/2011 NL 2006199; 14/02/2011 NL 2006197
(51) B65D 83/14 (2006.01), B65D 83/16 (2006.01), B67D 1/04 (2006.01), B67D 1/12 (2006.01), G01F 11/08 (2006.01), B65D 83/18 (2006.01), B65D 83/44 (2006.01), B65D 83/60 (2006.01), B67D 1/02 (2006.01), G01F 11/04 (2006.01)
(86) PCT NL2011/050367 de 27/05/2011
(87) WO 2011/152715 de 08/12/2011

(21) **BR 11 2012 029061-4 1.1**
(30) 17/05/2010 US 64/345,466
(51) B01J 23/68 (2006.01), B01J 37/02 (2006.01), B01J 37/08 (2006.01), C07D 301/10 (2006.01), C07D 303/04 (2006.01)
(86) PCT US11/036737 de 17/05/2011
(87) WO 2011/146426 de 24/11/2011

(21) **BR 11 2012 029062-2 1.1**
(51) B23K 11/06 (2006.01), B23K 11/24 (2006.01), B23K 11/30 (2006.01)
(86) PCT JP2010/066571 de 24/09/2010
(87) WO 2012/039060 de 29/03/2012

(21) **BR 11 2012 029065-7 1.1**
(30) 20/05/2010 US 12/784336
(51) C10G 3/00 (2006.01), C10L 1/04 (2006.01)
(86) PCT US2011/035809 de 10/05/2011
(87) WO 2011/146277 de 24/11/2011

(21) **BR 11 2012 029068-1 1.1**
(30) 13/05/2010 US 61/334436
(51) G01J 5/08 (2006.01), A61B 6/14 (2006.01), G01J 5/20 (2006.01), G01N 21/63 (2006.01), G01J 5/02 (2006.01)
(86) PCT CA2011/050303 de 13/05/2011
(87) WO 2011/140664 de 17/11/2011

(21) **BR 11 2012 029071-1 1.1**
(51) H01Q 3/24 (2006.01), H01Q 3/26 (2006.01), H01Q 21/28 (2006.01), H01Q 21/29 (2006.01)
(86) PCT EP2010/058243 de 11/06/2010
(87) WO 2011/154053 de 15/12/2011

(21) **BR 11 2012 029072-0 1.1**
(30) 18/05/2010 US 61/345,798
(51) B65D 75/58 (2006.01), B65B 61/18 (2006.01)
(86) PCT US2011/037010 de 18/05/2011
(87) WO 2011/146627 de 24/11/2011

(21) **BR 11 2012 029073-8 1.1**
(30) 18/05/2010 US 61/345,785; 18/05/2010 US 61/345,778; 17/03/2011 US 61/453,872
(51) B65B 61/18 (2006.01), B65D 75/58 (2006.01)
(86) PCT US2011/037054 de 18/05/2011
(87) WO 2011/146658 de 24/11/2011

(21) **BR 11 2012 029106-8 1.1**
(30) 18/05/2010 US 61/345,763; 29/11/2010 US 61/417,659
(51) A61M 15/00 (2006.01)
(86) PCT EP2011/002462 de 18/05/2012
(87) WO 2011/144326 de 24/11/2011

(21) **BR 11 2012 029107-6 1.1**
(30) 14/05/2010 FR 10 53769
(51) B25J 9/16 (2006.01), G05B 19/408 (2006.01)
(86) PCT FR2011/051076 de 13/05/2011
(87) WO 2011/141683 de 17/11/2011

(21) **BR 11 2012 029112-2 1.1**
(30) 20/05/2010 FR 1053937
(51) G06F 21/32 (2013.01), G06F 21/35 (2013.01), G06F 21/77 (2013.01)
(86) PCT FR2011/051142 de 19/05/2011
(87) WO 2011/144875 de 24/11/2011

(21) **BR 11 2012 029119-0 1.1**
(30) 20/05/2010 EP 1016355.0
(51) C08L 23/14 (2006.01), C08J 5/18 (2006.01)
(86) PCT EP2011/057475 de 10/05/2011
(87) WO 2011/144489 de 24/11/2011

(21) **BR 11 2012 029120-3 1.1**
(30) 10/05/2010 DE 10 2010 020 758.6
(51) F16H 7/08 (2006.01)
(86) PCT EP2011/055234 de 05/04/2011
(87) WO 2011/144383 de 24/11/2011

(21) **BR 11 2012 029122-0 1.1**
(30) 19/05/2010 US 61/345,631; 20/04/2011 FR 11/53433
(51) B65D 77/04 (2006.01), B65D 85/30 (2006.01), B65D 8/06 (2006.01), B65D 51/28 (2006.01)
(86) PCT US2011/037034 de 18/05/2011
(87) WO 2011/146646 de 24/11/2011

(21) **BR 11 2012 029123-8 1.1**
(30) 14/05/2010 US 61/334,965; 05/04/2011 US 13/080,397
(51) E21B 33/16 (2006.01)
(86) PCT US2011/036659 de 16/05/2011
(87) WO 2011/143654 de 17/11/2011

(21) **BR 11 2012 029124-6 1.1**
(30) 18/05/2010 US 12/782,249
(51) E21B 37/00 (2006.01), E21B 31/06 (2006.01), E21B 21/00 (2006.01)
(86) PCT US2011/035457 de 06/05/2011
(87) WO 2011/146253 de 24/11/2011

(21) **BR 11 2012 029126-2 1.1**
(30) 17/05/2010 US 61/345,296
(51) C09J 175/04 (2006.01), C09J 11/06 (2006.01), C08K 5/3437 (2006.01), C08L 75/04 (2006.01), B32B 37/12 (2006.01)
(86) PCT US2011/035454 de 06/05/2011
(87) WO 2011/146252 de 24/11/2011

(21) **BR 11 2012 029129-7 1.1**
(30) 19/05/2010 JP 2010-115669; 19/05/2011 JP 2011-112796
(51) H04M 1/00 (2006.01), G06F 13/00 (2006.01), H04M 11/00 (2006.01), H04N 5/44 (2011.01), H04N 7/173 (2011.01), H04Q 9/00 (2006.01)
(86) PCT JP2011/061585 de 19/05/2011
(87) WO 2011/145701 de 24/11/2011

(21) **BR 11 2012 029131-9 1.1**
(30) 19/05/2010 EP 10305532.3; 19/05/2010 EP 11305140.3; 13/07/2010 EP 10305780.8
(51) A61K 9/00 (2006.01), A61K 38/00 (2006.01), A61K 31/00 (2006.01), A61K 38/28 (2006.01), A61K 9/08 (2006.01)
(86) PCT EP2011/058079 de 18/05/2011
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(21) **BR 11 2012 029133-5 1.1**
(30) 18/05/2010 US 61/346,029
(51) C11D 3/42 (2006.01), C09B 23/14 (2006.01), C09B 69/00 (2006.01)
(86) PCT US2011/036983 de 18/05/2011
(87) WO 2011/146604 de 24/11/2011

(21) **BR 11 2012 029135-1 1.1**
(30) 18/05/2010 IT MI2010A000884
(51) A61P 15/02 (2006.01), A61K 36/185 (2006.01), A61K 31/704 (2006.01), A61K 36/484 (2006.01), A61K 36/758 (2006.01)
(86) PCT EP2011/057052 de 03/05/2011
(87) WO 2011/144439 de 24/11/2011

(21) **BR 11 2012 029136-0 1.1**
(30) 18/05/2010 DE 10 2010 020 717.9
(51) C23F 11/10 (2006.01), C23F 11/14 (2006.01), C02F 1/00 (2006.01), C02F 5/12 (2006.01)
(86) PCT EP2010/005364 de 01/09/2010
(87) WO 2011/144230 de 24/11/2011

(21) **BR 11 2012 029139-4 1.1**
(30) 21/05/2010 EP 10 163566.2
(51) C07D 213/30 (2006.01), C07D 213/32 (2006.01)
(86) PCT EP2011/057104 de 04/05/2011
(87) WO 2011/144444 de 24/11/2011

(21) **BR 11 2012 029141-6 1.1**
(51) B22D 11/108 (2006.01)
(86) PCT JP2010/003396 de 20/05/2010
(87) WO 2011/145145 de 24/11/2011

(21) **BR 11 2012 029153-0 1.1**
(30) 14/05/2010 US 61/395,649
(51) C09B 44/04 (2006.01), C09B 44/18 (2006.01)
(86) PCT US2011/036404 de 13/05/2011
(87) WO 2011/143533 de 17/11/2011

(21) **BR 11 2012 029154-8 1.1**
(30) 14/05/2010 US 12/780,713
(51) G01D 4/00 (2006.01), G01D 9/00 (2006.01), F24C 3/12 (2006.01), F23N 1/00 (2006.01)
(86) PCT US2011/034643 de 29/04/2011
(87) WO 2011/142991 de 17/11/2011

(21) **BR 11 2012 029155-6 1.1**
(30) 14/05/2010 EP 10305512.5
(51) H04W 72/04 (2009.01)
(86) PCT CA2011/050299 de 13/05/2011
(87) WO 2011/140661 de 17/11/2011

(21) **BR 11 2012 029156-4 1.1**
(30) 14/05/2010 US 61/334,667; 06/08/2010 US 12/851,728
(51) H04B 7/06 (2006.01), H04B 7/08 (2006.01)
(86) PCT US2011/034887 de 03/05/2011
(87) WO 2011/143000 de 17/11/2011

(21) **BR 11 2012 029159-9 1.1**
(30) 30/06/2010 US 61/359,944; 16/07/2010 EP 10169846.2
(51) C03C 25/10 (2006.01), C08F 2/50 (2006.01), C09D 4/00 (2006.01), C09D 11/10 (2006.01), G03F 7/029 (2006.01), C07F 9/32 (2006.01), C04B 24/00 (2006.01)
(86) PCT US2011/041150 de 21/06/2011
(87) WO 2012/012067 de 26/01/2012

(21) **BR 11 2012 029161-0 1.1**
(30) 30/06/2010 US 61/359,941; 16/07/2010 EP 10169857.9
(51) C09D 133/08 (2006.01), C09D 4/00 (2006.01), C04B 41/63 (2006.01), C04B 41/48 (2006.01), C07F 9/50 (2006.01), C07F 9/53 (2006.01), C08K 5/50 (2006.01), C08J 3/28 (2006.01), C08F 2/46 (2006.01), C03C 17/00 (2006.01), C03C 25/00 (2006.01)
(86) PCT US2011/041158 de 21/06/2011
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(86) PCT ES2010/070324 de 14/05/2010
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(21) **BR 11 2012 029173-4 1.1**
(30) 21/05/2010 US 12/785,414
(51) H02K 49/00 (2006.01)
(86) PCT US2011/037441 de 20/05/2011
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(21) **BR 11 2012 029174-2 1.1**
(30) 18/05/2010 US 12/801,027
(51) F04C 2/14 (2006.01), F04C 11/00 (2006.01)
(86) PCT US2011/000564 de 30/03/2011
(87) WO 2011/146099 de 24/11/2011

(21) **BR 11 2012 029176-9 1.1**
(30) 14/05/2010 US 61/395,682; 13/05/2011 US 13/107,726
(51) B01D 53/00 (2006.01)
(86) PCT US2011/001094 de 17/06/2011
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(21) **BR 11 2012 029177-7 1.1**
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(51) C11D 3/00 (2006.01)
(86) PCT US2011/036503 de 13/05/2011
(87) WO 2011/143602 de 17/11/2011

(21) **BR 11 2012 029178-5 1.1**
(30) 19/05/2010 US 61/346,439
(51) H04N 21/458 (2011.01), H04N 21/472 (2011.01)
(86) PCT US2011/035060 de 03/05/2011
(87) WO 2011/146237 de 24/11/2011

(21) **BR 11 2012 029182-3 1.1**
(30) 15/05/2010 DE 10 2010 020 672.5; 05/08/2010 DE 10 2010 033 539.8
(51) B60T 1/10 (2006.01), B60T 17/02 (2006.01), B60K 6/12 (2006.01)
(86) PCT EP2011/001111 de 07/03/2011
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(21) **BR 11 2012 029183-1 1.1**
(30) 18/05/2010 US 61/345,854
(51) A47B 83/00 (2006.01)
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(87) WO 2011/146554 de 24/11/2011

(21) **BR 11 2012 029185-8 1.1**
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(51) B01F 3/12 (2006.01), B01F 15/04 (2006.01), B01F 3/00 (2006.01)
(86) PCT IB2011/052039 de 09/05/2011
(87) WO 2011/145023 de 24/11/2011

(21) **BR 11 2012 029186-6 1.1**
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(51) H04W 52/02 (2009.01)
(86) PCT US2011/036749 de 17/05/2011
(87) WO 2011/146435 de 24/11/2011

(21) **BR 11 2012 029187-4 1.1**
(30) 18/05/2010 US 61/345,684
(51) C10L 1/18 (2006.01), C10L 10/04 (2006.01), C10L 10/18 (2006.01)
(86) PCT US2011/035999 de 11/05/2011
(87) WO 2011/146289 de 24/11/2011

(21) **BR 11 2012 029202-1 1.1**
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(86) PCT FR2011/051185 de 25/05/2011
(87) WO 2011/151569 de 08/12/2011

(21) **BR 11 2012 029204-8 1.1**
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(51) H04W 72/04 (2009.01)
(86) PCT CN2010/000927 de 24/06/2010
(87) WO 2011/156939 de 22/12/2011

(21) **BR 11 2012 029217-0 1.1**
(30) 19/05/2010 JP 2010-115670; 19/05/2011 JP 2011-112795
(51) H04N 5/76 (2006.01), G11B 31/00 (2006.01), H04M 1/00 (2006.01), H04N 5/44 (2011.01), H04N 5/765 (2006.01), H04N 7/173 (2011.01)
(86) PCT JP2011/061584 de 19/05/2011
(87) WO 2011/145700 de 24/11/2011

(21) **BR 11 2012 029218-8 1.1**
(30) 19/05/2010 US 61/346,087
(51) C08F 293/00 (2006.01), A61K 8/90 (2006.01), A61Q 5/12 (2006.01), C08F 2/38 (2006.01)
(86) PCT EP2011/056206 de 19/04/2011
(87) WO 2011/144407 de 24/11/2011

(21) **BR 11 2012 029219-6 1.1**
(30) 21/05/2010 DE 10 2010 029 210.9
(51) F02N 11/08 (2006.01), B60L 11/18 (2006.01)
(86) PCT EP2011/057127 de 04/05/2011
(87) WO 2011/144450 de 24/11/2011

(21) **BR 11 2012 029235-8 1.1**
(30) 21/05/2010 FI 20105562
(51) A01N 25/02 (2006.01), A01N 25/24 (2006.01), A01N 55/08 (2006.01), A01N 65/00 (2009.01), C04B 41/46 (2006.01), C04B 41/47 (2006.01), C04B 41/50 (2006.01), C04B 41/62 (2006.01), D06M 13/50 (2006.01), D06M 15/17 (2006.01), C04B 41/82 (2006.01)
(86) PCT EP2011/058241 de 20/05/2011
(87) WO 2011/144729 de 24/11/2011

(21) **BR 11 2012 029236-6 1.1**
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(51) F16L 55/46 (2006.01)
(86) PCT NO2011/000153 de 16/05/2011
(87) WO 2011/145946 de 24/11/2011

(21) **BR 11 2012 029237-4 1.1**
(30) 17/05/2010 US 61/345,363; 07/06/2010 US 61/352,092
(51) C07D 453/02 (2006.01), A61K 31/439 (2006.01), A61P 25/00 (2006.01)
(86) PCT US2011/036844 de 17/05/2011
(87) WO 2011/146511 de 24/11/2011

(21) **BR 11 2012 029242-0 1.1**
(30) 16/03/2010 US 12/725,073
(51) C08L 33/06 (2006.01), C08J 3/20 (2006.01), A45D 31/00 (2006.01)
(86) PCT US2011/027703 de 09/03/2011
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(21) **BR 11 2012 029245-5 1.1**
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(51) G08B 13/22 (2006.01)
(86) PCT CN2011/074104 de 16/05/2011
(87) WO 2011/144009 de 24/11/2011

(21) **BR 11 2012 029247-1 1.1**
(51) E04B 1/94 (2006.01), F16L 59/02 (2006.01), H02G 3/04 (2006.01)
(86) PCT ES10/000215 de 18/06/2010
(87) WO 2011/157857 de 22/12/2011

(21) **BR 11 2012 029260-9 1.1**
(30) 19/05/2010 US 61/346,287
(51) F04B 53/00 (2006.01), F04B 39/00 (2006.01), F04B 9/04 (2006.01)
(86) PCT US2011/000893 de 19/05/2011
(87) WO 2011/146125 de 24/11/2011

(21) **BR 11 2012 029261-7 1.1**
(30) 19/05/2010 US 61/346,280
(51) F04B 9/04 (2006.01), F04B 39/00 (2006.01), F04B 17/00 (2006.01)
(86) PCT US2011/000894 de 19/05/2011
(87) WO 2011/146126 de 24/11/2011

(21) **BR 11 2012 029263-3 1.1**
(30) 21/05/2010 US 61/347,351; 23/06/2010 US 61/357,886; 23/06/2010 US 61/357,894
(51) A61B 18/12 (2006.01)
(86) PCT US2011/035253 de 04/05/2011
(87) WO 2011/146243 de 24/11/2011

(21) **BR 11 2012 029265-0 1.1**
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(51) B63B 35/30 (2006.01), E02F 5/10 (2006.01)
(86) PCT NL2011/050336 de 17/05/2011
(87) WO 2011/145935 de 24/11/2011

(21) **BR 11 2012 029266-8 1.1**
(30) 18/05/2010 JP 2010-114824; 18/05/2010 JP 2010-114823; 10/11/2010 JP PCT/JP2010/070058
(51) B02C 1/02 (2006.01), E02F 3/40 (2006.01)
(86) PCT JP2011/061349 de 17/05/2011
(87) WO 2011/145631 de 24/11/2011

(21) **BR 11 2012 029267-6 1.1**
(30) 17/05/2010 US 61/345343
(51) D21H 21/18 (2006.01)
(86) PCT US2011/036603 de 16/05/2011
(87) WO 2011/146367 de 24/11/2011

(21) **BR 11 2012 029269-2 1.1**
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(51) A23L 3/3463 (2006.01)
(86) PCT US2011/036809 de 17/05/2011
(87) WO 2011/146485 de 24/11/2011

(21) **BR 11 2012 029270-6 1.1**
(30) 18/05/2010 EP EP10005195.2
(51) A01P 3/00 (2006.01), A01P 7/04 (2006.01), A01N 25/02 (2006.01), A01N 33/20 (2006.01), A01N 43/653 (2006.01)
(86) PCT EP2011/001620 de 31/03/2011
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(21) **BR 11 2012 029271-4 1.1**
(30) 18/05/2010 US 61/345918
(51) C12P 7/00 (2006.01), C12P 1/02 (2006.01)
(86) PCT US2011/037020 de 18/05/2011
(87) WO 2011/146634 de 24/11/2011

(21) **BR 11 2012 029272-2 1.1**
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(51) C07D 417/14 (2006.01), A01N 43/78 (2006.01), C07D 471/14 (2006.01)
(86) PCT EP2011/057912 de 17/05/2011
(87) WO 2011/144586 de 24/11/2011

(21) **BR 11 2012 029274-9 1.1**
(30) 25/05/2010 FR 1054038
(51) F01D 15/10 (2006.01), F01D 15/08 (2006.01), F01D 15/12 (2006.01), F02C 7/32 (2006.01), F01D 25/16 (2006.01), F16C 21/00 (2006.01)
(86) PCT FR2011/051107 de 17/05/2011
(87) WO 2011/148078 de 01/12/2011

(21) **BR 11 2012 029275-7 1.1**
(51) B67D 1/00 (2006.01), B67D 1/04 (2006.01), B67D 1/08 (2006.01), B67D 1/12 (2006.01)
(86) PCT EP2010/003003 de 18/05/2010
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(21) **BR 11 2012 029276-5 1.1**
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(51) B01J 19/28 (2006.01), C10G 9/00 (2006.01)
(86) PCT CA2011/050207 de 18/04/2011
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(21) **BR 11 2012 029277-3 1.1**
(30) 19/05/2010 FR 1053881
(51) F02C 7/045 (2006.01), G10K 11/168 (2006.01), G10K 11/175 (2006.01), B64D 33/04 (2006.01), F02K 1/82 (2006.01)
(86) PCT FR2011/051062 de 12/05/2011
(87) WO 2011/144842 de 24/11/2011

(21) **BR 11 2012 029278-1 1.1**
(30) 18/05/2010 US 61/346002
(51) C02F 1/58 (2006.01), C02F 1/42 (2006.01), C02F 1/44 (2006.01), C02F 1/52 (2006.01), C02F 9/00 (2006.01), C01B 25/26 (2006.01)
(86) PCT CA2011/050311 de 18/05/2011
(87) WO 2011/143775 de 24/11/2011

(21) **BR 11 2012 029279-0 1.1**
(30) 18/05/2010 FR 1053815
(51) B62D 1/187 (2006.01)
(86) PCT FR2011/051100 de 17/05/2011
(87) WO 2011/144858 de 24/11/2011

(21) **BR 11 2012 029281-1 1.1**
(30) 17/05/2010 JP 2010-446602
(51) C07K 16/32 (2006.01), A61K 39/395 (2006.01), A61K 45/00 (2006.01), A61P 35/00 (2006.01), C12N 5/10 (2006.01), C12N 15/09 (2006.01), G01N 33/574 (2006.01), C12P 21/08 (2006.01)
(86) PCT JP2011/061709 de 17/05/2011
(87) WO 2011/145744 de 24/11/2011

(21) **BR 11 2012 029282-0 1.1**
(30) 04/06/2010 US 12/794,354
(51) E21B 31/06 (2006.01)
(86) PCT US11/038082 de 26/05/2011
(87) WO 2011/153058 de 08/12/2011

(21) **BR 11 2012 029284-6 1.1**
(30) 18/05/2010 US 61/345,815; 06/12/2010 US 61/420,080

(51) B65D 75/58 (2006.01), B65B 61/18 (2006.01)
(86) PCT US2011/036998 de 18/05/2011
(87) WO 2011/146616 de 24/11/2011

(21) **BR 11 2012 029326-5 1.1**
(30) 20/05/2010 US 61/346,504
(51) C07C 29/40 (2006.01), C07C 211/21 (2006.01), C07C 231/14 (2006.01), C07D 213/65 (2006.01)
(86) PCT SE2011/050630 de 19/05/2011
(87) WO 2011/146009 de 24/11/2011

(21) **BR 11 2012 029327-3 1.1**
(30) 18/05/2010 NO 20100718
(51) A01K 61/02 (2006.01)
(86) PCT NO2011/000144 de 05/05/2011
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(21) **BR 11 2012 029328-1 1.1**
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(51) C08J 9/16 (2006.01)
(86) PCT JP2011/057104 de 24/03/2011
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(21) **BR 11 2012 029329-0 1.1**
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(51) F16C 39/02 (2006.01), F16C 32/04 (2006.01), F16C 35/00 (2006.01), F16C 35/04 (2006.01), F16C 35/06 (2006.01), F16C 35/077 (2006.01), H02K 5/16 (2006.01), H02K 7/09 (2006.01)
(86) PCT US2011/036172 de 12/05/2011
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(21) **BR 11 2012 029330-3 1.1**
(51) H01R 4/30 (2006.01)
(86) PCT EP2010/003103 de 20/05/2010
(87) WO 2011/144225 de 24/11/2011

(21) **BR 11 2012 029331-1 1.1**
(30) 20/05/2010 NO 20100738
(51) F15B 21/14 (2006.01), B66C 13/02 (2006.01)
(86) PCT NO2011/000154 de 18/05/2011
(87) WO 2011/145947 de 24/11/2011

(21) **BR 11 2012 029332-0 1.1**
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(51) H04L 1/16 (2006.01), H04L 1/18 (2006.01), H04L 29/14 (2006.01), H04W 76/00 (2009.01), H04W 76/02 (2009.01), H04W 76/06 (2009.01)
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(87) WO 2011/146222 de 24/11/2011

(21) **BR 11 2012 029347-8 1.1**
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(51) F16H 25/04 (2006.01), F16H 33/08 (2006.01)
(86) PCT EP2011/058490 de 24/05/2011
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(21) **BR 11 2012 029355-9 1.1**
(30) 27/05/2010 US 61/349,012
(51) G06F 19/10 (2011.01)
(86) PCT US2011/029947 de 25/03/2011
(87) WO 2011/149584 de 01/12/2011

(21) **BR 11 2012 029378-8 1.1**
(30) 19/05/2010 US 61/346,075; 20/05/2010 US 61/346,588; 16/05/2011 US 10-2011-0045685
(51) H04L 12/24 (2006.01), H04L 29/02 (2006.01)
(86) PCT KR2011/003704 de 19/05/2011
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(21) **BR 11 2012 029379-6 1.1**
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(51) E21B 47/06 (2006.01), E21B 47/12 (2006.01), G01V 9/00 (2006.01)
(86) PCT US2011/037561 de 23/05/2011
(87) WO 2011/146923 de 24/11/2011

(21) **BR 11 2012 029386-9 1.1**
(30) 21/05/2010 JP 2010-117804
(51) G09G 3/36 (2006.01), G02F 1/133 (2006.01), G09G 3/20 (2006.01)
(86) PCT JP2011/051789 de 28/01/2011
(87) WO 2011/145360 de 24/11/2011

(21) **BR 11 2012 029389-3 1.1**
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(51) A01N 63/00 (2006.01), A01G 7/06 (2006.01)
(86) PCT EP2011/058270 de 20/05/2011
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(21) **BR 11 2012 029391-5 1.1**
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(51) A61M 25/00 (2006.01), A61B 6/00 (2006.01)
(86) PCT US2011/036996 de 18/05/2011
(87) WO 2011/146614 de 24/11/2011

(21) **BR 11 2012 029392-3 1.1**
(30) 20/05/2010 US 61/346,662
(51) A61K 31/5575 (2006.01), A61D 19/02 (2006.01), A61K 31/4196 (2006.01), A61P 15/08 (2006.01)
(86) PCT CA2011/000578 de 19/05/2011
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(21) **BR 11 2012 029394-0 1.1**
(51) F02D 15/04 (2006.01), F02D 13/02 (2006.01), F02D 15/00 (2006.01), F02D 43/00 (2006.01)
(86) PCT JP2010/059162 de 24/05/2010
(87) WO 2011/148514 de 01/12/2011

(21) **BR 11 2012 029395-8 1.1**
(30) 17/05/2010 US 61/345,461
(51) C07D 401/14 (2006.01), A61K 31/4545 (2006.01), A61P 3/10 (2006.01)
(86) PCT US2011/036443 de 13/05/2011
(87) WO 2011/146335 de 24/11/2011

(21) **BR 11 2012 029433-4 1.1**
(30) 20/05/2010 GB 1008467.1
(51) G01V 1/38 (2006.01), F16L 1/12 (2006.01)
(86) PCT GB2011/000764 de 19/05/2011
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(21) **BR 11 2012 029534-9 1.1**
(30) 23/05/2010 US 61/347,446
(51) F28D 15/00 (2006.01), H01L 23/34 (2006.01)
(86) PCT US11/037369 de 20/05/2011
(87) WO 2011/149780 de 01/12/2011

(21) **BR 11 2012 029540-3 1.1**
(30) 20/05/2010 US 12/784,182
(51) A62B 23/02 (2006.01), A62B 7/10 (2006.01), A62B 18/02 (2006.01), B01D 39/00 (2006.01)
(86) PCT US11/036076 de 11/05/2011
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(21) **BR 11 2012 029541-1 1.1**
(30) 25/05/2010 US 61/348,157
(51) C03C 17/30 (2006.01), A61L 2/16 (2006.01), C08J 7/04 (2006.01)
(86) PCT US11/037966 de 25/05/2011
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(21) **BR 11 2012 029549-7 1.1**
(30) 21/05/2010 US 61/347,209
(51) E21B 47/00 (2006.01), E21B 47/01 (2006.01), E21B 47/12 (2006.01), G01V 5/12 (2006.01)
(86) PCT US11/036387 de 13/05/2011
(87) WO 2011/146327 de 24/11/2011

(21) **BR 11 2012 029552-7 1.1**
(30) 21/05/2010 US 61/347,318
(51) E21B 10/30 (2006.01)
(86) PCT US11/037340 de 20/05/2011
(87) WO 2011/146836 de 24/11/2011

(21) **BR 11 2012 029586-1 1.1**
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(51) A61K 31/70 (2006.01)
(86) PCT US11/037330 de 20/05/2011
(87) WO 2011/146829 de 24/11/2011

(21) **BR 11 2012 029589-6 1.1**
(30) 22/05/2010 US 61/396,054
(51) E21B 43/16 (2006.01)
(86) PCT US11/037433 de 20/05/2011
(87) WO 2011/149789 de 01/12/2011

(21) **BR 11 2012 029590-0 1.1**
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(51) B29C 45/14 (2006.01), B62D 29/00 (2006.01), B29D 99/00 (2010.01), B29C 44/18 (2006.01)
(86) PCT EP11/058563 de 25/05/2011
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(21) **BR 11 2012 029591-8 1.1**
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(51) G01V 3/12 (2006.01)
(86) PCT US11/037429 de 20/05/2011
(87) WO 2011/146889 de 24/11/2011

(21) **BR 11 2012 029618-3 1.1**
(30) 21/05/2010 US 61/347,170
(51) C02F 3/32 (2006.01), A23B 7/10 (2006.01), A23K 1/00 (2006.01)
(86) PCT US11/037373 de 20/05/2011
(87) WO 2011/146856 de 24/11/2011

(21) **BR 11 2012 029619-1 1.1**
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(51) B01L 3/02 (2006.01), G01N 1/00 (2006.01)
(86) PCT JP11/002948 de 26/05/2011
(87) WO 2011/148643 de 01/12/2011

(21) **BR 11 2012 029620-5 1.1**
(30) 21/05/2010 US 61/347,285
(51) B65D 83/14 (2006.01), B65D 83/16 (2006.01)
(86) PCT US11/000906 de 20/05/2011
(87) WO 2011/146134 de 24/11/2011

(21) **BR 11 2012 029622-1 1.1**
(30) 20/05/2010 US 12/784,286
(51) A62C 35/68 (2006.01), E04B 9/00 (2006.01), F16L 3/24 (2006.01)
(86) PCT US11/037133 de 19/05/2011
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(21) **BR 11 2012 029623-0 1.1**
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(51) E05D 11/08 (2006.01), E05D 11/10 (2006.01), B60N 2/46 (2006.01)
(86) PCT US11/037422 de 20/05/2011
(87) WO 2011/146887 de 24/11/2011

(21) **BR 11 2012 029625-6 1.1**
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(51) G01M 1/12 (2006.01)
(86) PCT JP11/002734 de 17/05/2011
(87) WO 2011/145332 de 24/11/2011

(21) **BR 11 2012 029627-2 1.1**
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(51) H01R 13/00 (2006.01)
(86) PCT US11/037317 de 20/05/2011
(87) WO 2011/146822 de 24/11/2011

(21) **BR 11 2012 029628-0 1.1**
(30) 21/05/2010 US 61/347,222; 21/05/2010 EP 10163643.9
(51) A61K 9/127 (2006.01), A61K 9/16 (2006.01), A61K 31/337 (2006.01)
(86) PCT EP11/058275 de 20/05/2011
(87) WO 2011/144745 de 24/11/2011

(21) **BR 11 2012 029629-9 1.1**
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(51) G05D 23/13 (2006.01)
(86) PCT US11/037614 de 23/05/2011
(87) WO 2011/146941 de 24/11/2011

(21) **BR 11 2012 029632-9 1.1**
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(51) F41H 5/04 (2006.01), F41H 5/007 (2006.01), F41H 5/013 (2006.01)
(86) PCT US2011/037586 de 23/05/2011
(87) WO 2011/146931 de 24/11/2011

(21) **BR 11 2012 029635-3 1.1**
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(51) G05D 23/13 (2006.01)
(86) PCT US11/037617 de 23/05/2011
(87) WO 2011/146943 de 24/11/2011

(21) **BR 11 2012 029636-1 1.1**
(30) 20/05/2010 US 12784338
(51) A01G 7/00 (2006.01), C12M 3/00 (2006.01), C12M 1/00 (2006.01)
(86) PCT US2011/034812 de 02/05/2011
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(21) **BR 11 2012 029640-0 1.1**
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(51) C08F 10/00 (2006.01), C08F 2/00 (2006.01)
(86) PCT US11/036434 de 13/05/2011
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(21) **BR 11 2012 029641-8 1.1**
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(51) A47J 31/44 (2006.01)
(86) PCT EP11/058225 de 20/05/2011
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(21) **BR 11 2012 029643-4 1.1**
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(51) A61K 39/04 (2006.01), C12Q 1/68 (2006.01), G01N 33/569 (2006.01)
(86) PCT GB2011/050972 de 23/05/2011
(87) WO 2011/144951 de 24/11/2011

(21) **BR 11 2012 029645-0 1.1**
(51) F16K 37/00 (2006.01), F16K 51/02 (2006.01), B65D 81/20 (2006.01), B65D 85/18 (2006.01)
(86) PCT FR10/050989 de 21/05/2010
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(21) **BR 11 2012 029647-7 1.1**
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(51) C07D 403/14 (2006.01), A61K 31/506 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP11/058271 de 20/05/2011
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(21) **BR 11 2012 029648-5 1.1**
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(51) B01D 53/94 (2006.01), B01J 29/76 (2006.01)
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(21) **BR 11 2012 029650-7 1.1**
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(51) E21B 29/00 (2006.01), E21B 29/04 (2006.01), E21B 43/114 (2006.01)
(86) PCT US11/034468 de 29/04/2011
(87) WO 2011/146219 de 24/11/2011

(21) **BR 11 2012 029651-5 1.1**
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(51) A01D 69/08 (2006.01), A01F 12/40 (2006.01)
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(21) **BR 11 2012 029652-3 1.1**
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(51) H04W 24/10 (2009.01), H04W 68/00 (2009.01)
(86) PCT CN11/074219 de 18/05/2011
(87) WO 2011/144023 de 24/11/2011

(21) **BR 11 2012 029653-1 1.1**
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(51) A61K 9/107 (2006.01), A61K 31/519 (2006.01), A61K 47/10 (2006.01), A61K 9/00 (2006.01), A61K 47/06 (2006.01)
(86) PCT US2011/037291 de 20/05/2011
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(21) **BR 11 2012 029656-6 1.1**
(30) 21/05/2010 EP 10 163604.1
(51) C12N 15/113 (2010.01), A61K 31/7088 (2006.01), C12Q 1/68 (2006.01), A61P 19/08 (2006.01), A61P 9/00 (2006.01)
(86) PCT EP2011/058379 de 23/05/2011
(87) WO 2011/144761 de 24/11/2011

(21) **BR 11 2012 029657-4 1.1**
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(51) F24H 1/16 (2006.01), F24H 9/20 (2006.01)
(86) PCT EP2011/058248 de 20/05/2011
(87) WO 2011/144733 de 24/11/2011

(21) **BR 11 2012 029660-4 1.1**
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(51) G06F 17/30 (2006.01)
(86) PCT EP2011/058112 de 19/05/2011
(87) WO 2011/144686 de 24/11/2011

(21) **BR 11 2012 029661-2 1.1**
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(51) A47J 31/44 (2006.01), H01H 25/06 (2006.01)
(86) PCT EP2011/058223 de 20/05/2011
(87) WO 2011/144720 de 24/11/2011

(21) **BR 11 2012 029662-0 1.1**
(30) 20/05/2010 US 12784367
(51) E21B 43/12 (2006.01), E21B 34/06 (2006.01), E21B 21/08 (2006.01)
(86) PCT US2011/031684 de 08/04/2011
(87) WO 2011/146169 de 24/11/2011

(21) **BR 11 2012 029664-7 1.1**
(30) 26/05/2010 JP 2010-120764
(51) C08L 81/02 (2006.01), B29C 49/04 (2006.01), C08G 75/02 (2006.01), C08K 5/5435 (2006.01), C08L 23/02 (2006.01), B29L 22/00 (2006.01)
(86) PCT JP2011/061840 de 24/05/2011
(87) WO 2011/148929 de 01/12/2011

(21) **BR 11 2012 029666-3 1.1**
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(51) A61K 35/74 (2006.01), C07K 14/33 (2006.01)
(86) PCT US2011/037131 de 19/05/2011
(87) WO 2011/146704 de 24/11/2011

(21) **BR 11 2012 029668-0 1.1**
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(51) F03B 1/04 (2006.01)
(86) PCT EP2011/002067 de 21/04/2011
(87) WO 2011/160742 de 29/12/2011

(21) **BR 11 2012 029669-8 1.1**
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(51) A61K 8/90 (2006.01), A61Q 9/04 (2006.01), A61K 8/14 (2006.01), C11D 17/00 (2006.01)
(86) PCT GB2011/050914 de 12/05/2011
(87) WO 2011/144921 de 24/11/2011

(21) **BR 11 2012 029714-7 1.1**
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(51) C09K 21/14 (2006.01), C08L 23/00 (2006.01), C08K 3/34 (2006.01)
(86) PCT US2011/031248 de 05/04/2011
(87) WO 2011/149591 de 01/12/2011

(21) **BR 11 2012 029715-5 1.1**
(30) 28/05/2010 US 61/349,697; 15/07/2010 US 61/364,729; 03/12/2010 US 61/419,685
(51) F24J 2/38 (2006.01)
(86) PCT US2011/038412 de 27/05/2011
(87) WO 2011/150373 de 01/12/2011

(21) **BR 11 2012 029741-4 1.1**
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(51) C11D 3/37 (2006.01), C11D 3/00 (2006.01)
(86) PCT FR2011/051208 de 27/05/2011
(87) WO 2011/148110 de 01/12/2011

(21) **BR 11 2012 029744-9 1.1**
(30) 26/05/2010 JP 2010-120578
(51) C08J 3/22 (2006.01), C08K 5/09 (2006.01), C08K 5/134 (2006.01), C08K 5/1575 (2006.01), C08K 5/3432 (2006.01), C08K 5/523 (2006.01), C08L 101/00 (2006.01)
(86) PCT JP2011/061620 de 20/05/2011
(87) WO 2011/148868 de 01/12/2011

(21) **BR 11 2012 029750-3 1.1**
(30) 25/06/2010 US 61358540
(51) F16D 7/00 (2006.01), B60K 25/00 (2006.01), F16D 13/12 (2006.01), F16F 15/123 (2006.01), F16H 55/36 (2006.01), F16H 7/20 (2006.01), F02B 67/06 (2006.01)
(86) PCT CA2011/000726 de 22/06/2011
(87) WO 2011/160208 de 29/12/2011

(21) **BR 11 2012 029751-1 1.1**
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(51) C12M 1/00 (2006.01), B65G 33/00 (2006.01), D21B 1/36 (2006.01)
(86) PCT EP2011/053864 de 15/03/2011
(87) WO 2011/147601 de 01/12/2011

(21) **BR 11 2012 029752-0 1.1**
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(51) C08F 8/30 (2006.01)
(86) PCT US2011/037541 de 23/05/2011
(87) WO 2011/149830 de 01/12/2011

(21) **BR 11 2012 029753-8 1.1**
(30) 27/05/2010 EP 101641884
(51) C08G 18/40 (2006.01), C08G 18/42 (2006.01), C08G 18/44 (2006.01), C08G 18/63 (2006.01), B01J 20/22 (2006.01), B01J 20/26 (2006.01), C02F 1/00 (2006.01), C02F 1/68 (2006.01)
(86) PCT EP2011/058051 de 18/05/2011
(87) WO 2011/147724 de 01/12/2011

(21) **BR 11 2012 029755-4 1.1**
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(51) B23F 23/00 (2006.01), B23F 5/02 (2006.01)
(86) PCT JP2011/063538 de 13/06/2011
(87) WO 2011/158807 de 22/12/2011

(21) **BR 11 2012 029757-0 1.1**
(51) C08G 18/32 (2006.01), C08G 18/42 (2006.01), C08G 18/76 (2006.01), C09D 175/04 (2006.01), C09D 175/06 (2006.01), B65D 25/14 (2006.01)
(86) PCT US2010/035955 de 24/05/2010
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(30) 25/05/2010 JP 2010119218
(51) B23K 1/00 (2006.01), B23K 1/19 (2006.01), B23K 35/363 (2006.01), C22C 21/00 (2006.01), C22F 1/04 (2006.01), F28F 1/30 (2006.01), F28F 21/08 (2006.01), B23K 101/14 (2006.01), B23K 103/10 (2006.01), C22F 1/00 (2006.01)
(86) PCT JP2011/060729 de 10/05/2011
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(21) **BR 11 2012 029767-8 1.1**
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(51) C07C 31/08 (2006.01), C07C 31/10 (2006.01), C10L 1/00 (2006.01)
(86) PCT US11/046502 de 03/08/2011
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(21) **BR 11 2012 029768-6 1.1**
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(51) H04L 12/58 (2006.01)
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(87) WO 2011/147219 de 01/12/2011

(21) **BR 11 2012 029769-4 1.1**
(30) 25/05/2010 EP 10005425.3
(51) G01N 33/543 (2006.01), G01N 33/74 (2006.01), G01N 33/542 (2006.01)
(86) PCT EP11/002586 de 25/05/2011
(87) WO 2011/147563 de 01/12/2011

(21) **BR 11 2012 029770-8 1.1**
(30) 27/05/2010 DE 10 2010 029 357.1
(51) B65D 5/74 (2006.01), B31B 1/84 (2006.01), B65B 61/18 (2006.01), B32B 38/04 (2006.01)
(86) PCT EP11/058630 de 26/05/2011
(87) WO 2011/147908 de 01/12/2011

(21) **BR 11 2012 029795-3 1.1**
(30) 25/05/2010 FI 20105585
(51) C10G 3/00 (2006.01), C10G 45/60 (2006.01)
(86) PCT FI2011/050461 de 23/05/2011
(87) WO 2011/148045 de 01/12/2011

(21) **BR 11 2012 029799-6 1.1**
(51) H04W 36/30 (2009.01)
(86) PCT CN2010/073825 de 11/06/2010
(87) WO 2011/153709 de 15/12/2011

(21) **BR 11 2012 029800-3 1.1**
(51) H04W 8/00 (2009.01)
(86) PCT CN2010/073976 de 13/06/2010
(87) WO 2011/156954 de 22/12/2011

(21) **BR 11 2012 029801-1 1.1**
(30) 25/05/2010 AU 2010902284; 04/06/2010 AU 2010902469
(51) B01D 21/00 (2006.01), B03D 3/00 (2006.01)
(86) PCT AU2011/000633 de 25/05/2010
(87) WO 2011/146991 de 01/12/2011

(21) **BR 11 2012 029804-6 1.1**
(30) 26/05/2010 US 61/348,564
(51) E21B 7/06 (2006.01)
(86) PCT IB2011/051983 de 04/05/2011
(87) WO 2011/148285 de 01/12/2011

(21) **BR 11 2012 029805-4 1.1**
(30) 24/05/2010 US 61/347,771
(51) G01V 3/26 (2006.01), E21B 47/022 (2006.01), E21B 47/00 (2006.01), G01V 3/18 (2006.01)
(86) PCT US2011/037042 de 18/05/2011
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(21) **BR 11 2012 029811-9 1.1**
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(51) B29C 35/08 (2006.01), H05B 6/00 (2006.01)
(86) PCT US2011/037391 de 20/05/2011
(87) WO 2011/149782 de 01/12/2011

(21) **BR 11 2012 029812-7 1.1**
(30) 26/05/2010 FR 1002233
(51) A61K 8/25 (2006.01), A61K 8/49 (2006.01), A61Q 1/00 (2006.01), A61Q 1/02 (2006.01)
(86) PCT IB2011/052280 de 25/05/2011
(87) WO 2011/148327 de 01/12/2011

(21) **BR 11 2012 029813-5 1.1**
(30) 26/05/2010 US 61/348,709
(51) H01L 31/036 (2006.01), H01L 31/0392 (2006.01), H01L 31/052 (2006.01)
(86) PCT US2011/038257 de 26/05/2011
(87) WO 2011/150290 de 01/12/2011

(21) **BR 11 2012 029818-6 1.1**
(30) 27/05/2010 CH 00837/10
(51) G07F 17/32 (2006.01), A63F 3/06 (2006.01), G07C 15/00 (2006.01)
(86) PCT IB2011/001074 de 18/05/2011
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(21) **BR 11 2012 029819-4 1.1**

(30) 25/05/2010 GB 1008690.8
(51) B64C 25/34 (2006.01), B64C 25/50 (2006.01)
(86) PCT GB2011/050950 de 19/05/2011
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(21) **BR 11 2012 029825-9 1.1**
(30) 25/05/2010 US 12/787,027
(51) B31B 49/04 (2006.01), B65D 30/00 (2006.01)
(86) PCT US2011/037746 de 24/05/2011
(87) WO 2011/149939 de 01/12/2011

(21) **BR 11 2012 029826-7 1.1**
(30) 26/05/2012 DE 102010021637.2; 22/07/2012 EP 10170413.8
(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 9/00 (2006.01), A61P 15/00 (2006.01)
(86) PCT EP2011/058433 de 24/05/2011
(87) WO 2011/147810 de 01/12/2011

(21) **BR 11 2012 029834-8 1.1**
(30) 25/05/2010 JP 2010-119158
(51) B21D 5/01 (2006.01), B21D 1/10 (2006.01), B21D 22/26 (2006.01), B21D 24/00 (2006.01)
(86) PCT JP2011/061720 de 23/05/2011
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(21) **BR 11 2012 029837-2 1.1**
(30) 25/05/2010 US 61/348,106; 25/05/2010 EP 10005420.4
(51) C09B 3/20 (2006.01), C09B 69/10 (2006.01), C09D 11/00 (2006.01)
(86) PCT EP2011/058519 de 25/05/2011
(87) WO 2011/147857 de 01/12/2011

(21) **BR 11 2012 029843-7 1.1**
(30) 25/05/2010 EP 10163747.8
(51) C08F 210/16 (2006.01), C08F 4/653 (2006.01)
(86) PCT EP2011/058130 de 19/05/2011
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(21) **BR 11 2012 029844-5 1.1**
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(51) C07D 277/00 (2006.01)
(86) PCT US2011/037752 de 24/05/2011
(87) WO 2011/149945 de 01/12/2011

(21) **BR 11 2012 029859-3 1.1**
(30) 25/05/2010 DE 102010029289.3
(51) C21C 5/52 (2006.01), F27D 19/00 (2006.01), F27D 21/00 (2006.01), F27B 3/28 (2006.01), F27B 3/24 (2006.01), F27D 1/12 (2006.01), C21C 5/46 (2006.01)
(86) PCT EP2011/058558 de 25/05/2011
(87) WO 2011/147869 de 01/12/2011

(21) **BR 11 2012 029861-5 1.1**
(30) 25/05/2010 JP 2010-119482
(51) C21D 8/12 (2006.01), B21B 3/02 (2006.01), C22C 38/00 (2006.01), C22C 38/60 (2006.01), H01F 1/16 (2006.01)
(86) PCT JP2011/061510 de 19/05/2011
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(21) **BR 11 2012 029863-1 1.1**
(30) 25/05/2010 EP PCT/EP2010/003164
(51) F24J 2/54 (2006.01)
(86) PCT EP2010/006063 de 05/10/2010
(87) WO 2011/147437 de 01/12/2011

(21) **BR 11 2012 029864-0 1.1**
(30) 27/05/2010 EP 10 164137.1
(51) A47J 31/52 (2006.01)
(86) PCT EP2011/058458 de 24/05/2011
(87) WO 2011/147821 de 01/12/2011

(21) **BR 11 2012 029868-2 1.1**
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(51) B65B 61/18 (2006.01), B31B 1/84 (2006.01)
(86) PCT EP2011/058623 de 26/05/2011
(87) WO 2011/147905 de 01/12/2011

(21) **BR 11 2012 029870-4 1.1**
(30) 26/05/2010 FR 10/02227; 09/06/2010 US 61/352,914
(51) A61K 8/81 (2006.01), A61K 8/898 (2006.01), A61Q 1/02 (2006.01), A61Q 1/04 (2006.01), A61Q 1/06 (2006.01)
(86) PCT EP2011/057785 de 13/05/2011
(87) WO 2011/147697 de 01/12/2011

(21) **BR 11 2012 029872-0 1.1**
(30) 24/05/2010 JP 2010-118754
(51) B62D 5/04 (2006.01), B62D 6/00 (2006.01)
(86) PCT IB2011/001089 de 20/05/2011
(87) WO 2011/148240 de 01/12/2011

(21) **BR 11 2012 029878-0 1.1**
(30) 27/05/2010 JP 2010-121096
(51) F25B 39/00 (2006.01), F25B 1/00 (2006.01)
(86) PCT JP2011/002369 de 22/04/2011
(87) WO 2011/148567 de 01/12/2011

(21) **BR 11 2012 029881-0 1.1**
(30) 25/05/2010 EP 10305546.3
(51) A61K 39/42 (2006.01), A61P 31/14 (2006.01)
(86) PCT EP2011/058538 de 25/05/2011
(87) WO 2011/147863 de 01/12/2011

(21) **BR 11 2012 029885-2 1.1**
(30) 21/06/2011 JP 2011-137715; 21/03/2012 JP 2012-063762
(51) C08L 7/00 (2006.01), B60C 1/00 (2006.01), C08K 3/04 (2006.01), C08L 9/00 (2006.01), C08L 81/02 (2006.01)
(86) PCT JP2012/059993 de 12/04/2012
(87) WO 2012/176538 de 27/12/2012

(21) **BR 11 2012 029888-7 1.1**
(30) 25/05/2010 US 12/787,271
(51) A24F 47/00 (2006.01), B65D 83/14 (2006.01), A61M 15/00 (2006.01), A61M 15/06 (2006.01)
(86) PCT EP2011/057603 de 11/05/2011
(87) WO 2011/147687 de 01/12/2011

(21) **BR 11 2012 029889-5 1.1**
(30) 25/05/2010 US 12/787,259
(51) A61M 15/00 (2006.01), A61M 15/06 (2006.01), A24F 47/00 (2006.01)
(86) PCT EP2011/057693 de 12/05/2011
(87) WO 2011/147691 de 01/12/2011

(21) **BR 11 2012 029890-9 1.1**
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(51) H01L 31/042 (2006.01), H01L 31/05 (2006.01)
(86) PCT EP2011/002660 de 30/05/2011
(87) WO 2011/151048 de 08/12/2011

(21) **BR 11 2012 029901-8 1.1**
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(51) A63H 27/10 (2006.01), B64B 1/44 (2006.01)
(86) PCT IL2011/000403 de 24/05/2011
(87) WO 2011/148373 de 01/12/2011

(21) **BR 11 2012 029903-4 1.1**
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(51) G06F 17/30 (2006.01), G06F 3/048 (2013.01)
(86) PCT US2011/035789 de 09/05/2011
(87) WO 2011/149646 de 01/12/2011

(21) **BR 11 2012 029904-2 1.1**
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(51) A61K 38/00 (2006.01), G01N 30/02 (2006.01), G01N 31/00 (2006.01)
(86) PCT US2011/037977 de 25/05/2011
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(21) **BR 11 2012 029905-0 1.1**
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(51) C07H 17/08 (2006.01), A61K 31/7048 (2006.01), A61P 31/04 (2006.01), A61P 31/10 (2006.01), C12P 19/62 (2006.01)
(86) PCT CN2011/074658 de 25/05/2011
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(21) **BR 11 2012 029910-7 1.1**
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(51) B31B 1/14 (2006.01), B26D 1/02 (2006.01)
(86) PCT JP2011/061871 de 24/05/2011
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(21) **BR 11 2012 029912-3 1.1**
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(51) A61K 39/00 (2006.01)
(86) PCT US2011/038218 de 26/05/2011
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(21) **BR 11 2012 029913-1 1.1**
(30) 25/05/2010 CN 201010182111.0; 25/05/2010 CN 201010182108.9; 25/05/2010 CN 201010182109.3
(51) C07H 17/08 (2006.01), A61K 31/7048 (2006.01), A61P 31/04 (2006.01), A61P 31/10 (2006.01), C12P 19/62 (2006.01)
(86) PCT CN2011/074644 de 25/05/2011
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(51) A61K 39/385 (2006.01)
(86) PCT US2011/038200 de 26/05/2011
(87) WO 2011/150249 de 01/12/2011

(21) **BR 11 2012 029916-6 1.1**
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(51) C10L 1/22 (2006.01), C10L 10/18 (2006.01)
(86) PCT US2011/037491 de 23/05/2011
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(21) **BR 11 2012 029918-2 1.1**
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(51) A61F 13/15 (2006.01), B05C 19/04 (2006.01)
(86) PCT US2011/039417 de 07/06/2011
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(51) H04W 72/02 (2009.01), H04W 72/04 (2009.01), H04W 88/12 (2009.01), H04W 88/14 (2009.01)
(86) PCT US2011/037306 de 20/05/2011
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(51) B31F 1/07 (2006.01)
(86) PCT IT11/000167 de 20/05/2011
(87) WO 2011/148403 de 01/12/2011

(21) **BR 11 2012 029925-5 1.1**
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(51) C04B 28/00 (2006.01), C08J 7/04 (2006.01), C08K 3/36 (2006.01), C09D 4/00 (2006.01), C09D 183/04 (2006.01), C09J 5/02 (2006.01)
(86) PCT EP11/053287 de 04/03/2011
(87) WO 2011/147599 de 01/12/2011

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(86) PCT EP10/057112 de 25/05/2010
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(51) F16K 27/02 (2006.01)
(86) PCT US2011/036853 de 17/05/2011
(87) WO 2011/149719 de 01/12/2011

(21) **BR 11 2012 029942-5 1.1**
(51) F16K 25/04 (2006.01), F16K 1/26 (2006.01), F16K 3/22 (2006.01)
(86) PCT CN2010/073212 de 25/05/2010
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(21) **BR 11 2012 029943-3 1.1**
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(51) B26D 5/02 (2006.01), B26F 1/02 (2006.01)
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(21) **BR 11 2012 029944-1 1.1**
(30) 25/06/2010 EP 10006621.6
(51) C07C 51/41 (2006.01), C07C 59/48 (2006.01), C07C 59/56 (2006.01), C07C 59/64 (2006.01), C07C 213/10 (2006.01), C07C 217/94 (2006.01), C07C 269/08 (2006.01), C07C 271/30 (2006.01), C07D 209/34 (2006.01)
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(87) WO 2011/161255 de 29/12/2011

(21) **BR 11 2012 029945-0 1.1**
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(51) A61K 36/47 (2006.01), A61K 36/61 (2006.01), A61P 17/02 (2006.01)
(86) PCT IB2011/001137 de 25/05/2011
(87) WO 2011/148257 de 01/12/2011

(21) **BR 11 2012 029946-8 1.1**
(51) A61K 8/11 (2006.01), A61K 8/21 (2006.01), A61K 8/365 (2006.01), A61K 8/44 (2006.01), A61K 8/49 (2006.01), A61K 8/60 (2006.01), A61K 8/73 (2006.01), A61Q 11/00 (2006.01)
(86) PCT US2010/039673 de 23/06/2010
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(21) **BR 11 2012 029947-6 1.1**
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(51) C09K 8/58 (2006.01), E21B 43/16 (2006.01)
(86) PCT US2011/037903 de 25/05/2011
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(21) **BR 11 2012 029948-4 1.1**

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(51) F16K 31/126 (2006.01)
(86) PCT US2011/036851 de 17/05/2011
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(21) **BR 11 2012 029953-0 1.1**
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(51) E05B 65/20 (2006.01), B60J 5/00 (2006.01), B60R 25/00 (2013.01)
(86) PCT JP11/055634 de 10/03/2011
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(21) **BR 11 2012 029954-9 1.1**
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(51) C08G 69/36 (2006.01)
(86) PCT JP11/053922 de 23/02/2011
(87) WO 2011/148682 de 01/12/2011

(21) **BR 11 2012 029955-7 1.1**
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(51) G01R 33/381 (2006.01), H01F 5/02 (2006.01), G01R 33/3815 (2006.01)
(86) PCT GB11/050963 de 23/05/2011
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(51) H02K 3/28 (2006.01)
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(21) **BR 11 2012 029957-3 1.1**
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(51) C08F 10/00 (2006.01), C08F 2/34 (2006.01), C08F 10/08 (2006.01), C08F 10/14 (2006.01)
(86) PCT EP11/002386 de 12/05/2011
(87) WO 2011/147539 de 01/12/2011

(21) **BR 11 2012 029958-1 1.1**
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(51) B01L 3/00 (2006.01), B01L 3/14 (2006.01)
(86) PCT FI11/050473 de 24/05/2011
(87) WO 2011/148055 de 01/12/2011

(21) **BR 11 2012 029959-0 1.1**
(51) A61K 8/42 (2006.01), A61Q 5/08 (2006.01), A61Q 19/02 (2006.01)
(86) PCT EP10/057119 de 25/05/2010
(87) WO 2010/097480 de 02/09/2010

(21) **BR 11 2012 029960-3 1.1**
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(51) B23B 5/32 (2006.01)
(86) PCT DE11/001092 de 20/05/2011
(87) WO 2011/147406 de 01/12/2011

(21) **BR 11 2012 029961-1 1.1**
(51) A61K 8/42 (2006.01), A61Q 5/08 (2006.01), A61Q 19/02 (2006.01), C08B 37/00 (2006.01)
(86) PCT EP10/057115 de 25/05/2010
(87) WO 2010/122178 de 28/10/2010

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(51) C10G 3/00 (2006.01)
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(51) A43B 1/10 (2006.01), A43B 1/14 (2006.01), A43B 9/00 (2006.01), A43B 23/04 (2006.01), A43B 7/08 (2006.01)
(86) PCT EP10/068565 de 30/11/2010
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(51) A01D 34/68 (2006.01)
(86) PCT JP11/062098 de 26/05/2011
(87) WO 2011/155339 de 15/12/2011

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(51) B29C 47/92 (2006.01), B29C 41/26 (2006.01), B29C 41/52 (2006.01), B29C 47/02 (2006.01)
(86) PCT US10/036412 de 27/04/2010
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(51) A61K 9/00 (2006.01), A61K 9/06 (2006.01), A61K 9/20 (2006.01), A61K 31/167 (2006.01), A61K 31/192 (2006.01), A61K 47/42 (2006.01), A23L 1/00 (2006.01), A23L 1/01 (2006.01), A23L 1/0562 (2006.01), A23L 1/187 (2006.01), B01J 13/00 (2006.01)
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(21) **BR 11 2012 030025-3 1.1**
(30) 25/05/2010 US 61/348,085; 25/05/2010 US 61/348,065; 25/05/2010 US 61/348,045
(51) C07K 14/62 (2006.01)
(86) PCT AU2011/000614 de 25/05/2011
(87) WO 2011/146973 de 01/12/2011

(21) **BR 11 2012 030028-8 1.1**
(30) 25/05/2010 BE 2010/0311
(51) G02B 5/20 (2006.01), G02B 5/08 (2006.01), B32B 17/10 (2006.01), C03C 17/36 (2006.01)
(86) PCT EP2011/058569 de 25/05/2011
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(51) C12N 9/86 (2006.01), C12N 15/55 (2006.01), C12N 15/75 (2006.01), A61K 38/46 (2006.01), C12N 1/21 (2006.01), A61P 1/12 (2006.01)
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(51) F04B 9/08 (2006.01), F04B 13/00 (2006.01), F04B 39/12 (2006.01), F04B 39/00 (2006.01)
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(87) WO 2011/150099 de 01/12/2011

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(51) C09J 163/10 (2006.01), C09J 11/04 (2006.01), C09J 9/02 (2006.01)
(86) PCT CA2011/000599 de 26/05/2011
(87) WO 2011/147016 de 01/12/2011

(21) **BR 11 2012 030032-6 1.1**
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(51) D06F 5/00 (2006.01), D06F 1/00 (2006.01)
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(87) WO 2011/146965 de 01/12/2011

(21) **BR 11 2012 030033-4 1.1**
(30) 25/05/2010 BE 2010/0310
(51) G02B 5/20 (2006.01), G02B 5/22 (2006.01), G02B 5/26 (2006.01), G02B 5/08 (2006.01), C03C 17/36 (2006.01), B32B 17/10 (2006.01)
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(51) B65B 55/00 (2006.01), B67C 7/00 (2006.01)
(86) PCT JP11/061907 de 24/05/2011
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(21) **BR 11 2012 030036-9 1.1**
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(51) C08L 23/00 (2006.01), H01L 31/00 (2006.01), C08F 210/02 (2006.01)
(86) PCT US2011/038116 de 26/05/2011
(87) WO 2011/150193 de 01/12/2011

(21) **BR 11 2012 030037-7 1.1**
(51) A61K 6/00 (2006.01), A61K 8/25 (2006.01), A61K 8/44 (2006.01), A61K 9/00 (2006.01), A61Q 11/00 (2006.01)
(86) PCT US2010/039677 de 23/06/2010
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(21) **BR 11 2012 030038-5 1.1**
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(51) B29C 49/74 (2006.01), B29C 49/50 (2006.01), B29C 49/76 (2006.01)
(86) PCT US2011/036168 de 12/05/2011
(87) WO 2011/149679 de 01/12/2011

(21) **BR 11 2012 030039-3 1.1**
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(51) G06F 3/041 (2006.01), G06F 3/048 (2013.01)
(86) PCT KR11/003765 de 23/05/2011
(87) WO 2011/149231 de 01/12/2011

(21) **BR 11 2012 030040-7 1.1**
(30) 08/06/2010 FR 1054514
(51) B01D 61/18 (2006.01), B01D 61/20 (2006.01), A61M 1/28 (2006.01), F01L 15/00 (2006.01), F04B 43/08 (2006.01)
(86) PCT IB2011/052447 de 03/06/2011
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(21) **BR 11 2012 030041-5 1.1**
(30) 25/05/2010 US 12787257
(51) A61M 15/00 (2006.01), A61M 15/06 (2006.01), A24F 47/00 (2006.01), B05B 11/00 (2006.01)
(86) PCT EP2011/057945 de 17/05/2011
(87) WO 2011/147714 de 01/12/2011

(21) **BR 11 2012 030043-1 1.1**
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(51) A24F 47/00 (2006.01), A61M 15/00 (2006.01)
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(87) WO 2011/147699 de 01/12/2011

(21) **BR 11 2012 030044-0 1.1**
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(51) F01D 5/28 (2006.01), G01N 25/72 (2006.01)
(86) PCT FR2011/051227 de 27/05/2011
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(21) **BR 11 2012 030045-8 1.1**
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(51) A61F 2/40 (2006.01), A61F 2/46 (2006.01), A61B 17/86 (2006.01), A61L 24/00 (2006.01), A61L 27/54 (2006.01), A61B 18/00 (2006.01), A61B 18/04 (2006.01), A61L 27/04 (2006.01), A61L 27/14 (2006.01)
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(51) H03K 17/955 (2006.01), B60R 25/102 (2013.01), G08B 13/26 (2006.01)
(86) PCT SE2011/050697 de 07/06/2011
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(21) **BR 11 2012 030049-0 1.1**
(30) 28/05/2010 US 61/349,429
(51) C01B 25/14 (2006.01), C09C 3/08 (2006.01), C08K 9/10 (2006.01), C08L 95/00 (2006.01)
(86) PCT US2011/037884 de 25/05/2011
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(21) **BR 11 2012 030050-4 1.1**
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(51) B01D 61/18 (2006.01), B01D 61/20 (2006.01), A61M 1/28 (2006.01), F01L 15/00 (2006.01)
(86) PCT IB2011/052448 de 03/06/2011
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(21) **BR 11 2012 030053-9 1.1**
(30) 25/05/2010 GB 1008637.9; 31/01/2011 GB 11016193
(51) A61B 1/00 (2006.01), A61B 1/32 (2006.01), A61M 29/00 (2006.01), A61B 1/31 (2006.01), A61M 25/04 (2006.01), A61B 1/01 (2006.01)
(86) PCT GB11/050981 de 24/05/2011
(87) WO 2011/148172 de 01/12/2011

(21) **BR 11 2012 030055-5 1.1**
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(51) B23K 26/36 (2006.01), B23K 26/08 (2006.01), B23K 26/06 (2006.01), B23K 26/10 (2006.01), B23K 26/067 (2006.01), B23D 31/00 (2006.01), F16C 9/04 (2006.01), H01S 3/067 (2006.01)
(86) PCT EP11/058254 de 20/05/2011
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(51) A23L 1/22 (2006.01)
(86) PCT IB2011/052292 de 26/05/2011
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(21) **BR 11 2012 030065-2 1.1**
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(51) B29D 11/00 (2006.01), B42D 15/00 (2006.01), G02B 6/10 (2006.01)
(86) PCT EP2011/002119 de 28/04/2011
(87) WO 2011/147520 de 01/12/2011

(21) **BR 11 2012 030067-9 1.1**
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(51) E21B 47/024 (2006.01), E21B 47/00 (2006.01)
(86) PCT AU2011/000632 de 25/05/2011
(87) WO 2011/146990 de 01/12/2011

(21) **BR 11 2012 030069-5 1.1**
(30) 25/05/2010 AU 2010902277
(51) G01C 19/04 (2006.01), E21B 47/024 (2006.01)
(86) PCT AU2011/000628 de 25/08/2011
(87) WO 2011/146986 de 01/12/2011

(21) **BR 11 2012 030083-0 1.1**
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(51) C07K 14/33 (2006.01), C12N 15/09 (2006.01), C12N 15/75 (2006.01)
(86) PCT US2011/038358 de 27/05/2011
(87) WO 2011/150342 de 01/12/2011

(21) **BR 11 2012 030085-7 1.1**
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(51) C08G 18/08 (2006.01), C08G 18/10 (2006.01), C08G 18/18 (2006.01), C08G 18/42 (2006.01), C08G 18/79 (2006.01), C08J 5/04 (2006.01)
(86) PCT EP2011/057658 de 12/05/2011
(87) WO 2011/147688 de 01/12/2011

(21) **BR 11 2012 030087-3 1.1**
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(51) B63B 35/44 (2006.01), B63B 22/18 (2006.01), B63B 21/00 (2006.01), B63B 27/24 (2006.01)
(86) PCT US2011/036081 de 11/05/2011
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(21) **BR 11 2012 030088-1 1.1**
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(51) B41J 2/19 (2006.01)
(86) PCT GB2011/051115 de 15/06/2011
(87) WO 2012/001386 de 05/01/2012

(21) **BR 11 2012 030089-0 1.1**
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(86) PCT US2011/039498 de 07/06/2011
(87) WO 2011/156411 de 15/12/2011

(21) **BR 11 2012 030095-4 1.1**
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(51) B64C 27/10 (2006.01)
(86) PCT JP2011/004681 de 23/08/2011
(87) WO 2012/026112 de 01/03/2012

(21) **BR 11 2012 030096-2 1.1**
(30) 08/06/2010 JP 2010-131276
(51) C22C 38/00 (2006.01), C22C 38/28 (2006.01), C22C 38/32 (2006.01), C21C 7/04 (2006.01), C21C 7/06 (2006.01)
(86) PCT JP2011/002897 de 25/05/2011
(87) WO 2011/155140 de 15/12/2011

(21) **BR 11 2012 030099-7 1.1**
(30) 28/05/2010 US 61/349,564; 29/04/2011 US 13,0197,147
(51) E21B 43/267 (2006.01), C09K 8/62 (2006.01), B01F 3/08 (2006.01)
(86) PCT IB2011/051930 de 02/05/2011
(87) WO 2011/148282 de 01/12/2011

(21) **BR 11 2012 030100-4 1.1**
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(51) G06K 19/07 (2006.01), G06K 19/073 (2006.01), G06K 19/077 (2006.01)
(86) PCT EP2011/058914 de 31/05/2011
(87) WO 2011/151309 de 08/12/2011

(21) **BR 11 2012 030106-3 1.1**
(30) 28/05/2010 US 12/790,483
(51) G06F 7/556 (2006.01)
(86) PCT US2011/036566 de 14/05/2011
(87) WO 2011/149692 de 01/12/2011

(21) **BR 11 2012 030116-0 1.1**
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(51) B01J 8/24 (2006.01), B01J 8/38 (2006.01), C08F 2/34 (2006.01)
(86) PCT US2011/037293 de 20/05/2011
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(21) **BR 11 2012 030117-9 1.1**
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(51) A23L 1/29 (2006.01), A23L 1/30 (2006.01), A23L 1/308 (2006.01)
(86) PCT EP2011/058537 de 25/05/2011
(87) WO 2011/147862 de 01/12/2011

(21) **BR 11 2012 030118-7 1.1**
(30) 27/05/2010 EP 100054832
(51) F24C 15/02 (2006.01), H01H 15/10 (2006.01)
(86) PCT EP2011/002341 de 12/05/2011
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(21) **BR 11 2012 030119-5 1.1**
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(51) B31D 5/00 (2006.01), B65H 5/24 (2006.01)
(86) PCT US2011/036917 de 18/05/2011
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(21) **BR 11 2012 030120-9 1.1**
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(51) G01N 33/50 (2006.01), C12Q 1/68 (2006.01)
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(21) **BR 11 2012 030121-7 1.1**
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(51) F17C 9/04 (2006.01)
(86) PCT US2011/037681 de 24/05/2011
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(21) **BR 11 2012 030122-5 1.1**
(30) 28/05/2010 EP 101642932
(51) C07D 231/14 (2006.01), C07D 231/16 (2006.01), C07C 239/20 (2006.01), A01N 43/56 (2006.01)
(86) PCT EP2011/057682 de 12/05/2011
(87) WO 2011/147690 de 01/12/2011

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(51) B24B 21/08 (2006.01)
(86) PCT EP2011/057883 de 16/05/2011
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(51) F01N 3/023 (2006.01)
(86) PCT US2011/037513 de 23/05/2011
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(21) **BR 11 2012 030130-6 1.1**
(30) 27/05/2010 JP 2010121258
(51) H04W 72/04 (2009.01), H04J 1/00 (2006.01), H04J 11/00 (2006.01), H04W 72/12 (2009.01)
(86) PCT JP2011/061679 de 20/05/2011
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(51) E21B 29/08 (2006.01), E21B 33/06 (2006.01)
(86) PCT GB2011/051006 de 27/05/2011
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(21) **BR 11 2012 030134-9 1.1**
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(51) A61K 36/87 (2006.01)
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(51) F04D 29/70 (2006.01), F04D 29/08 (2006.01), F04D 29/12 (2006.01), F04D 29/42 (2006.01)
(86) PCT JP2011/055522 de 09/03/2011
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(21) **BR 11 2012 030139-0 1.1**
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(51) A61K 9/08 (2006.01), A61K 47/10 (2006.01), A61K 47/14 (2006.01), A61K 47/18 (2006.01), A61K 47/26 (2006.01), A61K 9/00 (2006.01), A61K 39/00 (2006.01)
(86) PCT EP2011/058648 de 26/05/2011
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(21) **BR 11 2012 030142-0 1.1**
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(51) E01C 11/22 (2006.01), E01F 5/00 (2006.01), E02D 29/045 (2006.01), E02D 29/05 (2006.01), H02G 9/04 (2006.01)
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(30) 28/05/2010 JP 2010123565
(51) C09K 3/10 (2006.01), E02B 3/16 (2006.01), E02B 7/02 (2006.01), B09B 1/00 (2006.01)
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(51) C07C 59/125 (2006.01), C07C 69/96 (2006.01), C07D 231/20 (2006.01), C07D 317/30 (2006.01)
(86) PCT EP2011/063020 de 28/07/2011
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(51) G06F 15/16 (2006.01)
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(51) G09B 19/24 (2006.01)
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(51) H04W 28/26 (2009.01), H04W 4/10 (2009.01)
(86) PCT US2011/038111 de 26/05/2011
(87) WO 2011/150191 de 01/12/2011

(21) **BR 11 2012 030158-6 1.1**
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(51) H04N 7/26 (2006.01)
(86) PCT JP2011/062797 de 03/06/2011
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(21) **BR 11 2012 030159-4 1.1**
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(51) B05B 12/00 (2006.01), B05B 13/02 (2006.01), B05B 15/06 (2006.01), B05C 19/04 (2006.01), B05C 5/02 (2006.01), B05C 1/02 (2006.01), B65D 23/08 (2006.01)
(86) PCT ES2011/070382 de 26/05/2011
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(21) **BR 11 2012 030160-8 1.1**
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(51) A61F 9/007 (2006.01)
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(51) H04R 1/34 (2006.01), G10K 11/02 (2006.01)
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(21) **BR 11 2012 030163-2 1.1**
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(51) G01D 11/28 (2006.01), B60K 35/00 (2006.01), G09F 13/18 (2006.01)
(86) PCT JP2011/005760 de 14/10/2011
(87) WO 2012/070183 de 31/05/2012

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(51) B65D 6/00 (2006.01)
(86) PCT US2011/038518 de 31/05/2011
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(21) **BR 11 2012 030165-9 1.1**
(30) 28/05/2010 EP 101642114; 07/04/2011 US 61472713
(51) C09C 1/02 (2006.01), C09C 1/42 (2006.01), C09C 3/04 (2006.01), D21H 17/00 (2006.01), D21H 19/00 (2006.01)
(86) PCT EP2011/058649 de 26/05/2011
(87) WO 2011/147922 de 01/12/2011

(21) **BR 11 2012 030166-7 1.1**
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(51) F16H 3/093 (2006.01), F16H 37/04 (2006.01)
(86) PCT EP2011/058941 de 31/05/2011
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(21) **BR 11 2012 030167-5 1.1**
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(51) G06Q 20/24 (2012.01)
(86) PCT JP2012/059790 de 10/04/2012
(87) WO 2013/128655 de 06/09/2013

(21) **BR 11 2012 030168-3 1.1**
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(51) H04N 9/31 (2006.01), G03B 21/56 (2006.01), G03B 21/60 (2006.01)
(86) PCT US2011/040118 de 13/06/2011
(87) WO 2011/159588 de 22/12/2011

(21) **BR 11 2012 030169-1 1.1**
(30) 11/06/2010 US 12813533; 11/06/2010 US 12813534
(51) C07C 2/66 (2006.01), C07C 15/06 (2006.01), B01J 8/02 (2006.01), C10G 50/00 (2006.01)
(86) PCT US2011/038673 de 01/06/2011
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(21) **BR 11 2012 030170-5 1.1**
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(21) **BR 11 2012 030171-3 1.1**
(30) 11/06/2010 IT 2010001058; 27/05/2011 IT 2011000961
(51) C08J 9/32 (2006.01), B29C 44/02 (2006.01), B29C 70/66 (2006.01), B29C 44/04 (2006.01), B29C 44/34 (2006.01)
(86) PCT EP2011/002898 de 07/06/2011
(87) WO 2011/154161 de 15/12/2011

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(51) G06T 17/05 (2011.01), G01V 1/48 (2006.01), G06T 1/00 (2006.01)
(86) PCT US2010/036296 de 27/05/2010
(87) WO 2011/149460 de 01/12/2011

(21) **BR 11 2012 030174-8 1.1**
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(51) H04N 9/31 (2006.01), G03B 21/56 (2006.01), G03B 21/60 (2006.01)
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(51) A61F 5/441 (2006.01)
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(21) **BR 11 2012 030176-4 1.1**
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(51) G09F 19/00 (2006.01), G06F 3/048 (2013.01), G06F 3/14 (2006.01), G06Q 30/00 (2006.01)
(86) PCT JP2011/061728 de 23/05/2011
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(21) **BR 11 2012 030177-2 1.1**
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(51) A01N 43/90 (2006.01), A61K 31/519 (2006.01)
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(21) **BR 11 2012 030178-0 1.1**
(30) 04/06/2010 DK 201070245; 04/06/2010 DK 201070246; 08/11/2010 DK 201070473; 08/11/2010 DK 201070476; 08/11/2010 DK 201070475; 19/11/2010 DK 201070498
(51) A61F 5/441 (2006.01)
(86) PCT DK2011/050189 de 01/06/2011
(87) WO 2011/150936 de 08/12/2011

(21) **BR 11 2012 030181-0 1.1**
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(51) B08B 9/027 (2006.01)
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(21) **BR 11 2012 030184-5 1.1**
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(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 409/12 (2006.01), C07D 409/14 (2006.01), A01N 43/40 (2006.01), A01N 43/48 (2006.01), A01P 3/00 (2006.01)
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(51) A01D 89/00 (2006.01)
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(51) F16D 48/02 (2006.01), F16J 15/16 (2006.01), F16J 15/56 (2006.01)
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(21) **BR 11 2012 030189-6 1.1**
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(51) B60L 3/00 (2006.01), H02K 5/16 (2006.01)
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(21) **BR 11 2012 030192-6 1.1**
(51) A61K 8/02 (2006.01), A61K 8/73 (2006.01), A61Q 11/00 (2006.01), A61K 8/81 (2006.01)
(86) PCT US2010/040509 de 30/06/2010
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(51) B60W 30/14 (2006.01), B60K 31/00 (2006.01), G05B 13/04 (2006.01)
(86) PCT SE2011/050809 de 21/06/2011
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(21) **BR 11 2012 030196-9 1.1**
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(51) B60K 31/00 (2006.01), B60W 30/14 (2006.01), G05B 13/04 (2006.01)
(86) PCT SE2011/050808 de 21/06/2011
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(51) F16K 31/04 (2006.01), F16K 37/00 (2006.01)
(86) PCT EP2010/057656 de 01/06/2010
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(21) **BR 11 2012 030239-6 1.1**
(30) 24/06/2010 EP PCT/EP2010/059014
(51) A23K 1/00 (2006.01), A23K 1/16 (2006.01), A23K 1/175 (2006.01), A61K 31/593 (2006.01), A61K 36/185 (2006.01), A61P 19/10 (2006.01), A61K 9/14 (2006.01), A61K 9/16 (2006.01), A61K 33/06 (2006.01), A23L 1/03 (2006.01), A23L 1/303 (2006.01), A23L 1/304 (2006.01)
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(21) **BR 11 2012 030241-8 1.1**
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(21) **BR 11 2012 030245-0 1.1**
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(51) A01N 25/00 (2006.01)
(86) PCT US2011/037686 de 24/05/2011
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(21) **BR 11 2012 030247-7 1.1**
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(51) A61B 19/02 (2006.01), B65D 75/52 (2006.01)
(86) PCT US2011/044380 de 18/07/2011
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(21) **BR 11 2012 030248-5 1.1**
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(51) A61B 17/80 (2006.01)
(86) PCT US2011/035181 de 04/05/2011
(87) WO 2011/152951 de 08/12/2011

(21) **BR 11 2012 030249-3 1.1**
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(51) B25J 1/02 (2006.01), B25J 9/04 (2006.01), B25J 13/08 (2006.01)
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(87) WO 2011/151544 de 08/12/2011

(21) **BR 11 2012 030268-0 1.1**
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(51) B65D 17/32 (2006.01)
(86) PCT EP11/003372 de 07/07/2011
(87) WO 2012/010258 de 26/01/2012

(21) **BR 11 2012 030269-8 1.1**
(51) B23K 9/073 (2006.01), B23K 9/09 (2006.01), B23K 9/095 (2006.01), B23K 9/10 (2006.01)
(86) PCT EP2010/057407 de 28/05/2010
(87) WO 2011/147461 de 01/12/2011

(21) **BR 11 2012 030270-1 1.1**
(30) 28/05/2010 EP 10164379.9
(51) A23J 1/10 (2006.01), A23L 1/0562 (2006.01), A23L 1/308 (2006.01), A61K 38/39 (2006.01), A61P 3/04 (2006.01)
(86) PCT NL2011/050381 de 30/05/2011
(87) WO 2011/149356 de 01/12/2011

(21) **BR 11 2012 030276-0 1.1**
(51) H02K 5/12 (2006.01), H02K 1/18 (2006.01), F03B 13/18 (2006.01)
(86) PCT SE2010/050586 de 28/05/2010
(87) WO 2011/149398 de 01/12/2011

(21) **BR 11 2012 030277-9 1.1**
(51) F03B 13/18 (2006.01), H02K 5/12 (2006.01)
(86) PCT SE2010/050587 de 28/05/2010
(87) WO 2011/149399 de 01/12/2011

(21) **BR 11 2012 030279-5 1.1**
(51) F03B 13/18 (2006.01), F16F 1/38 (2006.01), B63B 21/04 (2006.01)
(86) PCT SE2010/050585 de 28/05/2010
(87) WO 2011/149397 de 01/12/2011

(21) **BR 11 2012 030280-9 1.1**
(51) F03B 13/18 (2006.01), B66D 1/38 (2006.01), F16H 7/18 (2006.01)
(86) PCT SE2010/050584 de 28/05/2010
(87) WO 2011/149396 de 01/12/2011

(21) **BR 11 2012 030281-7 1.1**
(30) 28/05/2010 US 12/789,569
(51) A61F 13/56 (2006.01), A61F 13/64 (2006.01)
(86) PCT US2011/037650 de 24/05/2011
(87) WO 2011/149873 de 01/12/2011

(21) **BR 11 2012 030283-3 1.1**
(30) 28/05/2010 DE 20 2010 005 519.9
(51) B61L 5/10 (2006.01)
(86) PCT EP2011/058723 de 27/05/2011
(87) WO 2011/147961 de 01/12/2011

(21) **BR 11 2012 030285-0 1.1**
(30) 28/05/2010 US 61/349,737; 09/06/2010 US 61/353,126; 18/06/2010 US 61/356,499; 27/10/2010 US 61/407,363; 26/01/2011 US 61/436,545; 26/01/2011 US 61/436,490
(51) H01R 29/00 (2006.01), H01R 13/648 (2006.01), H01R 13/516 (2006.01), H01R 13/627 (2006.01), H01R 13/642 (2006.01), H01R 13/631 (2006.01), H01R 12/77 (2011.01), H01R 4/01 (2006.01), H01R 13/504 (2006.01)
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(21) **BR 11 2012 030293-0 1.1**
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(51) C09K 8/66 (2006.01), C09K 8/84 (2006.01), C09K 8/68 (2006.01)
(86) PCT US2011/034440 de 29/04/2011
(87) WO 2011/149618 de 01/12/2011

(21) **BR 11 2012 030294-9 1.1**
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(51) A47C 21/04 (2006.01)
(86) PCT US2011/038639 de 31/05/2011
(87) WO 2011/150427 de 01/12/2011

(21) **BR 11 2012 030295-7 1.1**
(30) 29/07/2010 GB 1012711.6
(51) C25C 1/16 (2006.01), B01D 17/06 (2006.01), H01B 1/04 (2006.01)
(86) PCT CA2011/000837 de 20/07/2011
(87) WO 2012/012871 de 02/02/2012

(21) **BR 11 2012 030296-5 1.1**
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(51) B65B 9/12 (2006.01)
(86) PCT EP2011/057984 de 17/05/2011

(87) WO 2011/147719 de 01/12/2011

(21) **BR 11 2012 030297-3 1.1**
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(51) G01D 5/26 (2006.01), G01V 1/20 (2006.01)
(86) PCT GB2011/050789 de 20/04/2011
(87) WO 2011/148154 de 01/12/2011

(21) **BR 11 2012 030299-0 1.1**
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(51) F25J 3/00 (2006.01)
(86) PCT US2011/036383 de 13/05/2011
(87) WO 2011/149683 de 01/12/2011

(21) **BR 11 2012 030310-4 1.1**
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(51) G03G 15/06 (2006.01)
(86) PCT US2011/038365 de 27/05/2011
(87) WO 2011/150344 de 01/12/2011

(21) **BR 11 2012 030318-0 1.1**
(30) 28/05/2010 US 61/349,271
(51) A61K 39/395 (2006.01), A61P 27/02 (2006.01), C07K 16/28 (2006.01), C07K 16/22 (2006.01)
(86) PCT EP2011/058777 de 27/05/2011
(87) WO 2011/147984 de 01/12/2011

(21) **BR 11 2012 030319-8 1.1**
(51) C08F 220/10 (2006.01), B41C 1/055 (2006.01), B41C 1/10 (2006.01), C08F 212/14 (2006.01), C08F 220/36 (2006.01), C08F 220/38 (2006.01), C08F 220/54 (2006.01), C09D 133/14 (2006.01), G03F 7/004 (2006.01), G03F 7/00 (2006.01)
(86) PCT CA2010/001401 de 14/09/2010
(87) WO 2011/006265 de 20/01/2011

(21) **BR 11 2012 030327-9 1.1**
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(51) G06F 1/26 (2006.01)
(86) PCT US2011/042689 de 30/06/2011
(87) WO 2012/003385 de 05/01/2012

(21) **BR 11 2012 030329-5 1.1**
(30) 28/05/2010 US 61/349774; 18/08/2010 US 61/374992; 16/11/2010 US 61/414393; 29/12/2010 US 61/428192
(51) A23D 9/00 (2006.01), C11B 5/00 (2006.01)
(86) PCT US2011/038464 de 27/05/2011
(87) WO 2011/150411 de 01/12/2011

(21) **BR 11 2012 030330-9 1.1**
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(51) C10L 1/222 (2006.01), C10L 1/238 (2006.01)
(86) PCT EP2011/058313 de 23/05/2011
(87) WO 2011/151207 de 08/12/2011

(21) **BR 11 2012 030331-7 1.1**
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(51) A61K 38/18 (2006.01), C07K 14/485 (2006.01)
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(21) **BR 11 2012 030332-5 1.1**
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(51) B32B 25/14 (2006.01), B32B 27/30 (2006.01)
(86) PCT JP2011/054470 de 28/02/2011
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(21) **BR 11 2012 030333-3 1.1**
(30) 28/05/2010 US 61/349774; 18/08/2010 US 61/374992; 16/11/2010 US 61/414393; 29/12/2010 US 61/428192
(51) C12P 7/64 (2006.01), C12N 15/74 (2006.01)
(86) PCT US2011/038463 de 27/05/2011
(87) WO 2011/150410 de 01/12/2011

(21) **BR 11 2012 030335-0 1.1**
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(51) B60B 11/06 (2006.01), B60B 25/10 (2006.01), B60B 25/22 (2006.01)
(86) PCT GB2011/051032 de 01/06/2011
(87) WO 2011/151644 de 08/12/2011

(21) **BR 11 2012 030336-8 1.1**
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(51) B01F 5/06 (2006.01), B01F 5/04 (2006.01)
(86) PCT US2011/039767 de 09/06/2011
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(21) **BR 11 2012 030337-6 1.1**
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(51) A61K 39/39 (2006.01), A61K 39/10 (2006.01), A61K 39/155 (2006.01), A61K 39/12 (2006.01), A61K 39/265 (2006.01)
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(21) **BR 11 2012 030338-4 1.1**
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(51) B01D 53/62 (2006.01), B01D 61/58 (2006.01), C07C 7/144 (2006.01), C10L 3/10 (2006.01)
(86) PCT US2011/042093 de 28/06/2011
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(21) **BR 11 2012 030339-2 1.1**
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(51) B05B 1/34 (2006.01)
(86) PCT US2011/039393 de 07/06/2011
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(21) **BR 11 2012 030340-6 1.1**
(30) 30/06/2010 US 61/359920; 19/05/2011 US 13/111458
(51) B01D 50/00 (2006.01), B01D 53/62 (2006.01), B01D 53/14 (2006.01), B01D 53/26 (2006.01)
(86) PCT US2011/042108 de 28/06/2011
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(21) **BR 11 2012 030342-2 1.1**
(30) 10/06/2010 US 61/353,465
(51) A61Q 19/00 (2006.01), A61K 8/34 (2006.01), A61K 8/46 (2006.01), A61K 8/04 (2006.01)
(86) PCT US2011/039026 de 03/06/2011
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(21) **BR 11 2012 030344-9 1.1**
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(51) C07C 39/20 (2006.01), C07C 37/20 (2006.01), C08F 12/08 (2006.01), C08L 25/04 (2006.01), C08L 21/00 (2006.01)
(86) PCT US2011/038467 de 28/05/2011
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(21) **BR 11 2012 030346-5 1.1**
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(51) B62D 7/02 (2006.01)
(86) PCT EP2011/056380 de 20/04/2011
(87) WO 2011/147648 de 01/12/2011

(21) **BR 11 2012 030347-3 1.1**
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(51) A61K 9/20 (2006.01), A61K 47/02 (2006.01)
(86) PCT HU2011/000049 de 27/05/2011
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(51) C09B 67/00 (2006.01), C11D 3/40 (2006.01), C11D 3/42 (2006.01), C11D 17/00 (2006.01)
(86) PCT US2011/037642 de 24/05/2011
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(51) F04D 29/52 (2006.01), F04D 29/68 (2006.01), F01D 5/14 (2006.01), F01D 5/20 (2006.01)
(86) PCT FR2011/051307 de 09/06/2011
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(51) B29B 7/18 (2006.01), B29B 7/26 (2006.01)
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(30) 30/06/2010 US 61/360,432; 30/06/2010 US 61/360,436; 23/02/2011 US 61/446,027
(51) G09G 5/00 (2006.01), G06F 1/26 (2006.01), G06F 3/14 (2006.01)
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(51) B60J 5/04 (2006.01)
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(87) WO 2011/151173 de 08/12/2011

(21) **BR 11 2012 030355-4 1.1**
(30) 28/05/2010 US 61/349,393; 04/03/2011 US 13/040,393
(51) C09B 67/00 (2006.01), C11D 3/40 (2006.01), C11D 17/00 (2006.01)
(86) PCT US2011/037644 de 24/05/2011
(87) WO 2011/149871 de 01/12/2011

(21) **BR 11 2012 030356-2 1.1**
(30) 31/05/2010 EP 10164509.1; 14/10/2010 EP 10187533.4
(51) A01N 43/90 (2006.01), A01N 47/06 (2006.01), A01P 7/00 (2006.01)
(86) PCT EP2011/058628 de 26/05/2011
(87) WO 2011/151249 de 08/12/2011

(21) **BR 11 2012 030357-0 1.1**
(30) 01/07/2010 JP 2010-151163
(51) H05B 37/02 (2006.01), G02F 1/13357 (2006.01), H01L 33/00 (2010.01)
(86) PCT JP2011/064764 de 28/06/2011
(87) WO 2012/002366 de 05/01/2012

(21) **BR 11 2012 030358-9 1.1**
(51) H04W 12/06 (2009.01), H04L 29/06 (2006.01), H04L 29/08 (2006.01), H04W 12/08 (2009.01)
(86) PCT EP2010/003256 de 28/05/2010
(87) WO 2011/147433 de 01/12/2011

(21) **BR 11 2012 030359-7 1.1**
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(51) A61K 35/74 (2006.01), A23L 1/30 (2006.01), A61P 1/00 (2006.01), A61P 1/12 (2006.01)
(86) PCT IB2011/052344 de 27/05/2011
(87) WO 2011/148355 de 01/12/2011

(21) **BR 11 2012 030360-0 1.1**
(30) 28/05/2010 DE 10 2010 021 849.9; 16/07/2010 DE 10 2010 027 482.8
(51) A47J 31/36 (2006.01), A47J 31/06 (2006.01)
(86) PCT EP2011/002661 de 30/05/2011
(87) WO 2011/147591 de 01/12/2011

(21) **BR 11 2012 030361-9 1.1**
(30) 28/05/2010 DE 10 2010 021 849.9; 10/09/2010 DE 10 2010 044 945.8
(51) A47J 31/36 (2006.01)
(86) PCT EP2011/000271 de 24/01/2011
(87) WO 2011/147491 de 01/12/2011

(21) **BR 11 2012 030362-7 1.1**
(30) 28/05/2010 DE 10 2010 021 842.1
(51) A61K 36/185 (2006.01), A61K 36/25 (2006.01), A61K 36/53 (2006.01)
(86) PCT EP2011/058852 de 30/05/2011
(87) WO 2011/147992 de 01/12/2011

(21) **BR 11 2012 030363-5 1.1**
(30) 28/05/2010 IB PCT/IB2011/001536
(51) A61K 35/74 (2006.01), A23L 1/30 (2006.01), A61P 1/00 (2006.01)
(86) PCT IB2011/052368 de 30/05/2011
(87) WO 2011/148358 de 01/12/2011

(21) **BR 11 2012 030364-3 1.1**
(30) 31/05/2010 EP 10 164469.8
(51) E21B 47/01 (2006.01), E21B 47/10 (2006.01)
(86) PCT EP2011/058987 de 31/05/2011
(87) WO 2011/151346 de 08/12/2011

(21) **BR 11 2012 030399-6 1.1**
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(51) C07D 249/14 (2006.01), A01N 43/653 (2006.01), A01P 7/02 (2006.01)
(86) PCT JP11/062262 de 27/05/2011
(87) WO 2011/152320 de 08/12/2011

(21) **BR 11 2012 030401-1 1.1**
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(51) C07D 471/10 (2006.01), A01N 43/90 (2006.01)
(86) PCT EP11/058192 de 19/05/2011
(87) WO 2011/151197 de 08/12/2011

(21) **BR 11 2012 030405-4 1.1**
(30) 31/05/2010 FR 10 54201
(51) B65D 1/02 (2006.01), B65D 39/16 (2006.01), B67B 1/06 (2006.01)
(86) PCT EP11/002664 de 30/05/2011
(87) WO 2011/151050 de 08/12/2011

(21) **BR 11 2012 030407-0 1.1**
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(51) G01L 9/06 (2006.01)
(86) PCT CN11/070245 de 14/01/2011
(87) WO 2011/150691 de 08/12/2011

(21) **BR 11 2012 030408-9 1.1**
(30) 31/05/2010 EP 10164500.0
(51) A01N 43/90 (2006.01), A01N 47/06 (2006.01), A01P 21/00 (2006.01)

(86) PCT EP11/057704 de 12/05/2011
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(21) **BR 11 2012 030409-7 1.1**
(30) 01/06/2010 US 12/791,305
(51) G06F 17/30 (2006.01), G06F 17/00 (2006.01), G06F 15/16 (2006.01)
(86) PCT US11/036733 de 17/05/2011
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(21) **BR 11 2012 030411-9 1.1**
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(51) F02M 65/00 (2006.01), F02D 41/20 (2006.01), F02M 63/00 (2006.01)
(86) PCT EP11/055818 de 13/04/2011
(87) WO 2011/151097 de 08/12/2011

(21) **BR 11 2012 030412-7 1.1**
(30) 02/06/2010 DE 10 2010 029 610.4
(51) C07C 213/06 (2006.01), C07C 219/08 (2006.01)
(86) PCT EP11/056928 de 02/05/2011
(87) WO 2011/151120 de 08/12/2011

(21) **BR 11 2012 030413-5 1.1**
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(51) G06F 19/14 (2011.01), G06F 17/10 (2006.01)
(86) PCT US11/038909 de 02/06/2011
(87) WO 2011/153336 de 08/12/2011

(21) **BR 11 2012 030414-3 1.1**
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(51) C07D 471/10 (2006.01), A01N 43/90 (2006.01)
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(87) WO 2011/151194 de 08/12/2011

(21) **BR 11 2012 030415-1 1.1**
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(51) A01N 25/32 (2006.01), A01N 43/90 (2006.01), A01P 7/00 (2006.01), C07D 211/94 (2006.01), C07D 471/10 (2006.01)
(86) PCT EP11/058625 de 26/05/2011
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(21) **BR 11 2012 030416-0 1.1**
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(51) A01N 43/90 (2006.01), A01N 47/06 (2006.01), A01N 33/12 (2006.01), A01N 37/42 (2006.01), A01P 3/00 (2006.01), A01P 9/00 (2006.01), A01P 5/00 (2006.01)
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(21) **BR 11 2012 030456-9 1.1**
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(51) B01J 8/42 (2006.01), F23G 5/30 (2006.01), B01J 19/12 (2006.01)
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(21) **BR 11 2012 030464-0 1.1**
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(51) H04N 7/173 (2011.01), H04H 20/16 (2008.01), H04H 20/24 (2008.01), H04H 60/07 (2008.01), H04H 60/12 (2008.01)
(86) PCT JP2011/061686 de 20/05/2011
(87) WO 2011/152231 de 08/12/2011

(21) **BR 11 2012 030470-4 1.1**
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(51) H01L 33/02 (2010.01)
(86) PCT JP2011/061979 de 25/05/2011
(87) WO 2011/152262 de 08/12/2011

(21) **BR 11 2012 030473-9 1.1**
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(51) C07D 211/94 (2006.01), C07D 405/12 (2006.01), C07D 471/10 (2006.01), A01N 43/90 (2006.01)
(86) PCT EP2011/058209 de 19/05/2011
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(21) **BR 11 2012 030478-0 1.1**
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(51) G01B 11/10 (2006.01), G01B 17/02 (2006.01), G01N 29/44 (2006.01)
(86) PCT FR2011/000319 de 30/05/2011
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(21) **BR 11 2012 030479-8 1.1**
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(51) A61K 38/04 (2006.01), A61K 39/00 (2006.01), A61K 45/06 (2006.01), C07K 14/47 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/059121 de 01/06/2011
(87) WO 2011/151403 de 08/12/2011

(21) **BR 11 2012 030484-4 1.1**
(30) 31/05/2010 JP 2010-124236
(51) F02D 29/06 (2006.01), B60T 8/32 (2006.01), B62D 5/04 (2006.01), F02D 29/04 (2006.01)
(86) PCT JP11/059965 de 22/04/2011
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(21) **BR 11 2012 030485-2 1.1**
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(51) A61K 31/663 (2006.01), A61K 31/593 (2006.01), A61P 19/10 (2006.01)
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(87) WO 2011/155728 de 15/12/2011

(21) **BR 11 2012 030487-9 1.1**
(30) 31/05/2010 FR 1054201; 16/06/2010 IT MI2010A001085
(51) C03B 9/16 (2006.01), C03B 9/325 (2006.01), B65D 1/02 (2006.01)
(86) PCT EP2011/002659 de 30/05/2011
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(21) **BR 11 2012 030488-7 1.1**
(30) 30/05/2010 US 12/790,830
(51) H05B 37/03 (2006.01), H05B 41/38 (2006.01)
(86) PCT US2011/037620 de 23/05/2011
(87) WO 2011/153020 de 08/12/2011

(21) **BR 11 2012 030490-9 1.1**
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(51) E03F 5/16 (2006.01)
(86) PCT EP2011/058767 de 27/05/2011
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(21) **BR 11 2012 030491-7 1.1**
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(51) G06F 15/16 (2006.01), G06F 17/00 (2006.01)
(86) PCT US2011/037078 de 19/05/2011
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(21) **BR 11 2012 030492-5 1.1**
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(51) B60N 2/225 (2006.01)
(86) PCT EP2011/002420 de 17/05/2011
(87) WO 2011/151017 de 08/12/2011

(21) **BR 11 2012 030493-3 1.1**
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(51) G06Q 30/02 (2012.01)
(86) PCT JP2012/054806 de 27/02/2012
(87) WO 2012/147405 de 01/11/2012

(21) **BR 11 2012 030515-8 1.1**
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(51) G01N 33/28 (2006.01), G01N 21/33 (2006.01), G01N 21/35 (2006.01), G01N 21/84 (2006.01), G01N 21/85 (2006.01), B01L 3/00 (2006.01)
(86) PCT IB2011/051915 de 30/04/2011
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(21) **BR 11 2012 030522-0 1.1**
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(51) C12N 15/867 (2006.01)
(86) PCT EP2011/002646 de 27/05/2011
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(21) **BR 11 2012 030524-7 1.1**
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(87) WO 2011/151884 de 08/12/2011

(21) **BR 11 2012 030525-5 1.1**
(30) 26/05/2010 US 61/348,458; 27/07/2010 US 61/367,979
(51) C11D 3/37 (2006.01), C11D 17/00 (2006.01), B01J 13/08 (2006.01)
(86) PCT US2011/038019 de 26/05/2011
(87) WO 2011/150138 de 01/12/2011

(21) **BR 11 2012 030527-1 1.1**
(30) 26/05/2010 FR 1002193; 22/12/2010 FR 10/05040
(51) H01H 13/705 (2006.01), H01H 13/807 (2006.01)
(86) PCT FR2011/051196 de 26/05/2011
(87) WO 2011/148105 de 01/12/2011

(21) **BR 11 2012 030530-1 1.1**
(30) 18/05/2010 US 61/345,634
(51) C07K 1/36 (2006.01), C07K 1/18 (2006.01), C07K 1/22 (2006.01), C07K 1/34 (2006.01), B01D 15/12 (2006.01), B01D 15/38 (2006.01)
(86) PCT US2011/032279 de 13/04/2011
(87) WO 2011/146179 de 24/11/2011

(21) **BR 11 2012 030532-8 1.1**
(30) 17/05/2010 US 61/345.224
(51) C07D 239/70 (2006.01)
(86) PCT US2011/036821 de 17/05/2011
(87) WO 2011/146494 de 24/11/2011

(21) **BR 11 2012 030534-4 1.1**
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(51) A01N 43/00 (2006.01), A01N 43/46 (2006.01), A61K 31/55 (2006.01)
(86) PCT US2010/057454 de 19/11/2010
(87) WO 2011/146089 de 24/11/2011

(21) **BR 11 2012 030535-2 1.1**
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(51) G01N 33/53 (2006.01), A61K 31/716 (2006.01)
(86) PCT US2011/036518 de 13/05/2011
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(21) **BR 11 2012 030537-9 1.1**
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(51) A61B 19/00 (2006.01)
(86) PCT US2011/039743 de 09/06/2011
(87) WO 2012/005860 de 12/01/2012

(21) **BR 11 2012 030538-7 1.1**
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(51) G02B 6/02 (2006.01), G02B 6/028 (2006.01)
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(21) **BR 11 2012 030544-1 1.1**
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(51) H04N 7/32 (2006.01), H04N 7/30 (2006.01)
(86) PCT JP2011/061974 de 25/05/2011
(87) WO 2011/155332 de 15/12/2011

(21) **BR 11 2012 030545-0 1.1**
(30) 11/06/2010 GB 1009802.8
(51) E02B 3/04 (2006.01), E02B 3/06 (2006.01), E02B 3/12 (2006.01), E01F 8/02 (2006.01), E02D 29/02 (2006.01)
(86) PCT GB2011/050983 de 24/05/2011
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(21) **BR 11 2012 030546-8 1.1**
(30) 14/07/2010 GB 1011852.9
(51) A61K 8/39 (2006.01), C08G 65/48 (2006.01), B01F 17/34 (2006.01)
(86) PCT GB2011/051316 de 13/07/2011
(87) WO 2012/007754 de 19/01/2012

(21) **BR 11 2012 030547-6 1.1**
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(51) G06F 3/048 (2013.01)
(86) PCT JP2011/003082 de 01/06/2011
(87) WO 2011/155154 de 15/12/2011

(21) **BR 11 2012 030550-6 1.1**
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(51) H01M 8/16 (2006.01), H01M 4/90 (2006.01), H01M 8/02 (2006.01)
(86) PCT JP2011/063196 de 02/06/2011
(87) WO 2011/155549 de 15/12/2011

(21) **BR 11 2012 030552-2 1.1**
(30) 03/06/2010 GB 1009273.2
(51) A61K 39/145 (2006.01), A61P 37/04 (2006.01), A61K 9/00 (2006.01)
(86) PCT EP2011/059167 de 02/06/2011
(87) WO 2011/151431 de 08/12/2011

(21) **BR 11 2012 030553-0 1.1**
(30) 02/06/2010 FR 10 54312
(51) F16C 17/06 (2006.01), F16C 41/02 (2006.01), F16C 23/04 (2006.01)
(86) PCT FR2011/051088 de 16/05/2011
(87) WO 2011/151555 de 08/12/2011

(21) **BR 11 2012 030555-7 1.1**
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(51) B41F 5/24 (2006.01), B41F 23/04 (2006.01), B41F 13/22 (2006.01)
(86) PCT ES2011/000175 de 01/06/2011
(87) WO 2011/154566 de 15/12/2011

(21) **BR 11 2012 030556-5 1.1**
(30) 01/06/2010 ES p201000746
(51) B41F 5/24 (2006.01), B41F 23/00 (2006.01)
(86) PCT ES2011/000174 de 01/06/2011
(87) WO 2011/151485 de 08/12/2011

(21) **BR 11 2012 030557-3 1.1**
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(51) A45D 19/02 (2006.01), A45D 24/28 (2006.01)
(86) PCT EP2011/002713 de 01/06/2011
(87) WO 2011/151067 de 08/12/2011

(21) **BR 11 2012 030562-0 1.1**
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(51) B41F 31/04 (2006.01)
(86) PCT ES2011/000176 de 01/06/2011
(87) WO 2011/151486 de 08/12/2011

(21) **BR 11 2012 030567-0 1.1**
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(51) B60N 2/42 (2006.01), A47C 3/20 (2006.01), F16F 7/00 (2006.01), F41H 7/00 (2006.01)
(86) PCT CA2011/000636 de 01/06/2011
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(21) **BR 11 2012 030572-7 1.1**
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(51) A61L 29/14 (2006.01), A61L 31/14 (2006.01), C01G 5/00 (2006.01)
(86) PCT US2011/000998 de 02/06/2011
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(21) **BR 11 2012 030577-8 1.1**
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(51) B60T 8/1755 (2006.01)
(86) PCT GB2011/000824 de 31/05/2011
(87) WO 2011/151615 de 08/12/2011

(21) **BR 11 2012 030581-6 1.1**
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(51) A01P 1/00 (2006.01), A01P 3/00 (2006.01), A01P 21/00 (2006.01), A01N 63/04 (2006.01)
(86) PCT IL2011/000420 de 31/05/2011
(87) WO 2011/151819 de 08/12/2011

(21) **BR 11 2012 030585-9 1.1**
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(51) G05D 1/02 (2006.01)
(86) PCT EP2011/058788 de 30/05/2011
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(21) **BR 11 2012 030589-1 1.1**
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(51) C08J 9/00 (2006.01)
(86) PCT EP2011/058885 de 31/05/2011
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(21) **BR 11 2012 030594-8 1.1**
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(51) C08H 7/00 (2011.01)
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(21) **BR 11 2012 030599-9 1.1**
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(51) B01D 53/94 (2006.01), F01N 3/022 (2006.01), F01N 3/035 (2006.01)
(86) PCT IB2011/001205 de 02/06/2011
(87) WO 2011/151711 de 08/12/2011

(21) **BR 11 2012 030605-7 1.1**
(30) 02/06/2010 NL 2004801; 22/03/2011 NL 2006444
(51) B63B 27/08 (2006.01), B63C 7/02 (2006.01), F16L 1/12 (2006.01), B66C 13/18 (2006.01)
(86) PCT NL2011/050351 de 24/05/2011
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(21) **BR 11 2012 030609-0 1.1**
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(51) B01D 53/02 (2006.01), B01D 53/62 (2006.01), B01D 53/74 (2006.01)
(86) PCT US2011/041342 de 22/06/2011
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(21) **BR 11 2012 030610-3 1.1**
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(51) G06F 1/16 (2006.01), H04L 12/28 (2006.01)
(86) PCT US2011/000993 de 02/06/2011
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(21) **BR 11 2012 030616-2 1.1**
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(51) A61K 39/145 (2006.01)
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(87) WO 2011/151726 de 08/12/2011

(21) **BR 11 2012 030617-0 1.1**
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(51) B62D 12/02 (2006.01), B60D 5/00 (2006.01)
(86) PCT CN2010/080462 de 29/12/2010
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(51) G01M 3/04 (2006.01)
(86) PCT GB2011/051027 de 31/05/2011
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(51) A61K 39/145 (2006.01)
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(51) H04L 27/26 (2006.01)
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(51) A61P 31/04 (2006.01), A61K 31/4439 (2006.01), C07D 401/14 (2006.01), C07D 403/14 (2006.01), C07D 405/14 (2006.01), C07D 409/14 (2006.01), C07D 417/14 (2006.01)
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(51) B41J 2/045 (2006.01), H03K 4/94 (2006.01), H01L 41/04 (2006.01)
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(87) WO 2011/151642 de 08/12/2011

(21) **BR 11 2012 030623-5 1.1**
(30) 31/05/2010 FR 1054213; 03/02/2011 FR 1150888
(51) B29C 73/16 (2006.01), C08G 59/42 (2006.01), C08L 63/02 (2006.01), C08L 63/04 (2006.01), B29C 73/02 (2006.01)
(86) PCT FR2011/051231 de 30/05/2011
(87) WO 2011/151584 de 08/12/2011

(21) **BR 11 2012 030625-1 1.1**
(30) 03/06/2010 US 61/351,130; 04/06/2010 US 61/351,793; 04/06/2010 US 61/351,655; 04/06/2010 US 61/351,762; 03/12/2010 US 61/419,764; 05/04/2011 US 61/472,138
(51) A61K 31/519 (2006.01), A61K 31/505 (2006.01), A61P 35/02 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/039190 de 03/06/2011
(87) WO 2011/153514 de 08/12/2011

(21) **BR 11 2012 030629-4 1.1**
(30) 01/07/2010 US 12/828,808
(51) H02H 1/00 (2006.01)
(86) PCT US2011/039775 de 09/06/2011
(87) WO 2012/003074 de 05/01/2012

(21) **BR 11 2012 030631-6 1.1**
(30) 01/06/2010 US 61/350,175; 31/05/2011 US 13/118,963
(51) B01D 15/00 (2006.01)
(86) PCT US2011/038555 de 31/05/2011
(87) WO 2011/153139 de 08/12/2011

(21) **BR 11 2012 030632-4 1.1**
(30) 11/10/2010 DE 10 2010 038 105.5
(51) E05B 35/00 (2006.01), H01H 27/00 (2006.01), B23P 15/00 (2006.01)
(86) PCT DE2011/075235 de 27/09/2011
(87) WO 2012/062305 de 18/05/2012

(21) **BR 11 2012 030633-2 1.1**
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(51) C07D 239/22 (2006.01), A61K 31/513 (2006.01), A61P 31/06 (2006.01)
(86) PCT IB2011/001184 de 31/05/2011
(87) WO 2011/151701 de 08/12/2011

(21) **BR 11 2012 030634-0 1.1**
(30) 31/05/2010 EP 10164532.3
(51) H03M 13/11 (2006.01)
(86) PCT IB2011/052268 de 25/05/2011
(87) WO 2011/151759 de 08/12/2011

(21) **BR 11 2012 030635-9 1.1**
(30) 03/06/2010 FR 1054366
(51) F01D 11/24 (2006.01)
(86) PCT FR2011/051261 de 01/06/2011
(87) WO 2011/151602 de 08/12/2011

(21) **BR 11 2012 030636-7 1.1**
(30) 14/06/2010 FR 1054671
(51) B05B 1/34 (2006.01), B65D 83/16 (2006.01)
(86) PCT FR2011/051323 de 10/06/2011
(87) WO 2011/157932 de 22/12/2011

(21) **BR 11 2012 030637-5 1.1**
(30) 30/06/2010 PL P-391692
(51) A24C 5/354 (2006.01), A24C 5/356 (2006.01)
(86) PCT PL2011/000066 de 30/06/2011
(87) WO 2012/002831 de 05/01/2012

(21) **BR 11 2012 030638-3 1.1**
(30) 29/06/2010 US 12/825,522
(51) H05K 5/00 (2006.01)
(86) PCT US2011/024685 de 14/02/2011
(87) WO 2012/003011 de 05/01/2012

(21) **BR 11 2012 030639-1 1.1**
(30) 31/05/2010 JP 2010-125284
(51) B32B 27/32 (2006.01), A61J 1/10 (2006.01), B32B 25/08 (2006.01), B65D 30/02 (2006.01), B65D 65/40 (2006.01)
(86) PCT JP2011/062465 de 31/05/2011
(87) WO 2011/152387 de 08/12/2011

(21) **BR 11 2012 030640-5 1.1**
(30) 03/06/2010 US 61/351,113
(51) G07D 7/12 (2006.01), G07D 7/18 (2006.01)
(86) PCT US2011/038920 de 02/06/2011
(87) WO 2011/153343 de 08/12/2011

(21) **BR 11 2012 030641-3 1.1**
(30) 01/06/2010 US 61350183; 03/08/2010 US 61370315
(51) A61K 9/28 (2006.01), A61K 9/48 (2006.01), A61K 31/541 (2006.01), A61K 31/549 (2006.01), A61K 31/54 (2006.01)
(86) PCT IB2011/001539 de 01/06/2011
(87) WO 2011/151722 de 08/12/2011

(21) **BR 11 2012 030642-1 1.1**
(30) 03/06/2010 GB 1009275.7
(51) A61K 8/23 (2006.01), A61K 8/34 (2006.01), A61K 8/42 (2006.01), A61K 8/46 (2006.01), A61K 8/49 (2006.01), A61K 8/66 (2006.01), A61K 8/81 (2006.01), A61Q 9/00 (2006.01), A61Q 9/04 (2006.01), A61K 8/04 (2006.01)
(86) PCT GB2011/050977 de 24/05/2011
(87) WO 2011/151635 de 08/12/2011

(21) **BR 11 2012 030643-0 1.1**
(30) 03/06/2010 JP 2010-128201
(51) C11B 5/00 (2006.01), A23K 1/00 (2006.01), A23K 1/16 (2006.01)
(86) PCT JP2011/062829 de 03/06/2011
(87) WO 2011/152532 de 08/12/2011

(21) **BR 11 2012 030644-8 1.1**
(30) 11/06/2010 JP 2010133535; 16/03/2011 JP 2011057353
(51) H01R 13/53 (2006.01), H01T 4/20 (2006.01), H02B 1/20 (2006.01)
(86) PCT JP2011/003058 de 31/05/2011
(87) WO 2011/155153 de 15/12/2011

(21) **BR 11 2012 030645-6 1.1**
(30) 25/06/2010 US 12/823786

(51) A61B 17/00 (2006.01), B01F 5/00 (2006.01), B05B 1/34 (2006.01), B05B 7/04 (2006.01), B01F 15/00 (2006.01), B01F 13/00 (2006.01)
(86) PCT US2011/041720 de 24/06/2011
(87) WO 2012/087378 de 28/06/2012

(21) **BR 11 2012 030646-4 1.1**
(30) 01/06/2010 GB 10091817
(51) B65D 85/804 (2006.01), A23F 5/14 (2006.01), A23F 5/40 (2006.01), A23L 2/395 (2006.01), A23L 1/00 (2006.01), A23L 1/39 (2006.01), A23L 1/40 (2006.01), A23G 1/30 (2006.01)
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(21) **BR 11 2012 030647-2 1.1**
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(51) A01G 31/00 (2006.01), A01G 9/10 (2006.01)
(86) PCT FR2011/000325 de 01/06/2011
(87) WO 2011/151542 de 08/12/2011

(21) **BR 11 2012 030649-9 1.1**
(30) 04/06/2010 US 61/351,570
(51) C08L 23/00 (2006.01), H01L 31/00 (2006.01), C08F 210/02 (2006.01)
(86) PCT US2011/039305 de 06/06/2011
(87) WO 2011/153540 de 08/12/2011

(21) **BR 11 2012 030650-2 1.1**
(30) 04/06/2010 US 61/351,577
(51) C08F 210/02 (2006.01), C08L 23/00 (2006.01), H01L 31/00 (2006.01)
(86) PCT US2011/039307 de 06/06/2011
(87) WO 2011/153541 de 08/12/2011

(21) **BR 11 2012 030651-0 1.1**
(30) 31/05/2010 JP 2010125336; 22/02/2011 JP 2011036385; 27/04/2011 JP 2011099721
(51) B41N 1/14 (2006.01), C08F 220/36 (2006.01), G03F 7/00 (2006.01), G03F 7/038 (2006.01), G03F 7/11 (2006.01)
(86) PCT JP2011/062854 de 30/05/2011
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(21) **BR 11 2012 030652-9 1.1**
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(51) A61K 9/00 (2006.01), A61K 9/20 (2006.01)
(86) PCT EP2011/002432 de 17/05/2011
(87) WO 2011/151018 de 08/12/2011

(21) **BR 11 2012 030653-7 1.1**
(30) 11/06/2010 US 61/353893
(51) A61K 9/12 (2006.01), A61K 47/06 (2006.01), A61K 47/10 (2006.01), A61K 9/00 (2006.01)
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(87) WO 2011/154004 de 15/12/2011

(21) **BR 11 2012 030654-5 1.1**
(30) 02/06/2010 US 100752310; 14/03/2011 EP 110750478
(51) A61K 9/48 (2006.01), A61K 9/14 (2006.01), A61K 31/4184 (2006.01), A61K 47/10 (2006.01)
(86) PCT EP2011/002764 de 01/06/2011
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(21) **BR 11 2012 030655-3 1.1**
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(51) E04D 13/18 (2006.01)
(86) PCT US2011/038333 de 27/05/2011
(87) WO 2011/153090 de 08/12/2011

(21) **BR 11 2012 030656-1 1.1**
(30) 03/06/2010 US 61/396817
(51) F02D 11/10 (2006.01), B60W 30/18 (2006.01), B60W 10/10 (2006.01), B60W 10/06 (2006.01), B60W 10/08 (2006.01)
(86) PCT US2011/039165 de 03/06/2011
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(21) **BR 11 2012 030657-0 1.1**
(30) 31/05/2010 JP 2010123889
(51) C07D 207/10 (2006.01), C07B 61/00 (2006.01)
(86) PCT JP2011/062385 de 30/05/2011
(87) WO 2011/152354 de 08/12/2011

(21) **BR 11 2012 030658-8 1.1**
(30) 02/06/2010 EP 10005762.9; 14/03/2011 EP 11075046.0
(51) A61K 9/48 (2006.01), A61K 9/14 (2006.01), A61K 31/4184 (2006.01), A61K 47/10 (2006.01), A61K 9/16 (2006.01), A61K 9/20 (2006.01), A61K 9/28 (2006.01)
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(21) **BR 11 2012 030660-0 1.1**
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(51) A61M 15/00 (2006.01)
(86) PCT US2011/038791 de 01/06/2011
(87) WO 2011/153261 de 08/12/2011

(21) **BR 11 2012 030661-8 1.1**
(30) 31/05/2010 JP 2010-123780
(51) B60L 15/20 (2006.01)
(86) PCT JP2011/059252 de 14/04/2011
(87) WO 2011/152129 de 08/12/2011

(21) **BR 11 2012 030662-6 1.1**
(30) 01/06/2010 US 61/350,147; 04/06/2010 US 61/351,441
(51) B01D 69/12 (2006.01), B01D 65/08 (2006.01), B01D 71/06 (2006.01)
(86) PCT US2011/036046 de 11/05/2011
(87) WO 2011/152967 de 08/12/2011

(21) **BR 11 2012 030663-4 1.1**
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(51) B02C 17/00 (2006.01), B02C 17/18 (2006.01), B02C 17/24 (2006.01)
(86) PCT EP2011/059194 de 03/06/2011
(87) WO 2011/151441 de 08/12/2011

(21) **BR 11 2012 030665-0 1.1**
(30) 01/06/2010 US 61396715; 01/06/2011 US 13151188
(51) F04B 17/00 (2006.01)
(86) PCT US2011/038952 de 02/06/2011
(87) WO 2011/153367 de 08/12/2011

(21) **BR 11 2012 030672-3 1.1**
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(51) A61B 5/053 (2006.01), G01G 19/44 (2006.01)
(86) PCT DE2011/000262 de 14/03/2011
(87) WO 2011/150903 de 08/12/2011

(21) **BR 11 2012 030673-1 1.1**
(30) 02/06/2010 US 61350656
(51) A61F 2/24 (2006.01)
(86) PCT US2011/038715 de 01/06/2011
(87) WO 2011/153210 de 08/12/2011

(21) **BR 11 2012 030674-0 1.1**
(30) 02/06/2010 US 12/792,407
(51) F01L 1/12 (2006.01)
(86) PCT US2011/034958 de 03/05/2011
(87) WO 2011/152942 de 08/12/2011

(21) **BR 11 2012 030675-8 1.1**
(51) H01Q 1/08 (2006.01), H01Q 1/12 (2006.01), H01Q 1/24 (2006.01), H01Q 1/38 (2006.01), H01Q 5/00 (2006.01), H01Q 9/04 (2006.01), H01Q 21/20 (2006.01)
(86) PCT ES2010/070370 de 01/06/2010
(87) WO 2011/151478 de 08/12/2011

(21) **BR 11 2012 030676-6 1.1**
(51) G01L 23/00 (2006.01), G01L 23/02 (2006.01), G01R 31/00 (2006.01), H01F 30/00 (2006.01)
(86) PCT CA2010/000836 de 07/06/2010
(87) WO 2011/153604 de 15/12/2011

(21) **BR 11 2012 030677-4 1.1**
(30) 03/06/2010 JP 2010127715
(51) G06T 13/00 (2011.01), G05B 19/418 (2006.01), G06Q 50/00 (2006.01), G06Q 50/10 (2012.01), G06T 13/80 (2011.01)
(86) PCT JP2011/051259 de 25/01/2011
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(21) **BR 11 2012 030678-2 1.1**
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(51) C12N 5/073 (2010.01), A61L 27/52 (2006.01)
(86) PCT US2011/038710 de 01/06/2011
(87) WO 2011/153205 de 08/12/2011

(21) **BR 11 2012 030680-4 1.1**
(30) 18/06/2010 US 12818410
(51) H04W 72/00 (2009.01)
(86) PCT US2011/040165 de 13/06/2011
(87) WO 2011/159603 de 22/12/2011

(21) **BR 11 2012 030681-2 1.1**
(30) 01/06/2010 DE 1020100224081
(51) F01K 25/10 (2006.01), F01K 15/02 (2006.01), F01K 23/06 (2006.01), F25B 43/02 (2006.01), F02G 5/04 (2006.01)
(86) PCT EP2011/002573 de 24/05/2011
(87) WO 2011/151029 de 08/12/2011

(21) **BR 11 2012 030682-0 1.1**
(30) 02/06/2010 EP 10 005731.4
(51) C07K 14/195 (2006.01), C12Q 1/68 (2006.01)
(86) PCT EP2011/002147 de 29/04/2011
(87) WO 2011/150999 de 08/12/2011

(21) **BR 11 2012 030683-9 1.1**
(30) 09/06/2010 DE 2020100077699
(51) F16B 35/04 (2006.01), F16B 35/06 (2006.01)
(86) PCT DE2011/050018 de 07/06/2011
(87) WO 2012/019600 de 16/02/2012

(21) **BR 11 2012 030685-5 1.1**
(30) 08/06/2010 JP 2010130774
(51) A61B 18/12 (2006.01), A61B 5/0408 (2006.01), A61B 5/0478 (2006.01), A61B 5/0492 (2006.01), A61B 17/00 (2006.01)
(86) PCT JP2011/062889 de 06/06/2011
(87) WO 2011/155424 de 15/12/2011

(21) **BR 11 2012 030686-3 1.1**
(30) 31/05/2010 EP 103821542
(51) A61K 47/34 (2006.01)
(86) PCT EP2011/059000 de 31/05/2011
(87) WO 2011/151355 de 08/12/2011

(21) **BR 11 2012 030687-1 1.1**
(30) 01/06/2010 DE 10 2010 022 343.3
(51) B22D 23/00 (2006.01), B22D 33/02 (2006.01), B22D 35/04 (2006.01), B22D 21/04 (2006.01)
(86) PCT EP2011/002311 de 07/05/2011
(87) WO 2011/151007 de 08/12/2011

(21) **BR 11 2012 030688-0 1.1**
(30) 11/06/2010 JP 2010133981; 23/07/2010 JP 2010166423; 24/11/2010 JP 2010261275
(51) G07F 9/00 (2006.01), A23P 1/00 (2006.01), B25J 9/06 (2006.01), G07F 13/00 (2006.01)
(86) PCT JP2011/063287 de 09/06/2011
(87) WO 2011/155575 de 15/12/2011

(21) **BR 11 2012 030689-8 1.1**
(30) 31/05/2010 JP 2010125362
(51) C07D 495/04 (2006.01), A61K 31/519 (2006.01), A61P 3/10 (2006.01), A61P 7/02 (2006.01), A61P 9/10 (2006.01), A61P 9/12 (2006.01), A61P 11/00 (2006.01), A61P 13/02 (2006.01), A61P 13/04 (2006.01), A61P 13/08 (2006.01), A61P 13/10 (2006.01), A61P 15/10 (2006.01), A61P 25/00 (2006.01), A61P 25/28 (2006.01)
(86) PCT JP2011/062513 de 31/05/2011
(87) WO 2011/152411 de 08/12/2011

(21) **BR 11 2012 030690-1 1.1**
(30) 01/06/2010 US 61/350,430; 01/09/2010 US 61/379,335
(51) G02B 6/38 (2006.01), G02B 6/42 (2006.01), H01R 13/40 (2006.01)
(86) PCT US2011/038533 de 31/05/2011
(87) WO 2011/153132 de 08/12/2011

(21) **BR 11 2012 030691-0 1.1**
(30) 04/03/2011 JP 2011048124
(51) G06F 17/30 (2006.01)
(86) PCT JP2012/054211 de 22/02/2012
(87) WO 2012/121011 de 13/09/2012

(21) **BR 11 2012 030692-8 1.1**
(30) 02/06/2010 DE 10 2010 029 679.1; 15/11/2010 DE 10 2010 043 898.7
(51) F16D 55/228 (2006.01), F16D 65/092 (2006.01), F16D 65/097 (2006.01)
(86) PCT EP2011/058543 de 25/05/2011
(87) WO 2011/151235 de 08/12/2011

(21) **BR 11 2012 030693-6 1.1**
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(51) A61B 17/03 (2006.01)
(86) PCT CN2011/075072 de 01/06/2011
(87) WO 2011/150847 de 08/12/2011

(21) **BR 11 2012 030694-4 1.1**
(30) 01/06/2010 DE 102010022313.1
(51) B60G 3/01 (2006.01)
(86) PCT EP2011/058848 de 30/05/2011

(87) WO 2011/151292 de 08/12/2011

(21) **BR 11 2012 030695-2 1.1**
(30) 04/06/2010 DE 10 2010 022 773.0
(51) C21B 13/00 (2006.01), C21B 13/14 (2006.01), C21C 5/52 (2006.01)
(86) PCT EP2011/002498 de 19/05/2011
(87) WO 2011/151020 de 08/12/2011

(21) **BR 11 2012 030696-0 1.1**
(30) 04/06/2010 US 61351540; 25/05/2011 US 13115630
(51) E21B 25/02 (2006.01)
(86) PCT US2011/038572 de 31/05/2011
(87) WO 2011/153149 de 08/12/2011

(21) **BR 11 2012 030698-7 1.1**
(30) 03/06/2010 NO 20100800
(51) E21B 21/10 (2006.01), E21B 21/08 (2006.01)
(86) PCT EP2011/059204 de 03/06/2011
(87) WO 2011/151446 de 08/12/2011

(21) **BR 11 2012 030699-5 1.1**
(30) 02/06/2010 US 61396800; 04/03/2011 US 61449513
(51) A61K 31/337 (2006.01), A61K 47/42 (2006.01), A61K 9/14 (2006.01), A61P 35/04 (2006.01)
(86) PCT US2011/037449 de 20/05/2011
(87) WO 2011/153009 de 08/12/2011

(21) **BR 11 2012 030700-2 1.1**
(30) 01/06/2010 US 613850199
(51) C08L 95/00 (2006.01), C08L 91/00 (2006.01), C08L 23/00 (2006.01), E01C 7/18 (2006.01), E04D 1/22 (2006.01)
(86) PCT US2011/038577 de 31/05/2011
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(21) **BR 11 2012 030701-0 1.1**
(30) 04/06/2010 DK 201000478
(51) B63B 27/34 (2006.01), B63B 27/24 (2006.01), E21B 17/01 (2006.01)
(86) PCT DK2011/050198 de 06/06/2011
(87) WO 2011/150945 de 08/12/2011

(21) **BR 11 2012 030702-9 1.1**
(30) 02/06/2010 EP 101647212; 17/01/2011 US 61433400
(51) A61F 2/90 (2013.01)
(86) PCT EP2011/058931 de 31/05/2011
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(21) **BR 11 2012 030703-7 1.1**
(30) 03/06/2010 US 20100799
(51) E21B 34/02 (2006.01), F16K 3/02 (2006.01), F16K 27/04 (2006.01)
(86) PCT EP2011/059202 de 03/06/2011
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(21) **BR 11 2012 030704-5 1.1**
(30) 04/06/2010 EP 103840021
(51) A61K 9/20 (2006.01), C07C 59/64 (2006.01), A61K 31/135 (2006.01), A61K 31/415 (2006.01)
(86) PCT EP2011/002749 de 03/06/2011
(87) WO 2011/151080 de 08/12/2011

(21) **BR 11 2012 030706-1 1.1**
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(51) C09K 8/467 (2006.01), C04B 24/24 (2006.01), C04B 24/38 (2006.01)
(86) PCT GB2011/000866 de 08/06/2011
(87) WO 2011/154699 de 15/12/2011

(21) **BR 11 2012 030707-0 1.1**
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(51) A61K 47/34 (2006.01)
(86) PCT EP2011/059001 de 31/05/2011
(87) WO 2011/151356 de 08/12/2011

(21) **BR 11 2012 030709-6 1.1**
(30) 31/05/2010 JP 2010125080; 24/05/2011 JP 2011115595
(51) C22C 38/00 (2006.01), C21D 8/02 (2006.01), C21D 9/46 (2006.01), C22C 38/14 (2006.01), C22C 38/60 (2006.01)
(86) PCT JP2011/062857 de 30/05/2011
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(51) E21B 43/01 (2006.01)
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(21) **BR 11 2012 030711-8 1.1**
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(51) C07D 473/34 (2006.01), A61K 31/522 (2006.01), A61P 7/02 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01), A61P 37/06 (2006.01), A61P 43/00 (2006.01)
(86) PCT JP2011/062377 de 30/05/2011
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(21) **BR 11 2012 030712-6 1.1**
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(51) B64D 43/02 (2006.01), G05D 1/00 (2006.01)
(86) PCT EP2011/058505 de 24/05/2011
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(21) **BR 11 2012 030713-4 1.1**
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(51) A61B 5/01 (2006.01), A61B 5/02 (2006.01), A61B 5/053 (2006.01), G01G 19/414 (2006.01), G06F 19/00 (2011.01)
(86) PCT DE2011/001137 de 30/05/2011
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(30) 01/06/2010 DK PA201000474
(51) C01B 3/36 (2006.01), C01B 3/38 (2006.01), C10G 45/32 (2006.01), C01B 3/16 (2006.01)
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(21) **BR 11 2012 030715-0 1.1**
(30) 31/05/2010 FR 1002286
(51) C21D 9/52 (2006.01), C22C 38/04 (2006.01), C22C 38/02 (2006.01), C21D 1/20 (2006.01), C21D 9/58 (2006.01)
(86) PCT FR2011/000167 de 23/03/2011
(87) WO 2011/151532 de 08/12/2011

(21) **BR 11 2012 030716-9 1.1**
(30) 02/06/2010 RU 2010122442
(51) H01F 29/14 (2006.01), H01F 27/26 (2006.01)
(86) PCT RU2010/000819 de 18/02/2011
(87) WO 2011/152753 de 08/12/2011

(21) **BR 11 2012 030717-7 1.1**
(30) 01/06/2010 US 61350231; 01/06/2010 US 61350243
(51) A63B 71/08 (2006.01)
(86) PCT US2011/038778 de 01/06/2011
(87) WO 2011/153252 de 08/12/2011

(21) **BR 11 2012 030718-5 1.1**
(30) 01/06/2010 FR 1002298
(51) C09D 5/08 (2006.01), C10N 30/06 (2006.01), C23F 11/08 (2006.01), F16L 15/00 (2006.01), F16L 57/00 (2006.01), F16L 58/04 (2006.01)
(86) PCT EP2011/002569 de 24/05/2011
(87) WO 2011/151028 de 08/12/2011

(21) **BR 11 2012 030724-0 1.1**
(30) 04/06/2010 US 12/793.933; 09/12/2010 US 12/964.037
(51) B65G 15/60 (2006.01), B65G 39/12 (2006.01), B65G 39/10 (2006.01), B65G 15/00 (2006.01)
(86) PCT US2011/038567 de 31/05/2011
(87) WO 2011/153145 de 08/12/2011

(21) **BR 11 2012 030738-0 1.1**
(30) 04/06/2010 DE 10 2010 022 759.5
(51) C08F 220/26 (2006.01), C09K 8/52 (2006.01)
(86) PCT EP2011/002099 de 27/04/2011
(87) WO 2011/150997 de 08/12/2011

(21) **BR 11 2012 030740-1 1.1**
(30) 03/06/2010 US 61/351,028; 06/05/2011 US 13/102,242
(51) F17C 9/02 (2006.01)
(86) PCT US2011/036008 de 11/05/2011
(87) WO 2011/152965 de 08/12/2011

(21) **BR 11 2012 030741-0 1.1**
(30) 03/06/2010 FR 10 02354
(51) H01J 37/244 (2006.01), H01J 37/32 (2006.01), H01J 47/00 (2006.01)
(86) PCT FR2011/000324 de 01/06/2011
(87) WO 2011/151541 de 08/12/2011

(21) **BR 11 2012 030742-8 1.1**
(30) 02/06/2010 DE 10 2010 029 606.6
(51) C07C 213/06 (2006.01), C07C 219/08 (2006.01)
(86) PCT EP2011/056924 de 02/05/2011
(87) WO 2011/151119 de 08/12/2011

(21) **BR 11 2012 030743-6 1.1**
(30) 03/06/2010 EP EP10164839
(51) C11D 1/52 (2006.01), C11D 1/86 (2006.01)
(86) PCT EP2011/057935 de 17/05/2011
(87) WO 2011/151170 de 08/12/2011

(21) **BR 11 2012 030744-4 1.1**
(30) 04/06/2010 DE 10 2010 029 694.5
(51) B23K 26/02 (2006.01), B23K 26/03 (2006.01), B23K 26/04 (2006.01)
(86) PCT EP2011/058366 de 23/05/2011
(87) WO 2011/151214 de 08/12/2011

(21) **BR 11 2012 030745-2 1.1**
(30) 01/06/2010 US 61/350,306
(51) A61K 8/00 (2006.01), A61K 8/18 (2006.01)
(86) PCT US2011/031777 de 08/04/2011
(87) WO 2011/152923 de 08/12/2011

(21) **BR 11 2012 030746-0 1.1**
(30) 03/06/2010 US 61/351,286
(51) C12N 15/81 (2006.01), C12N 15/00 (2006.01), C12N 5/00 (2006.01)
(86) PCT US2011/039092 de 03/06/2011
(87) WO 2011/153449 de 08/12/2011

(21) **BR 11 2012 030749-5 1.1**
(30) 25/08/2010 JP 2010-188717
(51) C08L 9/02 (2006.01), C08K 5/09 (2006.01), C08L 27/06 (2006.01), C08L 91/06 (2006.01), C09K 3/10 (2006.01), F16J 15/10 (2006.01)
(86) PCT JP2011/067355 de 28/07/2011
(87) WO 2012/026283 de 01/03/2012

(21) **BR 11 2012 030751-7 1.1**
(30) 04/06/2010 US 12/794,142
(51) A61B 17/17 (2006.01), A61B 17/34 (2006.01)
(86) PCT US2011/038351 de 27/05/2011
(87) WO 2011/153094 de 08/12/2011

(21) **BR 11 2012 030754-1 1.1**
(30) 03/06/2010 BE BE2010/0341; 17/02/2011 BE BE2011/0106; 25/03/2011 IB PCT/IB2011/051276; 29/03/2011 US 61/468,902
(51) A47B 47/04 (2006.01), F16B 12/12 (2006.01)
(86) PCT IB2011/052240 de 23/05/2011
(87) WO 2011/151758 de 08/12/2011

(21) **BR 11 2012 030755-0 1.1**
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(51) H04L 12/58 (2006.01)
(86) PCT CN2011/077711 de 28/07/2011
(87) WO 2012/028046 de 08/03/2012

(21) **BR 11 2012 030756-8 1.1**
(30) 02/06/2010 NO 20100797
(51) B01D 53/14 (2006.01), B01D 53/62 (2006.01), B01D 53/78 (2006.01), B01D 19/00 (2006.01), F23J 15/04 (2006.01)
(86) PCT EP2011/059076 de 01/06/2011
(87) WO 2011/151390 de 08/12/2011

(21) **BR 11 2012 030757-6 1.1**
(30) 02/06/2010 US 12/792,003
(51) F16H 55/40 (2006.01)
(86) PCT US2011/038018 de 26/05/2011
(87) WO 2011/153045 de 08/12/2011

(21) **BR 11 2012 030760-6 1.1**
(30) 03/06/2010 FR 10 02353
(51) H01J 37/244 (2006.01), H01J 37/32 (2006.01)
(86) PCT FR2011/000323 de 01/06/2011
(87) WO 2011/151540 de 08/12/2011

(21) **BR 11 2012 030764-9 1.1**
(30) 02/06/2010 US 61/350,871
(51) A01N 43/58 (2006.01), A61K 31/50 (2006.01), A61K 31/495 (2006.01)
(86) PCT US2011/038953 de 02/06/2011
(87) WO 2011/153368 de 08/12/2011

(21) **BR 11 2012 030766-5 1.1**
(30) 04/06/2010 DE 10 2010 022 726.9
(51) G06T 17/05 (2011.01), G06T 17/00 (2006.01), G08G 5/00 (2006.01), G01C 23/00 (2006.01)
(86) PCT DE2011/001105 de 25/05/2011
(87) WO 2012/006983 de 19/01/2012

(21) **BR 11 2012 030777-0 1.1**
(30) 02/06/2010 SE 1050558-4
(51) B65G 17/20 (2006.01), B65G 17/40 (2006.01), B65G 47/61 (2006.01)
(86) PCT SE2011/050672 de 30/05/2011
(87) WO 2011/152785 de 08/12/2011

(21) **BR 11 2012 030779-7 1.1**

(51) B60W 10/26 (2006.01), B60L 3/00 (2006.01), B60W 10/06 (2006.01), B60W 10/30 (2006.01), B60W 20/00 (2006.01)
(86) PCT SE2010/000151 de 02/06/2010
(87) WO 2011/152763 de 08/12/2011

(21) **BR 11 2012 030780-0 1.1**
(30) 03/06/2010 FI 20105628; 28/07/2010 FI 20105829
(51) C10G 65/12 (2006.01), C07C 4/06 (2006.01), C07C 51/265 (2006.01), C08G 63/183 (2006.01), C08G 63/78 (2006.01), C07C 15/08 (2006.01), C07C 63/26 (2006.01)
(86) PCT FI2011/050520 de 03/06/2011
(87) WO 2011/151528 de 08/12/2011

(21) **BR 11 2012 030782-7 1.1**
(30) 03/06/2010 FI 20105630
(51) C07C 5/373 (2006.01), C01B 39/24 (2006.01), C07C 15/02 (2006.01)
(86) PCT FI2011/050518 de 03/06/2011
(87) WO 2011/151526 de 08/12/2011

(21) **BR 11 2012 030783-5 1.1**
(30) 03/06/2010 US 61351281; 22/06/2010 US 61357505; 10/07/2010 US 61363241; 12/07/2010 US 61363511; 23/07/2010 US 61367185; 23/11/2010 US 61416593
(51) A01N 43/42 (2006.01), A61K 31/44 (2006.01), C07D 291/00 (2006.01)
(86) PCT US2011/039085 de 03/06/2011
(87) WO 2011/153444 de 08/12/2011

(21) **BR 11 2012 030784-3 1.1**
(30) 04/06/2010 EP 100058023
(51) A01H 1/06 (2006.01)
(86) PCT US2011/039086 de 03/06/2011
(87) WO 2011/153445 de 08/12/2011

(21) **BR 11 2012 030786-0 1.1**
(30) 04/06/2010 US 61351403; 05/05/2011 US 13101285
(51) B67D 1/00 (2006.01), B67D 1/07 (2006.01), B67D 1/08 (2006.01), B67D 1/12 (2006.01), B67D 1/16 (2006.01)
(86) PCT US2011/038997 de 03/06/2011
(87) WO 2011/153394 de 08/12/2011

(21) **BR 11 2012 030787-8 1.1**
(30) 04/06/2010 JP 2010-128585; 29/09/2010 JP 2010-218299
(51) C07D 239/47 (2006.01), A61K 31/505 (2006.01), A61P 3/06 (2006.01), A61P 9/10 (2006.01), A61P 13/08 (2006.01), A61P 13/12 (2006.01), A61P 17/06 (2006.01), A61P 19/10 (2006.01), A61P 25/28 (2006.01), A61P 27/02 (2006.01), A61P 29/00 (2006.01), A61P 31/12 (2006.01), A61P 33/00 (2006.01), A61P 35/00 (2006.01), A61P 43/00 (2006.01)
(86) PCT JP2011/062751 de 03/11/2011
(87) WO 2011/152508 de 08/12/2011

(21) **BR 11 2012 030788-6 1.1**
(30) 04/06/2010 US 61351593
(51) C07K 16/40 (2006.01), C12N 5/12 (2006.01), G01N 33/573 (2006.01)
(86) PCT US2011/038848 de 02/06/2011
(87) WO 2011/153300 de 08/12/2011

(21) **BR 11 2012 030789-4 1.1**
(30) 03/06/2010 US 12/793.536
(51) E06B 3/00 (2006.01)
(86) PCT US2011/038963 de 02/06/2011
(87) WO 2011/153375 de 08/12/2011

(21) **BR 11 2012 030791-6 1.1**
(30) 03/06/2010 US 61351142
(51) A61F 2/28 (2006.01), A61B 17/56 (2006.01), A61B 17/58 (2006.01), A61B 5/103 (2006.01), A61L 27/14 (2006.01)
(86) PCT US2011/039121 de 03/06/2011
(87) WO 2011/153468 de 08/12/2011

(21) **BR 11 2012 030792-4 1.1**
(30) 04/06/2010 US 61351628
(51) A23G 9/28 (2006.01), A23G 9/48 (2006.01)
(86) PCT US2011/039118 de 03/06/2011
(87) WO 2011/153465 de 08/12/2011

(21) **BR 11 2012 030793-2 1.1**
(30) 03/06/2010 US 61/350,994; 03/06/2010 SE 1050563-4
(51) A61M 5/315 (2006.01)
(86) PCT SE2011/050582 de 09/05/2011
(87) WO 2011/152772 de 08/12/2011

(21) **BR 11 2012 030794-0 1.1**
(30) 04/06/2010 EP 10305596.8
(51) A61K 39/39 (2006.01)
(86) PCT EP2011/059287 de 04/04/2011
(87) WO 2011/151471 de 08/12/2011

(21) **BR 11 2012 030795-9 1.1**
(30) 03/06/2010 AU 2010902438
(51) A43B 5/02 (2006.01)
(86) PCT AU2011/000389 de 05/04/2011
(87) WO 2011/150446 de 08/12/2011

(21) **BR 11 2012 030796-7 1.1**
(30) 26/01/2011 JP 2011-014494; 26/01/2011 JP 2011-014495
(51) C07C 1/20 (2006.01), B01J 29/18 (2006.01), B01J 29/40 (2006.01), B01J 29/46 (2006.01), B01J 29/48 (2006.01), B01J 29/70 (2006.01), B60C 1/00 (2006.01), C07C 2/86 (2006.01), C07C 11/167 (2006.01), C07C 15/04 (2006.01), C07C 15/46 (2006.01), C07C 201/08 (2006.01), C07C 205/06 (2006.01), C07C 209/36 (2006.01), C07C 211/46 (2006.01), C07B 61/00 (2006.01), C08F 36/06 (2006.01), C12P 7/02 (2006.01), C12P 7/16 (2006.01), C12P 7/28 (2006.01)
(86) PCT JP2012/051503 de 25/01/2012
(87) WO 2012/102290 de 02/08/2012

(21) **BR 11 2012 030797-5 1.1**
(30) 02/06/2010 FR 1002326
(51) F23C 99/00 (2006.01), F23C 10/10 (2006.01), F23C 10/00 (2006.01), B01D 49/00 (2006.01), B01J 8/26 (2006.01)
(86) PCT FR2011/000317 de 27/05/2011
(87) WO 2011/151537 de 08/12/2011

(21) **BR 11 2012 030798-3 1.1**
(30) 07/06/2010 JP 2010130164
(51) C22C 38/00 (2006.01), B21B 3/00 (2006.01), C21D 8/00 (2006.01), C21D 9/04 (2006.01), C22C 38/34 (2006.01), C22C 38/54 (2006.01)
(86) PCT JP2011/063020 de 07/06/2011
(87) WO 2011/155481 de 15/12/2011

(21) **BR 11 2012 030801-7 1.1**
(30) 04/06/2010 EP 100058023
(51) A01N 43/72 (2006.01)
(86) PCT US2011/039082 de 03/06/2011
(87) WO 2011/153442 de 08/12/2011

(21) **BR 11 2012 030802-5 1.1**
(30) 06/07/2010 JP 2010-154233
(51) C12M 1/00 (2006.01), C12P 7/08 (2006.01)
(86) PCT JP2011/065375 de 05/07/2011
(87) WO 2012/005246 de 12/01/2012

(21) **BR 11 2012 030803-3 1.1**
(30) 03/06/2010 US 61351212
(51) E06B 7/16 (2006.01)
(86) PCT US2011/038708 de 01/06/2011
(87) WO 2011/153203 de 08/12/2011

(21) **BR 11 2012 030805-0 1.1**
(30) 01/06/2010 US 12791681
(51) A61K 39/395 (2006.01), A61P 35/00 (2006.01), C07K 16/28 (2006.01)
(86) PCT EP2011/059139 de 01/06/2011
(87) WO 2011/151412 de 08/12/2011

(21) **BR 11 2012 030806-8 1.1**
(30) 03/06/2010 DK PA 2010 70243
(51) A01H 5/10 (2006.01), C12C 1/18 (2006.01), C12C 7/00 (2006.01), C12C 12/00 (2006.01), C12N 9/10 (2006.01), C12N 15/82 (2006.01)
(86) PCT DK2011/050186 de 31/05/2011
(87) WO 2011/150933 de 08/12/2011

(21) **BR 11 2012 030807-6 1.1**
(51) B65D 90/42 (2006.01)
(86) PCT US2010/037524 de 04/06/2010
(87) WO 2011/152836 de 08/12/2011

(21) **BR 11 2012 030809-2 1.1**
(30) 03/06/2010 US 61/351,172
(51) A23L 1/304 (2006.01), A23L 2/39 (2006.01), A23L 2/52 (2006.01)
(86) PCT US2011/039123 de 03/06/2011
(87) WO 2011/153470 de 08/12/2011

(21) **BR 11 2012 030810-6 1.1**
(30) 04/06/2010 US 61/351,332
(51) C07J 63/00 (2006.01), A61P 31/12 (2006.01), A61P 31/18 (2006.01), A61K 31/56 (2006.01)
(86) PCT US2011/038884 de 02/06/2011
(87) WO 2011/153319 de 08/12/2011

(21) **BR 11 2012 030811-4 1.1**
(30) 03/06/2010 US 12/793,428
(51) B01F 3/04 (2006.01)
(86) PCT US2011/039012 de 03/06/2011
(87) WO 2011/153403 de 08/12/2011

(21) **BR 11 2012 030812-2 1.1**
(30) 04/06/2010 US 61/351,611
(51) G07F 11/04 (2006.01)
(86) PCT US2011/039111 de 03/06/2011
(87) WO 2011/153461 de 08/12/2011

(21) **BR 11 2012 030813-0 1.1**
(30) 03/06/2010 US 61/351,064
(51) C12Q 1/68 (2006.01)
(86) PCT US2011/038934 de 02/06/2011
(87) WO 2011/153354 de 08/12/2011

(21) **BR 11 2012 030814-9 1.1**
(30) 04/06/2010 US 61/351,599
(51) C07D 487/04 (2006.01), A61K 31/4985 (2006.01), A61P 19/02 (2006.01), A61P 11/06 (2006.01), A61P 3/10 (2006.01), A61P 29/00 (2006.01)
(86) PCT EP2011/059003 de 01/06/2011
(87) WO 2011/151357 de 08/12/2011

(21) **BR 11 2012 030815-7 1.1**
(30) 04/06/2010 US 12/794,547
(51) E21B 43/12 (2006.01), E21B 33/076 (2006.01), F04B 47/02 (2006.01), F04D 13/10 (2006.01), F04D 29/60 (2006.01), E21B 19/00 (2006.01)
(86) PCT US2011/037467 de 20/05/2011
(87) WO 2011/153011 de 08/12/2011

(21) **BR 11 2012 030816-5 1.1**
(30) 08/06/2010 GB 1009603.0
(51) C07D 211/56 (2006.01), C07D 223/12 (2006.01), C07D 401/12 (2006.01), A61K 31/4523 (2006.01), A61K 31/45 (2006.01), A61K 31/55 (2006.01), A61P 29/00 (2006.01), A61P 37/00 (2006.01), A61P 17/06 (2006.01)
(86) PCT GB2011/000863 de 08/06/2011
(87) WO 2011/154696 de 15/12/2011

(21) **BR 11 2012 030817-3 1.1**
(30) 04/06/2010 FR 1054418
(51) C22C 38/02 (2006.01), C22C 38/04 (2006.01), C22C 38/12 (2006.01), C22C 38/22 (2006.01), C22C 38/24 (2006.01), C22C 38/26 (2006.01)
(86) PCT EP2011/058134 de 19/05/2011
(87) WO 2011/151186 de 08/12/2011

(21) **BR 11 2012 030818-1 1.1**
(30) 04/06/2010 US 61/351,338
(51) C07J 63/00 (2006.01), A61P 31/12 (2006.01), A61P 31/18 (2006.01), A61K 31/56 (2006.01)
(86) PCT US2011/038879 de 02/06/2011
(87) WO 2011/153315 de 08/12/2011

(21) **BR 11 2012 030820-3 1.1**
(30) 04/06/2010 US 61/351,530; 04/05/2011 US 61/482,455
(51) C07D 403/14 (2006.01), C07D 473/16 (2006.01), A61K 31/52 (2006.01)
(86) PCT EP2011/059009 de 01/06/2011
(87) WO 2011/151360 de 08/12/2011

(21) **BR 11 2012 030824-6 1.1**
(30) 01/06/2010 FR 1054276
(51) E06B 9/58 (2006.01), E06B 9/06 (2006.01)
(86) PCT FR2011/051258 de 01/06/2011
(87) WO 2011/151600 de 08/12/2011

(21) **BR 11 2012 030825-4 1.1**
(30) 02/06/2010 US 61396716
(51) C11D 3/22 (2006.01), C11D 3/43 (2006.01)
(86) PCT US2011/001000 de 02/06/2011
(87) WO 2011/152872 de 08/12/2011

(21) **BR 11 2012 030826-2 1.1**
(30) 02/06/2010 FR 1054286
(51) F16H 63/20 (2006.01), F16H 59/02 (2006.01)
(86) PCT FR2011/051245 de 31/05/2011

(87) WO 2011/151593 de 08/12/2011

(21) **BR 11 2012 030827-0 1.1**
(30) 02/06/2010 FR 1054285
(51) F16H 63/32 (2006.01)
(86) PCT FR2011/051246 de 31/05/2011
(87) WO 2011/151594 de 08/12/2011

(21) **BR 11 2012 030830-0 1.1**
(30) 04/06/2010 FR 1054394
(51) B29C 70/22 (2006.01), B29B 11/16 (2006.01), B29C 57/00 (2006.01)
(86) PCT FR2011/051216 de 27/05/2011
(87) WO 2011/151578 de 08/12/2011

(21) **BR 11 2012 030832-7 1.1**
(30) 04/06/2010 FR 1054421
(51) F02C 7/266 (2006.01)
(86) PCT FR2011/051181 de 25/05/2011
(87) WO 2011/151567 de 08/12/2011

(21) **BR 11 2012 030833-5 1.1**
(30) 04/06/2010 JP 2010129267
(51) C07C 13/62 (2006.01), C09K 11/06 (2006.01), H01L 51/50 (2006.01)
(86) PCT JP2011/062644 de 26/05/2011
(87) WO 2011/152477 de 08/12/2011

(21) **BR 11 2012 030834-3 1.1**
(30) 03/06/2010 US 12793414
(51) G01V 1/42 (2006.01), G01V 1/46 (2006.01)
(86) PCT US2011/035595 de 06/05/2011
(87) WO 2011/152956 de 08/12/2011

(21) **BR 11 2012 030835-1 1.1**
(30) 03/06/2010 US 12793420
(51) G01V 1/04 (2006.01), G01V 1/40 (2006.01), G01V 1/46 (2006.01)
(86) PCT US2011/035608 de 06/05/2011
(87) WO 2011/152957 de 08/12/2011

(21) **BR 11 2012 030836-0 1.1**
(30) 02/06/2010 US 61/350,553; 20/01/2011 US 61/434,582; 04/04/2011 US 61/471,622
(51) A01H 5/00 (2006.01), C12N 5/04 (2006.01), C12P 7/58 (2006.01), C07H 21/04 (2006.01), C12N 9/10 (2006.01), C12P 21/04 (2006.01), C12N 5/00 (2006.01), C12N 15/00 (2006.01), A23L 1/236 (2006.01)
(86) PCT US2011/038967 de 02/06/2011
(87) WO 2011/153378 de 08/12/2011

(21) **BR 11 2012 030837-8 1.1**
(30) 03/06/2010 US 12793407
(51) G01V 1/46 (2006.01)
(86) PCT US2011/035358 de 05/05/2011
(87) WO 2011/152954 de 08/12/2011

(21) **BR 11 2012 030839-4 1.1**
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(51) G08C 17/00 (2006.01)
(86) PCT US2011/038118 de 26/05/2011
(87) WO 2011/156149 de 15/12/2011

(21) **BR 11 2012 030840-8 1.1**
(30) 02/06/2010 DE 10 2010 022 476.6
(51) F16H 1/16 (2006.01), B66C 23/84 (2006.01), E02F 9/12 (2006.01), F24J 2/54 (2006.01)
(86) PCT EP2011/002658 de 30/05/2011
(87) WO 2011/151046 de 08/12/2011

(21) **BR 11 2012 030841-6 1.1**
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(51) A61K 9/16 (2006.01), A61K 9/22 (2006.01), A61K 31/195 (2006.01), A61K 31/216 (2006.01), A61K 45/06 (2006.01), A61P 25/16 (2006.01), A61K 9/24 (2006.01)
(86) PCT US2010/002937 de 08/11/2010
(87) WO 2011/056240 de 12/05/2011

(21) **BR 11 2012 030842-4 1.1**
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(51) C08F 251/00 (2006.01), C08F 292/00 (2006.01), A61L 15/60 (2006.01), C09K 17/40 (2006.01)
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(51) G21C 11/06 (2006.01), G21F 3/04 (2006.01), G21C 1/07 (2006.01)
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(21) **BR 11 2012 030876-9 1.1**
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(51) F16L 59/20 (2006.01), F16L 1/12 (2006.01), F16L 13/02 (2006.01), F16L 25/00 (2006.01)
(86) PCT CA2011/050334 de 02/06/2011
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(51) B60W 30/14 (2006.01), G01C 21/34 (2006.01)
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(21) **BR 11 2012 030953-6 1.1**
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(51) F02M 43/00 (2006.01), F02M 57/02 (2006.01)
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(21) **BR 11 2012 030954-4 1.1**
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(51) F02M 43/02 (2006.01), F02M 37/00 (2006.01)
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(51) B65D 83/70 (2006.01), B65D 83/38 (2006.01), B65D 1/16 (2006.01)
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(51) G01N 25/02 (2006.01), B22D 2/00 (2006.01), C22C 33/08 (2006.01)
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(51) F16H 59/52 (2006.01), G01G 19/08 (2006.01)
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(51) B22C 9/02 (2006.01), G01N 21/00 (2006.01), G01N 25/56 (2006.01)
(86) PCT SE2011/050879 de 30/06/2011
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(51) C08F 220/06 (2006.01), C08F 220/12 (2006.01), C08F 220/28 (2006.01), C08F 220/58 (2006.01), A61K 8/81 (2006.01), C04B 24/26 (2006.01), C08F 2/22 (2006.01), C08F 283/06 (2006.01), C09D 7/12 (2006.01), C11D 3/37 (2006.01), D21H 21/14 (2006.01)
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(51) C21D 1/673 (2006.01), C21D 1/74 (2006.01), C21D 8/04 (2006.01), C21D 9/48 (2006.01), C21D 9/56 (2006.01), C23C 8/26 (2006.01)
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(51) C12N 15/09 (2006.01), A01H 1/00 (2006.01), A01H 5/00 (2006.01), A01N 63/00 (2006.01), A01P 1/00 (2006.01), C07K 14/00 (2006.01)
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(51) A61Q 1/02 (2006.01), A61K 8/04 (2006.01), A61K 8/19 (2006.01), A61K 8/25 (2006.01), A61K 8/29 (2006.01), A61K 8/34 (2006.01)
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(51) F02K 1/72 (2006.01)
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(51) B05B 7/08 (2006.01), B01F 5/06 (2006.01), B05C 17/005 (2006.01), B05B 7/04 (2006.01), B05B 7/10 (2006.01)
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(51) C12P 7/06 (2006.01), C12P 19/02 (2006.01)
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(51) H02K 9/06 (2006.01), B29C 45/14 (2006.01), F04D 29/26 (2006.01), F04D 29/28 (2006.01), B29L 31/08 (2006.01)
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(51) A61K 31/765 (2006.01), A61K 31/17 (2006.01), A61P 7/08 (2006.01)
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(51) B08B 1/02 (2006.01), B08B 1/00 (2006.01)
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(51) B60H 1/00 (2006.01), B60H 1/32 (2006.01)
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(51) C21B 13/10 (2006.01), C21B 11/08 (2006.01), C22B 1/16 (2006.01), C22B 1/248 (2006.01)
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(51) H01R 13/436 (2006.01), H01R 13/629 (2006.01)
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(51) B60T 1/10 (2006.01), B60T 13/74 (2006.01)
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(51) G06F 19/00 (2011.01), G06F 13/00 (2006.01), G06F 17/30 (2006.01), G06Q 50/10 (2012.01)
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(86) PCT US2011/036444 de 13/05/2011
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(51) A01N 27/00 (2006.01), A61K 9/14 (2006.01)
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(21) **BR 11 2012 031083-6 1.1**
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(51) C08F 10/08 (2006.01), C08F 10/10 (2006.01), D21H 17/35 (2006.01), D21H 21/14 (2006.01)
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(21) **BR 11 2012 031084-4 1.1**
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(51) A61F 2/34 (2006.01), A61F 2/46 (2006.01), A61B 17/74 (2006.01)
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(51) A01P 7/04 (2006.01), A01N 43/80 (2006.01), A01N 43/90 (2006.01), A01N 47/06 (2006.01), A01N 51/00 (2006.01), A01N 53/00 (2006.01)
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(51) A01D 45/10 (2006.01)
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(51) E21B 29/00 (2006.01)
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(51) H04W 28/06 (2009.01), H04W 72/04 (2009.01)
(86) PCT JP2011/003337 de 13/06/2011
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(21) **BR 11 2012 031093-3 1.1**
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(51) A01P 7/04 (2006.01), A01N 43/40 (2006.01), A01N 43/54 (2006.01), A01N 43/56 (2006.01), A01N 43/653 (2006.01), A01N 43/80 (2006.01), A01N 47/24 (2006.01)
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(21) **BR 11 2012 031094-1 1.1**
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(51) C07D 265/30 (2006.01), C07D 413/04 (2006.01), A61K 31/535 (2006.01), A61K 31/5355 (2006.01), A61P 25/28 (2006.01), A61P 25/16 (2006.01)
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(21) **BR 11 2012 031120-4 1.1**
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(51) F03G 7/00 (2006.01)
(86) PCT US11/039448 de 07/06/2011
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(51) A61M 5/20 (2006.01), A61M 5/142 (2006.01)
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(21) **BR 11 2012 031122-0 1.1**
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(51) B65D 33/38 (2006.01), B65D 47/20 (2006.01), B65D 51/18 (2006.01), B65D 47/36 (2006.01)
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(51) E06B 7/08 (2006.01)
(86) PCT US11/039473 de 07/06/2011
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(21) **BR 11 2012 031128-0 1.1**
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(51) C12P 5/00 (2006.01), C12P 7/10 (2006.01), C12P 7/64 (2006.01), C12P 19/02 (2006.01)
(86) PCT EP11/059976 de 15/06/2011
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(21) **BR 11 2012 031129-8 1.1**
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(51) C12P 7/10 (2006.01), C12P 7/16 (2006.01), C12P 7/64 (2006.01)
(86) PCT EP2011/059980 de 15/06/2011
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(21) **BR 11 2012 031133-6 1.1**
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(51) A61F 13/15 (2006.01)
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(21) **BR 11 2012 031134-4 1.1**
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(51) C23C 18/16 (2006.01), C25D 15/00 (2006.01), C25D 5/10 (2006.01), C25D 17/16 (2006.01)
(86) PCT US2011/039918 de 10/06/2011
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(51) C08F 10/00 (2006.01), C08F 2/34 (2006.01), C08F 2/00 (2006.01), C08F 2/01 (2006.01)
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(51) A01N 25/04 (2006.01), A01N 25/28 (2006.01), A01N 37/40 (2006.01), A01N 57/20 (2006.01)
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(51) C07D 215/18 (2006.01), C07D 215/20 (2006.01), A01N 43/42 (2006.01)
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(51) F16C 33/64 (2006.01), B23K 11/04 (2006.01), F16C 19/50 (2006.01)
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(51) A61L 2/00 (2006.01), C02F 1/32 (2006.01)
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(51) B21D 53/28 (2006.01), B21H 5/00 (2006.01), B23F 17/00 (2006.01), B23P 15/14 (2006.01), F16H 55/17 (2006.01)
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(51) E21B 49/00 (2006.01), G01N 15/02 (2006.01), E21B 21/07 (2006.01), E21C 39/00 (2006.01)
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(51) C10M 101/04 (2006.01), C10M 169/04 (2006.01), C10M 171/00 (2006.01), C10G 3/00 (2006.01), C07C 4/00 (2006.01)
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(51) C09J 7/02 (2006.01)
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(51) E21B 21/06 (2006.01), E21B 21/07 (2006.01), E21B 49/00 (2006.01), G01N 1/08 (2006.01), G01N 15/02 (2006.01), G01N 33/24 (2006.01)
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(51) H01H 36/00 (2006.01)
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(51) B29D 30/52 (2006.01), B29D 30/56 (2006.01), B29D 30/58 (2006.01), B29D 30/16 (2006.01), B29D 30/30 (2006.01)
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(51) F02C 6/00 (2006.01), F02C 7/22 (2006.01)
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(51) A61F 2/46 (2006.01), A61F 2/30 (2006.01), A61B 17/68 (2006.01), A61F 2/34 (2006.01), A61B 17/76 (2006.01)
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(51) H04N 7/26 (2006.01), H04N 7/34 (2006.01), H04N 7/36 (2006.01), H04N 7/50 (2006.01)
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(51) A61L 29/08 (2006.01), A61L 29/14 (2006.01), A61L 29/02 (2006.01), A61L 29/04 (2006.01), A61L 29/16 (2006.01)
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(21) **BR 11 2012 031163-8 1.1**
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(51) A61K 9/14 (2006.01), A61K 31/337 (2006.01), A61K 47/42 (2006.01), A61K 31/16 (2006.01), A61K 31/7068 (2006.01), A61P 35/00 (2006.01)
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(51) A47J 31/46 (2006.01), A47J 31/54 (2006.01), A47J 31/56 (2006.01)
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(51) B62D 25/20 (2006.01), H01M 2/10 (2006.01)
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(51) B60J 5/00 (2006.01), E05B 17/00 (2006.01), E05B 65/20 (2006.01)
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(51) C07C 37/08 (2006.01), C07C 45/53 (2006.01), C07C 1/20 (2006.01), C07C 39/04 (2006.01), C07C 49/08 (2006.01), C07C 15/46 (2006.01)
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(51) A61M 1/14 (2006.01), A61M 1/16 (2006.01), G01N 21/64 (2006.01)
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(51) H04L 29/06 (2006.01), H04W 80/10 (2009.01), H04W 4/12 (2009.01)
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(51) H01Q 1/12 (2006.01)
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(51) C12P 7/64 (2006.01), C12P 19/02 (2006.01), C12P 7/16 (2006.01), C12P 7/10 (2006.01), C12P 7/14 (2006.01)
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(51) F16M 11/04 (2006.01), F16M 11/10 (2006.01), F16M 11/18 (2006.01)
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(51) F16L 41/06 (2006.01), F16L 47/34 (2006.01)
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(51) A61K 9/00 (2006.01), A61K 47/34 (2006.01), A61K 47/22 (2006.01), A61K 31/485 (2006.01)
(86) PCT GB2011/051057 de 06/06/2011
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(51) A61K 9/12 (2006.01), A61K 31/519 (2006.01), A61P 15/10 (2006.01), A61K 9/00 (2006.01)
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(51) C07H 15/04 (2006.01), A61K 31/7032 (2006.01)
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(21) **BR 11 2012 031310-0 1.1**
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(51) B21B 17/02 (2006.01), B21B 25/04 (2006.01), B21B 45/04 (2006.01)
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(51) C07C 231/02 (2006.01)
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(51) B21B 1/18 (2006.01), B21B 35/02 (2006.01)
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(21) **BR 11 2012 031314-2 1.1**
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(51) C07C 231/02 (2006.01)
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(51) G06F 11/22 (2006.01), G06F 11/30 (2006.01), G06F 13/14 (2006.01)
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(21) **BR 11 2012 031316-9 1.1**
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(51) C23C 2/06 (2006.01), C23C 2/02 (2006.01), C23C 2/14 (2006.01), C23C 2/38 (2006.01)
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(51) H04W 28/06 (2009.01)
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(51) G06F 13/14 (2006.01), G06F 1/32 (2006.01)
(86) PCT US2011/039310 de 06/06/2011
(87) WO 2011/156285 de 15/12/2011

(21) **BR 11 2012 031322-3 1.1**
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(51) H04W 36/08 (2009.01), H04W 36/30 (2009.01), H04W 12/04 (2009.01)
(86) PCT CN2011/075266 de 03/06/2011
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(51) C08B 37/00 (2006.01), C08H 7/00 (2011.01)
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(21) **BR 11 2012 031325-8 1.1**
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(51) C23C 22/36 (2006.01), C23C 22/34 (2006.01), C23C 22/42 (2006.01), C23C 22/44 (2006.01)
(86) PCT JP2011/063163 de 08/06/2011
(87) WO 2011/155538 de 15/12/2011

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(51) G06F 1/26 (2006.01)
(86) PCT US2011/039292 de 06/06/2011
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(51) F03G 7/00 (2006.01)
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(51) C07K 14/705 (2006.01), C07K 16/28 (2006.01)
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(51) B01J 29/00 (2006.01)
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(51) B21B 31/07 (2006.01), F16C 13/02 (2006.01), F16C 33/10 (2006.01), F16C 33/74 (2006.01)
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(51) H04N 13/00 (2006.01), H04N 7/173 (2011.01)
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(51) G06T 7/20 (2006.01), G06F 3/01 (2006.01)
(86) PCT JP2011/057944 de 30/03/2011
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(51) C07D 401/10 (2006.01), C07D 401/12 (2006.01), C07D 403/10 (2006.01), A61K 31/496 (2006.01), A61P 25/28 (2006.01), A61P 25/16 (2006.01)
(86) PCT EP2011/059330 de 07/06/2011
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(51) F27D 25/00 (2010.01)
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(51) C07D 405/12 (2006.01), C07D 401/14 (2006.01), C07D 401/12 (2006.01), A61K 31/4709 (2006.01), A61K 31/506 (2006.01), A61K 31/497 (2006.01), A61K 31/5377 (2006.01), A61P 35/00 (2006.01)
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(51) B01J 23/46 (2006.01)
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(21) **BR 11 2012 031342-8 1.1**
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(51) C08C 19/00 (2006.01), C08K 3/04 (2006.01), C08K 3/36 (2006.01), C08L 15/00 (2006.01)
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(51) C07D 401/14 (2006.01), C07D 403/12 (2006.01), C07D 403/14 (2006.01), C07D 409/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), A61K 31/506 (2006.01), A61P 25/00 (2006.01), A61P 35/00 (2006.01)
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(51) G21B 1/05 (2006.01), H05H 1/12 (2006.01), H05H 3/06 (2006.01)
(86) PCT GB2011/050990 de 26/05/2011
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(51) E21B 43/1185 (2006.01), E21B 43/119 (2006.01)
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(51) A61M 3/00 (2006.01), A61N 5/00 (2006.01)

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(51) A61K 47/48 (2006.01), A61P 25/30 (2006.01), A61K 31/465 (2006.01), C07D 213/82 (2006.01)
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(51) G06Q 10/00 (2006.01), G06Q 50/00 (2006.01)
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(87) WO 2011/151622 de 08/12/2011

(21) **BR 11 2012 031362-2 1.1**
(30) 03/06/2010 US 61/351,165; 06/12/2010 US 61/420,142
(51) C12N 1/15 (2006.01), C12N 1/19 (2006.01)
(86) PCT US11/039192 de 03/06/2011
(87) WO 2011/153516 de 08/12/2011

(21) **BR 11 2012 031365-7 1.1**
(30) 31/05/2010 ES P201000706
(51) E04B 1/348 (2006.01), B28B 7/22 (2006.01), B28B 19/00 (2006.01)
(86) PCT ES10/000306 de 25/08/2010
(87) WO 2011/151475 de 08/12/2011

(21) **BR 11 2012 031367-3 1.1**
(30) 01/06/2010 US 12/791,654; 08/06/2010 US 61/352,822
(51) B32B 1/08 (2006.01), B32B 27/18 (2006.01), F16L 11/08 (2006.01), F16L 33/00 (2006.01)
(86) PCT US11/036981 de 18/05/2011
(87) WO 2011/152991 de 08/12/2011

(21) **BR 11 2012 031369-0 1.1**
(30) 31/05/2010 JP 2010-124823; 16/05/2011 JP 2011-109105
(51) H01M 4/13 (2010.01), H01M 4/04 (2010.01), H01M 4/133 (2010.01), H01M 4/1393 (2010.01), H01M 4/36 (2006.01), H01M 4/587 (2010.01), H01M 4/62 (2006.01), H01M 4/66 (2006.01)
(86) PCT JP11/061990 de 25/05/2011
(87) WO 2011/152263 de 08/12/2011

(21) **BR 11 2012 031371-1 1.1**
(30) 31/05/2010 JP 2010-124409; 18/11/2010 JP 2010-258291; 11/05/2011 JP 2011-106435
(51) H01M 2/10 (2006.01)
(86) PCT JP11/061507 de 19/05/2011
(87) WO 2011/152219 de 08/12/2011

(21) **BR 11 2012 031373-8 1.1**
(30) 04/06/2010 FR 1054383
(51) A61B 17/16 (2006.01), A61B 17/88 (2006.01)
(86) PCT FR11/051267 de 03/06/2011
(87) WO 2011/151606 de 08/12/2011

(21) **BR 11 2012 031375-4 1.1**
(30) 07/06/2010 US 61/352.234
(51) G01N 33/487 (2006.01)
(86) PCT US11/039382 de 07/06/2011
(87) WO 2011/156325 de 15/12/2011

(21) **BR 11 2012 031376-2 1.1**
(30) 24/11/2010 JP 2010-260908
(51) F01N 13/18 (2010.01), B60K 13/04 (2006.01)
(86) PCT IB11/002962 de 24/11/2011
(87) WO 2012/069922 de 31/05/2012

(21) **BR 11 2012 031378-9 1.1**
(30) 31/05/2010 JP 2010-124101
(51) C07D 301/12 (2006.01), B01J 29/89 (2006.01), C07D 301/36 (2006.01), C07D 303/04 (2006.01), C07B 61/00 (2006.01)
(86) PCT JP11/062040 de 19/05/2011
(87) WO 2011/152268 de 08/12/2011

(21) **BR 11 2012 031385-1 1.1**
(30) 09/06/2010 US 61/353,140
(51) A61B 17/43 (2006.01), A61K 38/00 (2006.01)
(86) PCT US11/001052 de 08/06/2011
(87) WO 2011/156002 de 15/12/2011

(21) **BR 11 2012 031406-8 1.1**
(30) 11/06/2010 EP PCT/EP2010/058207; 22/12/2010 EP 10 196633.1
(51) C07D 413/12 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), A01N 43/80 (2006.01), C07D 207/20 (2006.01), C07D 401/04 (2006.01), C07D 403/04 (2006.01), C07D 409/12 (2006.01), C07D 409/14 (2006.01), A01N 43/36 (2006.01), A01N 43/40 (2006.01), C07C 1/32 (2006.01)
(86) PCT EP11/059823 de 14/06/2011
(87) WO 2011/154555 de 15/12/2011

(21) **BR 11 2012 031410-6 1.1**
(51) G06F 3/01 (2006.01), A61B 3/113 (2006.01), G02B 27/00 (2006.01), B60R 1/02 (2006.01), G06F 3/00 (2006.01)
(86) PCT SE2010/000164 de 10/06/2010
(87) WO 2011/155878 de 15/12/2011

(21) **BR 11 2012 031411-4 1.1**
(30) 09/06/2010 SE 1050590-7
(51) E03F 5/22 (2006.01), F04D 29/42 (2006.01)
(86) PCT SE11/050700 de 08/06/2011
(87) WO 2011/155894 de 15/12/2011

(21) **BR 11 2012 031412-2 1.1**
(30) 09/06/2010 FI 20100243
(51) C01G 7/00 (2006.01), C22B 11/06 (2006.01), C22B 3/26 (2006.01)
(86) PCT FI11/050532 de 07/06/2011
(87) WO 2011/154603 de 15/12/2011

(21) **BR 11 2012 031413-0 1.1**
(51) C22C 1/04 (2006.01), C22C 9/02 (2006.01), F16C 33/12 (2006.01)
(86) PCT EP10/058145 de 10/06/2010
(87) WO 2011/154039 de 15/12/2011

(21) **BR 11 2012 031414-9 1.1**
(30) 11/06/2010 GB 1009812.7
(51) A61M 5/14 (2006.01), A61M 5/142 (2006.01)
(86) PCT EP11/002897 de 13/06/2011
(87) WO 2011/154160 de 15/12/2011

(21) **BR 11 2012 031428-9 1.1**
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(51) F01M 11/00 (2006.01)
(86) PCT FR2011/050720 de 31/03/2011
(87) WO 2011/161339 de 29/12/2011

(21) **BR 11 2012 031429-7 1.1**
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(51) F16F 1/38 (2006.01)
(86) PCT EP2011/003072 de 21/06/2011
(87) WO 2011/160825 de 29/12/2011

(21) **BR 11 2012 031432-7 1.1**
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(51) B64D 33/00 (2006.01), F02K 3/06 (2006.01)
(86) PCT FR2011/051304 de 09/06/2011
(87) WO 2011/157926 de 22/12/2011

(21) **BR 11 2012 031433-5 1.1**
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(51) C10L 5/40 (2006.01), C10L 5/02 (2006.01), B30B 11/22 (2006.01), C10B 53/02 (2006.01), B01J 31/02 (2006.01)
(86) PCT US2011/039664 de 08/06/2011
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(21) **BR 11 2012 031440-8 1.1**
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(51) C07H 13/06 (2006.01), A61K 39/39 (2006.01)
(86) PCT NL2011/050393 de 03/06/2011
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(21) **BR 11 2012 031441-6 1.1**
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(51) G01C 21/16 (2006.01)
(86) PCT US2011/040096 de 10/06/2011
(87) WO 2011/156790 de 15/12/2011

(21) **BR 11 2012 031442-4 1.1**
(30) 11/06/2010 FI 20105664
(51) C01F 11/18 (2006.01), D21H 17/67 (2006.01), D21H 17/70 (2006.01)
(86) PCT FI2011/050542 de 09/06/2011
(87) WO 2011/154610 de 15/12/2011

(21) **BR 11 2012 031444-0 1.1**
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(51) G01N 33/543 (2006.01), G01N 33/574 (2006.01)
(86) PCT GB2011/000865 de 09/06/2011
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(21) **BR 11 2012 031445-9 1.1**
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(51) G01F 1/708 (2006.01), G01F 1/74 (2006.01)
(86) PCT EP2011/055581 de 11/04/2011
(87) WO 2011/154176 de 15/12/2011

(21) **BR 11 2012 031447-5 1.1**
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(51) B22F 3/16 (2006.01)
(86) PCT AT2011/000260 de 09/06/2011
(87) WO 2011/153574 de 15/12/2011

(21) **BR 11 2012 031448-3 1.1**
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(51) B01D 53/86 (2006.01), B01D 53/90 (2006.01), F23J 7/00 (2006.01), F23J 15/00 (2006.01)
(86) PCT US2011/039643 de 08/06/2011
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(21) **BR 11 2012 031449-1 1.1**
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(51) E21B 47/06 (2006.01), E21B 34/06 (2006.01)
(86) PCT US2011/039034 de 03/06/2011
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(21) **BR 11 2012 031450-5 1.1**
(30) 11/06/2010 US 12/813,746
(51) C08K 5/20 (2006.01), C08K 5/29 (2006.01), C08F 12/08 (2006.01), C08F 20/44 (2006.01), C08F 2/38 (2006.01)
(86) PCT US2011/001027 de 07/06/2011
(87) WO 2011/155982 de 15/12/2011

(21) **BR 11 2012 031451-3 1.1**
(30) 14/06/2010 EP 10165786.4
(51) C07D 207/12 (2006.01), A61K 31/40 (2006.01), A61P 11/00 (2006.01), A61P 11/06 (2006.01), A61P 11/08 (2006.01)
(86) PCT EP2011/002893 de 13/06/2011
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(21) **BR 11 2012 031453-0 1.1**
(30) 09/06/2010 US 61/353,104
(51) B01D 53/86 (2006.01), B01D 53/94 (2006.01), B01J 35/04 (2006.01), B01J 19/24 (2006.01)
(86) PCT US2011/039803 de 09/06/2011
(87) WO 2011/156600 de 15/12/2011

(21) **BR 11 2012 031454-8 1.1**
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(51) C04B 35/622 (2006.01), C04B 35/624 (2006.01), C04B 35/626 (2006.01), C08L 77/02 (2006.01), C08L 83/02 (2006.01), C08G 77/02 (2006.01)
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(87) WO 2011/154361 de 15/12/2011

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(51) G01D 3/08 (2006.01), B64D 15/20 (2006.01), G01K 15/00 (2006.01)
(86) PCT FR2011/051433 de 22/06/2011
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(21) **BR 11 2012 031456-4 1.1**
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(51) B23B 51/08 (2006.01), B23B 51/02 (2006.01), B23B 51/00 (2006.01), B24D 3/10 (2006.01)
(86) PCT US2011/038204 de 26/05/2011
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(21) **BR 11 2012 031457-2 1.1**
(30) 10/06/2010 AT A 946/2010
(51) B22F 3/10 (2006.01), C22C 33/02 (2006.01), F16C 33/14 (2006.01), F16C 9/00 (2006.01)
(86) PCT AT2011/000259 de 09/06/2011
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(21) **BR 11 2012 031458-0 1.1**
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(51) E21B 19/22 (2006.01)
(86) PCT US2011/038875 de 02/06/2011
(87) WO 2011/156198 de 15/12/2011

(21) **BR 11 2012 031461-0 1.1**
(30) 25/06/2010 FR 1055128
(51) B29C 70/46 (2006.01), B29C 70/54 (2006.01), F04D 29/52 (2006.01)
(86) PCT FR2011/051439 de 22/06/2011
(87) WO 2011/161380 de 29/12/2011

(21) **BR 11 2012 031462-9 1.1**
(30) 10/06/2010 JP 2010-132781
(51) G06Q 50/00 (2006.01), G06F 1/28 (2006.01), G06F 3/048 (2013.01), H02J 3/00 (2006.01)
(86) PCT JP2011/061021 de 13/05/2011
(87) WO 2011/155285 de 15/12/2011

(21) **BR 11 2012 031463-7 1.1**
(30) 12/07/2010 JP 2010-157659; 12/07/2010 JP 2011-148059

(51) A01N 25/24 (2006.01), A01N 25/02 (2006.01), A01N 25/30 (2006.01), A01N 59/20 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP2011/065752 de 11/07/2011
(87) WO 2012/008391 de 19/01/2012

(21) **BR 11 2012 031464-5 1.1**
(30) 10/06/2010 US 61/353,531
(51) C07D 405/12 (2006.01), C07D 405/10 (2006.01), C07D 311/04 (2006.01), A61K 31/453 (2006.01), A61K 31/352 (2006.01), A61P 35/00 (2006.01), A61P 25/28 (2006.01)
(86) PCT US2011/039669 de 08/06/2011
(87) WO 2011/156518 de 15/12/2011

(21) **BR 11 2012 031466-1 1.1**
(30) 10/06/2010 EP 10165596.7
(51) C21D 1/70 (2006.01), C21D 6/00 (2006.01), C21D 8/04 (2006.01), C21D 9/34 (2006.01), C21D 9/48 (2006.01), C22C 38/00 (2006.01), C22C 38/04 (2006.01), C22C 38/06 (2006.01), C22C 38/12 (2006.01)
(86) PCT EP2011/002868 de 10/06/2011
(87) WO 2011/154153 de 15/12/2011

(21) **BR 11 2012 031467-0 1.1**
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(51) B60W 10/26 (2006.01), B60W 10/08 (2006.01), B60W 20/00 (2006.01), B60W 30/18 (2006.01)
(86) PCT SE2011/050777 de 17/06/2011
(87) WO 2012/005655 de 12/01/2012

(21) **BR 11 2012 031468-8 1.1**
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(51) D05B 1/12 (2006.01)
(86) PCT JP2010/073504 de 27/12/2010
(87) WO 2011/155091 de 15/12/2011

(21) **BR 11 2012 031469-6 1.1**
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(51) C07D 495/04 (2006.01), A61K 31/4365 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/039582 de 08/06/2011
(87) WO 2011/156461 de 15/12/2011

(21) **BR 11 2012 031470-0 1.1**
(30) 09/06/2010 US 61/353,003
(51) C07D 401/14 (2006.01), C07D 403/12 (2006.01), C07D 403/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), C07D 471/04 (2006.01), A61K 31/416 (2006.01), A61K 31/423 (2006.01), A61K 31/437 (2006.01), A61P 1/02 (2006.01), A61P 3/10 (2006.01), A61P 11/06 (2006.01)
(86) PCT US2011/039724 de 09/06/2011
(87) WO 2011/156554 de 15/12/2011

(21) **BR 11 2012 031471-8 1.1**
(30) 08/06/2010 DE 10 2010 022 943.1
(51) C05G 3/08 (2006.01), A01N 43/653 (2006.01), A01N 43/56 (2006.01)
(86) PCT EP2011/002636 de 27/05/2011
(87) WO 2011/154100 de 15/12/2011

(21) **BR 11 2012 031473-4 1.1**
(30) 02/07/2010 SE 1000723-5
(51) F16C 33/64 (2006.01), B23K 11/04 (2006.01), F16C 19/52 (2006.01), F16C 41/00 (2006.01)
(86) PCT SE2011/000098 de 27/05/2011
(87) WO 2012/002867 de 05/01/2012

(21) **BR 11 2012 031474-2 1.1**
(30) 10/06/2010 DE 10 2010 029 945.6
(51) C09D 11/00 (2006.01)
(86) PCT EP2011/056694 de 28/04/2011
(87) WO 2011/154192 de 15/12/2011

(21) **BR 11 2012 031475-0 1.1**
(30) 09/06/2010 JP 2010-132055; 09/06/2010 JP 2010-132037; 09/06/2010 JP 2010-132028
(51) B60R 21/00 (2006.01)
(86) PCT JP2011/062976 de 06/06/2011
(87) WO 2011/155464 de 15/12/2011

(21) **BR 11 2012 031476-9 1.1**
(30) 09/06/2010 US 12/797,074
(51) B41F 17/22 (2006.01)
(86) PCT US2011/032818 de 18/04/2011
(87) WO 2011/156052 de 15/12/2011

(21) **BR 11 2012 031477-7 1.1**
(30) 02/07/2010 SE 1000722-7
(51) C21D 1/06 (2006.01), B23K 11/04 (2006.01), C23C 8/22 (2006.01), F16C 33/00 (2006.01)
(86) PCT SE2011/000099 de 27/05/2011
(87) WO 2012/002868 de 05/01/2012

(21) **BR 11 2012 031479-3 1.1**
(30) 10/06/2010 JP 2010-133094; 10/06/2010 JP 2010-133093
(51) C08C 1/04 (2006.01), B60C 1/00 (2006.01), C08K 3/06 (2006.01), C08K 5/14 (2006.01), C08K 5/40 (2006.01), C08L 7/00 (2006.01)
(86) PCT JP2011/063248 de 09/06/2011
(87) WO 2011/155561 de 15/12/2011

(21) **BR 11 2012 031480-7 1.1**
(30) 08/06/2010 US 12/796,555
(51) F21S 2/00 (2006.01), F21V 29/00 (2006.01), F21Y 101/02 (2006.01)
(86) PCT US2011/038454 de 27/05/2011
(87) WO 2011/156158 de 15/12/2011

(21) **BR 11 2012 031481-5 1.1**
(30) 08/06/2010 TR A 2010/04622
(51) F25B 1/02 (2006.01), F04B 39/12 (2006.01)
(86) PCT EP2011/059439 de 08/06/2011
(87) WO 2011/154430 de 15/12/2011

(21) **BR 11 2012 031482-3 1.1**
(30) 08/06/2010 TR A 2010/04621
(51) H02K 1/12 (2006.01), F04B 39/12 (2006.01)
(86) PCT EP2011/059436 de 08/06/2011
(87) WO 2011/154428 de 15/12/2011

(21) **BR 11 2012 031484-0 1.1**
(30) 02/07/2010 SE 1000721-9
(51) B23K 11/04 (2006.01), C22C 38/22 (2006.01), F16C 33/00 (2006.01)
(86) PCT SE2011/000100 de 27/05/2011
(87) WO 2012/002869 de 05/01/2012

(21) **BR 11 2012 031485-8 1.1**
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(51) C07D 495/04 (2006.01), A61K 31/4365 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/039591 de 08/06/2011
(87) WO 2011/156464 de 15/12/2011

(21) **BR 11 2012 031489-0 1.1**
(30) 11/06/2010 FR 1054627
(51) B64D 41/00 (2006.01), H02J 1/10 (2006.01), H02J 3/00 (2006.01)
(86) PCT FR2011/051270 de 06/06/2011
(87) WO 2011/154645 de 15/12/2011

(21) **BR 11 2012 031491-2 1.1**
(30) 08/06/2010 US 61/352,736
(51) C09K 5/06 (2006.01), A23L 3/375 (2006.01), F25C 1/00 (2006.01)
(86) PCT US2011/039644 de 08/06/2011
(87) WO 2011/156497 de 15/12/2011

(21) **BR 11 2012 031493-9 1.1**
(30) 29/06/2010 US 12/825,949
(51) A61F 5/44 (2006.01), A61M 27/00 (2006.01), A61B 19/00 (2006.01), A61B 19/08 (2006.01), B32B 27/08 (2006.01)
(86) PCT IB2011/052827 de 27/06/2011
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(21) **BR 11 2012 031495-5 1.1**
(30) 25/06/2010 FR 10 55080
(51) C08F 2/22 (2006.01)
(86) PCT IB2011/001341 de 10/06/2011
(87) WO 2011/161511 de 29/12/2011

(21) **BR 11 2012 031497-1 1.1**
(30) 11/06/2010 US 61/354,050; 23/06/2010 US 61/357,892; 22/12/2010 US 61/426,373
(51) A61K 31/375 (2006.01), A61K 31/675 (2006.01), A61P 31/22 (2006.01)
(86) PCT US2011/039505 de 07/06/2011
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(21) **BR 11 2012 031499-8 1.1**
(30) 02/07/2010 US 61/361,176
(51) F02C 3/34 (2006.01)
(86) PCT US2011/039828 de 09/06/2011
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(51) E21B 17/14 (2006.01), E21B 10/573 (2006.01), E21B 10/43 (2006.01)
(86) PCT GB2011/051036 de 01/06/2011
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(21) **BR 11 2012 031505-6 1.1**
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(51) F02C 3/34 (2006.01)
(86) PCT US2011/039829 de 09/06/2011
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(51) A01N 53/00 (2006.01), A01P 7/04 (2006.01), A01N 25/18 (2006.01), A01N 25/34 (2006.01)
(86) PCT NL2011/050398 de 06/06/2011
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(21) **BR 11 2012 031508-0 1.1**
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(51) C08K 3/00 (2006.01), C08L 23/06 (2006.01), C08L 23/10 (2006.01)
(86) PCT EP2011/058936 de 31/05/2011
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(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), A61K 31/497 (2006.01), A61P 35/00 (2006.01)
(86) PCT KR2011/004271 de 10/06/2011
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(51) B65B 3/30 (2006.01), B65B 39/00 (2006.01), B65B 37/20 (2006.01), B65B 3/32 (2006.01)
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(51) F02C 6/00 (2006.01), F02C 7/22 (2006.01)
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(51) B60P 1/02 (2006.01), B60P 1/44 (2006.01)
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(51) A61K 9/14 (2006.01), A61K 9/16 (2006.01), A61K 31/4743 (2006.01)
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(87) WO 2011/156361 de 15/12/2011

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(51) A23L 1/275 (2006.01), A23L 1/035 (2006.01), A23L 1/03 (2006.01), A23L 1/09 (2006.01), A23L 2/02 (2006.01), A23L 2/52 (2006.01), A23L 2/58 (2006.01)
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(21) **BR 11 2012 031519-6 1.1**
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(51) C08L 23/14 (2006.01), C09D 5/24 (2006.01), H01B 1/24 (2006.01), H01B 3/04 (2006.01)
(86) PCT EP2011/058937 de 31/05/2011
(87) WO 2011/154288 de 15/12/2011

(21) **BR 11 2012 031521-8 1.1**
(51) F02D 19/08 (2006.01), F02D 41/04 (2006.01)
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(87) WO 2012/111114 de 23/08/2012

(21) **BR 11 2012 031544-7 1.1**
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(51) F23D 14/08 (2006.01), F23D 14/06 (2006.01)
(86) PCT EP2012/056883 de 16/04/2012
(87) WO 2012/143319 de 26/10/2012

(21) **BR 11 2012 031551-0 1.1**
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(51) A61F 2/28 (2006.01), A61F 2/30 (2006.01), A61F 2/36 (2006.01), A61F 2/38 (2006.01)
(86) PCT EP2011/002875 de 10/06/2011

(87) WO 2011/154156 de 15/12/2011

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(51) E21B 19/16 (2006.01)
(86) PCT IB2011/001297 de 10/06/2011
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(21) **BR 11 2012 031554-4 1.1**
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(51) E03C 1/08 (2006.01)
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(21) **BR 11 2012 031555-2 1.1**
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(51) F16L 13/02 (2006.01), F16L 58/10 (2006.01), F16L 58/18 (2006.01), F16J 15/02 (2006.01)
(86) PCT GB11/051088 de 10/06/2011
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(21) **BR 11 2012 031556-0 1.1**
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(51) F16H 13/08 (2006.01)
(86) PCT EP11/057268 de 06/05/2011
(87) WO 2011/154206 de 15/12/2011

(21) **BR 11 2012 031558-7 1.1**
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(51) G01N 33/94 (2006.01), G01N 33/68 (2006.01), C12Q 1/34 (2006.01)
(86) PCT EP11/059670 de 10/06/2011
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(51) A61K 31/505 (2006.01), C07D 413/14 (2006.01), C07D 471/04 (2006.01), A61P 35/00 (2006.01)
(86) PCT GB11/051074 de 09/06/2011
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(21) **BR 11 2012 031572-2 1.1**
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(51) H02K 5/20 (2006.01)
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(87) WO 2011/154205 de 15/12/2011

(21) **BR 11 2012 031574-9 1.1**
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(51) G01V 3/18 (2006.01), E21B 47/00 (2006.01), G01N 27/06 (2006.01), G01N 33/18 (2006.01)
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(87) WO 2011/156469 de 15/12/2011

(21) **BR 11 2012 031577-3 1.1**
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(51) C07C 227/42 (2006.01), C07C 227/18 (2006.01), C07C 229/36 (2006.01)
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(87) WO 2011/154333 de 15/12/2011

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(30) 06/07/2010 JP 2010-154280; 18/03/2011 JP 2011-060765
(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61K 31/4375 (2006.01), A61K 31/4545 (2006.01), A61K 31/497 (2006.01), A61K 45/00 (2006.01), A61P 11/00 (2006.01), A61P 13/00 (2006.01), A61P 13/08 (2006.01), A61P 17/00 (2006.01), A61P 19/02 (2006.01), A61P 21/00 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01), A61P 43/00 (2006.01), C07D 471/14 (2006.01)
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(51) B60R 21/00 (2006.01)
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(51) F16H 1/32 (2006.01), F16H 3/72 (2006.01)
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(21) **BR 11 2012 031585-4 1.1**
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(51) A47J 36/04 (2006.01)
(86) PCT US11/040237 de 13/06/2011
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(21) **BR 11 2012 031586-2 1.1**
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(51) B64D 29/06 (2006.01), B64D 29/08 (2006.01)
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(21) **BR 11 2012 031588-9 1.1**
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(51) B01J 21/08 (2006.01), B01J 35/00 (2006.01)
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(86) PCT EP2011/062347 de 19/07/2011
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(21) **BR 11 2012 031590-0 1.1**
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(51) A45D 24/22 (2006.01), A46B 11/02 (2006.01)
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(21) **BR 11 2012 031591-9 1.1**
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(51) H04W 72/12 (2009.01), H04W 12/00 (2009.01)
(86) PCT EP2011/060261 de 20/06/2011
(87) WO 2011/157854 de 22/12/2011

(21) **BR 11 2012 031592-7 1.1**
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(51) F04C 2/107 (2006.01)
(86) PCT GB11/050858 de 03/05/2011
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(51) H02J 9/06 (2006.01)
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(51) B65D 85/804 (2006.01)
(86) PCT EP11/057139 de 04/05/2011
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(51) A61M 15/00 (2006.01)
(86) PCT EP11/059326 de 07/06/2011
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(21) **BR 11 2012 031598-6 1.1**
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(51) G01S 19/02 (2010.01), G01S 1/04 (2006.01), G01S 1/08 (2006.01), G01S 19/09 (2010.01)
(86) PCT EP2011/058989 de 31/05/2011
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(21) **BR 11 2012 031601-0 1.1**
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(51) C21D 10/00 (2006.01)
(86) PCT US11/039935 de 10/06/2011
(87) WO 2011/156685 de 15/12/2011

(21) **BR 11 2012 031605-2 1.1**
(51) B62J 23/00 (2006.01), B62J 6/02 (2006.01), B62J 99/00 (2009.01)
(86) PCT JP2010/059916 de 11/06/2010
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(21) **BR 11 2012 031606-0 1.1**
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(51) A61B 17/04 (2006.01), A61B 17/062 (2006.01), A61B 17/94 (2006.01), A61M 25/01 (2006.01)
(86) PCT US2011/040014 de 10/06/2011
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(30) 18/06/2010 AU 2010902663
(51) A47G 25/14 (2006.01), A47F 7/19 (2006.01), A47F 5/00 (2006.01), A47G 25/02 (2006.01)
(86) PCT AU2011/000728 de 17/06/2011
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(51) A01K 29/00 (2006.01)
(86) PCT US2011/000572 de 29/03/2011
(87) WO 2011/155967 de 15/12/2011

(21) **BR 11 2012 031613-3 1.1**
(30) 11/06/2010 EP 1002469
(51) C07C 5/27 (2006.01), C07C 11/09 (2006.01), C07C 1/24 (2006.01), C07C 11/08 (2006.01)
(86) PCT FR2011/000316 de 27/05/2011
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(21) **BR 11 2012 031614-1 1.1**
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(51) E21B 43/08 (2006.01), B01D 35/02 (2006.01), E21B 43/10 (2006.01), E21B 47/00 (2006.01), E21B 47/10 (2006.01), G01N 33/28 (2006.01)
(86) PCT CA2011/000698 de 13/06/2011
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(21) **BR 11 2012 031615-0 1.1**
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(51) C12P 7/64 (2006.01), C12P 19/02 (2006.01), C12P 7/16 (2006.01), C12P 7/10 (2006.01)
(86) PCT EP2011/059977 de 15/06/2011
(87) WO 2011/157771 de 22/12/2011

(21) **BR 11 2012 031616-8 1.1**
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(51) C07H 7/04 (2006.01), A61K 31/70 (2006.01), A61P 3/00 (2006.01)
(86) PCT CN11/075554 de 10/06/2011
(87) WO 2011/153953 de 15/12/2011

(21) **BR 11 2012 031617-6 1.1**
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(51) A61N 1/36 (2006.01)
(86) PCT GB2011/051091 de 13/06/2011
(87) WO 2011/158018 de 22/12/2011

(21) **BR 11 2012 031618-4 1.1**
(30) 11/06/2010 GB 1009774.9
(51) G06K 19/06 (2006.01)
(86) PCT GB11/000880 de 10/06/2011
(87) WO 2011/154709 de 15/12/2011

(21) **BR 11 2012 031619-2 1.1**
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(51) B01J 8/12 (2006.01), B01J 8/26 (2006.01), B01J 8/34 (2006.01), B01J 8/38 (2006.01), C10G 11/18 (2006.01), C10J 3/56 (2006.01), B01J 8/00 (2006.01)
(86) PCT AT11/000254 de 08/06/2011
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(21) **BR 11 2012 031620-6 1.1**
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(51) B65F 1/00 (2006.01)
(86) PCT US11/024828 de 15/02/2011
(87) WO 2012/003013 de 05/01/2012

(21) **BR 11 2012 031621-4 1.1**
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(51) H05K 5/00 (2006.01)
(86) PCT US11/024827 de 15/02/2011
(87) WO 2012/003012 de 05/01/2012

(21) **BR 11 2012 031622-2 1.1**
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(51) H04W 28/10 (2009.01), H04W 16/26 (2009.01)
(86) PCT JP2011/062990 de 07/06/2011
(87) WO 2011/158688 de 22/12/2011

(21) **BR 11 2012 031623-0 1.1**
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(51) A61K 8/02 (2006.01), A61K 8/19 (2006.01), A61K 8/31 (2006.01), A61K 8/46 (2006.01), A61K 8/92 (2006.01), A61Q 19/00 (2006.01), A61Q 19/10 (2006.01), A61K 8/06 (2006.01), A61K 8/39 (2006.01), A61K 8/41 (2006.01), A61K 8/44 (2006.01), A61K 8/81 (2006.01)
(86) PCT US2011/039907 de 10/06/2011
(87) WO 2011/156672 de 15/12/2011

(21) **BR 11 2012 031624-9 1.1**
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(51) H04L 25/03 (2006.01), H04L 25/02 (2006.01), H04B 7/04 (2006.01)
(86) PCT US11/039703 de 09/06/2011
(87) WO 2011/156541 de 15/12/2011

(21) **BR 11 2012 031625-7 1.1**
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(51) F23N 1/00 (2006.01), F23R 3/28 (2006.01)
(86) PCT FR2011/051555 de 01/07/2011
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(21) **BR 11 2012 031626-5 1.1**
(30) 18/06/2010 DK pa 2010 07269; 22/12/2010 DK PA 2010 70571
(51) A61L 15/58 (2006.01), A61L 24/04 (2006.01)
(86) PCT DK2011/050220 de 17/06/2011

(87) WO 2011/157278 de 22/12/2011

(21) **BR 11 2012 031627-3 1.1**
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(51) B64D 27/26 (2006.01)
(86) PCT FR2011/051322 de 09/06/2011
(87) WO 2011/157931 de 22/12/2011

(21) **BR 11 2012 031628-1 1.1**
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(51) E21B 47/08 (2006.01), E21B 44/00 (2006.01), E21B 45/00 (2006.01), G01B 7/13 (2006.01)
(86) PCT US2011/040111 de 11/06/2011
(87) WO 2011/156798 de 15/12/2011

(21) **BR 11 2012 031629-0 1.1**
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(51) B29C 70/52 (2006.01), B32B 5/00 (2006.01), B29C 70/20 (2006.01)
(86) PCT US11/039953 de 10/06/2011
(87) WO 2011/156693 de 15/12/2011

(21) **BR 11 2012 031630-3 1.1**
(30) 29/06/2010 US 61/359,646
(51) B32B 27/00 (2006.01)
(86) PCT US2011/042370 de 29/06/2011
(87) WO 2012/006156 de 12/01/2012

(21) **BR 11 2012 031632-0 1.1**
(30) 22/06/2010 US 61/357,264; 12/10/2010 US 12/902,205
(51) H04W 72/04 (2009.01)
(86) PCT EP2011/060119 de 17/06/2011
(87) WO 2011/161015 de 29/12/2011

(21) **BR 11 2012 031634-6 1.1**
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(51) C07D 207/09 (2006.01), C07D 209/44 (2006.01), C07D 211/26 (2006.01), C07D 211/58 (2006.01), A61K 31/4035 (2006.01), A61K 31/445 (2006.01), A61K 31/166 (2006.01), A61P 19/02 (2006.01), C07C 235/50 (2006.01)
(86) PCT GB2011/000879 de 10/06/2011
(87) WO 2011/154708 de 15/12/2011

(21) **BR 11 2012 031635-4 1.1**
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(51) C10G 45/00 (2006.01)
(86) PCT US2011/042106 de 28/06/2011
(87) WO 2012/006054 de 12/01/2012

(21) **BR 11 2012 031636-2 1.1**
(51) B60W 10/30 (2006.01), B60K 6/46 (2007.10), B60W 10/08 (2006.01), B60W 20/00 (2006.01)
(86) PCT JP2010/060751 de 24/06/2010
(87) WO 2011/161794 de 29/12/2011

(21) **BR 11 2012 031637-0 1.1**
(30) 14/06/2010 US 61/354355
(51) E21B 7/128 (2006.01)
(86) PCT US2011/039921 de 10/06/2011
(87) WO 2011/159563 de 22/12/2011

(21) **BR 11 2012 031639-7 1.1**
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(51) C12P 7/16 (2006.01), C12N 15/74 (2006.01)
(86) PCT US2011/040102 de 10/06/2011
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(21) **BR 11 2012 031640-0 1.1**
(30) 11/06/2010 FR 1002486
(51) B65D 1/02 (2006.01)
(86) PCT FR2011/051338 de 14/06/2011
(87) WO 2011/154671 de 15/12/2011

(21) **BR 11 2012 031641-9 1.1**
(30) 23/07/2010 JP 2010-166248
(51) C08L 15/00 (2006.01), B60C 1/00 (2006.01), C08F 8/42 (2006.01), C08F 236/04 (2006.01), C08K 3/36 (2006.01)
(86) PCT JP2011/066705 de 22/07/2011
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(21) **BR 11 2012 031645-1 1.1**
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(51) E21B 33/038 (2006.01), E21B 33/06 (2006.01)
(86) PCT US11/040743 de 16/06/2011
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(21) **BR 11 2012 031656-7 1.1**
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(51) G10L 21/02 (2013.01)
(86) PCT JP11/004734 de 25/05/2011
(87) WO 2012/026126 de 01/03/2012

(21) **BR 11 2012 031668-0 1.1**
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(51) A61B 6/02 (2006.01), G01T 1/161 (2006.01)
(86) PCT CN11/000006 de 04/01/2011
(87) WO 2011/157045 de 22/12/2011

(21) **BR 11 2012 031670-2 1.1**
(30) 14/06/2010 US 61/354,380; 14/06/2010 US 61/354,388
(51) H05K 3/04 (2006.01), B32B 38/10 (2006.01), B32B 7/12 (2006.01), B32B 15/08 (2006.01)
(86) PCT US11/040386 de 14/06/2011
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(21) **BR 11 2012 031689-3 1.1**
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(51) G01F 1/68 (2006.01), G01F 1/69 (2006.01)
(86) PCT EP11/003184 de 23/06/2011
(87) WO 2012/000654 de 05/01/2012

(21) **BR 11 2012 031699-0 1.1**
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(51) H02J 9/06 (2006.01), H02M 7/66 (2006.01)
(86) PCT EP11/002795 de 08/06/2011
(87) WO 2011/157370 de 22/12/2011

(21) **BR 11 2012 031700-8 1.1**
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(86) PCT US2010/039312 de 21/06/2010
(87) WO 2011/162739 de 29/12/2011

(21) **BR 11 2012 031701-6 1.1**
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(51) G06K 19/077 (2006.01)
(86) PCT EP11/002984 de 16/06/2011
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(21) **BR 11 2012 031703-2 1.1**
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(51) A23J 1/09 (2006.01), B01D 63/02 (2006.01), A23L 1/305 (2006.01), A23L 1/32 (2006.01)
(86) PCT US11/042603 de 30/06/2011
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(21) **BR 11 2012 031704-0 1.1**
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(51) C10B 7/02 (2006.01), C10B 49/02 (2006.01), C10B 53/02 (2006.01), F26B 17/00 (2006.01), F26B 23/02 (2006.01), F27B 9/18 (2006.01), C10L 5/40 (2006.01)
(86) PCT EP11/062131 de 15/07/2011
(87) WO 2012/007574 de 19/01/2012

(21) **BR 11 2012 031705-9 1.1**
(51) B01D 53/00 (2006.01), B01D 53/14 (2006.01), B01D 3/14 (2006.01)
(86) PCT DK10/050146 de 17/06/2010
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(21) **BR 11 2012 031707-5 1.1**
(30) 14/06/2010 GB 1009851.5
(51) C08J 3/24 (2006.01), B29C 70/00 (2006.01)
(86) PCT GB11/051106 de 14/06/2011
(87) WO 2011/158020 de 22/12/2011

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(51) H04L 1/18 (2006.01), H04B 7/02 (2006.01)
(86) PCT US10/041817 de 13/07/2010
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(21) **BR 11 2012 031709-1 1.1**
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(51) B21C 23/32 (2006.01), B21J 3/00 (2006.01)
(86) PCT US11/036571 de 16/05/2011
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(21) **BR 11 2012 031712-1 1.1**
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(51) H01H 85/045 (2006.01), H01H 69/02 (2006.01), H01H 85/175 (2006.01)
(86) PCT JP11/063348 de 10/06/2011
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(21) **BR 11 2012 031714-8 1.1**
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(51) B60K 26/02 (2006.01), F16D 48/02 (2006.01)
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(51) F02K 7/02 (2006.01), F02K 7/075 (2006.01)
(86) PCT CA11/050362 de 15/06/2011
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(51) E21B 33/06 (2006.01), E21B 47/09 (2006.01)
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(30) 14/06/2010 JP 2010-135217; 19/04/2011 JP 2011-092811
(51) C22C 38/00 (2006.01), C21D 9/46 (2006.01), C22C 38/38 (2006.01), C22C 38/58 (2006.01), C23C 2/28 (2006.01)
(86) PCT JP2011/063561 de 14/06/2011
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(51) B22D 41/50 (2006.01)
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(87) WO 2012/003047 de 05/01/2012

(21) **BR 11 2012 031730-0 1.1**
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(51) H02P 6/18 (2006.01)
(86) PCT JP11/059008 de 11/04/2011
(87) WO 2011/162011 de 29/12/2011

(21) **BR 11 2012 031733-4 1.1**
(30) 28/06/2010 IT MI2010A001171
(51) B29C 47/78 (2006.01), B29C 47/92 (2006.01), B29C 45/74 (2006.01), B29C 45/78 (2006.01)
(86) PCT IB11/001515 de 24/06/2011
(87) WO 2012/001492 de 05/01/2012

(21) **BR 11 2012 031735-0 1.1**
(30) 15/06/2010 FR 1054726
(51) F01D 25/16 (2006.01), F02C 7/06 (2006.01), F02C 7/28 (2006.01)
(86) PCT FR11/051335 de 10/06/2011
(87) WO 2011/157937 de 22/12/2011

(21) **BR 11 2012 031736-9 1.1**
(30) 29/06/2010 NL 2004996
(51) G01S 17/89 (2006.01), G03B 37/04 (2006.01), G06T 17/05 (2011.01)
(86) PCT NL2011/050470 de 29/06/2011
(87) WO 2012/002811 de 05/01/2012

(21) **BR 11 2012 031737-7 1.1**
(30) 14/06/2010 JP 2010-135400; 12/10/2010 JP 2010-229645
(51) A01N 47/36 (2006.01), A01N 47/30 (2006.01)
(86) PCT JP2011/063625 de 08/06/2011
(87) WO 2011/158843 de 22/12/2011

(21) **BR 11 2012 031738-5 1.1**
(30) 02/07/2010 EP 10168279.7
(51) C02F 1/38 (2006.01), B01D 47/00 (2006.01), B01D 53/14 (2006.01), B04B 1/00 (2006.01), C02F 103/18 (2006.01)
(86) PCT EP11/059920 de 15/06/2011
(87) WO 2012/000790 de 05/01/2012

(21) **BR 11 2012 031740-7 1.1**
(30) 29/06/2010 FR 1055192
(51) B60C 11/04 (2006.01)
(86) PCT EP11/060883 de 29/06/2011
(87) WO 2012/001031 de 05/01/2012

(21) **BR 11 2012 031741-5 1.1**
(30) 15/06/2010 JP 2010-136541
(51) B60W 10/06 (2006.01), B60K 6/48 (2007.10), B60K 6/547 (2007.10), B60L 11/14 (2006.01), B60W 10/08 (2006.01), B60W 20/00 (2006.01), F02D 29/02 (2006.01), F16H 61/00 (2006.01)
(86) PCT JP2011/063744 de 15/06/2011
(87) WO 2011/158882 de 22/12/2011

(21) **BR 11 2012 031743-1 1.1**
(30) 14/06/2010 DE 10 2010 023 630.6
(51) F04B 47/02 (2006.01), E21B 43/12 (2006.01), E21B 47/00 (2006.01), F04B 47/14 (2006.01), F16F 15/28 (2006.01)
(86) PCT EP11/002464 de 18/05/2011

(87) WO 2011/157337 de 22/12/2011

(21) **BR 11 2012 031744-0 1.1**
(30) 16/06/2010 US 61/355,202
(51) C07C 209/46 (2006.01), C07C 231/02 (2006.01), C07C 253/22 (2006.01), C12P 7/46 (2006.01)
(86) PCT US11/039923 de 10/06/2011
(87) WO 2011/159564 de 22/12/2011

(21) **BR 11 2012 031745-8 1.1**
(30) 14/06/2010 US 12/815,179
(51) A61F 9/008 (2006.01), G06T 1/00 (2006.01), A61B 3/14 (2006.01), A61G 15/02 (2006.01), A61G 15/10 (2006.01)
(86) PCT US2011/040223 de 13/06/2011
(87) WO 2011/159627 de 22/12/2011

(21) **BR 11 2012 031746-6 1.1**
(30) 30/06/2010 IT MI2010A001191
(51) B29D 30/30 (2006.01), G01B 11/02 (2006.01), G01B 11/06 (2006.01)
(86) PCT IB11/052554 de 13/06/2011
(87) WO 2012/001562 de 05/01/2012

(21) **BR 11 2012 031749-0 1.1**
(30) 15/06/2010 JP 2010-136510
(51) G01B 11/25 (2006.01), C03B 25/08 (2006.01)
(86) PCT JP2011/063712 de 15/06/2011
(87) WO 2011/158869 de 22/12/2011

(21) **BR 11 2012 031760-1 1.1**
(30) 15/06/2010 US 12/815,807
(51) E21B 33/06 (2006.01), E21B 43/12 (2006.01), F04B 49/00 (2006.01)
(86) PCT US11/035555 de 06/05/2011
(87) WO 2011/159405 de 22/12/2011

(21) **BR 11 2012 031763-6 1.1**
(30) 14/06/2010 EP 10165809.4
(51) A61J 11/00 (2006.01)
(86) PCT EP11/058745 de 27/05/2011
(87) WO 2011/157532 de 22/12/2011

(21) **BR 11 2012 031765-2 1.1**
(30) 14/06/2010 US 6/354,380; 14/06/2010 US 61/354,393; 14/06/2010 US 61/354,388
(51) B32B 7/12 (2006.01), B32B 15/08 (2006.01), H05K 3/04 (2006.01), B32B 38/10 (2006.01)
(86) PCT US2011/040383 de 14/06/2011
(87) WO 2011/159720 de 22/12/2011

(21) **BR 11 2012 031767-9 1.1**
(30) 14/06/2010 US 61/354,380; 14/06/2010 US 61/354,388; 14/06/2010 US 61/354,393
(51) B32B 38/10 (2006.01), B32B 15/08 (2006.01), G06K 19/077 (2006.01), B32B 7/12 (2006.01), H05K 3/04 (2006.01)
(86) PCT US11/040379 de 14/06/2011
(87) WO 2011/159716 de 22/12/2011

(21) **BR 11 2012 031768-7 1.1**
(30) 16/06/2010 US 61/355,225
(51) C07D 211/52 (2006.01), A61K 31/451 (2006.01)
(86) PCT US11/040605 de 16/06/2011
(87) WO 2011/159852 de 22/12/2011

(21) **BR 11 2012 031769-5 1.1**
(30) 15/06/2010 EP 10166041.3
(51) B66B 5/18 (2006.01)
(86) PCT EP11/059608 de 09/06/2011
(87) WO 2011/157627 de 22/12/2011

(21) **BR 11 2012 031773-3 1.1**
(30) 21/06/2010 SE 1050648-3
(51) F01N 11/00 (2006.01), F01N 3/20 (2006.01), F02D 41/02 (2006.01)
(86) PCT SE11/050798 de 20/06/2011
(87) WO 2011/162700 de 29/12/2011

(21) **BR 11 2012 031774-1 1.1**
(30) 24/06/2010 FR 10/02651
(51) H02K 5/24 (2006.01)
(86) PCT EP11/059862 de 14/06/2011
(87) WO 2011/160983 de 29/12/2011

(21) **BR 11 2012 031775-0 1.1**
(30) 25/06/2010 FR 1055072
(51) B29D 30/06 (2006.01)
(86) PCT EP2011/060633 de 24/06/2011
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(21) **BR 11 2012 031776-8 1.1**
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(51) G06G 7/48 (2006.01)
(86) PCT US11/033793 de 25/04/2011
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(21) **BR 11 2012 031777-6 1.1**
(30) 21/06/2010 SE 1050643-4
(51) F01N 3/025 (2006.01), F01N 3/36 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE11/050785 de 20/06/2011
(87) WO 2011/162689 de 29/12/2011

(21) **BR 11 2012 031778-4 1.1**
(30) 21/06/2010 SE 1050644-2
(51) F01N 3/025 (2006.01), F01N 3/36 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE11/050792 de 20/06/2011
(87) WO 2011/162694 de 29/12/2011

(21) **BR 11 2012 031779-2 1.1**
(30) 21/06/2010 SE 1050647-5
(51) F01N 3/025 (2006.01), F01N 3/36 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE11/050788 de 20/06/2011
(87) WO 2011/162691 de 29/12/2011

(21) **BR 11 2012 031780-6 1.1**
(30) 21/06/2010 SE 1050649-1
(51) F01N 11/00 (2006.01), F01N 3/025 (2006.01), F01N 3/36 (2006.01), F02D 41/02 (2006.01)
(86) PCT SE11/050800 de 20/06/2011
(87) WO 2011/162701 de 29/12/2011

(21) **BR 11 2012 031781-4 1.1**
(30) 21/06/2010 SE 1050646-7
(51) F01N 9/00 (2006.01), F01N 3/025 (2006.01), F01N 3/36 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE11/050802 de 20/06/2011
(87) WO 2011/162703 de 29/12/2011

(21) **BR 11 2012 031782-2 1.1**
(30) 21/06/2010 SE 1050653-3
(51) F01N 3/20 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE11/050773 de 17/06/2011
(87) WO 2011/162684 de 29/12/2011

(21) **BR 11 2012 031795-4 1.1**
(30) 22/06/2010 US 12/821,106; 21/06/2011 US 13/165,703
(51) B63B 35/79 (2006.01), B65H 75/18 (2006.01)
(86) PCT US2011/041528 de 22/06/2011
(87) WO 2011/163418 de 29/12/2011

(21) **BR 11 2012 031816-0 1.1**
(30) 16/06/2010 US 61/397,867
(51) G06T 17/05 (2011.01)
(86) PCT US2011/040612 de 16/06/2011
(87) WO 2011/159855 de 22/12/2011

(21) **BR 11 2012 031817-9 1.1**
(30) 14/06/2010 EP 10165810.2
(51) B65D 1/02 (2006.01), B65D 1/09 (2006.01), B65D 77/08 (2006.01), A23L 1/29 (2006.01)
(86) PCT EP2011/058742 de 27/05/2011
(87) WO 2011/157531 de 22/12/2011

(21) **BR 11 2012 031819-5 1.1**
(30) 14/06/2010 JP 2010-134915
(51) B05D 1/06 (2006.01), B05D 3/02 (2006.01), B05D 7/00 (2006.01)
(86) PCT JP2011/058408 de 01/04/2011
(87) WO 2011/158543 de 22/12/2011

(21) **BR 11 2012 031820-9 1.1**
(30) 16/06/2010 DE 20 2010 009 135.7
(51) E03C 1/086 (2006.01), E03C 1/04 (2006.01), F16L 15/00 (2006.01)
(86) PCT EP2011/001212 de 11/03/2011
(87) WO 2011/157309 de 22/12/2011

(21) **BR 11 2012 031821-7 1.1**
(30) 25/06/2010 JP 2010-144474; 28/01/2011 JP 2011-016338
(51) F02M 37/22 (2006.01), B01D 35/02 (2006.01), F02M 37/00 (2006.01), F02M 37/10 (2006.01)
(86) PCT JP2011/063144 de 08/06/2011
(87) WO 2011/162103 de 29/12/2011

(21) **BR 11 2012 031823-3 1.1**
(30) 14/06/2010 IT MI2010A001072
(51) B29C 70/48 (2006.01), B29C 70/30 (2006.01), B29C 70/72 (2006.01), B29C 33/30 (2006.01), B29C 33/40 (2006.01), B29C 33/38 (2006.01), B29C 33/20 (2006.01), B29C 33/22 (2006.01)
(86) PCT IB2011/052567 de 14/06/2011
(87) WO 2011/158172 de 22/12/2011

(21) **BR 11 2012 031824-1 1.1**
(30) 15/06/2010 JP 2010-136549; 15/06/2010 JP 2010-136544; 15/06/2010 JP 2010-136542
(51) B60K 17/04 (2006.01), B60K 6/36 (2007.10), B60K 6/383 (2007.10), B60K 6/387 (2007.10), B60K 6/442 (2007.10), B60K 6/543 (2007.10), B60K 17/26 (2006.01), F02D 25/00 (2006.01), F16H 29/04 (2006.01)
(86) PCT JP2011/060787 de 10/05/2011
(87) WO 2011/158577 de 22/12/2011

(21) **BR 11 2012 031825-0 1.1**
(30) 17/06/2010 IT MI2010 A 001101
(51) E21B 43/01 (2006.01), E21B 43/36 (2006.01)
(86) PCT IB2011/001326 de 10/06/2011
(87) WO 2011/158093 de 22/12/2011

(21) **BR 11 2012 031828-4 1.1**
(30) 16/06/2010 US 61/355,241
(51) G01B 11/245 (2006.01)
(86) PCT CA2011/050335 de 02/06/2011
(87) WO 2011/156919 de 22/12/2011

(21) **BR 11 2012 031829-2 1.1**
(30) 16/06/2010 EP 10166115.5
(51) A47J 31/40 (2006.01)
(86) PCT EP2011/059957 de 15/06/2011
(87) WO 2011/157759 de 22/12/2011

(21) **BR 11 2012 031838-1 1.1**
(30) 15/06/2010 US 61/354,953
(51) B60K 15/077 (2006.01), B60K 15/03 (2006.01)
(86) PCT US2011/040432 de 15/06/2011
(87) WO 2011/159752 de 22/12/2011

(21) **BR 11 2012 031847-0 1.1**
(30) 17/06/2010 US 61/355,733
(51) C12N 1/16 (2006.01), C12R 1/865 (2006.01), C12P 7/16 (2006.01)
(86) PCT US2011/040697 de 16/06/2011
(87) WO 2011/159894 de 22/12/2011

(21) **BR 11 2012 031854-3 1.1**
(51) E21B 47/06 (2006.01)
(86) PCT US2010/038586 de 15/06/2010
(87) WO 2011/159277 de 22/12/2011

(21) **BR 11 2012 031856-0 1.1**
(30) 18/06/2010 JP 2010-138808
(51) B07C 5/342 (2006.01), B07C 5/36 (2006.01), G01N 21/85 (2006.01)
(86) PCT JP2011/062646 de 02/06/2011
(87) WO 2011/158656 de 22/12/2011

(21) **BR 11 2012 031858-6 1.1**
(30) 17/06/2010 US 61/355.600; 15/06/2011 US 13/160.712
(51) B65D 75/60 (2006.01)
(86) PCT US2011/040653 de 16/06/2011
(87) WO 2011/159873 de 22/12/2011

(21) **BR 11 2012 031864-0 1.1**
(30) 16/06/2010 JP 2010-13648; 16/06/2010 JP 2010-137652; 16/06/2010 JP 2010-137655; 16/06/2010 JP 2010-137654
(51) C08F 16/06 (2006.01), C08B 1/00 (2006.01)
(86) PCT JP2011/063517 de 13/06/2011
(87) WO 2011/158795 de 22/12/2011

(21) **BR 11 2012 031865-9 1.1**
(51) H04L 12/28 (2006.01), H04L 12/52 (2006.01)
(86) PCT SE2010/050684 de 17/06/2010
(87) WO 2011/159210 de 22/12/2011

(21) **BR 11 2012 031867-5 1.1**
(30) 18/06/2010 CN 201010202120.1
(51) C07D 413/10 (2006.01), C07D 227/04 (2006.01), C07D 263/04 (2006.01), A61K 31/426 (2006.01), A61K 31/422 (2006.01), A61K 31/421 (2006.01), A61K 9/48 (2006.01), A61K 9/28 (2006.01), A61K 9/20 (2006.01), A61K 9/14 (2006.01), A61K 9/08 (2006.01), A61P 3/10 (2006.01), A61P 3/06 (2006.01), A61P 3/04 (2006.01)
(86) PCT CN2011/075905 de 18/06/2011
(87) WO 2011/157227 de 22/12/2011

(21) **BR 11 2012 031869-1 1.1**
(51) G06F 11/00 (2006.01)
(86) PCT CN2010/074076 de 18/06/2010
(87) WO 2011/156973 de 22/12/2011

(21) **BR 11 2012 031870-5 1.1**
(30) 25/06/2010 DE 10 2010 030 508.1

(51) C08K 5/20 (2006.01), H01L 31/048 (2006.01)
(86) PCT EP2011/059002 de 01/06/2011
(87) WO 2011/160925 de 29/12/2011

(21) **BR 11 2012 031871-3 1.1**
(30) 15/06/2010 US 12/815,404
(51) G06F 3/14 (2006.01), G06F 3/048 (2013.01), G06F 15/16 (2006.01), G06F 9/44 (2006.01)
(86) PCT US2011/038106 de 26/05/2011
(87) WO 2011/159449 de 22/12/2011

(21) **BR 11 2012 031872-1 1.1**
(30) 14/06/2010 US 61/354,506
(51) C12P 7/00 (2006.01), C12P 7/06 (2006.01)
(86) PCT US2011/040259 de 14/06/2011
(87) WO 2011/159645 de 22/12/2011

(21) **BR 11 2012 031873-0 1.1**
(30) 17/06/2010 US 61/355,663
(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/12 (2006.01), C07D 403/14 (2006.01), C07D 405/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), C07D 471/04 (2006.01), A61K 31/517 (2006.01), A61K 31/4709 (2006.01), A61K 31/502 (2006.01), A61K 31/4375 (2006.01), A61P 29/00 (2006.01)
(86) PCT US2011/040610 de 16/06/2011
(87) WO 2011/159854 de 22/12/2011

(21) **BR 11 2012 031876-4 1.1**
(30) 20/08/2010 DE 20 2010 011 587.6
(51) F16D 65/60 (2006.01), C22C 37/04 (2006.01)
(86) PCT EP2010/005280 de 27/08/2010
(87) WO 2012/022366 de 23/02/2012

(21) **BR 11 2012 031879-9 1.1**
(30) 15/06/2010 US 61/354,962
(51) G06Q 10/00 (2006.01), G06Q 50/00 (2006.01)
(86) PCT US2011/021898 de 20/01/2011
(87) WO 2011/159363 de 22/12/2011

(21) **BR 11 2012 031880-2 1.1**
(30) 15/06/2010 DE 10 2010 023 787.6
(51) A47C 1/032 (2006.01), A47C 3/021 (2006.01), A47C 7/44 (2006.01)
(86) PCT EP2011/002908 de 14/06/2011
(87) WO 2011/157392 de 22/12/2011

(21) **BR 11 2012 031881-0 1.1**
(30) 15/06/2010 US 61/354,862
(51) C08L 91/00 (2006.01), C09D 4/00 (2006.01)
(86) PCT US2011/040167 de 13/06/2011
(87) WO 2011/159604 de 22/12/2011

(21) **BR 11 2012 031882-9 1.1**
(30) 25/06/2010 CN 201010224884.0
(51) A61K 47/32 (2006.01), A61K 47/38 (2006.01), A61K 47/36 (2006.01), A61K 9/14 (2006.01), A61K 31/55 (2006.01), A61P 7/10 (2006.01)
(86) PCT CN2011/075131 de 02/06/2011
(87) WO 2011/160541 de 29/12/2011

(21) **BR 11 2012 031883-7 1.1**
(30) 14/06/2010 US 12/815,077; 27/05/2011 US 13/117,682
(51) G07B 15/06 (2011.01), H04B 1/59 (2006.01), H04L 29/06 (2006.01)
(86) PCT CA2011/050351 de 09/06/2011
(87) WO 2011/156920 de 22/12/2011

(21) **BR 11 2012 031884-5 1.1**
(51) B23K 9/095 (2006.01)
(86) PCT EP2010/058314 de 14/06/2010
(87) WO 2011/157286 de 22/12/2011

(21) **BR 11 2012 031885-3 1.1**
(30) 15/06/2010 US 12/815,547
(51) H02J 13/00 (2006.01), E21B 29/12 (2006.01)
(86) PCT US2011/036840 de 17/05/2011
(87) WO 2011/159420 de 22/12/2011

(21) **BR 11 2012 031886-1 1.1**
(30) 16/06/2010 US 61/355,167
(51) A01N 37/18 (2006.01), A01P 13/00 (2006.01)
(86) PCT US2011/040673 de 16/06/2011
(87) WO 2011/159879 de 22/12/2011

(21) **BR 11 2012 031887-0 1.1**
(30) 22/06/2010 EP 10166781.4
(51) C07C 263/04 (2006.01), C07C 265/14 (2006.01)
(86) PCT EP11/060176 de 20/06/2011
(87) WO 2011/161029 de 29/12/2011

(21) **BR 11 2012 031888-8 1.1**
(30) 24/06/2010 SE 1050690-5
(51) F28D 9/00 (2006.01), F28F 3/02 (2006.01)
(86) PCT SE10/050946 de 06/09/2010
(87) WO 2011/162659 de 29/12/2011

(21) **BR 11 2012 031889-6 1.1**
(51) B66B 1/24 (2006.01), B66B 1/36 (2006.01)
(86) PCT US10/041710 de 12/07/2010
(87) WO 2012/008944 de 19/01/2012

(21) **BR 11 2012 031891-8 1.1**
(30) 21/06/2010 JP 2010-140511
(51) B23C 5/20 (2006.01), B23C 5/10 (2006.01)
(86) PCT JP11/062657 de 02/06/2011
(87) WO 2011/162081 de 29/12/2011

(21) **BR 11 2012 031892-6 1.1**
(30) 17/06/2010 JP 2010-138211
(51) B23G 5/02 (2006.01), B23B 27/14 (2006.01)
(86) PCT JP11/063982 de 17/06/2011
(87) WO 2011/158946 de 22/12/2011

(21) **BR 11 2012 031893-4 1.1**
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(51) B66D 1/74 (2006.01)
(86) PCT NL11/050436 de 16/06/2011
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(21) **BR 11 2012 031894-2 1.1**
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(51) C08G 18/67 (2006.01), C09D 175/16 (2006.01)
(86) PCT EP11/061827 de 12/07/2011
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(21) **BR 11 2012 031895-0 1.1**
(30) 14/06/2010 EP 10165823.5
(51) C08F 220/06 (2006.01), C08F 2/44 (2006.01), C08K 5/00 (2006.01)
(86) PCT EP11/059710 de 10/06/2011
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(21) **BR 11 2012 031896-9 1.1**
(30) 14/06/2010 EP 10165832.6
(51) C08F 220/18 (2006.01), C08F 2/22 (2006.01), C08F 212/08 (2006.01), D21H 19/58 (2006.01)
(86) PCT EP11/059779 de 14/06/2011
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(21) **BR 11 2012 031897-7 1.1**
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(51) C09D 5/02 (2006.01), C09D 7/12 (2006.01), C08G 18/62 (2006.01), C08G 18/70 (2006.01), C09D 175/04 (2006.01), G02B 5/28 (2006.01), C09D 5/00 (2006.01)
(86) PCT US11/042801 de 01/07/2011
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(21) **BR 11 2012 031898-5 1.1**
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(51) C08L 77/06 (2006.01), C08L 79/00 (2006.01), C08L 71/08 (2006.01)
(86) PCT EP11/059546 de 09/06/2011
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(51) C07C 62/32 (2006.01)
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(87) WO 2011/159144 de 22/12/2011

(21) **BR 11 2012 031901-9 1.1**
(30) 16/06/2010 CO CO 10 072421; 15/06/2011 WO PCT/IB2011/052609
(51) C02F 1/463 (2006.01), C02F 9/04 (2006.01), C02F 1/52 (2006.01)
(86) PCT IB2011/052609 de 15/06/2011
(87) WO 2011/158195 de 22/12/2011

(21) **BR 11 2012 031906-0 1.1**
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(51) A61K 8/73 (2006.01), A61K 31/337 (2006.01), A61K 31/506 (2006.01), A61K 31/58 (2006.01), A61K 31/727 (2006.01), A61K 45/06 (2006.01), A61P 17/14 (2006.01), A61Q 7/00 (2006.01)
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(21) **BR 11 2012 031907-8 1.1**
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(51) A61B 17/3207 (2006.01)
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(87) WO 2011/159697 de 22/12/2011

(21) **BR 11 2012 031908-6 1.1**
(30) 18/06/2010 JP 2010-139195; 17/06/2011 JP 2011-134923
(51) C21D 8/12 (2006.01), C22C 38/00 (2006.01), C22C 38/60 (2006.01), H01F 1/16 (2006.01)
(86) PCT JP2011/003489 de 17/06/2011
(87) WO 2011/158519 de 22/12/2011

(21) **BR 11 2012 031909-4 1.1**
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(51) C25B 11/04 (2006.01)
(86) PCT EP2011/060078 de 17/06/2011
(87) WO 2011/157811 de 22/12/2011

(21) **BR 11 2012 031910-8 1.1**
(30) 17/06/2010 IT MI2010A001100
(51) C02F 1/467 (2006.01), C02F 1/461 (2006.01), C25B 11/04 (2006.01)
(86) PCT EP2011/060079 de 17/06/2011
(87) WO 2011/157812 de 22/12/2011

(21) **BR 11 2012 031911-6 1.1**
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(51) A61H 21/00 (2006.01), A61H 23/02 (2006.01), A61F 13/20 (2006.01)
(86) PCT EP2011/059294 de 06/06/2011
(87) WO 2011/157583 de 22/12/2011

(21) **BR 11 2012 031912-4 1.1**
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(51) G06F 17/30 (2006.01)
(86) PCT US2011/038811 de 01/06/2011
(87) WO 2011/159476 de 22/12/2011

(21) **BR 11 2012 031913-2 1.1**
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(51) B32B 27/32 (2006.01), B32B 27/34 (2006.01), F16L 55/165 (2006.01)
(86) PCT EP2011/002685 de 31/05/2011
(87) WO 2011/157356 de 22/12/2011

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(87) WO 2011/157285 de 22/12/2011

(21) **BR 11 2012 031916-7 1.1**
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(51) E21B 28/00 (2006.01), E21B 43/00 (2006.01), E21B 43/16 (2006.01)
(86) PCT EP2011/059914 de 15/06/2011
(87) WO 2011/157740 de 22/12/2011

(21) **BR 11 2012 031918-3 1.1**
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(51) B01J 31/22 (2006.01), B01J 31/26 (2006.01), C07C 67/03 (2006.01), C07C 68/06 (2006.01), C07C 69/54 (2006.01)
(86) PCT EP2011/059672 de 10/06/2011
(87) WO 2011/157645 de 22/12/2011

(21) **BR 11 2012 031919-1 1.1**
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(51) H04W 76/02 (2009.01), H04W 24/04 (2009.01)
(86) PCT JP2011/063449 de 13/06/2011
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(21) **BR 11 2012 031922-1 1.1**
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(51) H04L 5/00 (2006.01)
(86) PCT US2011/040573 de 15/06/2011
(87) WO 2011/159830 de 22/12/2011

(21) **BR 11 2012 031923-0 1.1**
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(51) F16L 55/103 (2006.01), G05D 23/19 (2006.01)
(86) PCT US2011/001083 de 15/06/2011
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(21) **BR 11 2012 031924-8 1.1**
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(51) H04W 12/04 (2009.01), H04L 29/06 (2006.01)
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(21) **BR 11 2012 031925-6 1.1**
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(51) H04W 12/04 (2009.01), H04L 29/06 (2006.01), H04W 36/00 (2009.01), H04W 36/14 (2009.01), H04W 36/12 (2009.01)
(86) PCT US2011/040773 de 16/06/2011
(87) WO 2011/159948 de 22/12/2011

(21) **BR 11 2012 031926-4 1.1**
(30) 17/06/2010 US 61/355,923; 10/08/2010 US 61/372,177; 16/06/2011 US 13/161,955
(51) G06F 3/14 (2006.01), G06F 3/042 (2006.01), G06F 1/32 (2006.01)
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(51) A61K 31/167 (2006.01), A61K 47/10 (2006.01), A61K 47/22 (2006.01), A61K 9/08 (2006.01), A61K 9/00 (2006.01)
(86) PCT IB2011/001519 de 29/06/2011
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(21) **BR 11 2012 031930-2 1.1**
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(51) A61K 31/565 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 25/18 (2006.01)
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(86) PCT US2010/038724 de 15/06/2010
(87) WO 2011/159287 de 22/12/2011

(21) **BR 11 2012 031956-6 1.1**
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(51) E21B 7/06 (2006.01), E21B 17/05 (2006.01)
(86) PCT IB2011/001972 de 06/06/2011
(87) WO 2012/014068 de 02/02/2012

(21) **BR 11 2012 031957-4 1.1**
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(51) A61K 8/40 (2006.01), A61K 8/35 (2006.01), A61Q 17/04 (2006.01), A61K 8/46 (2006.01)
(86) PCT IB2011/001371 de 17/06/2011
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(21) **BR 11 2012 031958-2 1.1**
(30) 14/06/2010 US 12/815,304
(51) G01N 25/12 (2006.01), G01N 25/66 (2006.01), G01N 1/22 (2006.01), G01N 33/00 (2006.01), B01L 3/00 (2006.01)
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(21) **BR 11 2012 031959-0 1.1**
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(51) C07D 207/09 (2006.01)
(86) PCT IB2011/001301 de 09/06/2011
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(21) **BR 11 2012 031960-4 1.1**
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(86) PCT IB2010/001550 de 25/06/2010
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(21) **BR 11 2012 031961-2 1.1**
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(51) G01K 7/21 (2006.01), G01D 3/02 (2006.01)
(86) PCT EP2011/060139 de 17/06/2011
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(21) **BR 11 2012 031967-1 1.1**
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(51) C07D 453/02 (2006.01), C07D 413/06 (2006.01), A61K 31/4025 (2006.01), A61K 31/439 (2006.01), A61P 11/00 (2006.01)
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(87) WO 2011/160919 de 29/12/2011

(21) **BR 11 2012 031972-8 1.1**
(30) 16/06/2010 US 61/355,173
(51) F03B 3/12 (2006.01)
(86) PCT IB2011/052585 de 15/06/2011
(87) WO 2011/158184 de 22/12/2011

(21) **BR 11 2012 031977-9 1.1**
(30) 25/06/2010 IT RM2010A000350
(51) B29C 49/02 (2006.01), B29C 49/36 (2006.01), B29C 49/42 (2006.01), B29C 49/64 (2006.01), B29C 43/08 (2006.01), B29C 47/00 (2006.01), B29C 49/12 (2006.01), B29B 11/12 (2006.01)
(86) PCT IB2011/052777 de 24/06/2011
(87) WO 2011/161649 de 29/12/2011

(21) **BR 11 2012 031979-5 1.1**
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(51) B29D 30/24 (2006.01), B29D 30/26 (2006.01)
(86) PCT NL2012/050072 de 10/02/2012
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(21) **BR 11 2012 031991-4 1.1**
(30) 25/06/2010 IT MI2010A 001164
(51) A61F 2/04 (2013.01)
(86) PCT EP2011/056785 de 28/04/2011
(87) WO 2011/160875 de 29/12/2011

(21) **BR 11 2012 032008-4 1.1**
(30) 14/06/2010 EP 10382170.8
(51) C07K 16/18 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01), A61K 45/06 (2006.01)
(86) PCT EP2011/059868 de 14/06/2011
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(21) **BR 11 2012 032009-2 1.1**
(30) 14/06/2010 US 61/354,380; 14/06/2010 US 61/354,388; 14/06/2010 US 61/354,393
(51) G06K 19/077 (2006.01), H05K 3/04 (2006.01), B32B 38/10 (2006.01), B32B 15/08 (2006.01), B32B 7/12 (2006.01)
(86) PCT US2011/040391 de 14/06/2011
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(21) **BR 11 2012 032010-6 1.1**
(30) 17/06/2010 US 12/817,951
(51) F16F 9/36 (2006.01)
(86) PCT US2011/040293 de 14/06/2011
(87) WO 2011/159667 de 22/12/2011

(21) **BR 11 2012 032013-0 1.1**
(30) 17/06/2010 EP 10 166366.4
(51) A47J 31/56 (2006.01), A47J 31/54 (2006.01)
(86) PCT EP2011/059771 de 14/06/2011
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(21) **BR 11 2012 032014-9 1.1**
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(51) E04F 15/02 (2006.01)
(86) PCT EP2011/059946 de 15/06/2011
(87) WO 2011/157752 de 22/12/2011

(21) **BR 11 2012 032016-5 1.1**
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(51) F17C 3/02 (2006.01), B63B 25/16 (2006.01)
(86) PCT FR2011/051168 de 24/05/2011
(87) WO 2011/157915 de 22/12/2011

(21) **BR 11 2012 032018-1 1.1**
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(51) B60Q 3/02 (2006.01), H05B 33/08 (2006.01), H02J 9/00 (2006.01)
(86) PCT EP2011/058168 de 19/05/2011
(87) WO 2011/160903 de 29/12/2011

(21) **BR 11 2012 032019-0 1.1**
(30) 17/06/2010 JP 2010-138567; 12/05/2011 JP 2011-107518
(51) B21D 26/037 (2011.01), B21D 53/88 (2006.01), B62D 21/00 (2006.01), E04B 1/58 (2006.01)
(86) PCT JP2011/063874 de 17/06/2011
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(21) **BR 11 2012 032028-9 1.1**
(30) 16/06/2010 US 61/355,491
(51) C07D 213/70 (2006.01), C07D 401/04 (2006.01), C07D 241/18 (2006.01), A61K 31/44 (2006.01), A61K 31/444 (2006.01), A61K 31/4965 (2006.01), A61P 19/06 (2006.01), A61P 9/12 (2006.01), A61P 9/00 (2006.01)
(86) PCT US2011/040585 de 15/06/2011
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(21) **BR 11 2012 032029-7 1.1**
(30) 14/06/2010 IT UD2010A000115
(51) B21B 1/46 (2006.01)
(86) PCT IB2011/001322 de 14/06/2011
(87) WO 2011/158091 de 22/12/2011

(21) **BR 11 2012 032032-7 1.1**
(30) 14/06/2010 IT UD
(51) B21B 1/46 (2006.01), B21B 13/22 (2006.01)
(86) PCT IB2011/001319 de 14/06/2011
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(21) **BR 11 2012 032033-5 1.1**
(30) 16/06/2010 US 61/355,164
(51) C12N 15/09 (2006.01)
(86) PCT US2011/040418 de 15/06/2011
(87) WO 2011/159745 de 22/12/2011

(21) **BR 11 2012 032035-1 1.1**
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(51) A61M 1/16 (2006.01)
(86) PCT EP2011/002915 de 14/06/2011
(87) WO 2011/157396 de 22/12/2011

(21) **BR 11 2012 032037-8 1.1**
(30) 16/06/2010 US 12/816,712
(51) B26B 19/38 (2006.01)
(86) PCT US2011/040511 de 15/06/2011
(87) WO 2011/159790 de 22/12/2011

(21) **BR 11 2012 032038-6 1.1**
(30) 14/06/2010 US 12/815,269
(51) H04L 29/06 (2006.01), H04L 29/08 (2006.01)
(86) PCT US2011/039910 de 10/06/2011
(87) WO 2011/159558 de 22/12/2011

(21) **BR 11 2012 032039-4 1.1**
(30) 14/06/2010 US 61/354,516; 14/06/2010 US 13/160,445
(51) A61B 17/02 (2006.01), A61B 19/00 (2006.01), A61B 17/30 (2006.01)
(86) PCT US2011/040399 de 14/06/2011
(87) WO 2011/159733 de 22/12/2011

(21) **BR 11 2012 032040-8 1.1**
(30) 16/06/2010 US 61/355,447
(51) A01N 63/00 (2006.01), A01N 63/02 (2006.01), A01N 63/04 (2006.01), A01N 37/44 (2006.01), A01N 25/00 (2006.01), A01P 3/00 (2006.01), A01P 7/04 (2006.01)
(86) PCT EP2011/059936 de 15/06/2011
(87) WO 2011/157747 de 22/12/2011

(21) **BR 11 2012 032048-3 1.1**
(30) 22/06/2010 DK PA 2010 70282; 31/05/2011 DK PA 2011 70272
(51) C08F 2/50 (2006.01), C08J 3/28 (2006.01), C08J 3/075 (2006.01), C08L 71/02 (2006.01), A61L 29/08 (2006.01), C08L 75/08 (2006.01)
(86) PCT DK2011/050226 de 22/06/2011
(87) WO 2011/160638 de 29/12/2011

(21) **BR 11 2012 032049-1 1.1**
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(51) A01H 1/04 (2006.01)
(86) PCT GB2011/000904 de 14/06/2011
(87) WO 2011/157995 de 22/12/2011

(21) **BR 11 2012 032050-5 1.1**
(30) 22/06/2010 DK PA 2010 70282; 27/07/2010 DK PA 2010 70342; 22/12/2010 DK PA 2010 70572; 16/06/2011 DK PA 2011 70305
(51) C08F 2/50 (2006.01), C08G 18/48 (2006.01), C08G 18/72 (2006.01), C08J 3/28 (2006.01), C08L 75/08 (2006.01), C08G 18/32 (2006.01), C08G 18/66 (2006.01), C08G 18/75 (2006.01), C08L 75/12 (2006.01), C08J 3/075 (2006.01)
(86) PCT DK2011/050225 de 22/06/2011
(87) WO 2011/160637 de 29/12/2011

(21) **BR 11 2012 032052-1 1.1**
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(51) G06G 7/48 (2006.01)
(86) PCT US2011/026937 de 03/03/2011
(87) WO 2011/159372 de 22/12/2011

(21) **BR 11 2012 032054-8 1.1**
(30) 22/06/2010 DK PA 2010 70282; 27/07/2010 DK PA 2010 70342; 22/12/2010 DK PA 2010 70572; 09/06/2011 DK PA 2011 70288
(51) C08F 2/50 (2006.01), C08G 18/48 (2006.01), C08G 18/72 (2006.01), C08J 3/28 (2006.01), C08J 3/075 (2006.01), C08L 75/08 (2006.01), C08G 18/32 (2006.01), C08G 18/65 (2006.01), C08G 18/66 (2006.01), C08G 18/75 (2006.01), C08L 75/12 (2006.01)
(86) PCT DK2011/050229 de 22/06/2011
(87) WO 2011/160641 de 29/12/2011

(21) **BR 11 2012 032055-6 1.1**
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(51) C07D 401/12 (2006.01), A61K 31/5377 (2006.01), A61P 9/00 (2006.01), A61P 9/12 (2006.01), A61P 13/12 (2006.01), A61P 43/00 (2006.01)

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(21) **BR 11 2012 032056-4 1.1**
(30) 15/06/2010 FR 1054711
(51) B64C 11/44 (2006.01), B64D 41/00 (2006.01)
(86) PCT FR2011/051301 de 08/06/2011
(87) WO 2011/157924 de 22/12/2011

(21) **BR 11 2012 032058-0 1.1**
(30) 15/06/2010 JP 2010-135742
(51) C07D 233/61 (2006.01), A61K 31/4164 (2006.01), A61K 31/4178 (2006.01), A61K 31/454 (2006.01), A61K 31/5383 (2006.01), A61K 31/7056 (2006.01), A61K 38/21 (2006.01), A61P 31/14 (2006.01), A61P 43/00 (2006.01), C07D 233/66 (2006.01), C07D 401/10 (2006.01), C07D 401/14 (2006.01), C07D 403/10 (2006.01), C07D 405/12 (2006.01), C07D 409/14 (2006.01), C07D 471/04 (2006.01), C07D 491/10 (2006.01), C07D 498/04 (2006.01)
(86) PCT JP2011/063602 de 14/06/2011
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(21) **BR 11 2012 032059-9 1.1**
(51) F03D 9/00 (2006.01), H02P 9/00 (2006.01), H02P 9/10 (2006.01), H02P 9/48 (2006.01)
(86) PCT ES2010/070396 de 14/06/2010
(87) WO 2011/157862 de 22/12/2011

(21) **BR 11 2012 032060-2 1.1**
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(51) G06F 9/44 (2006.01)
(86) PCT US2011/021139 de 13/01/2011
(87) WO 2012/003007 de 05/01/2012

(21) **BR 11 2012 032062-9 1.1**
(30) 22/06/2010 DK PA 2010 70282; 08/06/2011 DK PA 2011 70285
(51) C08F 2/50 (2006.01), C08J 3/28 (2006.01), C08J 3/075 (2006.01), C08L 71/02 (2006.01), A61L 15/58 (2006.01), A61L 24/04 (2006.01), C09J 171/00 (2006.01), C08L 75/08 (2006.01)
(86) PCT DK2011/050227 de 22/06/2011
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(21) **BR 11 2012 032064-5 1.1**
(30) 14/06/2010 DE 102010023683.7; 07/10/2010 DE 1020100380415
(51) E05F 3/00 (2006.01), E05F 3/04 (2006.01)
(86) PCT EP2011/002288 de 09/05/2011
(87) WO 2011/157327 de 22/12/2011

(21) **BR 11 2012 032065-3 1.1**
(51) H04W 88/04 (2009.01), H04B 7/185 (2006.01), H04W 40/22 (2009.01), H04B 7/26 (2006.01), H04W 52/46 (2009.01)
(86) PCT SE2010/050711 de 22/06/2010
(87) WO 2011/162651 de 29/12/2011

(21) **BR 11 2012 032066-1 1.1**
(30) 22/06/2010 DK PA 2010 70282; 09/06/2011 DK PA 2011 70287
(51) C08F 2/50 (2006.01), C08F 2/48 (2006.01), C08F 12/14 (2006.01), C08J 3/28 (2006.01), C08J 3/075 (2006.01), C08L 71/02 (2006.01)
(86) PCT DK2011/050228 de 22/06/2011
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(21) **BR 11 2012 032069-6 1.1**
(30) 27/07/2010 FR 1056174
(51) F02N 11/08 (2006.01), F02N 15/06 (2006.01), F02N 15/02 (2006.01)
(86) PCT FR2011/051807 de 27/07/2011
(87) WO 2012/022897 de 23/02/2012

(21) **BR 11 2012 032071-8 1.1**
(51) F01M 1/16 (2006.01), F01M 11/03 (2006.01), F02B 67/06 (2006.01), F02F 7/00 (2006.01), F16N 7/38 (2006.01), F16N 13/20 (2006.01)
(86) PCT IB2010/001462 de 16/06/2010
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(21) **BR 11 2012 032072-6 1.1**
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(51) H02P 27/08 (2006.01), H02P 29/02 (2006.01)
(86) PCT FR2011/051177 de 25/05/2011
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(51) F01C 21/08 (2006.01), F01C 19/00 (2006.01), F01C 21/02 (2006.01)
(86) PCT CA2011/050369 de 17/06/2011
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(51) H04W 74/08 (2009.01)
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(51) A61K 31/55 (2006.01), A61K 39/395 (2006.01), A61K 9/28 (2006.01), A61K 9/08 (2006.01), A61K 9/10 (2006.01), A61K 47/48 (2006.01), A61P 25/24 (2006.01), A61P 25/00 (2006.01)
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(51) C09K 8/42 (2006.01), C09K 8/467 (2006.01), C04B 14/16 (2006.01), C04B 18/16 (2006.01), C04B 28/04 (2006.01), C04B 28/22 (2006.01)
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(21) **BR 11 2012 032083-1 1.1**
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(51) A63H 1/00 (2006.01), A63H 33/00 (2006.01), A63H 1/32 (2006.01)
(86) PCT US2011/001202 de 08/07/2011
(87) WO 2012/005772 de 12/01/2012

(21) **BR 11 2012 032085-8 1.1**
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(51) C08L 77/06 (2006.01), C08G 69/26 (2006.01), C08K 5/29 (2006.01)
(86) PCT JP2011/065260 de 04/07/2011
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(21) **BR 11 2012 032087-4 1.1**
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(51) C07D 471/04 (2006.01), C07D 473/28 (2006.01), C07D 487/04 (2006.01), C07D 498/04 (2006.01), A61K 31/4355 (2006.01), A61K 31/437 (2006.01), A61K 31/4427 (2006.01), A61K 31/4985 (2006.01), A61K 31/5025 (2006.01), A61K 31/519 (2006.01), A61K 31/52 (2006.01), A61P 25/18 (2006.01)
(86) PCT US2011/041443 de 22/06/2011
(87) WO 2011/163355 de 29/12/2011

(21) **BR 11 2012 032088-2 1.1**
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(51) H04N 13/00 (2006.01), H04N 7/173 (2011.01)
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(51) A61L 2/18 (2006.01)
(86) PCT US2011/039756 de 09/06/2011
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(51) B08B 7/04 (2006.01)
(86) PCT US2011/039711 de 09/06/2011
(87) WO 2011/159541 de 22/12/2011

(21) **BR 11 2012 032110-2 1.1**
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(51) B65D 1/24 (2006.01), B65D 21/04 (2006.01)
(86) PCT EP11/002560 de 23/05/2011
(87) WO 2012/010232 de 26/01/2012

(21) **BR 11 2012 032113-7 1.1**
(30) 28/06/2010 JP 2010-146826
(51) G02F 1/1368 (2006.01), G02F 1/1335 (2006.01), G09F 9/30 (2006.01)
(86) PCT JP11/061901 de 24/05/2011
(87) WO 2012/002072 de 05/01/2012

(21) **BR 11 2012 032115-3 1.1**
(30) 29/06/2010 US 12/825,889
(51) B21D 53/64 (2006.01), B26B 21/22 (2006.01), B26B 21/56 (2006.01), B21D 11/10 (2006.01), B21D 19/00 (2006.01), B23P 9/00 (2006.01), B23P 15/40 (2006.01)
(86) PCT US2011/042080 de 28/06/2011
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(21) **BR 11 2012 032116-1 1.1**
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(51) B26B 21/22 (2006.01)
(86) PCT US2011/040273 de 14/06/2011
(87) WO 2011/159654 de 22/12/2011

(21) **BR 11 2012 032117-0 1.1**
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(51) G01V 3/26 (2006.01), E21B 47/00 (2006.01)
(86) PCT US2011/039258 de 06/06/2011
(87) WO 2011/159509 de 22/12/2011

(21) **BR 11 2012 032119-6 1.1**
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(51) G01V 3/26 (2006.01), E21B 47/00 (2006.01), G01V 3/34 (2006.01)
(86) PCT US2011/039256 de 06/06/2011
(87) WO 2011/159508 de 22/12/2011

(21) **BR 11 2012 032120-0 1.1**
(30) 18/06/2010 US 61/356,103; 26/05/2011 KR 10-2011-0050192
(51) H04N 7/08 (2006.01), H04N 13/00 (2006.01), H04N 7/24 (2011.01)
(86) PCT KR2011/004442 de 17/06/2011
(87) WO 2011/159128 de 22/12/2011

(21) **BR 11 2012 032121-8 1.1**
(30) 01/10/2010 GB 1011059.1
(51) A47C 3/20 (2006.01), A47C 4/52 (2006.01), A47C 7/40 (2006.01), A47C 31/12 (2006.01)
(86) PCT GB2011/051255 de 01/07/2011
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(51) E21B 7/06 (2006.01), E21B 17/046 (2006.01), F16D 3/38 (2006.01)
(86) PCT IB2011/002143 de 17/06/2011
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(21) **BR 11 2012 032123-4 1.1**
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(51) B42D 15/10 (2006.01), B32B 38/00 (2006.01)
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(21) **BR 11 2012 032124-2 1.1**
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(51) C08G 63/08 (2006.01), C08G 63/82 (2006.01), C08L 101/16 (2006.01)
(86) PCT JP2011/063811 de 16/06/2011
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(21) **BR 11 2012 032134-0 1.1**
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(51) B29C 70/44 (2006.01), B29C 33/50 (2006.01)
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(21) **BR 11 2012 032151-0 1.1**
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(51) G06Q 50/00 (2006.01), G06F 9/44 (2006.01)
(86) PCT US2011/040897 de 17/06/2011
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(21) **BR 11 2012 032159-5 1.1**
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(51) G01V 1/00 (2006.01)
(86) PCT EP2011/059968 de 15/06/2011
(87) WO 2011/157764 de 22/12/2011

(21) **BR 11 2012 032161-7 1.1**
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(51) E21B 43/30 (2006.01)
(86) PCT EP2011/059966 de 15/06/2011
(87) WO 2011/157763 de 22/12/2011

(21) **BR 11 2012 032163-3 1.1**
(30) 15/06/2010 FR 1054712; 17/02/2011 FR 1151321
(51) B60R 21/34 (2011.01), F15B 15/19 (2006.01)
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(87) WO 2011/157940 de 22/12/2011

(21) **BR 11 2012 032165-0 1.1**

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(51) E21B 17/00 (2006.01), B08B 9/023 (2006.01)
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(21) **BR 11 2012 032168-4 1.1**
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(51) B25J 17/02 (2006.01), B23Q 1/54 (2006.01)
(86) PCT SE11/050709 de 09/06/2011
(87) WO 2011/159225 de 22/12/2011

(21) **BR 11 2012 032171-4 1.1**
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(51) C07F 9/30 (2006.01), C07B 61/00 (2006.01)
(86) PCT JP11/063546 de 14/06/2011
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(21) **BR 11 2012 032173-0 1.1**
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(51) A61F 13/15 (2006.01)
(86) PCT IB11/052279 de 25/05/2011
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(21) **BR 11 2012 032180-3 1.1**
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(51) B29C 70/08 (2006.01), B29C 70/52 (2006.01)
(86) PCT US2011/041445 de 22/06/2011
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(21) **BR 11 2012 032181-1 1.1**
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(51) B29C 70/08 (2006.01), B29C 70/52 (2006.01)
(86) PCT US2011/041433 de 22/06/2011
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(21) **BR 11 2012 032182-0 1.1**
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(51) A61K 39/00 (2006.01), A61K 39/42 (2006.01)
(86) PCT US2011/040761 de 16/06/2011
(87) WO 2011/159938 de 22/12/2011

(21) **BR 11 2012 032185-4 1.1**
(30) 17/06/2010 US 61/355,978; 15/02/2011 US 61/443,103; 22/02/2011 US 61/445,455
(51) C07K 16/00 (2006.01), A61K 39/395 (2006.01)
(86) PCT US2011/040982 de 17/06/2011
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(21) **BR 11 2012 032189-7 1.1**
(30) 16/06/2010 US 61/355,465
(51) A61K 31/453 (2006.01), A61K 31/5685 (2006.01), A61P 15/00 (2006.01), A61P 35/00 (2006.01), A61P 5/04 (2006.01)
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(51) B23K 9/095 (2006.01), B23K 9/10 (2006.01), G06Q 99/00 (2006.01)
(86) PCT US11/040401 de 14/06/2011
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(51) A23B 4/06 (2006.01), A23L 1/10 (2006.01)
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(21) **BR 11 2012 032192-7 1.1**
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(51) C08G 59/50 (2006.01), C08J 3/00 (2006.01), C08L 63/00 (2006.01)
(86) PCT US11/042315 de 29/06/2011
(87) WO 2012/003204 de 05/01/2012

(21) **BR 11 2012 032193-5 1.1**
(30) 16/06/2010 US 61/355,317
(51) C07C 323/62 (2006.01), C07D 213/24 (2006.01), A61K 31/192 (2006.01), A61K 31/44 (2006.01), A61P 19/06 (2006.01)
(86) PCT US11/040586 de 15/06/2011
(87) WO 2011/159840 de 22/12/2011

(21) **BR 11 2012 032194-3 1.1**
(51) F02M 35/024 (2006.01), B01D 46/00 (2006.01)
(86) PCT CN10/078173 de 27/10/2010
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(21) **BR 11 2012 032195-1 1.1**
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(51) F16L 33/207 (2006.01)
(86) PCT US11/039615 de 08/06/2011
(87) WO 2011/159535 de 22/12/2011

(21) **BR 11 2012 032196-0 1.1**
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(51) G06Q 40/00 (2006.01), G06Q 30/00 (2006.01)
(86) PCT US11/040655 de 16/06/2011
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(21) **BR 11 2012 032197-8 1.1**
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(51) E04C 5/16 (2006.01)
(86) PCT US11/038675 de 01/06/2011
(87) WO 2011/159467 de 22/12/2011

(21) **BR 11 2012 032198-6 1.1**
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(51) B01D 46/00 (2006.01)
(86) PCT US11/050593 de 07/09/2011
(87) WO 2012/036940 de 22/03/2012

(21) **BR 11 2012 032200-1 1.1**
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(51) G01M 3/32 (2006.01), G01M 3/38 (2006.01), H01M 10/48 (2006.01)
(86) PCT JP11/063733 de 15/06/2011
(87) WO 2011/158878 de 22/12/2011

(21) **BR 11 2012 032202-8 1.1**
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(51) C08K 5/00 (2006.01), C09D 201/00 (2006.01)
(86) PCT EP2011/060066 de 16/06/2011
(87) WO 2011/157805 de 22/12/2011

(21) **BR 11 2012 032203-6 1.1**
(30) 15/06/2010 JP 2010-135653
(51) B60K 26/04 (2006.01), F02D 11/04 (2006.01), F02D 11/10 (2006.01)
(86) PCT JP11/060594 de 06/05/2011
(87) WO 2011/158571 de 22/12/2011

(21) **BR 11 2012 032204-4 1.1**
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(51) H04N 7/173 (2011.01), H04N 21/472 (2011.01), H04N 21/414 (2011.01)
(86) PCT US11/039102 de 03/06/2011
(87) WO 2011/162931 de 29/12/2011

(21) **BR 11 2012 032205-2 1.1**
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(51) G06F 19/00 (2011.01)
(86) PCT US2011/040853 de 17/06/2011
(87) WO 2011/159996 de 22/12/2011

(21) **BR 11 2012 032206-0 1.1**
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(51) A61K 38/00 (2006.01), G01N 23/06 (2006.01), G01N 31/00 (2006.01)
(86) PCT US11/040669 de 16/06/2011
(87) WO 2011/159878 de 22/12/2011

(21) **BR 11 2012 032207-9 1.1**
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(51) H01M 10/48 (2006.01), G01R 31/36 (2006.01), H01M 2/10 (2006.01), B60L 11/18 (2006.01)
(86) PCT KR11/004421 de 16/06/2011
(87) WO 2011/159112 de 22/12/2011

(21) **BR 11 2012 032208-7 1.1**
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(51) C12P 7/10 (2006.01)
(86) PCT US11/040726 de 16/06/2011
(87) WO 2011/159915 de 22/12/2011

(21) **BR 11 2012 032209-5 1.1**
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(51) B26D 1/38 (2006.01), B26D 3/10 (2006.01), B26D 7/08 (2006.01), B23D 15/00 (2006.01), H01M 4/26 (2006.01), B26F 1/44 (2006.01)
(86) PCT IB11/001313 de 10/06/2011
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(21) **BR 11 2012 032210-9 1.1**
(30) 24/06/2010 JP 2010-143401
(51) H04N 13/04 (2006.01), H04N 7/26 (2006.01)
(86) PCT JP2011/063868 de 17/06/2011
(87) WO 2011/162168 de 29/12/2011

(21) **BR 11 2012 032211-7 1.1**
(30) 29/06/2010 EP 10167679.9; 12/10/2010 EP 10187280.2
(51) C07C 51/44 (2006.01), C07C 51/50 (2006.01), C07C 53/02 (2006.01)
(86) PCT EP2011/060770 de 28/06/2011
(87) WO 2012/000964 de 05/01/2012

(21) **BR 11 2012 032212-5 1.1**
(30) 17/06/2010 EP 10006308.0
(51) C12P 7/06 (2006.01), C12P 19/02 (2006.01)
(86) PCT EP2011/002974 de 16/06/2011
(87) WO 2011/157427 de 22/12/2011

(21) **BR 11 2012 032213-3 1.1**
(30) 18/06/2010 US 12/818300
(51) A61M 5/14 (2006.01), B01F 3/00 (2006.01), A61M 5/178 (2006.01), A61L 24/00 (2006.01)
(86) PCT US2011/040642 de 16/06/2011
(87) WO 2011/159869 de 22/12/2011

(21) **BR 11 2012 032214-1 1.1**
(30) 17/06/2010 FR 1054795
(51) F16C 1/26 (2006.01), F16H 61/36 (2006.01)
(86) PCT FR2011/051303 de 09/06/2011
(87) WO 2011/157925 de 22/12/2011

(21) **BR 11 2012 032215-0 1.1**
(30) 15/06/2010 FR 1054721
(51) A61K 47/18 (2006.01), A61K 47/26 (2006.01), A61K 38/00 (2006.01), A61K 39/395 (2006.01)
(86) PCT FR2011/051358 de 15/06/2011
(87) WO 2011/157950 de 22/12/2011

(21) **BR 11 2012 032216-8 1.1**
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(51) B01J 21/02 (2006.01), B01J 21/06 (2006.01), B01J 23/02 (2006.01), B01J 23/08 (2006.01), B01J 23/12 (2006.01), B01J 23/14 (2006.01), B01J 23/18 (2006.01), B01J 23/20 (2006.01), B01J 37/03 (2006.01), C07C 51/353 (2006.01), C07C 67/343 (2006.01), C07C 57/04 (2006.01), C07C 69/54 (2006.01), B01J 27/14 (2006.01), B01J 27/24 (2006.01), C01B 21/082 (2006.01)
(86) PCT GB2011/051195 de 24/06/2011
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(21) **BR 11 2012 032217-6 1.1**
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(51) G01N 33/50 (2006.01)
(86) PCT US2011/040430 de 15/06/2011
(87) WO 2011/159750 de 22/12/2011

(21) **BR 11 2012 032218-4 1.1**
(30) 17/06/2010 EP 10166409.2
(51) C08F 220/28 (2006.01), C11D 3/22 (2006.01), C11D 3/00 (2006.01)
(86) PCT EP2011/059987 de 16/06/2011
(87) WO 2011/157777 de 22/12/2011

(21) **BR 11 2012 032220-6 1.1**
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(51) F17C 13/08 (2006.01), B63B 25/16 (2006.01)
(86) PCT NO2011/000177 de 20/06/2011
(87) WO 2011/159170 de 22/12/2011

(21) **BR 11 2012 032221-4 1.1**
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(51) B29C 47/14 (2006.01), B29C 47/72 (2006.01), B05C 5/02 (2006.01)
(86) PCT EP2011/060170 de 17/06/2011
(87) WO 2011/157843 de 22/12/2011

(21) **BR 11 2012 032222-2 1.1**
(30) 30/06/2010 IT RM2010A000353; 30/09/2010 US 61/388109
(51) B60C 11/04 (2006.01), B60C 11/12 (2006.01)
(86) PCT IB2011/001501 de 28/06/2011
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(21) **BR 11 2012 032223-0 1.1**
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(51) G07F 11/58 (2006.01)
(86) PCT IB2011/001357 de 17/06/2011
(87) WO 2011/158101 de 22/12/2011

(21) **BR 11 2012 032225-7 1.1**
(30) 28/06/2010 EP 10167459.6
(51) B01F 17/46 (2006.01), C11D 1/44 (2006.01)
(86) PCT EP2011/060360 de 21/06/2011
(87) WO 2012/000845 de 05/01/2012

(21) **BR 11 2012 032228-1 1.1**
(30) 25/06/2010 JP 2010-144376; 23/06/2011 JP 2011-139940
(51) A61K 8/60 (2006.01), A61K 8/20 (2006.01), A61K 8/34 (2006.01), A61K 8/81 (2006.01), A61K 8/86 (2006.01), A61K 8/87 (2006.01), A61Q 5/06 (2006.01)
(86) PCT JP2011/064519 de 24/06/2011

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(21) **BR 11 2012 032229-0 1.1**
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(51) B31B 3/52 (2006.01)
(86) PCT ES2011/070273 de 15/04/2011
(87) WO 2011/157874 de 22/12/2011

(21) **BR 11 2012 032231-1 1.1**
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(51) H02J 13/00 (2006.01), H04L 12/28 (2006.01), H04W 84/18 (2009.01)
(86) PCT CA2011/000721 de 17/06/2011
(87) WO 2011/156914 de 22/12/2011

(21) **BR 11 2012 032232-0 1.1**
(30) 21/06/2010 SE 1050638-4
(51) F01N 3/20 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE2011/050786 de 20/06/2011
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(21) **BR 11 2012 032233-8 1.1**
(30) 18/06/2010 US 61/356,464; 16/06/2011 US 13/162,313
(51) H04W 36/00 (2009.01), H04W 12/04 (2009.01), H04L 29/06 (2006.01)
(86) PCT US2011/040964 de 17/06/2011
(87) WO 2011/160073 de 22/12/2011

(21) **BR 11 2012 032234-6 1.1**
(30) 15/06/2010 EP 10382174.0; 16/07/2010 US 61/365,059
(51) C07D 487/04 (2006.01), C07D 519/00 (2006.01), A61K 31/522 (2006.01), A61P 29/00 (2006.01)
(86) PCT EP2011/002917 de 14/06/2011
(87) WO 2011/157397 de 22/12/2011

(21) **BR 11 2012 032235-4 1.1**
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(51) C07D 491/052 (2006.01), A61K 31/407 (2006.01), A61P 3/10 (2006.01)
(86) PCT EP2011/059783 de 14/06/2011
(87) WO 2011/157682 de 22/12/2011

(21) **BR 11 2012 032236-2 1.1**
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(51) B60J 1/00 (2006.01), B60J 10/02 (2006.01), B29C 45/14 (2006.01)
(86) PCT FR2011/051351 de 15/06/2011
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(21) **BR 11 2012 032237-0 1.1**
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(51) B64C 25/10 (2006.01), B64C 25/34 (2006.01)
(86) PCT EP2011/060072 de 16/06/2011
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(21) **BR 11 2012 032238-9 1.1**
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(51) C07D 403/06 (2006.01), C07D 405/14 (2006.01), C07D 409/14 (2006.01), C07D 417/14 (2006.01), A01N 43/78 (2006.01), A01N 43/713 (2006.01), A01N 43/653 (2006.01), A01N 43/56 (2006.01), A01N 43/707 (2006.01), C07D 401/14 (2006.01), C07D 403/14 (2006.01)
(86) PCT EP2011/059692 de 10/06/2011
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(21) **BR 11 2012 032239-7 1.1**
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(51) F01N 3/20 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
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(21) **BR 11 2012 032240-0 1.1**
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(51) C12P 21/06 (2006.01)
(86) PCT US2011/040788 de 16/06/2011
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(21) **BR 11 2012 032241-9 1.1**
(30) 21/06/2010 SE 1050641-8
(51) F01N 9/00 (2006.01), F01N 3/20 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE2011/050801 de 20/06/2011
(87) WO 2011/162702 de 29/12/2011

(21) **BR 11 2012 032242-7 1.1**
(30) 16/06/2010 GB 1010042.8
(51) A01N 25/08 (2006.01), A01N 63/04 (2006.01), A01P 7/04 (2006.01)
(86) PCT GB2011/000889 de 14/06/2011
(87) WO 2011/157983 de 22/12/2011

(21) **BR 11 2012 032244-3 1.1**
(30) 15/06/2010 EP 10166059.5; 15/06/2010 US 61/354,920
(51) C07D 401/14 (2006.01), A01N 43/713 (2006.01), A61P 33/00 (2006.01), A61K 31/4439 (2006.01)
(86) PCT EP2011/059735 de 10/06/2011
(87) WO 2011/157664 de 22/12/2011

(21) **BR 11 2012 032245-1 1.1**
(30) 21/06/2010 SE 1050639-2
(51) F01N 3/20 (2006.01), F01N 9/00 (2006.01), F01N 11/00 (2006.01)
(86) PCT SE2011/050789 de 20/06/2011
(87) WO 2011/162692 de 29/12/2011

(21) **BR 11 2012 032246-0 1.1**
(30) 30/06/2010 JP 2010-149117
(51) C09J 133/00 (2006.01), C09J 5/00 (2006.01), C09J 123/08 (2006.01), C09J 131/04 (2006.01), C09J 163/00 (2006.01), C09J 175/04 (2006.01), E02D 29/00 (2006.01), E02D 31/02 (2006.01), E04D 11/00 (2006.01)
(86) PCT JP2011/064917 de 29/06/2011
(87) WO 2012/002437 de 05/01/2012

(21) **BR 11 2012 032247-8 1.1**
(30) 15/06/2010 US 61/354,895; 15/06/2010 EP 10166062.9
(51) C07D 401/06 (2006.01), C07D 403/06 (2006.01), C07D 413/06 (2006.01), C07D 417/06 (2006.01), A01N 43/56 (2006.01), A01N 43/713 (2006.01), A01N 43/76 (2006.01), A01N 43/78 (2006.01), A01P 7/00 (2006.01)
(86) PCT EP2011/059696 de 10/06/2011
(87) WO 2011/157653 de 22/12/2011

(21) **BR 11 2012 032248-6 1.1**
(30) 23/06/2010 US 61/357,981
(51) A61K 9/14 (2006.01), A61K 9/16 (2006.01), A61K 31/397 (2006.01)
(86) PCT US2011/040972 de 17/06/2011
(87) WO 2011/163090 de 29/12/2011

(21) **BR 11 2012 032249-4 1.1**
(30) 16/06/2010 GB 1010080.8
(51) B65D 75/08 (2006.01), B65D 75/58 (2006.01), B65D 77/02 (2006.01), B65D 85/60 (2006.01)
(86) PCT EP2011/059177 de 02/06/2011
(87) WO 2011/157572 de 22/12/2011

(21) **BR 11 2012 032250-8 1.1**
(30) 18/06/2010 FR 1054850
(51) C23C 28/02 (2006.01), C25D 3/00 (2006.01)
(86) PCT FR2011/051330 de 10/06/2011
(87) WO 2011/157935 de 22/12/2011

(21) **BR 11 2012 032251-6 1.1**
(30) 15/06/2010 EP 10166019.9; 15/06/2010 US 61/354,933
(51) C07D 213/61 (2006.01)
(86) PCT EP2011/059691 de 10/06/2011
(87) WO 2011/157650 de 22/12/2011

(21) **BR 11 2012 032252-4 1.1**
(30) 18/06/2010 FR 1054851
(51) F01D 5/26 (2006.01), F01D 9/04 (2006.01), F01D 25/24 (2006.01)
(86) PCT FR2011/051373 de 16/06/2011
(87) WO 2011/157957 de 22/12/2011

(21) **BR 11 2012 032253-2 1.1**
(30) 18/06/2010 FR 1054860
(51) C08L 53/00 (2006.01), C08L 53/02 (2006.01), C08J 9/10 (2006.01), F16J 15/00 (2006.01)
(86) PCT EP2011/060250 de 20/06/2011
(87) WO 2011/157852 de 22/12/2011

(21) **BR 11 2012 032254-0 1.1**
(30) 18/06/2010 FR 1054849
(51) F01D 5/26 (2006.01), F01D 9/04 (2006.01), F01D 25/24 (2006.01)
(86) PCT FR2011/051372 de 16/06/2011
(87) WO 2011/157956 de 22/12/2011

(21) **BR 11 2012 032255-9 1.1**
(30) 15/06/2010 EP 10166064.5; 15/06/2010 US 61/354,905
(51) C07D 401/04 (2006.01), C07D 401/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), A01N 43/56 (2006.01), A01N 43/713 (2006.01), A01N 43/76 (2006.01), A01N 43/78 (2006.01)
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(87) WO 2011/157654 de 22/12/2011

(21) **BR 11 2012 032256-7 1.1**
(30) 15/06/2010 FR 1054722; 28/09/2010 US 61/387,385
(51) B60C 15/06 (2006.01)
(86) PCT EP2011/059730 de 10/06/2011
(87) WO 2011/157661 de 22/12/2011

(21) **BR 11 2012 032258-3 1.1**
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(51) H04W 48/16 (2009.01)
(86) PCT EP2011/059830 de 14/06/2011
(87) WO 2011/157702 de 22/12/2011

(21) **BR 11 2012 032259-1 1.1**
(30) 15/06/2010 US 61/354,913; 15/06/2010 EP 10166061.1
(51) C07D 401/14 (2006.01), A01N 43/56 (2006.01)
(86) PCT EP2011/059734 de 10/06/2011
(87) WO 2011/157663 de 22/12/2011

(21) **BR 11 2012 032261-3 1.1**
(30) 18/06/2010 EP 10166564.4
(51) H02M 7/493 (2007.01)
(86) PCT EP11/060129 de 17/06/2011
(87) WO 2011/157829 de 22/12/2011

(21) **BR 11 2012 032262-1 1.1**
(30) 15/06/2010 FR 10 54724
(51) H01Q 7/00 (2006.01), H01Q 7/04 (2006.01), H01Q 21/10 (2006.01)
(86) PCT FR11/051346 de 14/06/2011
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(21) **BR 11 2012 032263-0 1.1**
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(51) F16L 15/00 (2006.01)
(86) PCT EP11/002707 de 01/06/2011
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(51) H02N 2/00 (2006.01)
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(21) **BR 11 2012 032265-6 1.1**
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(51) B03C 3/68 (2006.01), B03C 3/02 (2006.01)
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(21) **BR 11 2012 032266-4 1.1**
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(51) A46B 9/04 (2006.01)
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(21) **BR 11 2012 032267-2 1.1**
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(51) C07C 29/32 (2006.01), C07C 31/12 (2006.01)
(86) PCT EP11/002233 de 05/05/2011
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(21) **BR 11 2012 032268-0 1.1**
(30) 18/06/2010 CN 201010207844.5; 16/06/2011 CN 201110161960.2
(51) H04B 7/04 (2006.01), H04W 52/42 (2009.01), H04L 1/00 (2006.01)
(86) PCT CN11/075911 de 20/06/2011
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(21) **BR 11 2012 032269-9 1.1**
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(51) H01M 12/06 (2006.01), H01M 12/08 (2006.01)
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(21) **BR 11 2012 032270-2 1.1**
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(51) A23G 3/00 (2006.01), A23G 4/06 (2006.01), A23G 4/20 (2006.01), A23G 4/00 (2006.01), A23G 3/34 (2006.01), A23G 4/12 (2006.01)
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(30) 16/06/2010 SE 1000647-6
(51) B01D 33/76 (2006.01), B01D 33/21 (2006.01), B01D 33/44 (2006.01), B01D 33/50 (2006.01), B01D 33/72 (2006.01)
(86) PCT SE11/050733 de 14/06/2011
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(21) **BR 11 2012 032272-9 1.1**
(30) 17/06/2010 JP PCT/JP2010/004032
(51) E01H 12/00 (2006.01), B65F 3/00 (2006.01)
(86) PCT JP10/006869 de 25/11/2010
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(21) **BR 11 2012 032273-7 1.1**
(30) 17/06/2010 US 12/818,000
(51) H04N 7/26 (2006.01), H04N 1/387 (2006.01), G06T 3/00 (2006.01), G06T 5/00 (2006.01)
(86) PCT US11/038854 de 02/06/2011
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(21) **BR 11 2012 032274-5 1.1**
(30) 17/06/2010 FR 10 02564
(51) C02F 3/04 (2006.01), C02F 3/32 (2006.01), C02F 101/36 (2006.01)
(86) PCT EP11/002932 de 15/06/2011
(87) WO 2011/157406 de 22/12/2011

(21) **BR 11 2012 032276-1 1.1**
(30) 17/06/2010 US 61/356,017; 22/12/2010 US 61/426,481
(51) C07C 9/14 (2006.01), C07C 9/18 (2006.01), C07C 11/02 (2006.01), C07C 11/10 (2006.01), C12P 5/02 (2006.01)
(86) PCT US11/040977 de 17/06/2011
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(21) **BR 11 2012 032277-0 1.1**
(30) 16/06/2010 US 12/816,824
(51) E21B 43/114 (2006.01), E21B 43/26 (2006.01), E21B 10/60 (2006.01)
(86) PCT US11/037544 de 23/05/2011
(87) WO 2011/159432 de 22/12/2011

(21) **BR 11 2012 032278-8 1.1**
(30) 18/06/2010 EP 10166558.6
(51) G01C 15/00 (2006.01)
(86) PCT EP11/059695 de 10/06/2011
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(21) **BR 11 2012 032279-6 1.1**
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(51) C12N 9/00 (2006.01), C12P 7/64 (2006.01), C12N 1/16 (2006.01), C12N 1/18 (2006.01), C12N 9/88 (2006.01)
(86) PCT EP2011/060237 de 20/06/2011
(87) WO 2011/157848 de 22/12/2011

(21) **BR 11 2012 032280-0 1.1**
(30) 16/06/2010 NL 2004901
(51) E04B 2/02 (2006.01)
(86) PCT NL11/050434 de 15/06/2011
(87) WO 2011/159158 de 22/12/2011

(21) **BR 11 2012 032281-8 1.1**
(30) 16/06/2010 DE 10 2010 023 938.0
(51) B64D 33/02 (2006.01), B64C 39/10 (2006.01), B64D 27/16 (2006.01)
(86) PCT DE2011/001218 de 14/06/2011
(87) WO 2012/010116 de 26/01/2012

(21) **BR 11 2012 032282-6 1.1**
(30) 17/06/2010 DE 10 2010 024 105.9
(51) A61K 9/70 (2006.01), A61K 31/13 (2006.01)
(86) PCT EP11/002953 de 15/06/2011
(87) WO 2011/157416 de 22/12/2011

(21) **BR 11 2012 032313-0 1.1**
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(51) A46B 5/00 (2006.01), A46B 7/06 (2006.01)
(86) PCT KR2011/004724 de 28/06/2011
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(21) **BR 11 2012 032326-1 1.1**
(30) 18/06/2010 CN 201020245046.7
(51) A61H 19/00 (2006.01), A61F 5/41 (2006.01), A61N 5/06 (2006.01), A61F 7/00 (2006.01)
(86) PCT CN2011/075498 de 09/06/2011
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(21) **BR 11 2012 032332-6 1.1**
(30) 22/06/2010 EP 10166907.5
(51) C07D 453/02 (2006.01), A61K 31/439 (2006.01), A61P 11/00 (2006.01)
(86) PCT EP2011/060131 de 17/06/2011
(87) WO 2011/161018 de 29/12/2011

(21) **BR 11 2012 032344-0 1.1**
(30) 18/06/2010 US 61/356,265
(51) A61K 38/21 (2006.01), A61K 38/17 (2006.01), A61K 48/00 (2006.01), A61P 29/00 (2006.01)
(86) PCT US2011/040810 de 17/06/2011
(87) WO 2011/159970 de 22/12/2011

(21) **BR 11 2012 032369-5 1.1**
(30) 18/06/2010 GB 1010237.4
(51) C12Q 1/68 (2006.01), A61B 10/00 (2006.01), G01N 33/543 (2006.01)
(86) PCT GB2011/051133 de 17/06/2011
(87) WO 2011/158037 de 22/12/2011

(21) **BR 11 2012 032371-7 1.1**
(30) 18/06/2010 US 61/356,306; 20/06/2011 US 13/164,102
(51) G06F 15/16 (2006.01), G06Q 50/00 (2006.01)
(86) PCT US2011/041069 de 20/06/2011
(87) WO 2011/160113 de 22/12/2011

(21) **BR 11 2012 032374-1 1.1**
(30) 18/06/2010 NL PCT/NL2010/000098
(51) F01K 25/02 (2006.01)
(86) PCT NL2010/000164 de 19/11/2010
(87) WO 2011/159145 de 22/12/2011

(21) **BR 11 2012 032375-0 1.1**
(30) 18/06/2010 EP 10166452.2
(51) C09D 183/14 (2006.01), C03C 17/00 (2006.01), G02B 1/11 (2006.01), H01L 31/0216 (2006.01), C08G 77/58 (2006.01)
(86) PCT EP2011/060106 de 17/06/2011
(87) WO 2011/157820 de 22/12/2011

(21) **BR 11 2012 032376-8 1.1**
(30) 18/06/2010 US 12/818,914
(51) H04B 1/38 (2006.01), H04M 1/02 (2006.01)
(86) PCT US2011/038836 de 02/06/2011
(87) WO 2011/159479 de 22/12/2011

(21) **BR 11 2012 032380-6 1.1**
(30) 15/07/2010 US 61/364,648; 15/07/2010 US 10169607.8
(51) A61B 6/00 (2006.01), G01T 1/29 (2006.01)
(86) PCT EP2011/060677 de 27/06/2011
(87) WO 2012/007264 de 19/01/2012

(21) **BR 11 2012 032383-0 1.1**
(30) 18/06/2010 US 12/818395
(51) A61B 17/58 (2006.01), A61B 17/68 (2006.01), A61B 17/86 (2006.01)
(86) PCT US2011/040709 de 16/06/2011
(87) WO 2011/159902 de 22/12/2011

(21) **BR 11 2012 032385-7 1.1**
(30) 20/12/2010 JP 2010-283831
(51) A61H 33/14 (2006.01), A61H 33/02 (2006.01), A61H 33/06 (2006.01), A61H 33/10 (2006.01)
(86) PCT JP2011/079485 de 20/12/2011
(87) WO 2012/086635 de 28/06/2012

(21) **BR 11 2012 032386-5 1.1**
(30) 20/12/2010 JP 2010-283832
(51) A61H 33/14 (2006.01), A61H 33/02 (2006.01), A61H 33/06 (2006.01), A61H 33/10 (2006.01)
(86) PCT JP2011/079486 de 20/12/2011
(87) WO 2012/086636 de 28/06/2012

(21) **BR 11 2012 032387-3 1.1**
(30) 01/07/2010 EP 10168144.3
(51) C08F 2/32 (2006.01), C08F 2/38 (2006.01), C11D 1/04 (2006.01)
(86) PCT EP2011/060993 de 30/06/2011
(87) WO 2012/001092 de 05/01/2012

(21) **BR 11 2012 032391-1 1.1**
(51) H01L 25/07 (2006.01), H01L 25/18 (2006.01)
(86) PCT JP2010/061265 de 01/07/2010
(87) WO 2012/001805 de 05/01/2012

(21) **BR 11 2012 032392-0 1.1**
(30) 09/07/2010 NO 20100993
(51) H02K 5/132 (2006.01), F03B 13/10 (2006.01), F04D 13/08 (2006.01), H02K 9/00 (2006.01), H02K 21/00 (2006.01)
(86) PCT NO2011/000193 de 05/07/2011
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(21) **BR 11 2012 032393-8 1.1**
(30) 23/06/2010 US 61/357736
(51) B65D 19/24 (2006.01), B21D 9/05 (2006.01), B65D 19/28 (2006.01)
(86) PCT CA2011/050372 de 20/06/2011
(87) WO 2011/160224 de 29/12/2011

(21) **BR 11 2012 032397-0 1.1**
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(21) **BR 11 2012 032398-9 1.1**
(30) 18/06/2010 US 61/356,101; 18/06/2010 US 61/356,073; 18/06/2010 EP 10006365.0; 18/06/2010 EP 10006364.3; 25/08/2010 US 61/402,190; 25/08/2010 US 61/402,164
(51) A61K 9/00 (2006.01), A61P 17/00 (2006.01), A61K 31/13 (2006.01), A61K 47/36 (2006.01), A61K 47/38 (2006.01)
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(51) B65D 5/48 (2006.01), B65D 85/10 (2006.01)
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(21) **BR 11 2012 032400-4 1.1**
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(51) H04W 24/10 (2009.01)
(86) PCT SE2011/050639 de 23/05/2011
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(21) **BR 11 2012 032402-0 1.1**
(30) 30/06/2010 FR 1002777
(51) F16K 1/226 (2006.01), F16K 27/02 (2006.01), F02D 9/10 (2006.01), F02M 25/07 (2006.01)
(86) PCT FR2011/051485 de 27/06/2011
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(21) **BR 11 2012 032404-7 1.1**
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(51) F16K 1/226 (2006.01), F16K 27/02 (2006.01), F02D 9/10 (2006.01), F02M 25/07 (2006.01)
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(21) **BR 11 2012 032405-5 1.1**
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(21) **BR 11 2012 032410-1 1.1**
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(51) F16K 1/226 (2006.01), F16K 27/02 (2006.01), F02D 9/10 (2006.01), F02M 25/07 (2006.01), F16K 1/22 (2006.01), F16K 11/052 (2006.01)
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(21) **BR 11 2012 032412-8 1.1**
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(51) F16K 1/226 (2006.01), F16K 27/02 (2006.01), F02D 9/10 (2006.01), F02M 25/07 (2006.01)
(86) PCT FR2011/051487 de 27/06/2011
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(21) **BR 11 2012 032415-2 1.1**
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(51) A01N 43/56 (2006.01), A01N 43/713 (2006.01), A01P 7/00 (2006.01)
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(21) **BR 11 2012 032416-0 1.1**
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(51) H04W 52/02 (2009.01), H04W 72/12 (2009.01), H04L 5/00 (2006.01)
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(21) **BR 11 2012 032417-9 1.1**
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(51) H04L 1/00 (2006.01), H04W 72/04 (2009.01)
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(51) B26F 1/16 (2006.01), B23B 35/00 (2006.01), H05K 3/00 (2006.01)
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(51) B60C 23/00 (2006.01)
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(51) A61L 9/01 (2006.01), A61L 9/14 (2006.01)
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(51) G08B 13/14 (2006.01)
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(51) C10B 57/14 (2006.01), C10B 53/02 (2006.01), C10B 49/16 (2006.01), C10B 57/02 (2006.01)
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(51) A61M 5/175 (2006.01), A61M 5/32 (2006.01), A61M 5/50 (2006.01)
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(87) WO 2012/015607 de 02/02/2012

(21) **BR 11 2012 032462-4 1.1**
(30) 25/06/2010 JP 2010-145030; 08/12/2010 JP 2010-273921
(51) A61K 31/4427 (2006.01), A61K 31/4545 (2006.01), A61K 31/47 (2006.01), A61K 31/496 (2006.01), A61P 35/00 (2006.01)
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(21) **BR 11 2012 032463-2 1.1**
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(51) A61K 9/00 (2006.01), A61K 9/20 (2006.01), A61K 47/10 (2006.01), A61K 47/02 (2006.01)
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(87) WO 2011/160849 de 29/12/2011

(21) **BR 11 2012 032466-7 1.1**
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(51) C08L 53/02 (2006.01), E04D 3/32 (2006.01), C08K 7/02 (2006.01), F16J 15/00 (2006.01), D06M 15/21 (2006.01)
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(51) A01N 53/00 (2006.01), A01P 7/02 (2006.01), A01P 7/04 (2006.01), A01N 57/16 (2006.01), A01N 25/30 (2006.01), A01N 25/02 (2006.01), A01N 25/04 (2006.01)
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(21) **BR 11 2012 032489-6 1.1**
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(51) A23L 1/226 (2006.01), A23L 1/236 (2006.01), A23L 1/22 (2006.01)
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(21) **BR 11 2012 032491-8 1.1**
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(51) A61K 9/00 (2006.01), C08G 12/26 (2006.01), C08G 12/06 (2006.01)
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(51) H04N 1/44 (2006.01)
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(21) **BR 11 2012 032505-1 1.1**
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(51) H04N 7/173 (2011.01), H04L 29/06 (2006.01)
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(51) C09D 167/00 (2006.01), A01N 25/10 (2006.01), A01N 55/02 (2006.01), A01P 17/00 (2006.01), B05D 5/00 (2006.01), B63B 59/04 (2006.01), C09D 5/16 (2006.01), C09D 7/12 (2006.01), C09D 133/04 (2006.01), C09D 157/02 (2006.01), C09D 161/02 (2006.01), C09D 193/04 (2006.01)
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(51) C12Q 1/68 (2006.01)
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(51) H04N 5/232 (2006.01)
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(51) H04B 7/15 (2006.01), H04L 5/00 (2006.01), H04W 72/04 (2009.01)
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(51) H02J 7/00 (2006.01), H02J 7/14 (2006.01), B60L 1/00 (2006.01), B60R 16/033 (2006.01)
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(51) H01G 11/04 (2013.01), H01G 11/30 (2013.01), H01M 10/12 (2006.01), H01M 4/14 (2006.01)
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(51) B29B 11/14 (2006.01), B29C 49/04 (2006.01), B29B 11/10 (2006.01), B29C 49/22 (2006.01)
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(51) C08F 8/44 (2006.01), C08F 8/32 (2006.01)
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(51) A01H 1/00 (2006.01), A01H 5/00 (2006.01), C12N 15/82 (2006.01)
(86) PCT US2011/041333 de 22/06/2011
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(21) **BR 11 2012 032536-1 1.1**
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(51) H01M 2/02 (2006.01), H01M 2/10 (2006.01), H01M 2/26 (2006.01), H01M 10/39 (2006.01), H01M 10/42 (2006.01), H01M 10/058 (2010.01), H01M 8/18 (2006.01)
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(51) C08F 110/02 (2006.01), C08F 4/64 (2006.01), C08F 4/659 (2006.01)
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(51) A61K 31/429 (2006.01), A61K 31/7048 (2006.01), A61K 9/10 (2006.01), A61K 45/06 (2006.01), A61K 47/44 (2006.01), A61K 9/00 (2006.01), A61P 33/10 (2006.01)
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(51) F01N 3/20 (2006.01), F01N 11/00 (2006.01), F01N 9/00 (2006.01)
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(51) G07C 9/00 (2006.01)
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(21) **BR 11 2012 032543-4 1.1**
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(51) A61K 31/426 (2006.01), A61P 9/12 (2006.01), A61P 13/12 (2006.01), A61P 19/06 (2006.01)
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(21) **BR 11 2012 032545-0 1.1**
(30) 21/06/2010 SE 1050646-7
(51) F01N 3/025 (2006.01), F01N 3/36 (2006.01), F01N 11/00 (2006.01), F01N 3/20 (2006.01), F01N 9/00 (2006.01)
(86) PCT SE2011/050794 de 20/06/2011
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(51) F24D 17/00 (2006.01), F24D 11/00 (2006.01), F24D 19/10 (2006.01), F24D 3/08 (2006.01), F24D 10/00 (2006.01), F24D 12/02 (2006.01)
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(21) **BR 11 2012 032547-7 1.1**
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(51) F01N 3/20 (2006.01), F01N 11/00 (2006.01)
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(21) **BR 11 2012 032548-5 1.1**
(30) 23/06/2010 EP 101670487

(51) C08L 23/12 (2006.01), B32B 1/08 (2006.01), B32B 27/32 (2006.01), F16L 9/12 (2006.01), F16L 11/04 (2006.01)
(86) PCT EP2011/059424 de 08/06/2011
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(21) **BR 11 2012 032549-3 1.1**
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(51) B60S 1/52 (2006.01)
(86) PCT EP2011/059451 de 08/06/2011
(87) WO 2011/160952 de 29/12/2011

(21) **BR 11 2012 032550-7 1.1**
(30) 23/06/2010 FR 1054986
(51) F01N 3/20 (2006.01), F01N 11/00 (2006.01)
(86) PCT EP2011/060468 de 22/06/2011
(87) WO 2011/161175 de 29/12/2011

(21) **BR 11 2012 032551-5 1.1**
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(51) F01N 11/00 (2006.01), F01N 3/20 (2006.01)
(86) PCT EP2011/060450 de 22/06/2011
(87) WO 2011/161162 de 29/12/2011

(21) **BR 11 2012 032552-3 1.1**
(30) 21/06/2010 SE 1050652-5
(51) F01N 3/025 (2006.01), F01N 11/00 (2006.01), F01N 3/20 (2006.01)
(86) PCT SE2011/050796 de 20/06/2011
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(21) **BR 11 2012 032554-0 1.1**
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(51) H04W 24/10 (2009.01)
(86) PCT SE2011/050531 de 29/04/2011
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(51) A46B 9/02 (2006.01), A46B 9/06 (2006.01)
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(21) **BR 11 2012 032556-6 1.1**
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(51) A01N 33/12 (2006.01), A01N 43/653 (2006.01), B27K 3/52 (2006.01), A01P 3/00 (2006.01), A01N 59/20 (2006.01)
(86) PCT GB2011/000930 de 21/06/2011
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(21) **BR 11 2012 032557-4 1.1**
(30) 19/06/2010 US 61/356,589; 19/06/2010 EP 10166587.5; 30/03/2011 US 61/469,100
(51) A61B 5/08 (2006.01), A61M 16/00 (2006.01)
(86) PCT EP2011/060264 de 20/06/2011
(87) WO 2011/157855 de 22/12/2011

(21) **BR 11 2012 032558-2 1.1**
(51) B60R 22/26 (2006.01)
(86) PCT US2010/039724 de 24/06/2010
(87) WO 2011/162757 de 29/12/2011

(21) **BR 11 2012 032559-0 1.1**
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(51) H01L 23/12 (2006.01)
(86) PCT KR2011/004378 de 15/06/2011
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(21) **BR 11 2012 032560-4 1.1**
(30) 21/06/2010 JP 2010-140344
(51) C07D 209/18 (2006.01), A61K 31/405 (2006.01), A61P 11/06 (2006.01), A61P 37/08 (2006.01), A61P 43/00 (2006.01)
(86) PCT JP2011/064088 de 20/06/2011
(87) WO 2011/162222 de 29/12/2011

(21) **BR 11 2012 032569-8 1.1**
(30) 21/06/2010 EP 101666360
(51) C08J 3/22 (2006.01), C08L 23/08 (2006.01), H01B 3/44 (2006.01), C08L 23/06 (2006.01), C08K 5/56 (2006.01)
(86) PCT EP11/059675 de 10/06/2011
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(21) **BR 11 2012 032570-1 1.1**
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(51) G01N 31/22 (2006.01), G01N 21/77 (2006.01)
(86) PCT US2011/040499 de 15/06/2011
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(21) **BR 11 2012 032571-0 1.1**
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(51) H04L 1/18 (2006.01), H04L 5/00 (2006.01)
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(87) WO 2011/161538 de 29/12/2011

(21) **BR 11 2012 032572-8 1.1**
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(51) B29C 59/14 (2006.01), B05D 7/24 (2006.01), C23C 16/50 (2006.01)
(86) PCT EP2011/059333 de 07/06/2011
(87) WO 2011/160939 de 29/12/2011

(21) **BR 11 2012 032574-4 1.1**
(30) 23/06/2010 FR 1054979
(51) B01D 17/02 (2006.01), E21B 43/01 (2006.01), E21B 43/34 (2006.01)
(86) PCT FR2011/051128 de 19/05/2011
(87) WO 2011/161343 de 29/12/2011

(21) **BR 11 2012 032576-0 1.1**
(30) 22/06/2010 EP 101667574
(51) C07D 451/02 (2006.01), A61K 31/46 (2006.01), A61P 25/00 (2006.01)
(86) PCT EP2011/060073 de 17/06/2011
(87) WO 2011/161006 de 29/12/2011

(21) **BR 11 2012 032577-9 1.1**
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(51) A61B 17/80 (2006.01), A61B 17/86 (2006.01)
(86) PCT EP2011/003111 de 24/06/2011
(87) WO 2011/160846 de 29/12/2011

(21) **BR 11 2012 032579-5 1.1**
(30) 24/06/2010 EP 10 167243.4
(51) A61K 38/28 (2006.01), A61K 31/155 (2006.01), A61K 31/522 (2006.01)
(86) PCT EP2011/060449 de 22/06/2011
(87) WO 2011/161161 de 29/12/2011

(21) **BR 11 2012 032580-9 1.1**
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(51) H01L 23/12 (2006.01)
(86) PCT KR2011/003990 de 01/06/2011
(87) WO 2011/162488 de 29/12/2011

(21) **BR 11 2012 032581-7 1.1**
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(51) B32B 27/00 (2006.01), B32B 27/36 (2006.01), C09J 175/06 (2006.01)
(86) PCT JP2011/063816 de 16/06/2011
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(21) **BR 11 2012 032615-5 1.1**
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(51) D01F 6/04 (2006.01), C08F 4/64 (2006.01), C08F 110/02 (2006.01)
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(21) **BR 11 2012 032616-3 1.1**
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(51) C12N 1/20 (2006.01), C12N 15/01 (2006.01), A23C 9/123 (2006.01), A23C 9/127 (2006.01), C12R 1/225 (2006.01), C12R 1/46 (2006.01)
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(87) WO 2011/161085 de 29/12/2011

(21) **BR 11 2012 032617-1 1.1**
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(51) A24B 3/18 (2006.01), A23P 1/14 (2006.01)
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(87) WO 2011/160852 de 29/12/2011

(21) **BR 11 2012 032618-0 1.1**
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(51) F24J 2/48 (2006.01)
(86) PCT EP2011/059434 de 08/06/2011
(87) WO 2011/160948 de 29/12/2011

(21) **BR 11 2012 032619-8 1.1**
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(51) C11D 3/22 (2006.01), C11D 3/386 (2006.01), C11D 17/00 (2006.01)
(86) PCT US2011/041040 de 20/06/2011
(87) WO 2011/163112 de 29/12/2011

(21) **BR 11 2012 032620-1 1.1**
(30) 30/06/2010 JP 2010-150277; 30/06/2010 JP 2010-150276
(51) F21S 2/00 (2006.01), F21V 29/00 (2006.01), G02F 1/1333 (2006.01), G02F 1/13357 (2006.01), F21Y 101/02 (2006.01)
(86) PCT JP2011/052439 de 04/02/2011
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(21) **BR 11 2012 032621-0 1.1**
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(51) C11B 9/00 (2006.01), A61Q 5/02 (2006.01), A61Q 13/00 (2006.01), C07C 33/02 (2006.01), C07C 43/14 (2006.01), C07C 43/15 (2006.01), C07C 47/21 (2006.01), C07C 47/225 (2006.01), C11D 3/50 (2006.01)
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(21) **BR 11 2012 032623-6 1.1**
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(51) C08F 110/02 (2006.01)
(86) PCT IB2011/002250 de 01/07/2011
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(21) **BR 11 2012 032624-4 1.1**
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(51) F16B 39/24 (2006.01), F16B 39/282 (2006.01)
(86) PCT FR2011/051459 de 24/06/2011
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(51) E21B 34/02 (2006.01), F16K 3/00 (2006.01)
(86) PCT US2011/030363 de 29/03/2011
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(21) **BR 11 2012 032626-0 1.1**
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(51) A61L 27/16 (2006.01)
(86) PCT US2011/041070 de 20/06/2011
(87) WO 2011/163126 de 29/12/2011

(21) **BR 11 2012 032627-9 1.1**
(30) 22/06/2010 EP 10 166854.9; 21/04/2011 EP 11 163361.6
(51) A61B 5/00 (2006.01), G01J 3/02 (2006.01), G01J 3/28 (2006.01), A61B 5/1455 (2006.01)
(86) PCT EP2011/060337 de 21/06/2011
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(21) **BR 11 2012 032632-5 1.1**
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(51) A61K 36/738 (2006.01), A61K 36/49 (2006.01), A61P 15/00 (2006.01)
(86) PCT IB2011/052788 de 24/06/2011
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(21) **BR 11 2012 032634-1 1.1**
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(51) B01J 13/16 (2006.01)
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(87) WO 2011/160733 de 29/12/2011

(21) **BR 11 2012 032662-7 1.1**
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(51) F03B 11/00 (2006.01)
(86) PCT FR2011/051428 de 21/06/2011
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(21) **BR 11 2012 032676-7 1.1**
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(51) B31B 1/06 (2006.01), B31B 1/44 (2006.01), B65B 35/24 (2006.01)
(86) PCT ES2011/070266 de 15/04/2011
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(51) C09D 11/10 (2006.01)
(86) PCT EP2011/059460 de 08/06/2011
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(21) **BR 11 2012 032685-6 1.1**
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(51) G01V 1/00 (2006.01), G06F 17/50 (2006.01), G06T 17/05 (2011.01)
(86) PCT US2011/041160 de 21/06/2011
(87) WO 2011/163166 de 29/12/2011

(21) **BR 11 2012 032693-7 1.1**
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(51) F25D 23/02 (2006.01), F25D 25/00 (2006.01)
(86) PCT KR2011/004498 de 20/06/2011
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(21) **BR 11 2012 032695-3 1.1**
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(51) E06B 9/26 (2006.01)
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(51) H04W 72/12 (2009.01)
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(87) WO 2011/160448 de 29/12/2011

(21) **BR 11 2012 032703-8 1.1**
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(51) C09D 11/10 (2006.01)
(86) PCT EP2011/059582 de 09/06/2011
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(21) **BR 11 2012 032706-2 1.1**
(30) 22/06/2010 US 61/357,319
(51) C11B 9/00 (2006.01), A61Q 5/02 (2006.01), A61Q 13/00 (2006.01), C11D 3/50 (2006.01)
(86) PCT US2011/041408 de 22/06/2011
(87) WO 2011/163337 de 29/12/2011

(21) **BR 11 2012 032707-0 1.1**
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(51) H04W 16/32 (2009.01), H04W 16/26 (2009.01)
(86) PCT JP2011/064079 de 20/06/2011
(87) WO 2011/162214 de 29/12/2011

(21) **BR 11 2012 032709-7 1.1**
(30) 21/06/2010 JP 2010-141111
(51) H04W 24/10 (2009.01), H04W 36/36 (2009.01)
(86) PCT JP2011/064175 de 21/06/2011
(87) WO 2011/162263 de 29/12/2011

(21) **BR 11 2012 032710-0 1.1**
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(51) B29C 70/44 (2006.01)
(86) PCT US2011/041648 de 23/06/2011
(87) WO 2011/163486 de 29/12/2011

(21) **BR 11 2012 032712-7 1.1**
(30) 25/06/2010 US 12823857
(51) C12J 1/00 (2006.01)
(86) PCT US2011/042034 de 27/06/2011
(87) WO 2011/163664 de 29/12/2011

(21) **BR 11 2012 032714-3 1.1**
(30) 25/06/2010 JP 2010145440
(51) C21D 8/12 (2006.01), C23F 1/02 (2006.01), C25F 3/14 (2006.01)
(86) PCT JP2011/062843 de 03/06/2011
(87) WO 2011/162086 de 29/12/2011

(21) **BR 11 2012 032717-8 1.1**
(30) 06/07/2010 US 61361685
(51) C08F 110/02 (2006.01), C08F 4/64 (2006.01)
(86) PCT US2011/042759 de 01/07/2011
(87) WO 2012/006230 de 12/01/2012

(21) **BR 11 2012 032719-4 1.1**
(30) 24/06/2010 NO 20100915; 14/06/2011 NO 20110852
(51) E21B 19/06 (2006.01), B66C 1/66 (2006.01), E21B 19/02 (2006.01)
(86) PCT NO2011/000179 de 23/06/2011
(87) WO 2011/162617 de 29/12/2011

(21) **BR 11 2012 032721-6 1.1**
(30) 22/06/2010 EP 10305665.1
(51) C07D 239/84 (2006.01), C07D 401/12 (2006.01), C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61K 31/517 (2006.01), A61P 9/00 (2006.01)
(86) PCT EP2011/060445 de 22/06/2011
(87) WO 2011/161159 de 29/12/2011

(21) **BR 11 2012 032724-0 1.1**
(30) 23/06/2010 US 61/357,898; 31/08/2010 US 61/378,710; 18/05/2011 US 61/487,542
(51) H04Q 1/14 (2006.01), H01R 24/38 (2011.01)
(86) PCT US2011/041605 de 23/06/2011
(87) WO 2011/163464 de 29/12/2011

(21) **BR 11 2012 032727-5 1.1**
(30) 25/06/2010 US 12/823,718
(51) B01L 3/02 (2006.01), G01N 1/20 (2006.01), G01N 35/10 (2006.01)
(86) PCT EP2011/060364 de 21/06/2011
(87) WO 2011/161111 de 29/12/2011

(21) **BR 11 2012 032729-1 1.1**
(30) 25/06/2010 US 12/823,655
(51) G01N 1/20 (2006.01), G01N 1/10 (2006.01)
(86) PCT EP2011/060362 de 21/06/2011
(87) WO 2011/161109 de 29/12/2011

(21) **BR 11 2012 032731-3 1.1**
(30) 23/06/2010 EP 10 167064.4
(51) C08L 23/12 (2006.01), B32B 1/08 (2006.01), B32B 27/32 (2006.01), F16L 9/12 (2006.01), F16L 11/04 (2006.01)
(86) PCT EP2011/059455 de 08/06/2011
(87) WO 2011/160953 de 29/12/2011

(21) **BR 11 2012 032732-1 1.1**
(30) 25/06/2010 US 61/358,748
(51) B05C 17/02 (2006.01), B25G 1/04 (2006.01)
(86) PCT US2011/001136 de 24/06/2011
(87) WO 2011/162827 de 29/12/2011

(21) **BR 11 2012 032733-0 1.1**
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(51) A23L 1/226 (2006.01), C11B 9/00 (2006.01), C07D 215/06 (2006.01), C07D 221/04 (2006.01)
(86) PCT EP2011/060451 de 22/06/2011
(87) WO 2011/161163 de 29/12/2011

(21) **BR 11 2012 032734-8 1.1**
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(51) A61B 17/74 (2006.01), A61B 17/80 (2006.01)
(86) PCT IB2011/052887 de 30/06/2011
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(21) **BR 11 2012 032735-6 1.1**
(30) 21/06/2010 JP 2010-141108
(51) H04W 16/26 (2009.01), H04W 72/12 (2009.01)
(86) PCT JP2011/064076 de 20/06/2011
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(21) **BR 11 2012 032736-4 1.1**
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(51) C09K 8/512 (2006.01)
(86) PCT IB2011/052557 de 13/06/2011
(87) WO 2011/161581 de 29/12/2011

(21) **BR 11 2012 032737-2 1.1**
(30) 25/06/2010 US 61358682; 19/08/2010 US 61375092; 27/05/2011 US 13117760
(51) C08L 75/04 (2006.01), C08L 63/00 (2006.01), C08K 5/29 (2006.01), B32B 27/06 (2006.01), H01L 31/042 (2006.01)
(86) PCT US2011/041178 de 21/06/2011
(87) WO 2011/163179 de 29/12/2011

(21) **BR 11 2012 032740-2 1.1**
(30) 21/06/2010 JP 2010-141020
(51) H04W 28/04 (2009.01), H04B 1/707 (2011.01), H04J 11/00 (2006.01), H04L 1/16 (2006.01), H04W 28/06 (2009.01)
(86) PCT JP2011/064127 de 21/06/2011
(87) WO 2011/162235 de 29/12/2011

(21) **BR 11 2012 032742-9 1.1**
(30) 24/06/2010 EP 10167227.7
(51) C11D 3/22 (2006.01), C11D 3/37 (2006.01), C11D 17/00 (2006.01), C11D 3/43 (2006.01)
(86) PCT US2011/041460 de 22/06/2011
(87) WO 2011/163371 de 29/12/2011

(21) **BR 11 2012 032745-3 1.1**
(30) 06/07/2010 US 61/361,674
(51) C08F 110/02 (2006.01), C08F 4/64 (2006.01), C08F 2/00 (2006.01)
(86) PCT IB2011/002274 de 01/07/2011
(87) WO 2012/004676 de 12/01/2012

(21) **BR 11 2012 032746-1 1.1**
(30) 04/06/2010 JP 2010-017597; 21/06/2010 JP 2010-141021
(51) G10L 21/04 (2013.01)
(86) PCT JP2011/003196 de 07/06/2011
(87) WO 2011/161886 de 29/12/2011

(21) **BR 11 2012 032747-0 1.1**
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(51) B05C 17/02 (2006.01)
(86) PCT US2011/001138 de 24/06/2011
(87) WO 2011/162828 de 29/12/2011

(21) **BR 11 2012 032748-8 1.1**
(30) 21/06/2010 EP 10166652.7
(51) C07D 491/048 (2006.01), C07D 495/04 (2006.01), A61K 31/496 (2006.01), A61P 25/00 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 25/30 (2006.01)
(86) PCT EP2011/060080 de 17/06/2011
(87) WO 2011/161009 de 29/12/2011

(21) **BR 11 2012 032749-6 1.1**
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(51) C08G 18/42 (2006.01), C08G 18/66 (2006.01), C08G 18/76 (2006.01), C09J 175/06 (2006.01), B32B 7/12 (2006.01), B32B 27/32 (2006.01), B32B 27/34 (2006.01), B32B 37/12 (2006.01), B32B 15/08 (2006.01), B32B 27/08 (2006.01)
(86) PCT EP2011/058515 de 25/05/2011
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(21) **BR 11 2012 032750-0 1.1**
(30) 22/06/2010 AT A 1036/2010
(51) C04B 7/44 (2006.01)
(86) PCT IB2011/001418 de 22/06/2011
(87) WO 2011/161525 de 29/12/2011

(21) **BR 11 2012 032752-6 1.1**
(30) 21/06/2010 US 61/356,668; 21/06/2010 EP 10 166662.6
(51) B01D 3/14 (2006.01), B01D 3/32 (2006.01), B01D 3/06 (2006.01)
(86) PCT FI2011/050590 de 20/06/2011
(87) WO 2011/161315 de 29/12/2011

(21) **BR 11 2012 032757-7 1.1**
(30) 21/06/2010 US 61356861; 01/06/2011 US 13150307
(51) H04W 68/00 (2009.01)
(86) PCT US2011/040616 de 16/06/2011
(87) WO 2011/163041 de 29/12/2011

(21) **BR 11 2012 032758-5 1.1**
(30) 25/06/2010 DE 10 2010 030 538.3
(51) C07C 317/28 (2006.01), C07C 323/25 (2006.01), A61K 31/145 (2006.01), A61K 31/165 (2006.01), A61K 31/18 (2006.01), A61K 31/216 (2006.01), A61K 31/277 (2006.01), A61P 5/30 (2006.01)
(86) PCT EP2011/060335 de 21/06/2011
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(21) **BR 11 2012 032759-3 1.1**
(30) 21/06/2010 GB 10103588
(51) H05B 6/68 (2006.01)
(86) PCT GB2011/000920 de 17/06/2011
(87) WO 2011/161401 de 29/12/2011

(21) **BR 11 2012 032760-7 1.1**
(30) 23/07/2010 JP 2010166244
(51) C08L 21/00 (2006.01), C08F 236/04 (2006.01), C08K 3/36 (2006.01), C08L 15/00 (2006.01)
(86) PCT JP2011/066689 de 22/07/2011
(87) WO 2012/011561 de 26/01/2012

(21) **BR 11 2012 032764-0 1.1**
(30) 22/06/2010 US 12820535
(51) A23L 2/02 (2006.01)
(86) PCT US2011/040254 de 14/06/2011
(87) WO 2011/163003 de 29/12/2011

(21) **BR 11 2012 032767-4 1.1**
(30) 28/06/2010 GB 10108579; 28/06/2010 GB 10108561
(51) C07C 51/43 (2006.01), C07C 63/24 (2006.01), C07C 63/26 (2006.01), B01D 37/00 (2006.01)
(86) PCT GB2011/051170 de 22/06/2011
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(21) **BR 11 2012 032768-2 1.1**
(30) 01/07/2010 GB 10110765
(51) A61L 9/12 (2006.01), A01M 1/20 (2006.01)
(86) PCT GB2011/051221 de 28/06/2011
(87) WO 2012/001404 de 05/01/2012

(21) **BR 11 2012 032770-4 1.1**
(30) 23/06/2010 SE 10506848; 24/06/2010 US 61358009
(51) A61J 1/20 (2006.01), A61M 1/16 (2006.01)
(86) PCT EP2011/060255 de 20/06/2011
(87) WO 2011/161064 de 29/12/2011

(21) **BR 11 2012 032772-0 1.1**
(30) 23/06/2010 FR 1055018
(51) B63B 35/79 (2006.01)
(86) PCT FR2011/051083 de 16/05/2011
(87) WO 2011/161342 de 29/12/2011

(21) **BR 11 2012 032773-9 1.1**
(30) 01/07/2010 GB 10110831
(51) A61L 9/12 (2006.01), A01M 1/20 (2006.01)
(86) PCT GB2011/051222 de 28/06/2011
(87) WO 2012/001405 de 05/01/2012

(21) **BR 11 2012 032774-7 1.1**
(30) 30/06/2010 GB 10110088
(51) B01D 21/02 (2006.01), C07C 51/47 (2006.01)
(86) PCT GB2011/051172 de 22/06/2011
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(21) **BR 11 2012 032776-3 1.1**
(30) 04/08/2010 JP 2010174954
(51) B05D 1/28 (2006.01), B05C 11/04 (2006.01)
(86) PCT JP2011/067923 de 29/07/2011
(87) WO 2012/018103 de 09/02/2012

(21) **BR 11 2012 032777-1 1.1**
(30) 25/06/2010 US 61358456; 24/06/2011 US 13167967
(51) B65D 81/24 (2006.01), B65D 51/24 (2006.01), B65D 53/04 (2006.01)
(86) PCT US2011/041770 de 24/06/2011
(87) WO 2011/163562 de 29/12/2011

(21) **BR 11 2012 032779-8 1.1**
(30) 30/06/2010 US 61360084; 29/06/2011 US 13171826
(51) B65D 1/02 (2006.01), B65D 1/42 (2006.01), B65D 23/00 (2006.01)
(86) PCT US2011/042393 de 29/06/2011
(87) WO 2012/012182 de 26/01/2012

(21) **BR 11 2012 032782-8 1.1**
(30) 21/06/2010 US 12819267
(51) A61B 6/08 (2006.01)
(86) PCT US2011/040622 de 16/06/2011
(87) WO 2011/163045 de 29/12/2011

(21) **BR 11 2012 032788-7 1.1**
(30) 23/06/2010 FR 1054978
(51) B29C 45/00 (2006.01), B29C 37/00 (2006.01)
(86) PCT FR2011/051404 de 20/06/2011
(87) WO 2011/161363 de 29/12/2011

(21) **BR 11 2012 032789-5 1.1**
(30) 25/06/2010 EP 102511508
(51) C10L 1/19 (2006.01), C10L 10/08 (2006.01), C10M 129/76 (2006.01), C10N 30/06 (2006.01), C10N 40/25 (2006.01)
(86) PCT GB2011/000934 de 21/06/2011
(87) WO 2011/161406 de 29/12/2011

(21) **BR 11 2012 032790-9 1.1**
(30) 22/06/2010 AU 2010902740
(51) F16B 3/04 (2006.01), F16B 12/22 (2006.01), F16B 5/07 (2006.01), F16B 12/34 (2006.01)
(86) PCT AU2011/000759 de 21/06/2011
(87) WO 2011/160173 de 29/12/2011

(21) **BR 11 2012 032793-3 1.1**
(30) 23/06/2010 US 12822176
(51) H04R 3/00 (2006.01)
(86) PCT US2011/037629 de 24/05/2011
(87) WO 2011/162897 de 29/12/2011

(21) **BR 11 2012 032795-0 1.1**
(30) 22/06/2010 US 61357242
(51) C09K 5/02 (2006.01)
(86) PCT US2011/041051 de 20/06/2011
(87) WO 2011/163117 de 29/12/2011

(21) **BR 11 2012 032796-8 1.1**
(30) 24/06/2010 US 61358264
(51) A61K 31/535 (2006.01)
(86) PCT US2011/041878 de 24/06/2011
(87) WO 2011/163619 de 29/12/2011

(21) **BR 11 2012 032797-6 1.1**
(30) 25/06/2010 US 61/358,757; 20/01/2011 US 61/434,693; 19/05/2011 US 61/487,850
(51) A44B 13/00 (2006.01), A44B 15/00 (2006.01)
(86) PCT US2011/041806 de 24/06/2011
(87) WO 2011/163580 de 29/12/2011

(21) **BR 11 2012 032798-4 1.1**
(30) 24/09/2010 US 61386086; 27/09/2010 US 61386605; 26/01/2011 US 61436300
(51) F02B 19/00 (2006.01)
(86) PCT US2011/052711 de 22/09/2011
(87) WO 2012/040431 de 29/03/2012

(21) **BR 11 2012 032799-2 1.1**
(30) 24/06/2010 US 61358199
(51) F16L 11/00 (2006.01), B05D 7/22 (2006.01)
(86) PCT US2011/041192 de 21/06/2011
(87) WO 2011/163190 de 29/12/2011

(21) **BR 11 2012 032800-0 1.1**
(30) 24/06/2010 DK PA 2010 00555
(51) C07C 29/151 (2006.01), C07C 31/04 (2006.01), C01C 1/04 (2006.01), C01B 3/02 (2006.01), C01B 3/34 (2006.01), C01B 3/38 (2006.01), C07C 1/04 (2006.01), C07C 1/12 (2006.01)
(86) PCT EP2011/002388 de 13/05/2011
(87) WO 2011/160745 de 29/12/2011

(21) **BR 11 2012 032802-6 1.1**
(30) 13/07/2010 JP 2010-159102
(51) F16L 11/08 (2006.01)
(86) PCT JP2011/065667 de 08/07/2011
(87) WO 2012/008371 de 19/01/2012

(21) **BR 11 2012 032805-0 1.1**
(30) 23/06/2010 DE 10 2010 030 436.0
(51) B66B 5/00 (2006.01), B66B 5/28 (2006.01)
(86) PCT EP2011/060347 de 21/06/2011
(87) WO 2011/161104 de 29/12/2011

(21) **BR 11 2012 032808-5 1.1**
(30) 21/06/2010 DE 10 2010 024 496.1; 16/07/2010 DE 10 2010 027 530.1
(51) E21B 43/01 (2006.01), E02B 15/04 (2006.01), E21B 41/00 (2006.01)
(86) PCT EP2011/003037 de 20/06/2011
(87) WO 2011/160801 de 29/12/2011

(21) **BR 11 2012 032812-3 1.1**
(30) 23/06/2010 ZA 201004442
(51) B65D 90/62 (2006.01), B65D 88/58 (2006.01)
(86) PCT IB2011/052755 de 23/06/2011
(87) WO 2011/161640 de 29/12/2011

(21) **BR 11 2012 032813-1 1.1**
(30) 24/06/2010 US 61358209
(51) C07D 493/10 (2006.01), C07D 495/10 (2006.01), A61K 31/4433 (2006.01), A61K 31/4436 (2006.01), A61K 31/443 (2006.01), A61P 11/00 (2006.01), A61P 17/00 (2006.01), A61P 9/00 (2006.01), A61P 25/00 (2006.01), A61P 35/00 (2006.01), A61P 37/00 (2006.01)
(86) PCT DK2011/000069 de 24/06/2011
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(21) **BR 11 2012 032815-8 1.1**
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(51) G08B 21/00 (2006.01)
(86) PCT GB2011/051206 de 27/06/2011
(87) WO 2011/161475 de 29/12/2011

(21) **BR 11 2012 032816-6 1.1**
(30) 22/06/2010 US 61357251
(51) A61K 9/20 (2006.01)
(86) PCT US2011/041218 de 21/06/2011
(87) WO 2011/163206 de 29/12/2011

(21) **BR 11 2012 032817-4 1.1**
(30) 23/06/2010 EP 10006503.6
(51) B26D 7/01 (2006.01), B26D 7/18 (2006.01), B65H 29/04 (2006.01), B65H 29/24 (2006.01), B65H 29/68 (2006.01)
(86) PCT EP2011/003063 de 21/06/2011
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(51) B01J 23/08 (2006.01), B01J 23/10 (2006.01), B01J 23/18 (2006.01), B01J 23/20 (2006.01), B01J 37/03 (2006.01), C07C 51/353 (2006.01), C07C 67/343 (2006.01), C07C 57/04 (2006.01), C07C 69/54 (2006.01)
(86) PCT GB2011/051194 de 24/06/2011
(87) WO 2012/001394 de 05/01/2012

(21) **BR 11 2012 032820-4 1.1**
(30) 28/06/2010 EP 101675130; 28/06/2010 US 61358965
(51) C07C 225/10 (2006.01), C11D 3/39 (2006.01), C07D 223/04 (2006.01)
(86) PCT EP2011/060367 de 21/06/2011
(87) WO 2012/000846 de 05/01/2012

(21) **BR 11 2012 032822-0 1.1**
(30) 23/06/2010 EP 10167011.5
(51) H05K 3/46 (2006.01)
(86) PCT EP2011/060221 de 20/06/2011
(87) WO 2011/161050 de 29/12/2011

(21) **BR 11 2012 032826-3 1.1**
(30) 24/06/2010 EP 10 167172.5
(51) G05B 13/02 (2006.01), G05B 15/02 (2006.01), G05B 17/02 (2006.01)
(86) PCT EP2011/060365 de 21/06/2011
(87) WO 2011/161112 de 29/12/2011

(21) **BR 11 2012 032827-1 1.1**
(30) 24/06/2010 EP 102511433; 24/06/2010 US 61358125
(51) B01J 21/08 (2006.01), B01J 23/26 (2006.01), B01J 35/10 (2006.01), B01J 35/00 (2006.01), B01J 35/04 (2006.01), B01J 37/02 (2006.01), B01J 37/03 (2006.01), B01J 37/06 (2006.01), C08F 10/00 (2006.01), C08F 4/24 (2006.01)
(86) PCT GB2011/000943 de 23/06/2011
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(51) C22C 19/03 (2006.01)
(86) PCT DE2011/001174 de 08/06/2011
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(51) H04L 27/26 (2006.01)
(86) PCT IB2011/001778 de 24/06/2011
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(21) **BR 11 2012 032832-8 1.1**
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(51) C08F 110/02 (2006.01), C08F 4/64 (2006.01), C08F 4/659 (2006.01)
(86) PCT IB2011/002322 de 01/07/2011
(87) WO 2012/004683 de 12/01/2012

(21) **BR 11 2012 032833-6 1.1**
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(51) G06Q 40/00 (2006.01)
(86) PCT US2011/038842 de 02/06/2011
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(30) 25/06/2010 US 61/398,486
(51) C08F 218/08 (2006.01), C08K 5/00 (2006.01), C08L 31/04 (2006.01), D04H 1/64 (2006.01)
(86) PCT EP2011/059916 de 15/06/2011
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(51) A61K 8/34 (2006.01), A61K 8/73 (2006.01), A61K 8/81 (2006.01), A61Q 5/02 (2006.01), A61Q 5/12 (2006.01), A61Q 5/00 (2006.01)
(86) PCT US2011/041820 de 24/06/2011
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(30) 23/06/2010 FR 1002630
(51) B60G 17/005 (2006.01), B60G 21/00 (2006.01), B62D 9/02 (2006.01), B62K 5/01 (2013.01)
(86) PCT FR2011/000355 de 22/06/2011
(87) WO 2011/161334 de 29/12/2011

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(51) A61K 38/17 (2006.01), C07K 14/705 (2006.01)
(86) PCT IN2011/000426 de 27/06/2011
(87) WO 2011/161699 de 29/12/2011

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(51) G01B 11/25 (2006.01)
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(21) **BR 11 2012 032876-0 1.1**
(30) 22/06/2010 FR 1002617
(51) F16L 9/04 (2006.01), F16L 9/147 (2006.01), B29C 70/56 (2006.01), B29C 63/24 (2006.01)
(86) PCT FR11/000340 de 10/06/2011
(87) WO 2011/161331 de 29/12/2011

(21) **BR 11 2012 032879-4 1.1**
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(51) C08F 110/02 (2006.01)
(86) PCT IB2011/002284 de 06/07/2011
(87) WO 2012/004681 de 12/01/2012

(21) **BR 11 2012 032880-8 1.1**
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(51) F23D 14/06 (2006.01), F23D 14/58 (2006.01)
(86) PCT EP2011/002696 de 01/06/2011
(87) WO 2011/160762 de 29/12/2011

(21) **BR 11 2012 032881-6 1.1**
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(51) H04W 24/10 (2009.01), H04W 36/36 (2009.01)
(86) PCT JP11/064174 de 21/06/2011
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(21) **BR 11 2012 032882-4 1.1**
(30) 25/06/2010 US 61/358,445
(51) A23G 4/06 (2006.01), A23G 4/10 (2006.01)
(86) PCT US2011/041135 de 21/06/2011
(87) WO 2011/163152 de 29/12/2011

(21) **BR 11 2012 032883-2 1.1**
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(51) B31F 1/07 (2006.01)
(86) PCT EP11/060047 de 16/06/2011
(87) WO 2011/161002 de 29/12/2011

(21) **BR 11 2012 032884-0 1.1**
(30) 25/06/2010 US 61/358,603; 28/07/2010 US 61/368,534
(51) C07D 417/04 (2006.01), A61K 31/506 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/060561 de 23/06/2011
(87) WO 2011/161216 de 29/12/2011

(21) **BR 11 2012 032885-9 1.1**
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(51) H04W 72/08 (2009.01), H04W 72/12 (2009.01)
(86) PCT IB2011/001767 de 22/06/2011
(87) WO 2011/161539 de 29/12/2011

(21) **BR 11 2012 032886-7 1.1**
(30) 22/06/2010 NO 20100899
(51) E21B 41/08 (2006.01), B63B 21/50 (2006.01), E21B 33/035 (2006.01)
(86) PCT NO11/000176 de 20/06/2011
(87) WO 2011/162616 de 29/12/2011

(21) **BR 11 2012 032887-5 1.1**
(30) 25/06/2010 EP 10 290345.7
(51) A61K 8/11 (2006.01), A61K 8/84 (2006.01), A61K 8/88 (2006.01), A61Q 13/00 (2006.01), A61Q 5/02 (2006.01), A61Q 5/12 (2006.01), C11D 3/50 (2006.01)
(86) PCT EP2011/060736 de 27/06/2011
(87) WO 2011/161265 de 29/12/2011

(21) **BR 11 2012 032888-3 1.1**
(30) 24/06/2010 EP 10167234.3
(51) C11D 3/22 (2006.01), C11D 3/37 (2006.01), C11D 10/04 (2006.01), C11D 17/00 (2006.01), C11D 17/04 (2006.01), C11D 3/20 (2006.01), C11D 9/22 (2006.01)
(86) PCT US11/041544 de 23/06/2011
(87) WO 2011/163428 de 29/12/2011

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(30) 24/06/2010 EP 10167221.0
(51) C07D 223/14 (2006.01)
(86) PCT EP11/060606 de 24/06/2011
(87) WO 2011/161232 de 29/12/2011

(21) **BR 11 2012 032890-5 1.1**
(30) 24/06/2010 US 12/803,320; 24/03/2011 US 13/070,524
(51) E21B 10/43 (2006.01), E21B 10/62 (2006.01)
(86) PCT US11/039977 de 10/06/2011
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(21) **BR 11 2012 032891-3 1.1**
(30) 22/06/2010 JP 2010-141828; 17/05/2011 JP 2011-109958
(51) H01M 4/525 (2010.01), H01M 4/131 (2010.01), H01M 4/505 (2010.01), H01M 4/62 (2006.01)
(86) PCT JP2011/063806 de 16/06/2011
(87) WO 2011/162157 de 29/12/2011

(21) **BR 11 2012 032893-0 1.1**
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(51) F16H 7/12 (2006.01)
(86) PCT US2011/039544 de 08/06/2011
(87) WO 2011/162948 de 29/12/2011

(21) **BR 11 2012 032894-8 1.1**
(30) 22/06/2010 EP 10166870.5
(51) C08F 210/06 (2006.01), C08F 2/34 (2006.01), C08F 2/00 (2006.01)
(86) PCT EP11/059625 de 09/06/2011
(87) WO 2011/160961 de 29/12/2011

(21) **BR 11 2012 032895-6 1.1**
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(51) A01F 15/10 (2006.01)
(86) PCT NL11/000048 de 15/06/2011
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(21) **BR 11 2012 032919-7 1.1**
(30) 05/08/2010 JP 2010-176736
(51) B07C 5/36 (2006.01), B07C 5/342 (2006.01), G01N 21/85 (2006.01)
(86) PCT JP11/004134 de 22/07/2011
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(21) **BR 11 2012 032921-9 1.1**
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(51) C12N 5/073 (2010.01)
(86) PCT US11/001135 de 24/06/2011
(87) WO 2011/162826 de 29/12/2011

(21) **BR 11 2012 032933-2 1.1**
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(51) A61B 5/11 (2006.01)
(86) PCT SI11/000034 de 30/06/2011
(87) WO 2012/005701 de 12/01/2012

(21) **BR 11 2012 032935-9 1.1**
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(51) A61F 13/471 (2006.01), A61F 13/475 (2006.01)
(86) PCT SE11/050822 de 22/06/2011
(87) WO 2011/162709 de 29/12/2011

(21) **BR 11 2012 032936-7 1.1**
(51) B65D 5/42 (2006.01), H04B 1/034 (2006.01), G06K 19/10 (2006.01)
(86) PCT FI10/050534 de 22/06/2010
(87) WO 2011/161299 de 29/12/2011

(21) **BR 11 2012 032937-5 1.1**
(30) 23/06/2010 SE 1050678-0
(51) B61G 7/14 (2006.01), B61D 15/06 (2006.01), B61G 3/16 (2006.01)
(86) PCT SE11/050706 de 08/06/2011
(87) WO 2011/162674 de 29/12/2011

(21) **BR 11 2012 032938-3 1.1**
(30) 21/06/2010 NO 20100893
(51) G01K 7/42 (2006.01), E21B 36/00 (2006.01), E21B 43/01 (2006.01), E21B 47/06 (2006.01), F17D 5/00 (2006.01)
(86) PCT IB11/001379 de 17/06/2011
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(21) **BR 11 2012 032939-1 1.1**
(30) 21/06/2010 SE 1050650-9
(51) A61F 2/52 (2006.01), A41C 3/14 (2006.01)
(86) PCT SE11/050804 de 20/06/2011
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(21) **BR 11 2012 032940-5 1.1**
(51) B65F 5/00 (2006.01)
(86) PCT SE10/050715 de 23/06/2010
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(51) F01N 5/04 (2006.01), F02B 39/08 (2006.01), F02B 39/16 (2006.01), F02B 41/10 (2006.01), H02K 16/02 (2006.01), H02K 49/06 (2006.01), H02K 49/10 (2006.01)
(86) PCT EP11/003088 de 22/06/2011
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(21) **BR 11 2012 032952-9 1.1**
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(51) F02B 25/06 (2006.01)
(86) PCT US11/046388 de 03/08/2011
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(21) **BR 11 2012 032956-1 1.1**
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(51) H01G 9/20 (2006.01), H01L 31/0224 (2006.01), H01L 31/032 (2006.01), H01L 31/18 (2006.01)
(86) PCT IL2011/000518 de 29/06/2011
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(51) C09K 8/512 (2006.01), C09K 8/518 (2006.01)
(86) PCT IB11/052449 de 03/06/2011
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(21) **BR 11 2012 032979-0 1.1**
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(51) A61Q 19/10 (2006.01), A61K 8/81 (2006.01)
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(21) **BR 11 2012 032980-4 1.1**
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(51) C08L 23/06 (2006.01), C08L 23/12 (2006.01)
(86) PCT US2011/041191 de 21/06/2011
(87) WO 2011/163189 de 29/12/2011

(21) **BR 11 2012 032984-7 1.1**
(30) 22/06/2010 US 61/357,347
(51) A61B 17/32 (2006.01)
(86) PCT US2011/041383 de 22/06/2011
(87) WO 2011/163322 de 29/12/2011

(21) **BR 11 2012 032988-0 1.1**
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(51) B65B 23/08 (2006.01), B65G 59/02 (2006.01)
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(21) **BR 11 2012 032990-1 1.1**
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(51) A61F 9/008 (2006.01), G02F 1/29 (2006.01), A61B 3/10 (2006.01), A61N 5/067 (2006.01)
(86) PCT US11/041700 de 23/06/2011
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(21) **BR 11 2012 032992-8 1.1**
(30) 22/06/2010 FR 1054932
(51) G07D 7/12 (2006.01), G07D 7/20 (2006.01)
(86) PCT IB11/052741 de 22/06/2011
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(21) **BR 11 2012 032993-6 1.1**
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(51) B66C 23/90 (2006.01)
(86) PCT EP2011/003040 de 20/06/2011
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(21) **BR 11 2012 032994-4 1.1**
(30) 30/06/2010 EP 10167864.7
(51) A61K 8/36 (2006.01), A61K 8/37 (2006.01), A61K 8/66 (2006.01), A61K 8/97 (2006.01), A61K 8/99 (2006.01), A61Q 19/00 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01), A23L 1/30 (2006.01), A61K 8/368 (2006.01)
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(21) **BR 11 2012 032995-2 1.1**
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(51) B42D 15/00 (2006.01)
(86) PCT IB11/052742 de 22/06/2011
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(21) **BR 11 2012 032997-9 1.1**
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(51) H01F 27/36 (2006.01)
(86) PCT EP2011/060299 de 21/06/2011
(87) WO 2012/000828 de 05/01/2012

(21) **BR 11 2012 032999-5 1.1**
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(51) C13B 50/00 (2011.01)
(86) PCT IL11/000509 de 26/06/2011
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(21) **BR 11 2012 033004-7 1.1**
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(51) A46B 9/06 (2006.01), B65D 41/26 (2006.01), B65D 47/40 (2006.01), B65D 51/32 (2006.01), A47L 13/26 (2006.01)
(86) PCT US2011/041359 de 22/06/2011
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(21) **BR 11 2012 033006-3 1.1**
(30) 23/06/2010 FR 10 54996
(51) A61F 5/00 (2006.01), A61F 2/958 (2013.01)
(86) PCT EP2011/060428 de 22/06/2011
(87) WO 2011/161148 de 29/12/2011

(21) **BR 11 2012 033007-1 1.1**
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(51) E02B 15/06 (2006.01), B63B 35/32 (2006.01), C02F 1/40 (2006.01)
(86) PCT US2011/041480 de 22/06/2011
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(21) **BR 11 2012 033009-8 1.1**
(30) 25/06/2010 US 61/358,451
(51) A01N 25/34 (2006.01)
(86) PCT US2011/041624 de 23/06/2011
(87) WO 2011/163474 de 29/12/2011

(21) **BR 11 2012 033011-0 1.1**
(30) 24/06/2010 EP 10167165.9
(51) C08F 10/06 (2006.01)
(86) PCT EP2011/059267 de 06/06/2011
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(21) **BR 11 2012 033012-8 1.1**
(30) 25/06/2010 US 61/398,468
(51) C01B 31/04 (2006.01), B82Y 15/00 (2011.01), B82Y 20/00 (2011.01)
(86) PCT SG2011/000225 de 24/06/2011
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(21) **BR 11 2012 033013-6 1.1**
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(51) A01N 43/56 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP2011/064604 de 20/06/2011
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(21) **BR 11 2012 033015-2 1.1**
(30) 24/06/2010 US 12/803,320
(51) E21B 10/42 (2006.01), E21B 10/62 (2006.01)
(86) PCT US2011/039971 de 10/06/2011
(87) WO 2011/162986 de 29/12/2011

(21) **BR 11 2012 033016-0 1.1**
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(51) G06Q 10/00 (2006.01)
(86) PCT US2011/040598 de 16/06/2011
(87) WO 2011/163038 de 29/12/2011

(21) **BR 11 2012 033017-9 1.1**
(30) 25/06/2010 GB 1010701.9
(51) A61K 8/11 (2006.01), B01J 13/14 (2006.01), B01J 13/16 (2006.01), C11D 3/50 (2006.01)
(86) PCT EP2011/060599 de 24/06/2011
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(21) **BR 11 2012 033018-7 1.1**
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(51) A61N 1/30 (2006.01)
(86) PCT US2011/038389 de 27/05/2011
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(21) **BR 11 2012 033021-7 1.1**
(30) 21/06/2010 EP 10360028.4
(51) H04L 1/00 (2006.01)
(86) PCT EP2011/002766 de 06/06/2011
(87) WO 2011/160769 de 29/12/2011

(21) **BR 11 2012 033023-3 1.1**
(30) 28/06/2010 EP 10360029.2
(51) H04W 36/18 (2009.01), H04W 76/04 (2009.01), H04W 72/02 (2009.01)
(86) PCT EP2011/002765 de 06/06/2011
(87) WO 2012/000600 de 05/01/2012

(21) **BR 11 2012 033024-1 1.1**
(30) 21/06/2010 US 61/356,826; 01/06/2011 US 13/150,321
(51) H04W 8/26 (2009.01)
(86) PCT US2011/040799 de 17/06/2011
(87) WO 2011/163066 de 29/12/2011

(21) **BR 11 2012 033026-8 1.1**
(30) 25/06/2010 US 61/358,572
(51) E21B 41/02 (2006.01), C23F 13/06 (2006.01)
(86) PCT US2011/040267 de 14/06/2011
(87) WO 2011/163005 de 29/12/2011

(21) **BR 11 2012 033027-6 1.1**
(30) 24/06/2010 US 61/358,323
(51) E21B 10/55 (2006.01), E21B 10/62 (2006.01), E21B 10/42 (2006.01)
(86) PCT US2011/040166 de 13/06/2011
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(21) **BR 11 2012 033030-6 1.1**
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(51) A01N 43/40 (2006.01)
(86) PCT AU2011/000730 de 17/06/2011
(87) WO 2011/160162 de 29/12/2011

(21) **BR 11 2012 033031-4 1.1**
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(51) F01K 23/06 (2006.01)
(86) PCT US2011/039695 de 09/06/2011
(87) WO 2011/162960 de 29/12/2011

(21) **BR 11 2012 033033-0 1.1**
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(21) **BR 11 2012 033034-9 1.1**
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(51) H04L 12/16 (2006.01), H04L 12/14 (2006.01), H04L 12/58 (2006.01), H04L 9/32 (2006.01), H04W 12/06 (2009.01), H04W 4/14 (2009.01), H04W 4/24 (2009.01), H04W 8/26 (2009.01), H04W 92/08 (2009.01)
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(21) **BR 11 2012 033035-7 1.1**
(30) 23/06/2010 JP 2010-142614
(51) C23C 14/24 (2006.01), C23C 14/35 (2006.01)
(86) PCT JP11/003403 de 15/06/2011
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(21) **BR 11 2012 033036-5 1.1**
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(51) B29C 70/08 (2006.01), B29C 70/52 (2006.01)
(86) PCT US11/041454 de 22/06/2011
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(21) **BR 11 2012 033038-1 1.1**
(30) 23/06/2010 SE 1050686-3
(51) A61K 31/7004 (2006.01), A61K 33/00 (2006.01), A61K 33/06 (2006.01), A61K 33/14 (2006.01), A61K 9/00 (2006.01)
(86) PCT EP11/060231 de 20/06/2011
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(21) **BR 11 2012 033039-0 1.1**
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(51) H04W 52/36 (2009.01), H04W 52/14 (2009.01), H04W 52/28 (2009.01)
(86) PCT EP2011/060118 de 17/06/2011
(87) WO 2011/161014 de 29/12/2011

(21) **BR 11 2012 033041-1 1.1**
(51) B01D 67/00 (2006.01), B01D 69/12 (2006.01), B01D 71/02 (2006.01)
(86) PCT CN10/000947 de 25/06/2010
(87) WO 2011/160261 de 29/12/2011

(21) **BR 11 2012 033044-6 1.1**
(30) 23/06/2010 SE 1050685-5
(51) A61K 9/00 (2006.01), A61K 31/00 (2006.01), A61K 31/70 (2006.01), A61K 33/00 (2006.01), A61K 33/14 (2006.01), A61M 1/16 (2006.01)
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(21) **BR 11 2012 033046-2 1.1**
(51) H01M 2/16 (2006.01)
(86) PCT EP2010/004912 de 11/08/2010
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(21) **BR 11 2012 033047-0 1.1**
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(86) PCT US2011/001120 de 23/06/2011
(87) WO 2011/162816 de 29/12/2011

(21) **BR 11 2012 033048-9 1.1**
(30) 21/06/2010 GB 101379.4
(51) F03B 17/02 (2006.01), F03B 17/06 (2006.01)
(86) PCT GB2011/051142 de 17/06/2011
(87) WO 2011/161435 de 29/12/2011

(21) **BR 11 2012 033049-7 1.1**
(30) 21/06/2010 CN 20100214479.0
(51) C10L 1/04 (2006.01), C10L 1/182 (2006.01), C10L 1/185 (2006.01)
(86) PCT CN2011/000969 de 10/06/2011
(87) WO 2011/160427 de 29/12/2011

(21) **BR 11 2012 033050-0 1.1**
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(51) A01G 7/00 (2006.01)
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(51) G02B 6/36 (2006.01)
(86) PCT JP2011/063883 de 17/06/2011
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(86) PCT US2010/039618 de 23/06/2010
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(51) F16H 7/08 (2006.01), F02B 61/02 (2006.01), F02B 67/06 (2006.01)
(86) PCT JP2012/061762 de 08/05/2012
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(51) B08B 1/04 (2006.01), A47L 7/00 (2006.01), A47L 7/02 (2006.01), E01H 12/00 (2006.01)
(86) PCT GB2011/051164 de 21/06/2011
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(51) H01M 8/04 (2006.01), H01M 8/02 (2006.01), H01M 8/18 (2006.01)
(86) PCT US11/038607 de 31/05/2011
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(51) B65G 47/14 (2006.01), B67B 3/064 (2006.01)
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(51) H04W 48/10 (2009.01)
(86) PCT US11/041325 de 22/06/2011
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(51) A61M 15/00 (2006.01)
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(87) WO 2011/163272 de 29/12/2011

(21) **BR 11 2012 033064-0 1.1**
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(51) A23L 1/29 (2006.01), A23L 1/305 (2006.01)
(86) PCT US11/041171 de 21/06/2011
(87) WO 2011/163174 de 29/12/2011

(21) **BR 11 2012 033065-9 1.1**
(30) 22/06/2010 US 61/357,272
(51) C23C 14/02 (2006.01), C23C 14/32 (2006.01), C23C 14/35 (2006.01), C23C 14/58 (2006.01), C23C 14/00 (2006.01)
(86) PCT EP2011/002734 de 03/06/2011
(87) WO 2011/160766 de 29/12/2011

(21) **BR 11 2012 033067-5 1.1**
(30) 22/06/2010 IN 1446/DEL/2010
(51) B01D 53/06 (2006.01), B01D 53/26 (2006.01), F24F 3/14 (2006.01)
(86) PCT IN11/000412 de 20/06/2011
(87) WO 2011/161693 de 29/12/2011

(21) **BR 11 2012 033068-3 1.1**
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(51) G06F 15/173 (2006.01)
(86) PCT US11/040844 de 17/06/2011
(87) WO 2011/163074 de 29/12/2011

(21) **BR 11 2012 033069-1 1.1**
(30) 23/06/2010 EP 10167039.6; 16/09/2010 EP 10177164.0
(51) C08L 77/06 (2006.01), C08J 5/18 (2006.01), B32B 27/34 (2006.01), C08L 77/02 (2006.01), H01L 31/048 (2006.01), H05K 1/03 (2006.01)
(86) PCT EP2011/060369 de 21/06/2011
(87) WO 2011/161115 de 29/12/2011

(21) **BR 11 2012 033070-5 1.1**
(30) 22/07/2010 FR 1055990
(51) H01L 51/42 (2006.01)
(86) PCT FR2011/051332 de 10/06/2011

(87) WO 2012/010759 de 26/01/2012

(21) **BR 11 2012 033071-3 1.1**
(30) 25/06/2010 IT MI 2010A001159
(51) C07C 37/08 (2006.01), C07C 45/53 (2006.01), C07C 409/10 (2006.01), C07C 49/08 (2006.01)
(86) PCT IB2011/001411 de 20/06/2011
(87) WO 2011/161523 de 29/12/2011

(21) **BR 11 2012 033072-1 1.1**
(30) 24/06/2010 US 61/358,065
(51) B32B 17/10 (2006.01), H01L 31/048 (2006.01)
(86) PCT US2011/040489 de 15/06/2011
(87) WO 2011/163024 de 29/12/2011

(21) **BR 11 2012 033073-0 1.1**
(30) 15/07/2010 JP 2010-160604
(51) A01N 25/12 (2006.01), A01N 25/00 (2006.01), A01N 43/56 (2006.01), A01P 13/00 (2006.01)
(86) PCT JP2011/066183 de 15/07/2011
(87) WO 2012/008562 de 19/01/2012

(21) **BR 11 2012 033074-8 1.1**
(30) 24/06/2010 US 61/358,060
(51) B32B 17/10 (2006.01), H01L 31/048 (2006.01)
(86) PCT US2011/040492 de 15/06/2011
(87) WO 2011/163025 de 29/12/2011

(21) **BR 11 2012 033075-6 1.1**
(30) 24/06/2010 US 12/823039; 25/03/2011 US 13/072616
(51) A61K 31/445 (2006.01), C07D 211/06 (2006.01)
(86) PCT US2011/041910 de 24/06/2011
(87) WO 2011/163640 de 29/12/2011

(21) **BR 11 2012 033076-4 1.1**
(30) 29/06/2010 US 61/359,557; 27/06/2011 US 13/169,616
(51) C10G 45/00 (2006.01)
(86) PCT US2011/042082 de 28/06/2011
(87) WO 2012/006044 de 12/01/2012

(21) **BR 11 2012 033077-2 1.1**
(30) 29/06/2010 US 61/359701
(51) A61K 31/715 (2006.01), A61K 31/497 (2006.01)
(86) PCT US2011/041715 de 24/06/2011
(87) WO 2012/005973 de 12/01/2012

(21) **BR 11 2012 033079-9 1.1**
(30) 30/06/2010 EP 10167858.9
(51) A61K 8/36 (2006.01), A61K 8/37 (2006.01), A61K 8/66 (2006.01), A61K 8/97 (2006.01), A61K 8/99 (2006.01), A61Q 19/00 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01), A23L 1/30 (2006.01)
(86) PCT EP2011/060768 de 28/06/2011
(87) WO 2012/000962 de 05/01/2012

(21) **BR 11 2012 033080-2 1.1**
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(51) E21B 33/138 (2006.01), E21B 43/22 (2006.01)
(86) PCT US2011/041458 de 22/06/2011
(87) WO 2011/163369 de 29/12/2011

(21) **BR 11 2012 033081-0 1.1**
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(51) E21B 10/43 (2006.01), E21B 10/62 (2006.01)
(86) PCT US2011/039962 de 10/06/2011
(87) WO 2011/162984 de 29/12/2011

(21) **BR 11 2012 033082-9 1.1**
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(51) B60R 1/06 (2006.01), B60Q 1/34 (2006.01), B60R 1/12 (2006.01)
(86) PCT US2011/041472 de 22/06/2011
(87) WO 2011/163380 de 29/12/2011

(21) **BR 11 2012 033083-7 1.1**
(51) B60C 13/02 (2006.01)
(86) PCT US2010/039567 de 23/06/2010
(87) WO 2011/162748 de 29/12/2011

(21) **BR 11 2012 033084-5 1.1**
(86) PCT EP2010/059053 de 25/06/2010
(87) WO 2011/160696 de 29/12/2011

(21) **BR 11 2012 033085-3 1.1**
(30) 24/06/2010 US 61/358369
(51) H01L 39/02 (2006.01)
(86) PCT US2011/041422 de 22/06/2011
(87) WO 2011/163343 de 29/12/2011

(21) **BR 11 2012 033086-1 1.1**
(51) C12G 1/02 (2006.01)
(86) PCT IB2010/052802 de 21/06/2010
(87) WO 2011/161495 de 29/12/2011

(21) **BR 11 2012 033087-0 1.1**
(51) C12P 7/64 (2006.01), A61K 31/20 (2006.01), A23L 1/30 (2006.01)
(86) PCT ES2010/070424 de 23/06/2010
(87) WO 2011/161274 de 29/12/2011

(21) **BR 11 2012 033088-8 1.1**
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(51) E21B 43/12 (2006.01)
(86) PCT US2011/041529 de 22/06/2011
(87) WO 2011/163419 de 29/12/2011

(21) **BR 11 2012 033089-6 1.1**
(51) B60C 11/01 (2006.01)
(86) PCT US2010/039568 de 23/06/2010
(87) WO 2011/162749 de 29/12/2011

(21) **BR 11 2012 033090-0 1.1**
(30) 30/06/2010 EP 10 167885.2
(51) A61K 8/36 (2006.01), A61K 8/37 (2006.01), A61K 8/66 (2006.01), A61K 8/97 (2006.01), A61K 8/99 (2006.01), A61Q 19/00 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01), A23L 1/30 (2006.01), A61K 8/368 (2006.01)
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(21) **BR 11 2012 033091-8 1.1**
(30) 28/06/2010 US 12/825004
(51) C09K 8/46 (2006.01), C09K 8/467 (2006.01), C04B 14/16 (2006.01), C04B 18/16 (2006.01)
(86) PCT GB2011/000932 de 21/06/2011
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(21) **BR 11 2012 033092-6 1.1**
(30) 24/06/2010 DE 10 2010 030 460.3
(51) H05K 5/00 (2006.01), H05K 7/20 (2006.01)
(86) PCT EP2011/059043 de 01/06/2011
(87) WO 2011/160929 de 29/12/2011

(21) **BR 11 2012 033094-2 1.1**
(30) 11/07/2010 US 61/363276
(51) H01B 7/00 (2006.01)
(86) PCT US2011/043592 de 11/07/2011
(87) WO 2012/009286 de 19/01/2012

(21) **BR 11 2012 033095-0 1.1**
(30) 24/06/2010 JP 2010-143577
(51) C07C 259/02 (2006.01), A01N 33/24 (2006.01), A01N 37/34 (2006.01), A01N 37/50 (2006.01), A01N 43/08 (2006.01), A01N 43/10 (2006.01), A01N 43/40 (2006.01), A01N 43/50 (2006.01), A01N 43/653 (2006.01), A01N 43/713 (2006.01), A01N 43/78 (2006.01), A01N 43/836 (2006.01), A01N 43/84 (2006.01), A01N 47/12 (2006.01), A01N 55/00 (2006.01), A01P 7/04 (2006.01), C07D 213/42 (2006.01), C07D 231/10 (2006.01), C07D 233/61 (2006.01), C07D 233/64 (2006.01), C07D 249/08 (2006.01), C07D 257/04 (2006.01), C07D 277/02 (2006.01), C07D 277/20 (2006.01), C07D 277/32 (2006.01), C07D 303/46 (2006.01), C07D 307/12 (2006.01), C07D 333/22 (2006.01), C07D 401/12 (2006.01), C07D 403/06 (2006.01), C07D 403/12 (2006.01), C07D 405/12 (2006.01), C07D 409/06 (2006.01), C07D 409/12 (2006.01), C07D 413/06 (2006.01), C07D 417/06 (2006.01), C07D 417/12 (2006.01)
(86) PCT JP2011/003522 de 21/06/2011
(87) WO 2011/161945 de 29/12/2011

(21) **BR 11 2012 033097-7 1.1**
(30) 29/06/2010 JP 2010-147722
(51) G09F 19/00 (2006.01), G06F 13/00 (2006.01), G06Q 30/00 (2006.01)
(86) PCT JP2011/064733 de 28/06/2011
(87) WO 2012/002350 de 05/01/2012

(21) **BR 11 2012 033098-5 1.1**
(30) 29/06/2010 JP 2010-147723; 29/06/2010 JP 2010-147720; 29/06/2010 JP 2010-147719
(51) G06Q 30/00 (2006.01)
(86) PCT JP2011/064734 de 28/06/2011
(87) WO 2012/002351 de 05/01/2012

(21) **BR 11 2012 033099-3 1.1**
(30) 28/06/2010 JP 2010-146742
(51) G02B 13/00 (2006.01)
(86) PCT JP2011/063865 de 10/06/2011
(87) WO 2012/002167 de 05/01/2012

(21) **BR 11 2012 033100-0 1.1**
(30) 29/06/2010 JP 2010-147721
(51) G06Q 50/00 (2006.01), G06Q 30/00 (2006.01)
(86) PCT JP2011/064732 de 28/06/2011
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(21) **BR 11 2012 033102-7 1.1**
(30) 28/04/2011 JP 2011-102370
(51) H04N 7/173 (2011.01), H04N 7/26 (2006.01), H04N 13/00 (2006.01)
(86) PCT JP2012/060516 de 18/04/2012
(87) WO 2012/147596 de 01/11/2012

(21) **BR 11 2012 033103-5 1.1**
(51) H04W 24/10 (2009.01)
(86) PCT JP2010/060429 de 21/06/2010
(87) WO 2011/161744 de 29/12/2011

(21) **BR 11 2012 033104-3 1.1**
(30) 24/06/2010 US 61/358,133; 24/06/2010 DK PA2010 70289
(51) A23D 9/00 (2006.01), C11C 3/10 (2006.01)
(86) PCT EP2011/060551 de 23/06/2011
(87) WO 2011/161213 de 29/12/2011

(21) **BR 11 2012 033105-1 1.1**
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(51) B66C 23/34 (2006.01)
(86) PCT EP2011/003041 de 20/06/2011
(87) WO 2011/160804 de 29/12/2011

(21) **BR 11 2012 033106-0 1.1**
(30) 24/06/2010 EP 10 167180.8; 01/07/2010 EP 10 168065.0
(51) C07C 273/04 (2006.01)
(86) PCT NL2011/050458 de 24/06/2011
(87) WO 2011/162610 de 29/12/2011

(21) **BR 11 2012 033108-6 1.1**
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(51) H01L 31/045 (2006.01)
(86) PCT AT2011/000249 de 01/06/2011
(87) WO 2012/000004 de 05/01/2012

(21) **BR 11 2012 033109-4 1.1**
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(51) H04B 7/04 (2006.01)
(86) PCT IB2011/001777 de 24/06/2011
(87) WO 2012/014064 de 02/02/2012

(21) **BR 11 2012 033110-8 1.1**
(30) 22/06/2010 GB 10 10510.4; 25/10/2010 GB 10 18017.2
(51) A23G 1/00 (2006.01), A23G 3/00 (2006.01), A23G 3/54 (2006.01), A23G 1/54 (2006.01), A21D 13/00 (2006.01), A23C 19/09 (2006.01), A23L 1/00 (2006.01), A23P 1/12 (2006.01), A23G 4/20 (2006.01), A23G 1/20 (2006.01)
(86) PCT GB2011/000940 de 22/06/2011
(87) WO 2011/161410 de 29/12/2011

(21) **BR 11 2012 033111-6 1.1**
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(51) A61F 9/008 (2006.01), A61N 5/067 (2006.01)
(86) PCT US2011/041677 de 23/06/2011
(87) WO 2011/163508 de 29/12/2011

(21) **BR 11 2012 033113-2 1.1**
(30) 25/06/2010 JP 2010-145546
(51) H04N 7/173 (2011.01)
(86) PCT JP2011/061766 de 23/05/2011
(87) WO 2011/162061 de 29/12/2011

(21) **BR 11 2012 033114-0 1.1**
(30) 21/06/2010 US 61/356,947
(51) F04B 7/04 (2006.01)
(86) PCT US2011/041305 de 21/06/2011
(87) WO 2011/163274 de 29/12/2011

(21) **BR 11 2012 033115-9 1.1**
(30) 22/06/2010 US 61/357,095; 23/06/2010 US 61/357,952
(51) A61B 17/12 (2006.01)
(86) PCT US2011/041143 de 21/06/2011
(87) WO 2011/163157 de 29/12/2011

(21) **BR 11 2012 033116-7 1.1**
(30) 24/06/2010 US 61/358,400
(51) A61K 49/04 (2006.01)

(86) PCT US2011/041802 de 24/06/2011
(87) WO 2011/163578 de 29/12/2011

(21) **BR 11 2012 033117-5 1.1**
(30) 24/06/2010 US 61/358,122
(51) C07D 487/04 (2006.01), A61K 31/519 (2006.01), A61K 31/55 (2006.01), A61K 31/551 (2006.01), A61P 11/00 (2006.01)
(86) PCT US2011/041688 de 23/06/2011
(87) WO 2011/163518 de 29/12/2011

(21) **BR 11 2012 033118-3 1.1**
(30) 24/06/2010 US 61/358,107; 24/06/2010 NL 2004966
(51) B26D 7/26 (2006.01), B26D 5/04 (2006.01), B26D 1/08 (2006.01), B26D 5/14 (2006.01)
(86) PCT NL2011/050439 de 17/06/2011
(87) WO 2011/162600 de 29/12/2011

(21) **BR 11 2012 033120-5 1.1**
(51) F21S 8/00 (2006.01), B01J 3/00 (2006.01)
(86) PCT DK10/050160 de 23/06/2010
(87) WO 2011/160626 de 29/12/2011

(21) **BR 11 2012 033122-1 1.1**
(30) 30/06/2010 US 12/827,775
(51) G03G 15/00 (2006.01)
(86) PCT US11/042710 de 30/06/2011
(87) WO 2012/003400 de 05/01/2012

(21) **BR 11 2012 033172-8 1.1**
(30) 25/06/2010 DE 10 2010 030 544.8
(51) B02C 19/00 (2006.01), B09B 3/00 (2006.01), B02C 23/26 (2006.01)
(86) PCT EP11/060642 de 24/06/2011
(87) WO 2011/161252 de 29/12/2011

(21) **BR 11 2012 033173-6 1.1**
(30) 26/06/2010 EP 10 006651.3
(51) F24C 15/00 (2006.01)
(86) PCT EP11/002695 de 01/06/2011
(87) WO 2011/160761 de 29/12/2011

(21) **BR 11 2012 033174-4 1.1**
(30) 02/07/2010 EP 10168353.0
(51) C22C 38/04 (2006.01), C22C 38/06 (2006.01), C22C 38/24 (2006.01), C22C 38/26 (2006.01), C21D 7/02 (2006.01), C21D 9/50 (2006.01)
(86) PCT EP11/061154 de 01/07/2011
(87) WO 2012/001163 de 05/01/2012

(21) **BR 11 2012 033175-2 1.1**
(30) 20/07/2010 EP 10170141.5
(51) B05B 7/08 (2006.01), B01F 5/06 (2006.01), B05B 7/04 (2006.01), B05B 7/10 (2006.01), B05C 17/005 (2006.01)
(86) PCT EP11/057379 de 09/05/2011
(87) WO 2012/010338 de 26/01/2012

(21) **BR 11 2012 033176-0 1.1**
(30) 23/06/2010 US 61/357,786; 31/05/2011 US 13/118,931
(51) A61L 12/06 (2006.01), A45C 11/00 (2006.01)
(86) PCT US11/040725 de 16/06/2011
(87) WO 2011/163054 de 29/12/2011

(21) **BR 11 2012 033184-1 1.1**
(30) 29/06/2010 US 61356749; 28/06/2011 US 13171270
(51) H04W 72/04 (2009.01), H04L 1/18 (2006.01), H04L 5/00 (2006.01), H04L 1/06 (2006.01), H04W 72/14 (2009.01)
(86) PCT US2011/042400 de 29/06/2011
(87) WO 2012/003226 de 05/01/2012

(21) **BR 11 2012 033186-8 1.1**
(51) G06K 19/07 (2006.01), G06F 13/10 (2006.01)
(86) PCT SG2010/000237 de 25/06/2010
(87) WO 2011/162718 de 29/12/2011

(21) **BR 11 2012 033187-6 1.1**
(30) 01/07/2010 FR 1055320
(51) A46B 9/02 (2006.01), A45D 40/26 (2006.01), A46B 1/00 (2006.01)
(86) PCT IB2011/052716 de 21/06/2011
(87) WO 2012/001580 de 05/01/2012

(21) **BR 11 2012 033188-4 1.1**
(30) 24/06/2010 AU 2010202628; 25/06/2010 US 61/358,507; 25/06/2010 CA 2,707,538
(51) A45D 19/00 (2006.01), A45D 24/22 (2006.01)
(86) PCT IB2011/052767 de 23/06/2011
(87) WO 2011/161647 de 29/12/2011

(21) **BR 11 2012 033189-2 1.1**
(30) 22/06/2010 NO 20100905
(51) E21B 43/01 (2006.01), B63C 11/00 (2006.01), E21B 43/12 (2006.01), F04B 53/16 (2006.01), F16J 15/40 (2006.01), F16N 17/00 (2006.01)
(86) PCT IB2011/001399 de 20/06/2011
(87) WO 2011/161519 de 29/12/2011

(21) **BR 11 2012 033193-0 1.1**
(30) 22/06/2010 NO 20100903
(51) E21B 43/01 (2006.01), B63C 11/00 (2006.01), E21B 43/12 (2006.01), F04B 53/16 (2006.01), F04D 29/10 (2006.01), F16J 15/40 (2006.01)
(86) PCT IB2011/001391 de 20/06/2011
(87) WO 2011/161517 de 29/12/2011

(21) **BR 11 2012 033195-7 1.1**
(30) 23/06/2010 FI 20105727
(51) C08L 1/02 (2006.01), C08J 3/09 (2006.01), D21C 3/20 (2006.01)
(86) PCT FI2011/050609 de 23/06/2011
(87) WO 2011/161326 de 29/12/2011

(21) **BR 11 2012 033197-3 1.1**
(30) 25/06/2010 US 61/358,857; 01/07/2010 US 61/360,786; 29/09/2010 US 61/387,862; 24/01/2011 US 61/435,710; 11/02/2011 US 61/442,115; 15/04/2011 US 61/476,210; 09/06/2011 US 61/495,268
(51) A61K 38/46 (2006.01), A61K 38/00 (2006.01)
(86) PCT US2011/041922 de 25/06/2011
(87) WO 2011/163647 de 29/12/2011

(21) **BR 11 2012 033200-7 1.1**
(30) 25/06/2010 US 61/358,606
(51) G01N 21/35 (2006.01)
(86) PCT US2011/041884 de 24/06/2011
(87) WO 2011/163624 de 29/12/2011

(21) **BR 11 2012 033201-5 1.1**
(30) 24/06/2010 US 12/822,970; 22/07/2010 US 12/841,270; 22/07/2010 US 12/841,258; 22/07/2010 US 12/841,250; 22/07/2010 US 12/841,285; 22/07/2010 US 12/841,290; 13/08/2010 US 12/856,140
(51) H04L 29/06 (2006.01), H04L 29/12 (2006.01), H04M 3/46 (2006.01), H04M 3/56 (2006.01), H04M 3/42 (2006.01), H04L 12/14 (2006.01), H04M 15/00 (2006.01)
(86) PCT US2011/041742 de 24/06/2011
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(21) **BR 11 2012 033203-1 1.1**
(30) 24/06/2010 AU 2010902788
(51) C08L 63/00 (2006.01), C08K 7/00 (2006.01), B29K 63/00 (2006.01), B29C 43/00 (2006.01), C08K 7/28 (2006.01)
(86) PCT AU2011/000772 de 23/06/2011
(87) WO 2011/160183 de 29/12/2011

(21) **BR 11 2012 033204-0 1.1**
(30) 30/06/2010 US 12/826,766
(51) F16F 15/04 (2006.01), F16F 15/02 (2006.01), B60K 5/12 (2006.01)
(86) PCT US11/039253 de 06/06/2011
(87) WO 2012/005849 de 12/01/2012

(21) **BR 11 2012 033205-8 1.1**
(30) 25/06/2010 US 61/358,857; 01/07/2010 US 61/360,786; 29/09/2010 US 61/387,862; 24/01/2011 US 61/435,710; 11/02/2011 US 61/422,115; 15/04/2011 US 61/476,210; 09/06/2011 US 61/495,268
(51) A61K 38/46 (2006.01)
(86) PCT US2011/041924 de 25/06/2011
(87) WO 2011/163648 de 29/12/2011

(21) **BR 11 2012 033207-4 1.1**
(30) 25/06/2010 US 61/358,857; 01/07/2010 US 61/360,786; 29/09/2010 US 61/387,862
(51) A61K 38/47 (2006.01)
(86) PCT US2011/041928 de 25/06/2011
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(21) **BR 11 2012 033209-0 1.1**
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(51) F03D 1/06 (2006.01)
(86) PCT EP2011/061622 de 08/07/2011
(87) WO 2012/004383 de 12/01/2012

(21) **BR 11 2012 033210-4 1.1**
(30) 24/06/2010 GB 1010644.1
(51) C12P 7/02 (2006.01), C12P 7/06 (2006.01), C12P 7/08 (2006.01), C12P 7/10 (2006.01), C12P 7/16 (2006.01), C12P 7/62 (2006.01), C12P 7/64 (2006.01)
(86) PCT EP11/060667 de 24/06/2011
(87) WO 2011/161261 de 29/12/2011

(21) **BR 11 2012 033212-0 1.1**
(51) A61K 35/74 (2006.01), C12R 1/225 (2006.01), C12R 1/25 (2006.01)
(86) PCT IB2010/001554 de 28/06/2010
(87) WO 2012/001440 de 05/01/2012

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(51) A01H 5/00 (2006.01)
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(51) A61K 38/46 (2006.01), A61K 38/00 (2006.01)
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(21) **BR 11 2012 033215-5 1.1**
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(51) H04L 12/14 (2006.01)
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(21) **BR 11 2012 033216-3 1.1**
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(51) A61K 38/54 (2006.01), A61K 38/46 (2006.01)
(86) PCT US2011/041926 de 25/06/2011
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(21) **BR 11 2012 033217-1 1.1**
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(51) D21H 21/28 (2006.01), D21H 21/30 (2006.01), D21H 21/32 (2006.01)
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(51) G05D 16/16 (2006.01)
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(51) G06K 9/46 (2006.01), G06K 9/42 (2006.01)
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(51) H04R 1/40 (2006.01)
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(51) G02B 3/00 (2006.01), B42D 15/00 (2006.01), G02B 27/22 (2006.01), G02B 3/04 (2006.01)
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(51) H04N 7/24 (2011.01), H04L 29/08 (2006.01)
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(51) H04W 28/22 (2009.01)
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(21) **BR 11 2012 033228-7 1.1**
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(51) C07D 213/55 (2006.01), C07D 213/56 (2006.01)
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(21) **BR 11 2012 033231-7 1.1**
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(51) C08G 18/40 (2006.01), C08G 18/48 (2006.01), C08G 18/58 (2006.01), C08G 18/66 (2006.01), C08G 18/79 (2006.01), E21B 36/00 (2006.01), C09D 175/04 (2006.01)
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(51) G06F 9/46 (2006.01), G06F 9/50 (2006.01)
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(87) WO 2011/160884 de 29/12/2011

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(51) B60S 1/38 (2006.01), B60S 1/40 (2006.01)
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(21) **BR 11 2012 033240-6 1.1**
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(51) B60C 9/18 (2006.01)
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(21) **BR 11 2012 033241-4 1.1**
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(51) C07D 471/04 (2006.01), C07D 519/00 (2006.01), A61P 35/00 (2006.01), A61K 31/4375 (2006.01)
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(51) B60C 23/04 (2006.01), B29D 30/00 (2006.01)
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(21) **BR 11 2012 033245-7 1.1**
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(51) A61Q 19/10 (2006.01), A61K 8/81 (2006.01)
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(21) **BR 11 2012 033246-5 1.1**
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(51) B60C 11/11 (2006.01), B60C 11/12 (2006.01)
(86) PCT EP2011/061369 de 06/07/2011
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(21) **BR 11 2012 033247-3 1.1**
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(51) G02F 1/1345 (2006.01), B32B 17/10 (2006.01)
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(51) B22F 3/105 (2006.01), B29C 67/00 (2006.01), B23P 15/02 (2006.01), B22F 5/04 (2006.01), B22F 3/00 (2006.01), F01D 5/14 (2006.01)
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(51) H01M 4/88 (2006.01), B41J 29/00 (2006.01), B41M 5/00 (2006.01), C09D 11/00 (2006.01)
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(51) B60C 23/04 (2006.01), G01G 19/08 (2006.01)
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(21) **BR 11 2012 033253-8 1.1**
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(21) **BR 11 2012 033256-2 1.1**
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(51) B60C 9/18 (2006.01), B60C 9/22 (2006.01), B60C 19/00 (2006.01), B60C 23/19 (2006.01)
(86) PCT EP2011/061270 de 05/07/2011
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(51) B62K 15/00 (2006.01), B62K 19/18 (2006.01), F16B 7/04 (2006.01), F16L 37/23 (2006.01)
(86) PCT IB2011/052793 de 24/06/2011
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(21) **BR 11 2012 033258-9 1.1**
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(51) A61L 9/01 (2006.01), A61L 9/14 (2006.01)
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(51) H04L 1/18 (2006.01), H04W 80/02 (2009.01)
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(21) **BR 11 2012 033260-0 1.1**
(30) 30/06/2010 JP 2010-150043
(51) B60L 9/18 (2006.01), B60W 10/08 (2006.01), B60W 20/00 (2006.01)
(86) PCT JP2011/061053 de 13/05/2011
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(21) **BR 11 2012 033263-5 1.1**
(30) 23/07/2010 JP 2010-166245
(51) C08L 15/00 (2006.01), C08F 236/04 (2006.01), C08K 3/36 (2006.01), C08L 7/00 (2006.01), C08L 9/00 (2006.01)
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(51) F02B 67/06 (2006.01), F02B 61/02 (2006.01), F16H 7/08 (2006.01)
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(21) **BR 11 2012 033266-0 1.1**
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(51) G01N 11/00 (2006.01), G01N 33/38 (2006.01)
(86) PCT US2011/035851 de 10/05/2011
(87) WO 2011/162878 de 29/12/2011

(21) **BR 11 2012 033268-6 1.1**
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(51) B67D 1/08 (2006.01)
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(21) **BR 11 2012 033270-8 1.1**
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(51) B65D 43/16 (2006.01), B65D 43/06 (2006.01), B65D 43/08 (2006.01), B65D 1/22 (2006.01)
(86) PCT US2011/041578 de 23/06/2011
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(21) **BR 11 2012 033272-4 1.1**
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(51) H01Q 3/00 (2006.01)
(86) PCT US2011/041827 de 24/06/2011
(87) WO 2012/044384 de 05/04/2012

(21) **BR 11 2012 033273-2 1.1**
(30) 24/06/2010 JP 2010-143880; 15/12/2010 JP 2010-279811
(51) B23K 20/00 (2006.01), B23K 11/12 (2006.01), B23K 20/10 (2006.01), B23K 20/24 (2006.01)
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(21) **BR 11 2012 033276-7 1.1**
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(51) B63B 7/04 (2006.01), B63B 35/00 (2006.01), E02B 17/04 (2006.01)
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(51) C08J 9/00 (2006.01), C08J 9/10 (2006.01), B29C 44/34 (2006.01)
(86) PCT EP2011/003186 de 24/06/2011
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(21) **BR 11 2012 033278-3 1.1**
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(51) C08L 1/10 (2006.01)
(86) PCT US2011/042266 de 29/06/2011
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(21) **BR 11 2012 033279-1 1.1**
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(51) G06F 9/48 (2006.01)
(86) PCT EP2010/067021 de 08/11/2010
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(21) **BR 11 2012 033280-5 1.1**
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(51) H04M 11/00 (2006.01), H04M 3/487 (2006.01), H04W 4/02 (2009.01)
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(87) WO 2012/002425 de 05/01/2012

(21) **BR 11 2012 033281-3 1.1**
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(51) C08L 21/00 (2006.01), B60C 1/00 (2006.01), C08F 236/04 (2006.01), C08K 3/36 (2006.01), C08L 15/00 (2006.01)
(86) PCT JP2011/066703 de 22/07/2011
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(21) **BR 11 2012 033282-1 1.1**
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(51) B05B 5/16 (2006.01), B05B 12/14 (2006.01), B05B 15/02 (2006.01)
(86) PCT US2011/044827 de 21/07/2011
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(21) **BR 11 2012 033283-0 1.1**
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(51) G06Q 30/00 (2006.01)
(86) PCT US2011/039944 de 10/06/2011
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(21) **BR 11 2012 033284-8 1.1**
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(51) A61K 39/39 (2006.01), A61P 31/06 (2006.01), A61P 31/18 (2006.01), A61P 31/00 (2006.01), A61P 35/00 (2006.01), A61K 9/127 (2006.01)
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(21) **BR 11 2012 033286-4 1.1**
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(51) A62C 35/68 (2006.01), E04B 9/00 (2006.01)
(86) PCT US2011/041775 de 24/06/2011
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(21) **BR 11 2012 033287-2 1.1**
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(51) G01F 1/66 (2006.01), G01F 15/14 (2006.01), G01F 15/00 (2006.01)
(86) PCT US2011/039238 de 06/06/2011
(87) WO 2012/005848 de 12/01/2012

(21) **BR 11 2012 033288-0 1.1**
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(51) G06Q 10/00 (2006.01), G06Q 50/00 (2006.01)
(86) PCT US2011/041885 de 24/06/2011
(87) WO 2011/163625 de 29/12/2011

(21) **BR 11 2012 033289-9 1.1**
(51) C12P 7/64 (2006.01), C12P 39/00 (2006.01)
(86) PCT ES2010/070423 de 23/06/2010
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(21) **BR 11 2012 033290-2 1.1**
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(51) A61K 31/517 (2006.01), A61P 25/00 (2006.01)
(86) PCT EP2011/060634 de 24/06/2011
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(21) **BR 11 2012 033291-0 1.1**
(30) 28/06/2010 EP 10167542.9
(51) C07D 241/08 (2006.01), C07D 401/10 (2006.01), C07D 401/12 (2006.01), C07D 403/10 (2006.01), A61K 31/495 (2006.01), A61P 25/28 (2006.01)
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(21) **BR 11 2012 033292-9 1.1**
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(51) A23L 2/39 (2006.01)
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(21) **BR 11 2012 033293-7 1.1**
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(51) E21B 43/10 (2006.01), E21B 43/26 (2006.01)
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(21) **BR 11 2012 033294-5 1.1**
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(51) A61B 3/103 (2006.01), A61B 3/18 (2006.01)
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(21) **BR 11 2012 033295-3 1.1**
(30) 02/07/2010 US 61/361,305; 07/06/2011 US 61/494,368; 07/06/2011 US 61/494,277
(51) C07K 7/06 (2006.01), A61K 38/16 (2006.01), A61K 47/48 (2006.01), A61P 35/00 (2006.01), C07K 14/00 (2006.01), C07K 19/00 (2006.01), C07K 7/08 (2006.01), C07K 14/575 (2006.01), C07K 14/605 (2006.01)
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(51) C12N 15/29 (2006.01), A01H 5/00 (2006.01), C12N 15/82 (2006.01)
(86) PCT AU2011/000818 de 30/06/2011
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(51) C07C 31/08 (2006.01), C07C 31/10 (2006.01), C07C 29/149 (2006.01), C10L 1/02 (2006.01), C10L 1/00 (2006.01)
(86) PCT US2011/046511 de 03/08/2011
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(21) **BR 11 2012 033327-5 1.1**
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(51) B01J 2/02 (2006.01), C01C 1/24 (2006.01), C05C 1/02 (2006.01)
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(21) **BR 11 2012 033328-3 1.1**
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(51) C08G 18/16 (2006.01), C08J 9/00 (2006.01)
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(21) **BR 11 2012 033329-1 1.1**
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(51) C08G 18/32 (2006.01), C08G 18/38 (2006.01), C08G 18/67 (2006.01), C08J 9/00 (2006.01), C08K 5/31 (2006.01)
(86) PCT US2011/043396 de 08/07/2011
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(51) C01B 33/00 (2006.01), C01B 33/02 (2006.01), C01B 33/027 (2006.01), C01B 33/029 (2006.01), C01B 33/03 (2006.01)
(86) PCT EP2011/060412 de 22/06/2011
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(51) H04L 12/24 (2006.01)
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(21) **BR 11 2012 033343-7 1.1**
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(51) A61F 13/00 (2006.01), A61F 13/02 (2006.01)
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(87) WO 2012/006103 de 12/01/2012

(21) **BR 11 2012 033344-5 1.1**
(30) 30/06/2010 CN 2010074792
(51) C07D 403/14 (2006.01), A61K 31/517 (2006.01), A61P 35/00 (2006.01), A61P 35/04 (2006.01)
(86) PCT CN2011/074637 de 25/05/2011
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(51) B60W 20/00 (2006.01), B60K 6/485 (2007.10), B60K 6/543 (2007.10), B60K 6/547 (2007.10), B60L 11/14 (2006.01), B60L 15/20 (2006.01), B60W 10/06 (2006.01), B60W 10/08 (2006.01), B60W 10/10 (2006.01), F02D 29/00 (2006.01), F02D 29/02 (2006.01), F16H 61/16 (2006.01)
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(51) C08L 67/00 (2006.01), C08K 5/00 (2006.01), B65D 81/00 (2006.01), C08G 63/00 (2006.01)
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(21) **BR 11 2012 033349-6 1.1**
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(51) A61K 38/05 (2006.01), A61K 9/10 (2006.01), A61P 17/02 (2006.01)
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(51) C07D 213/56 (2006.01), C07D 237/08 (2006.01), C07D 279/12 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/12 (2006.01), A61K 31/44 (2006.01), A61P 35/00 (2006.01)
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(51) B60T 11/20 (2006.01)
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(51) A23L 1/29 (2006.01), A61J 15/00 (2006.01)
(86) PCT US2011/042152 de 28/06/2011
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(21) **BR 11 2012 033353-4 1.1**
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(51) A47J 31/44 (2006.01), A47J 31/52 (2006.01), B65D 85/804 (2006.01)
(86) PCT EP2011/060544 de 23/06/2011
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(51) H01H 23/14 (2006.01), H01H 23/16 (2006.01)
(86) PCT JP2011/065643 de 01/07/2011
(87) WO 2012/002581 de 05/01/2012

(21) **BR 11 2012 033358-5 1.1**
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(86) PCT CN2010/000984 de 30/06/2010
(87) WO 2012/000132 de 05/01/2012

(21) **BR 11 2012 033360-7 1.1**
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(51) A61B 3/00 (2006.01), A61B 3/12 (2006.01), G02B 26/12 (2006.01), G02B 27/00 (2006.01), A61F 9/00 (2006.01)
(86) PCT GB2011/051038 de 02/06/2011
(87) WO 2012/001382 de 05/01/2012

(21) **BR 11 2012 033362-3 1.1**
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(51) B65G 47/256 (2006.01), B67B 3/064 (2006.01), B65G 21/20 (2006.01), B65G 35/00 (2006.01)
(86) PCT FR2011/051054 de 11/05/2011
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(21) **BR 11 2012 033364-0 1.1**
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(51) B05B 1/04 (2006.01)
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(21) **BR 11 2012 033380-1 1.1**
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(51) B05B 11/00 (2006.01)
(86) PCT GB2011/001002 de 01/07/2011
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(21) **BR 11 2012 033381-0 1.1**
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(51) H01M 8/06 (2006.01)
(86) PCT US2011/041234 de 21/06/2011
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(21) **BR 11 2012 033383-6 1.1**
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(51) G01N 33/487 (2006.01), H02J 7/00 (2006.01)
(86) PCT GB2011/000974 de 28/06/2011
(87) WO 2012/001351 de 05/01/2012

(21) **BR 11 2012 033384-4 1.1**
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(51) B01J 19/00 (2006.01)
(86) PCT US2011/041227 de 21/06/2011
(87) WO 2012/003111 de 05/01/2012

(21) **BR 11 2012 033385-2 1.1**
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(51) G07C 1/22 (2006.01), A63B 71/00 (2006.01)
(86) PCT FR2011/051458 de 24/06/2011
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(21) **BR 11 2012 033388-7 1.1**
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(51) A61K 31/17 (2006.01), A61K 31/416 (2006.01), A61K 31/4162 (2006.01), A61K 31/4365 (2006.01), A61K 31/519 (2006.01), A61K 9/00 (2006.01), A61P 27/02 (2006.01)
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(51) H04L 29/06 (2006.01)
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(21) **BR 11 2012 033391-7 1.1**
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(51) A61K 31/585 (2006.01), A61K 9/22 (2006.01)
(86) PCT EP2011/060795 de 28/06/2011
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(21) **BR 11 2012 033392-5 1.1**
(30) 29/06/2010 US 61/359,454; 29/06/2010 DK PA 2010 00568; 18/03/2011 US 61/454,200
(51) A61C 7/00 (2006.01), A61C 13/00 (2006.01)
(86) PCT DK2011/050246 de 29/06/2011
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(21) **BR 11 2012 033393-3 1.1**
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(51) B65D 1/02 (2006.01)
(86) PCT US2011/040142 de 13/06/2011
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(21) **BR 11 2012 033395-0 1.1**
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(51) C08G 69/36 (2006.01)
(86) PCT JP2011/053919 de 23/02/2011
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(21) **BR 11 2012 033396-8 1.1**
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(51) C07K 14/37 (2006.01), C12N 9/42 (2006.01), D21C 5/00 (2006.01)
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(51) C03B 5/225 (2006.01)
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(86) PCT JP2011/003836 de 05/07/2011
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(51) B21B 43/00 (2006.01)
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(21) **BR 11 2012 033404-2 1.1**
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(51) C12N 9/42 (2006.01), C07K 14/435 (2006.01)
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(21) **BR 11 2012 033406-9 1.1**
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(51) C07K 16/28 (2006.01), G01N 33/574 (2006.01)
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(21) **BR 11 2012 033407-7 1.1**
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(51) F04C 18/16 (2006.01), F04C 29/00 (2006.01), F16C 39/06 (2006.01)
(86) PCT BE2011/000039 de 01/07/2011
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(51) C01B 7/01 (2006.01), F22B 1/22 (2006.01), F22G 1/14 (2006.01)
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(51) A23B 7/10 (2006.01), A23B 7/14 (2006.01)
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(21) **BR 11 2012 033411-5 1.1**
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(51) C07D 401/14 (2006.01), C07D 417/14 (2006.01), A01N 43/56 (2006.01), A01N 43/78 (2006.01), A01N 43/824 (2006.01)
(86) PCT EP2011/060596 de 24/06/2011
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(51) A61B 17/72 (2006.01)
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(87) WO 2012/005801 de 12/01/2012

(21) **BR 11 2012 033414-0 1.1**
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(51) A61K 9/70 (2006.01), A61K 8/81 (2006.01), A61K 47/10 (2006.01), A61K 8/34 (2006.01), A61K 47/36 (2006.01), A61Q 5/02 (2006.01), D04H 1/42 (2006.01), A61Q 19/10 (2006.01), A61K 8/02 (2006.01)
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(51) A61F 2/30 (2006.01), A61B 17/72 (2006.01), A61B 17/80 (2006.01), A61B 17/84 (2006.01), A61L 27/28 (2006.01)
(86) PCT US2011/043048 de 06/07/2011
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(21) **BR 11 2012 033417-4 1.1**
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(51) E21B 34/14 (2006.01), E21B 34/10 (2006.01)
(86) PCT US2011/047568 de 12/08/2011
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(21) **BR 11 2012 033418-2 1.1**
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(51) A23B 7/10 (2006.01), A23L 3/3508 (2006.01)
(86) PCT US2011/042081 de 28/06/2011
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(21) **BR 11 2012 033421-2 1.1**
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(51) B32B 17/10 (2006.01), F41H 5/04 (2006.01), F41H 5/26 (2006.01)
(86) PCT US2011/042269 de 29/06/2011
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(21) **BR 11 2012 033422-0 1.1**
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(51) A23L 1/29 (2006.01), A61J 15/00 (2006.01)
(86) PCT US2011/042148 de 28/06/2011
(87) WO 2012/006074 de 12/01/2012

(21) **BR 11 2012 033424-7 1.1**
(30) 30/06/2010 GB 1010971.8; 10/03/2011 GB 1104088.8
(51) A61F 13/06 (2006.01), A61F 13/08 (2006.01), A41B 11/00 (2006.01)
(86) PCT GB2011/051228 de 29/06/2011
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(21) **BR 11 2012 033425-5 1.1**
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(51) C07D 215/38 (2006.01), C07D 471/04 (2006.01), A61K 31/4745 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/003127 de 24/06/2011
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(21) **BR 11 2012 033426-3 1.1**
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(87) WO 2012/001761 de 05/01/2012

(21) **BR 11 2012 033428-0 1.1**
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(51) B60K 17/22 (2006.01), F16D 3/20 (2006.01)
(86) PCT US2011/042498 de 30/06/2011
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(21) **BR 11 2012 033432-8 1.1**
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(51) G11C 17/18 (2006.01), G11C 17/16 (2006.01)
(86) PCT US2011/042092 de 28/06/2011
(87) WO 2012/003165 de 05/01/2012

(21) **BR 11 2012 033433-6 1.1**
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(51) A61F 13/15 (2006.01)
(86) PCT US2011/044097 de 15/07/2011
(87) WO 2012/009591 de 19/01/2012

(21) **BR 11 2012 033435-2 1.1**
(30) 29/06/2010 US 61/359,699; 29/06/2010 FR 1055236
(51) A61K 9/00 (2006.01), A61K 47/14 (2006.01), A61K 31/557 (2006.01), A61K 49/00 (2006.01)
(86) PCT EP2011/060848 de 28/06/2011
(87) WO 2012/001009 de 05/01/2012

(21) **BR 11 2012 033437-9 1.1**
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(51) A61F 13/15 (2006.01), A61F 13/534 (2006.01)
(86) PCT US2011/044096 de 15/07/2011
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(21) **BR 11 2012 033443-3 1.1**
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(51) G01K 1/02 (2006.01), B28C 7/02 (2006.01)
(86) PCT US2011/048074 de 17/08/2011
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(21) **BR 11 2012 033451-4 1.1**
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(51) C08G 69/26 (2006.01), C08L 21/00 (2006.01), C08L 77/06 (2006.01)
(86) PCT JP2012/062814 de 18/05/2012
(87) WO 2012/169334 de 13/12/2012

(21) **BR 11 2012 033453-0 1.1**
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(51) E06B 3/677 (2006.01)
(86) PCT US2011/040538 de 15/06/2011
(87) WO 2012/005906 de 12/01/2012

(21) **BR 11 2012 033454-9 1.1**
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(51) B63B 39/06 (2006.01), B63B 35/44 (2006.01)
(86) PCT JP2011/074508 de 25/10/2011
(87) WO 2012/057112 de 03/05/2012

(21) **BR 11 2012 033456-5 1.1**
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(51) H01R 4/28 (2006.01), F16F 1/373 (2006.01), F16G 11/03 (2006.01), H01R 4/18 (2006.01)
(86) PCT CA2011/000742 de 27/06/2011
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(21) **BR 11 2012 033458-1 1.1**
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(51) B41M 5/50 (2006.01), D21H 19/82 (2006.01)
(86) PCT EP2011/061008 de 30/06/2011
(87) WO 2012/001104 de 05/01/2012

(21) **BR 11 2012 033462-0 1.1**
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(51) C07C 51/00 (2006.01), C07C 53/02 (2006.01)
(86) PCT EP2011/060269 de 21/06/2011
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(21) **BR 11 2012 033465-4 1.1**
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(51) C07D 215/56 (2006.01)
(86) PCT EP2011/061490 de 07/07/2011
(87) WO 2012/004338 de 12/01/2012

(21) **BR 11 2012 033470-0 1.1**
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(51) B23K 35/02 (2006.01), B23K 35/30 (2006.01)
(86) PCT FR2011/051811 de 27/07/2011
(87) WO 2012/017174 de 09/02/2012

(21) **BR 11 2012 033472-7 1.1**
(30) 08/07/2010 PL P.391785
(51) B30B 9/30 (2006.01)
(86) PCT PL2011/000071 de 06/07/2011
(87) WO 2012/005616 de 12/01/2012

(21) **BR 11 2012 033474-3 1.1**
(30) 02/07/2010 GB 1011136.7
(51) B66F 11/04 (2006.01), B66F 17/00 (2006.01)
(86) PCT GB2011/000976 de 29/06/2011
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(21) **BR 11 2012 033490-5 1.1**
(30) 02/07/2010 EP 10168236.7; 29/07/2010 EP 10171257.8; 11/01/2011 EP 11150650.7
(51) C07D 215/24 (2006.01), C07D 215/26 (2006.01), C07D 215/40 (2006.01), C07D 215/42 (2006.01), C07D 221/04 (2006.01), C07D 401/04 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), A01N 43/42 (2006.01), C07D 471/04 (2006.01)
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(21) **BR 11 2012 033493-0 1.1**
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(51) C07C 35/34 (2006.01), C11B 9/00 (2006.01), C12P 7/02 (2006.01)
(86) PCT EP11/060862 de 28/06/2011
(87) WO 2012/001018 de 05/01/2012

(21) **BR 11 2012 033494-8 1.1**
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(51) C23C 22/00 (2006.01), C23C 22/36 (2006.01), C23C 22/73 (2006.01), C23C 22/83 (2006.01)
(86) PCT EP11/060590 de 24/06/2011
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(51) A61L 24/00 (2006.01), A61L 24/02 (2006.01), A61L 27/12 (2006.01), A61L 27/58 (2006.01)
(86) PCT US11/042607 de 30/06/2011
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(21) **BR 11 2012 033496-4 1.1**
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(51) C22C 38/00 (2006.01), B21B 1/26 (2006.01), B21B 3/00 (2006.01), B22D 11/00 (2006.01), B22D 11/115 (2006.01), B22D 11/128 (2006.01), C21D 8/02 (2006.01), C22C 38/14 (2006.01), C22C 38/58 (2006.01)
(86) PCT JP11/065014 de 30/06/2011
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(21) **BR 11 2012 033497-2 1.1**
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(51) B32B 21/10 (2006.01), E04C 2/18 (2006.01), E04C 2/22 (2006.01), E04F 13/16 (2006.01), E04F 15/02 (2006.01), E04F 15/10 (2006.01)
(86) PCT EP11/060991 de 30/06/2011
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(21) **BR 11 2012 033498-0 1.1**
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(51) F16G 13/06 (2006.01)
(86) PCT EP11/060940 de 29/06/2011
(87) WO 2012/001066 de 05/01/2012

(21) **BR 11 2012 033513-8 1.1**
(30) 29/06/2010 GB 1010907.2; 04/09/2010 GB 1014681.9; 20/10/2010 GB 1017715.2
(51) F04F 1/18 (2006.01), F04F 1/20 (2006.01), B08B 9/043 (2006.01)
(86) PCT GB2011/051235 de 29/06/2011
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(21) **BR 11 2012 033538-3 1.1**
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(51) C12N 7/02 (2006.01), C12N 15/90 (2006.01), C12N 5/16 (2006.01)
(86) PCT EP2011/060952 de 29/08/2011
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(86) PCT US10/041483 de 09/07/2010
(87) WO 2012/005735 de 12/01/2012

(21) **BR 11 2012 033548-0 1.1**
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(51) A01N 43/04 (2006.01), A61K 31/70 (2006.01), A61K 31/715 (2006.01)
(86) PCT US11/042211 de 28/06/2011
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(51) B41N 10/04 (2006.01), B32B 5/26 (2006.01)
(86) PCT EP11/060796 de 28/06/2011
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(21) **BR 11 2012 033565-0 1.1**
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(51) E06B 3/56 (2006.01), E06B 3/54 (2006.01)
(86) PCT EP11/060842 de 28/06/2011
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(21) **BR 11 2012 033569-3 1.1**
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(51) A61F 2/00 (2006.01), A61M 1/10 (2006.01), A61M 1/12 (2006.01)
(86) PCT EP11/003286 de 01/07/2011
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(51) G01N 30/16 (2006.01), G01N 30/08 (2006.01)
(86) PCT EP2011/003164 de 30/06/2011
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(21) **BR 11 2012 033576-6 1.1**
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(51) A61F 2/00 (2006.01), A61M 1/10 (2006.01), A61M 1/12 (2006.01)
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(51) G01F 1/74 (2006.01)
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(51) A61C 8/00 (2006.01), A61C 13/265 (2006.01)
(86) PCT IB10/003380 de 28/12/2010
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(21) **BR 11 2012 033582-0 1.1**
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(51) F16H 3/78 (2006.01)
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(51) E21B 34/10 (2006.01), E21B 43/12 (2006.01)
(86) PCT NO11/000171 de 14/06/2011
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(51) A61B 17/80 (2006.01)
(86) PCT US2011/038752 de 01/06/2011
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(51) G01N 11/10 (2006.01)
(86) PCT FR2011/051528 de 30/06/2011
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(21) **BR 11 2012 033596-0 1.1**
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(51) H04W 72/08 (2009.01)
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(21) **BR 11 2012 033597-9 1.1**
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(51) C12P 7/06 (2006.01), C12P 7/16 (2006.01), C12P 7/54 (2006.01), C12P 7/52 (2006.01), C12N 1/20 (2006.01), C12M 1/04 (2006.01), C12R 1/01 (2006.01)
(86) PCT US2011/042678 de 30/06/2011
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(21) **BR 11 2012 033599-5 1.1**
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(51) C07D 215/48 (2006.01), C07D 401/06 (2006.01), C07D 405/12 (2006.01), C07D 471/04 (2006.01), A61K 31/4375 (2006.01), A61K 31/47 (2006.01), A61K 31/4709 (2006.01), A61P 3/04 (2006.01), A61P 3/06 (2006.01), A61P 3/10 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/060864 de 29/06/2011
(87) WO 2012/001020 de 05/01/2012

(21) **BR 11 2012 033600-2 1.1**
(30) 02/07/2010 US 61/361,135
(51) D04H 1/42 (2006.01), D04H 3/00 (2006.01), A61K 9/70 (2006.01), A61K 47/30 (2006.01), D01F 1/10 (2006.01), D01F 4/00 (2006.01), D01F 9/00 (2006.01)
(86) PCT US2011/042662 de 30/06/2011
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(21) **BR 11 2012 033606-1 1.1**
(30) 02/07/2010 US 61/361,319
(51) A61M 5/32 (2006.01), A61M 5/315 (2006.01), A61M 5/24 (2006.01), A61M 5/50 (2006.01), A61K 38/24 (2006.01)
(86) PCT US11/042972 de 05/07/2011
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(21) **BR 11 2012 033607-0 1.1**
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(51) A61K 31/137 (2006.01), A61K 9/00 (2006.01), A61K 9/12 (2006.01), A61P 25/36 (2006.01), A61P 25/04 (2006.01), A61K 31/135 (2006.01)
(86) PCT GB11/051230 de 29/06/2011
(87) WO 2012/001411 de 05/01/2012

(21) **BR 11 2012 033608-8 1.1**
(51) H01M 8/02 (2006.01), H01M 8/10 (2006.01), H01M 8/24 (2006.01), H01M 8/18 (2006.01), H01M 8/20 (2006.01)
(86) PCT IB10/001651 de 29/06/2010
(87) WO 2012/001446 de 05/01/2012

(21) **BR 11 2012 033609-6 1.1**
(30) 30/06/2010 US 61/398,635; 01/12/2010 US 61/458,752; 20/01/2011 US 61/461,569; 21/01/2011 US 61/461,644; 13/04/2011 US 61/517,082
(51) C12P 7/10 (2006.01)
(86) PCT US11/042584 de 30/06/2011
(87) WO 2012/003310 de 05/01/2012

(21) **BR 11 2012 033610-0 1.1**
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(51) E21B 41/00 (2006.01)
(86) PCT EP11/061009 de 30/06/2011
(87) WO 2012/001105 de 05/01/2012

(21) **BR 11 2012 033612-6 1.1**
(30) 29/06/2010 US 61/359,638
(51) C07D 401/12 (2006.01), A61P 31/06 (2006.01), A61K 31/495 (2006.01)
(86) PCT US2011/042221 de 28/06/2011
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(21) **BR 11 2012 033614-2 1.1**
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(51) A47J 31/06 (2006.01)
(86) PCT EP11/061029 de 30/06/2011
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(21) **BR 11 2012 033616-9 1.1**
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(51) A61M 5/20 (2006.01), A61M 5/32 (2006.01)
(86) PCT EP11/060322 de 21/06/2011
(87) WO 2012/000838 de 05/01/2012

(21) **BR 11 2012 033618-5 1.1**
(30) 17/05/2011 US 13/109,870
(51) B22C 9/02 (2006.01), B22C 9/10 (2006.01), B61F 1/00 (2006.01)
(86) PCT US2012/037946 de 15/05/2012
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(21) **BR 11 2012 033620-7 1.1**
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(51) F28F 19/02 (2006.01), F28F 21/02 (2006.01)
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(21) **BR 11 2012 033621-5 1.1**
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(51) A61B 5/05 (2006.01)
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(21) **BR 11 2012 033622-3 1.1**
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(51) G06F 1/32 (2006.01), G05B 19/042 (2006.01)
(86) PCT EP2011/059616 de 09/06/2011
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(21) **BR 11 2012 033624-0 1.1**
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(51) A63B 21/005 (2006.01), A61B 5/11 (2006.01), G01L 1/00 (2006.01), G06F 19/00 (2011.01), H02P 21/00 (2006.01), A63B 21/002 (2006.01), A63B 71/00 (2006.01)
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(51) G01N 33/52 (2006.01), A61B 5/145 (2006.01), G01N 21/31 (2006.01)
(86) PCT EE11/000008 de 28/06/2011
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(21) **BR 11 2012 033626-6 1.1**
(30) 01/07/2010 NZ 586560; 19/07/2010 NZ 586882; 24/05/2011 NZ 593040
(51) E21B 1/22 (2006.01), E21B 6/00 (2006.01), E21B 7/24 (2006.01)
(86) PCT NZ2011/000123 de 29/06/2011
(87) WO 2012/002827 de 05/01/2012

(21) **BR 11 2012 033627-4 1.1**
(51) C08L 3/02 (2006.01), C08L 97/02 (2006.01), B65D 65/46 (2006.01)
(86) PCT TH10/000021 de 02/07/2010
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(21) **BR 11 2012 033628-2 1.1**
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(51) F28D 9/00 (2006.01), F28F 21/04 (2006.01)
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(21) **BR 11 2012 033629-0 1.1**
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(51) C07F 17/00 (2006.01), B01J 31/12 (2006.01)
(86) PCT EP11/060921 de 29/06/2011
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(21) **BR 11 2012 033630-4 1.1**
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(51) A61M 5/32 (2006.01), A61M 5/28 (2006.01)
(86) PCT EP2011/060321 de 21/06/2011
(87) WO 2012/000837 de 05/01/2012

(21) **BR 11 2012 033634-7 1.1**
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(51) A61M 5/32 (2006.01)
(86) PCT EP11/060324 de 21/06/2011
(87) WO 2012/000839 de 05/01/2012

(21) **BR 11 2012 033637-1 1.1**
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(51) A23L 1/16 (2006.01)
(86) PCT JP11/065199 de 01/07/2011
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(21) **BR 11 2012 033638-0 1.1**
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(51) C21D 6/00 (2006.01), C21D 6/02 (2006.01), C21D 6/04 (2006.01), C21D 8/06 (2006.01), C21D 8/12 (2006.01), C21D 9/26 (2006.01), C21D 9/52 (2006.01), C22C 38/42 (2006.01), C22C 38/44 (2006.01), C22C 38/46 (2006.01), C22C 38/48 (2006.01), C22C 38/50 (2006.01), C22C 38/52 (2006.01), C22C 38/54 (2006.01), C22C 38/58 (2006.01)
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(51) B32B 21/02 (2006.01), B32B 21/08 (2006.01), E04C 2/24 (2006.01), B32B 27/08 (2006.01)
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(21) **BR 11 2012 033641-0 1.1**
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(51) A47J 31/40 (2006.01)
(86) PCT EP11/061010 de 30/06/2011
(87) WO 2012/001106 de 05/01/2012

(21) **BR 11 2012 033642-8 1.1**
(30) 29/06/2010 US 61/359,771
(51) A61B 5/091 (2006.01), A61B 5/093 (2006.01)
(86) PCT CA2011/000774 de 29/06/2011
(87) WO 2012/000101 de 05/01/2012

(21) **BR 11 2012 033643-6 1.1**
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(51) F16D 65/08 (2006.01), F16D 69/04 (2006.01), F16D 51/00 (2006.01)
(86) PCT IB2011/052858 de 29/06/2011
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(21) **BR 11 2012 033645-2 1.1**
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(51) A23L 1/0562 (2006.01), A23L 1/06 (2006.01), A23L 1/187 (2006.01)
(86) PCT US2011/042569 de 30/06/2011
(87) WO 2012/003302 de 05/01/2012

(21) **BR 11 2012 033646-0 1.1**
(30) 29/06/2010 US 61/359,548; 31/05/2011 US 13/149,105
(51) G02B 3/14 (2006.01), G02C 7/08 (2006.01), A61F 2/16 (2006.01)
(86) PCT US11/040732 de 16/06/2011
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(21) **BR 11 2012 033649-5 1.1**
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(51) H01R 4/58 (2006.01), H01R 13/523 (2006.01), E21B 41/00 (2006.01), E21B 43/1185 (2006.01)
(86) PCT EP11/061031 de 30/06/2011
(87) WO 2012/001116 de 05/01/2012

(21) **BR 11 2012 033651-7 1.1**
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(51) A23L 1/29 (2006.01), A61J 15/00 (2006.01)
(86) PCT US2011/042156 de 28/06/2011
(87) WO 2012/006078 de 12/01/2012

(21) **BR 11 2012 033653-3 1.1**
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(51) F15B 21/04 (2006.01)
(86) PCT EP2011/002403 de 14/05/2011
(87) WO 2012/000584 de 05/01/2012

(21) **BR 11 2012 033654-1 1.1**
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(51) B60R 9/10 (2006.01)
(86) PCT US2011/042762 de 01/07/2011
(87) WO 2012/003428 de 05/01/2012

(21) **BR 11 2012 033655-0 1.1**
(30) 02/07/2010 US 12/830,039
(51) E21B 33/13 (2006.01), E21B 33/138 (2006.01)
(86) PCT US2011/042278 de 29/06/2011
(87) WO 2012/003196 de 05/01/2012

(21) **BR 11 2012 033657-6 1.1**
(30) 30/06/2010 US 61/359,963
(51) A61K 9/00 (2006.01), G02C 7/04 (2006.01), A61K 31/135 (2006.01), A61P 27/02 (2006.01)
(86) PCT US11/042404 de 29/06/2011
(87) WO 2012/012184 de 26/01/2012

(21) **BR 11 2012 033658-4 1.1**
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(51) C07D 213/74 (2006.01), C07D 401/14 (2006.01), C07D 471/04 (2006.01), A61P 35/00 (2006.01), A61K 31/444 (2006.01), A61K 31/497 (2006.01), A61K 31/4545 (2006.01), A61K 31/5377 (2006.01), A61K 31/4709 (2006.01), A61K 31/496 (2006.01), A61K 31/506 (2006.01), A61P 29/00 (2006.01), A61P 25/00 (2006.01)
(86) PCT EP11/002788 de 07/06/2011
(87) WO 2012/003912 de 12/01/2012

(21) **BR 11 2012 033659-2 1.1**
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(51) F01N 9/00 (2006.01)
(86) PCT US11/042800 de 01/07/2011
(87) WO 2012/003448 de 05/01/2012

(21) **BR 11 2012 033660-6 1.1**
(30) 29/06/2010 US 61/359,654; 29/06/2010 EP 10 167697.1; 03/08/2010 US 61/370,228
(51) G06K 7/10 (2006.01), G07D 7/12 (2006.01)
(86) PCT EP11/060955 de 29/06/2011
(87) WO 2012/001077 de 05/01/2012

(21) **BR 11 2012 033661-4 1.1**
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(51) A61M 5/32 (2006.01)
(86) PCT EP11/060318 de 21/06/2011
(87) WO 2012/000834 de 05/01/2012

(21) **BR 11 2012 033662-2 1.1**
(51) H02K 1/24 (2006.01), H02K 1/32 (2006.01)
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(87) WO 2012/000544 de 05/01/2012

(21) **BR 11 2012 033663-0 1.1**
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(51) A45D 20/12 (2006.01), A45D 20/10 (2006.01)
(86) PCT US11/040621 de 16/06/2011
(87) WO 2012/012050 de 26/01/2012

(21) **BR 11 2012 033664-9 1.1**
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(51) C12Q 1/04 (2006.01)
(86) PCT US2011/041939 de 27/06/2011
(87) WO 2012/012104 de 26/01/2012

(21) **BR 11 2012 033665-7 1.1**
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(51) B22C 9/02 (2006.01), B22C 9/10 (2006.01), B61F 1/00 (2006.01)
(86) PCT US12/037880 de 15/05/2012
(87) WO 2012/158663 de 22/11/2012

(21) **BR 11 2012 033666-5 1.1**
(30) 28/06/2010 US 61/359,184; 10/03/2011 US 61/451,272
(51) A23L 1/29 (2006.01), A61J 15/00 (2006.01)
(86) PCT US11/042160 de 28/06/2011
(87) WO 2012/006080 de 12/01/2012

(21) **BR 11 2012 033667-3 1.1**
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(51) B60C 15/00 (2006.01)
(86) PCT US11/042313 de 29/06/2011
(87) WO 2012/003203 de 05/01/2012

(21) **BR 11 2012 033668-1 1.1**
(30) 01/07/2010 US 61/360,648
(51) C12N 15/82 (2006.01), C12N 15/55 (2006.01), C12N 9/18 (2006.01)
(86) PCT US2011/042326 de 29/06/2011
(87) WO 2012/003207 de 05/01/2012

(21) **BR 11 2012 033669-0 1.1**
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(51) G01T 1/29 (2006.01)
(86) PCT GB11/051205 de 27/06/2011
(87) WO 2012/001397 de 05/01/2012

(21) **BR 11 2012 033670-3 1.1**
(30) 30/06/2010 KR 10-2010-0063022
(51) D01F 6/62 (2006.01), D01F 1/02 (2006.01)
(86) PCT KR11/004804 de 30/06/2011
(87) WO 2012/002749 de 05/01/2012

(21) **BR 11 2012 033671-1 1.1**
(30) 17/05/2011 US 13/109,866
(51) B22C 9/02 (2006.01), B22C 9/10 (2006.01), B61F 1/00 (2006.01)
(86) PCT US12/037984 de 15/05/2012
(87) WO 2012/158713 de 22/11/2012

(21) **BR 11 2012 033672-0 1.1**
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(51) A23L 2/39 (2006.01)
(86) PCT EP11/054658 de 25/03/2011
(87) WO 2012/000691 de 05/01/2012

(21) **BR 11 2012 033675-4 1.1**
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(51) C07D 307/84 (2006.01), C07D 405/12 (2006.01), A61K 31/343 (2006.01), A61K 31/51 (2006.01), A61P 31/00 (2006.01)
(86) PCT US11/042086 de 28/06/2011
(87) WO 2012/003164 de 05/01/2012

(21) **BR 11 2012 033676-2 1.1**
(30) 29/06/2010 EP 10167692.2
(51) A23P 1/12 (2006.01), A23L 1/00 (2006.01), A21D 13/00 (2006.01)
(86) PCT EP11/060758 de 28/06/2011
(87) WO 2012/000953 de 05/01/2012

(21) **BR 11 2012 033677-0 1.1**
(30) 29/06/2010 US 61/359,534
(51) A23L 1/0522 (2006.01), A23L 1/308 (2006.01), A23P 1/12 (2006.01), C08B 31/00 (2006.01)
(86) PCT US11/042076 de 28/06/2011
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(21) **BR 11 2012 033678-9 1.1**
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(51) F24C 15/20 (2006.01), F24C 15/32 (2006.01), A47L 15/42 (2006.01), A61L 9/22 (2006.01), F25D 17/04 (2006.01)
(86) PCT EP11/003231 de 30/06/2011
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(21) **BR 11 2012 033680-0 1.1**
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(51) B01D 53/14 (2006.01), B01D 53/62 (2006.01), C01B 31/20 (2006.01)
(86) PCT JP11/064820 de 28/06/2011
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(21) **BR 11 2012 033682-7 1.1**
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(51) B22C 9/02 (2006.01), B22C 9/10 (2006.01), B61F 1/00 (2006.01)
(86) PCT US12/037905 de 15/05/2012
(87) WO 2012/158677 de 22/11/2012

(21) **BR 11 2012 033683-5 1.1**
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(51) G02B 6/25 (2006.01)
(86) PCT US11/042256 de 28/06/2011
(87) WO 2012/006127 de 12/01/2012

(21) **BR 11 2012 033684-3 1.1**
(30) 01/07/2010 US 61/360,789
(51) C07C 1/00 (2006.01)
(86) PCT US11/042871 de 01/07/2011
(87) WO 2012/003490 de 05/01/2012

(21) **BR 11 2012 033685-1 1.1**
(51) B24B 39/04 (2006.01), B21H 1/08 (2006.01), B23P 9/02 (2006.01)
(86) PCT DE10/000771 de 01/07/2010
(87) WO 2012/000463 de 05/01/2012

(21) **BR 11 2012 033686-0 1.1**
(30) 02/07/2010 EP 10168315.9
(51) A61M 5/32 (2006.01)
(86) PCT EP11/060317 de 21/06/2011
(87) WO 2012/000833 de 05/01/2012

(21) **BR 11 2012 033687-8 1.1**
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(51) E21B 34/14 (2006.01), E21B 34/10 (2006.01)
(86) PCT US11/040004 de 10/06/2011
(87) WO 2012/005869 de 12/01/2012

(21) **BR 11 2012 033688-6 1.1**
(51) F16H 57/04 (2010.01), B01D 17/02 (2006.01), B01D 35/04 (2006.01), B25J 9/10 (2006.01), B25J 19/00 (2006.01), F16N 29/04 (2006.01), F16N 39/06 (2006.01), G01N 33/28 (2006.01)
(86) PCT EP10/059192 de 29/06/2010
(87) WO 2012/000539 de 05/01/2012

(21) **BR 11 2012 033689-4 1.1**
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(51) C07D 215/06 (2006.01), C07D 215/14 (2006.01), C07D 215/18 (2006.01), C07D 215/38 (2006.01), C07D 215/48 (2006.01), C07D 401/04 (2006.01), C07D 401/12 (2006.01), C07D 405/04 (2006.01), C07D 413/04 (2006.01), C07D 417/04 (2006.01), C07D 487/04 (2006.01), C07D 519/00 (2006.01), C07D 215/227 (2006.01), A61P 31/18 (2006.01), A61K 31/47 (2006.01)
(86) PCT US11/042881 de 01/07/2011
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(21) **BR 11 2012 033690-8 1.1**
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(51) C07C 233/58 (2006.01), C07C 233/59 (2006.01), C07C 233/60 (2006.01), C07D 307/30 (2006.01), C07D 333/38 (2006.01), C07D 333/58 (2006.01), A61K 31/167 (2006.01)
(86) PCT EP11/061128 de 01/07/2011
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(21) **BR 11 2012 033691-6 1.1**
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(51) G06Q 50/00 (2006.01)
(86) PCT US2011/042487 de 30/06/2011
(87) WO 2012/003255 de 05/01/2012

(21) **BR 11 2012 033693-2 1.1**
(30) 29/06/2010 US 61/359,736; 17/08/2010 US 61/374,514; 08/11/2010 US 61/411,324
(51) H04L 12/46 (2006.01), H04L 29/12 (2006.01)
(86) PCT US2011/042467 de 29/06/2011
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(21) **BR 11 2012 033694-0 1.1**
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(51) A01N 43/76 (2006.01), A01N 43/78 (2006.01), A01N 43/836 (2006.01), A01P 7/04 (2006.01), A01N 43/82 (2006.01)
(86) PCT EP2011/060629 de 24/06/2011
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(51) A61K 51/00 (2006.01), A61M 36/14 (2006.01)
(86) PCT US2011/039700 de 09/06/2011
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(51) B65H 31/14 (2006.01), G07D 9/00 (2006.01)
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(21) **BR 11 2012 033697-5 1.1**
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(51) G07D 9/00 (2006.01), G07D 7/00 (2006.01), G07D 7/20 (2006.01)
(86) PCT JP2011/067243 de 28/07/2011
(87) WO 2012/049902 de 19/04/2012

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(51) G08B 17/06 (2006.01)
(86) PCT US2011/041627 de 23/06/2011
(87) WO 2012/012083 de 26/01/2012

(21) **BR 11 2012 033699-1 1.1**
(30) 29/06/2010 EP 10167776.3; 29/06/2010 US 61/359,596
(51) C07K 14/37 (2006.01), C12N 9/24 (2006.01), C12N 9/42 (2006.01), C12N 15/82 (2006.01), C12P 19/02 (2006.01)
(86) PCT EP2011/060573 de 23/06/2011
(87) WO 2012/000890 de 05/01/2012

(21) **BR 11 2012 033700-9 1.1**
(30) 29/06/2010 US 61/359,606
(51) E21B 10/14 (2006.01), E21B 10/16 (2006.01)
(86) PCT US2011/042437 de 29/06/2011
(87) WO 2012/006182 de 12/01/2012

(21) **BR 11 2012 033701-7 1.1**
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(51) C12N 9/24 (2006.01), C12P 19/14 (2006.01)
(86) PCT EP2011/060576 de 23/06/2011
(87) WO 2012/000891 de 05/01/2012

(21) **BR 11 2012 033702-5 1.1**
(30) 28/06/2010 ES P201000838
(51) H02K 1/27 (2006.01), H02K 1/28 (2006.01)
(86) PCT ES2011/000192 de 08/06/2011
(87) WO 2012/001184 de 05/01/2012

(21) **BR 11 2012 033703-3 1.1**
(30) 29/06/2010 EP 10167772.2; 29/06/2010 US 61/359,567
(51) C07K 14/37 (2006.01), C12N 9/24 (2006.01), C12N 9/42 (2006.01), C12N 15/82 (2006.01), C12P 19/02 (2006.01)
(86) PCT EP2011/060568 de 23/06/2011
(87) WO 2012/000886 de 05/01/2012

(21) **BR 11 2012 033704-1 1.1**
(30) 30/06/2010 AE 2010/724-P
(51) C09D 1/00 (2006.01), C09D 7/12 (2006.01), B05D 7/00 (2006.01), C09D 123/08 (2006.01), E04D 5/10 (2006.01), E04D 11/02 (2006.01)
(86) PCT EP2011/060806 de 28/06/2011
(87) WO 2012/000987 de 05/01/2012

(21) **BR 11 2012 033705-0 1.1**
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(51) H04W 88/08 (2009.01)
(86) PCT CN2011/078894 de 25/08/2011
(87) WO 2012/083718 de 28/06/2012

(21) **BR 11 2012 033706-8 1.1**
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(51) B65D 83/14 (2006.01)
(86) PCT EP2011/062854 de 26/07/2011
(87) WO 2012/016887 de 09/02/2012

(21) **BR 11 2012 033707-6 1.1**
(30) 01/07/2010 FR 1055275
(51) A23L 2/42 (2006.01), A23L 2/52 (2006.01), A23L 2/76 (2006.01), A23L 3/34 (2006.01), A23L 3/3409 (2006.01), B01D 19/00 (2006.01)
(86) PCT EP2011/060636 de 24/06/2011
(87) WO 2012/000903 de 05/01/2012

(21) **BR 11 2012 033708-4 1.1**
(30) 29/06/2010 US 61/398,631
(51) A23L 2/54 (2006.01), B01F 3/04 (2006.01)
(86) PCT US2011/042374 de 29/06/2011
(87) WO 2012/006157 de 12/01/2012

(21) **BR 11 2012 033709-2 1.1**
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(51) A61M 1/16 (2006.01), A61M 1/36 (2006.01)
(86) PCT EP2011/003152 de 27/06/2011
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(21) **BR 11 2012 033710-6 1.1**
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(51) D03D 11/00 (2006.01), D03D 15/00 (2006.01)
(86) PCT US2011/032141 de 12/04/2011
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(21) **BR 11 2012 033711-4 1.1**
(30) 29/12/2010 CL 1609-2010
(51) D21C 11/00 (2006.01), D21C 9/08 (2006.01)
(86) PCT CL2011/000079 de 14/12/2011
(87) WO 2012/088619 de 05/07/2012

(21) **BR 11 2012 033714-9 1.1**
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(51) C12N 9/18 (2006.01)
(86) PCT EP2011/060571 de 23/06/2011
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(21) **BR 11 2012 033715-7 1.1**
(30) 02/07/2010 US 61/361,080
(51) C07D 409/14 (2006.01), C07D 417/14 (2006.01), A61K 31/4196 (2006.01), A61K 31/427 (2006.01), A61K 31/4427 (2006.01), A61P 9/00 (2006.01), A61P 29/00 (2006.01), A61P 37/00 (2006.01)
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(51) H04W 4/00 (2009.01)
(86) PCT CN2011/070433 de 20/01/2011
(87) WO 2011/085702 de 21/07/2011

(21) **BR 11 2012 033718-1 1.1**
(30) 06/07/2010 US 61/361,722
(51) A61J 1/05 (2006.01), A61J 1/14 (2006.01), A61J 1/20 (2006.01)
(86) PCT US2011/042510 de 30/06/2011
(87) WO 2012/006204 de 12/01/2012

(21) **BR 11 2012 033724-6 1.1**
(30) 02/07/2010 FR 1055383
(51) B64D 15/12 (2006.01), H02P 9/46 (2006.01)
(86) PCT FR2011/051514 de 29/06/2011
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(21) **BR 11 2012 033725-4 1.1**
(30) 02/07/2010 FR 1055360
(51) F04D 29/02 (2006.01), F04D 29/38 (2006.01), B64C 11/26 (2006.01), F01D 5/28 (2006.01)
(86) PCT FR2011/051474 de 24/06/2011
(87) WO 2012/001279 de 05/01/2012

(21) **BR 11 2012 033726-2 1.1**
(30) 30/06/2010 US 61/360,235
(51) E21B 43/16 (2006.01), E21B 43/01 (2006.01), E21B 43/36 (2006.01)
(86) PCT US2011/041965 de 27/06/2011
(87) WO 2012/012111 de 26/01/2012

(21) **BR 11 2012 033727-0 1.1**
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(51) C12N 5/0783 (2010.01)
(86) PCT IB2011/002269 de 30/06/2011
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(21) **BR 11 2012 033728-9 1.1**
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(51) A61M 35/00 (2006.01), A61L 2/18 (2006.01), A61L 2/26 (2006.01), A61B 19/00 (2006.01)
(86) PCT US2011/040146 de 13/06/2011
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(21) **BR 11 2012 033729-7 1.1**
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(51) A61M 5/32 (2006.01)
(86) PCT EP2011/003162 de 28/06/2011
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(21) **BR 11 2012 033730-0 1.1**
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(51) G01V 9/00 (2006.01), E21B 47/01 (2006.01), G01B 7/00 (2006.01)
(86) PCT US2011/041279 de 21/06/2011
(87) WO 2012/003115 de 05/01/2012

(21) **BR 11 2012 033732-7 1.1**
(30) 19/07/2010 GB 1012090.5
(51) A24B 15/30 (2006.01)
(86) PCT GB2011/051352 de 19/07/2011
(87) WO 2012/010880 de 26/01/2012

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(30) 01/07/2010 JP 2010-151334; 23/05/2011 JP 2011-114337
(51) G06T 7/60 (2006.01), G06T 1/00 (2006.01), G08G 1/16 (2006.01), H04N 5/225 (2006.01), H04N 5/232 (2006.01)
(86) PCT JP2011/065238 de 27/06/2011
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(21) **BR 11 2012 033734-3 1.1**
(30) 28/06/2010 ES P201031000
(51) D21C 9/10 (2006.01)
(86) PCT ES2011/070461 de 27/06/2011
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(21) **BR 11 2012 033735-1 1.1**
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(51) C09D 11/00 (2006.01), B41J 2/01 (2006.01), B41M 5/00 (2006.01)
(86) PCT JP2011/064189 de 15/06/2011
(87) WO 2012/002198 de 05/01/2012

(21) **BR 11 2012 033736-0 1.1**
(30) 02/07/2010 GB 1011182.1
(51) E21B 47/09 (2006.01), E21B 47/01 (2006.01), E21B 47/04 (2006.01), E21B 17/01 (2006.01)
(86) PCT GB2011/000979 de 30/06/2011
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(21) **BR 11 2012 033737-8 1.1**
(30) 21/07/2010 US 61/366443; 21/07/2010 US 61/366446
(51) F17C 5/02 (2006.01), B65G 5/00 (2006.01), F17C 6/00 (2006.01), F17C 13/00 (2006.01)
(86) PCT US11/040751 de 16/06/2011
(87) WO 2012/012057 de 26/01/2012

(21) **BR 11 2012 033740-8 1.1**
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(51) G06Q 20/00 (2006.01)
(86) PCT US11/041495 de 22/06/2011
(87) WO 2012/005954 de 12/01/2012

(21) **BR 11 2012 033741-6 1.1**
(30) 29/06/2010 FR 1055231
(51) B05D 7/00 (2006.01), B05B 13/02 (2006.01), B05B 13/04 (2006.01), B05D 3/04 (2006.01), B05D 3/06 (2006.01), B05D 3/02 (2006.01)
(86) PCT FR2011/051521 de 29/06/2011
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(21) **BR 11 2012 033742-4 1.1**
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(51) C08F 236/06 (2006.01)
(86) PCT US2011/042146 de 28/06/2011
(87) WO 2012/012133 de 26/01/2012

(21) **BR 11 2012 033744-0 1.1**
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(51) C09J 5/08 (2006.01), C08J 9/00 (2006.01), C08J 9/12 (2006.01)
(86) PCT US2011/039212 de 06/06/2011
(87) WO 2012/005845 de 12/01/2012

(21) **BR 11 2012 033745-9 1.1**
(30) 09/07/2012 US 12/833032
(51) C09K 8/46 (2006.01), C04B 24/28 (2006.01), C04B 28/00 (2006.01)
(86) PCT GB11/001029 de 07/07/2011
(87) WO 2012/004568 de 12/01/2012

(21) **BR 11 2012 033746-7 1.1**
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(51) A47F 1/00 (2006.01)
(86) PCT US2011/042324 de 29/06/2011
(87) WO 2012/003206 de 05/01/2012

(21) **BR 11 2012 033747-5 1.1**
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(51) F03C 4/00 (2006.01)
(86) PCT US2011/042493 de 30/06/2011
(87) WO 2012/003258 de 05/01/2012

(21) **BR 11 2012 033748-3 1.1**
(30) 09/07/2010 US 12/833030
(51) C09K 8/46 (2006.01), C04B 24/28 (2006.01), C04B 28/00 (2006.01)
(86) PCT GB2011/001030 de 07/07/2011
(87) WO 2012/004569 de 12/01/2012

(21) **BR 11 2012 033749-1 1.1**
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(51) F03D 11/00 (2006.01)
(86) PCT JP2011/064307 de 22/06/2011
(87) WO 2012/002230 de 05/01/2012

(21) **BR 11 2012 033750-5 1.1**
(30) 02/07/2010 US 61361104; 29/03/2011 US 13074791
(51) B65D 81/05 (2006.01)
(86) PCT US2011/037266 de 20/05/2011
(87) WO 2012/003054 de 05/01/2012

(21) **BR 11 2012 033751-3 1.1**
(30) 02/07/2010 US 61/360969
(51) A61K 39/02 (2006.01), C12R 1/01 (2006.01), C12N 5/078 (2010.01)
(86) PCT US2011/042323 de 29/06/2011
(87) WO 2012/003205 de 05/01/2012

(21) **BR 11 2012 033752-1 1.1**
(30) 02/07/2010 JP 2010151726
(51) H01R 13/42 (2006.01)
(86) PCT JP2011/064788 de 28/06/2011
(87) WO 2012/002376 de 05/01/2012

(21) **BR 11 2012 033753-0 1.1**
(30) 30/06/2010 JP 2010150044
(51) B60L 9/18 (2006.01), B60W 10/08 (2006.01), B60W 20/00 (2006.01)
(86) PCT JP2011/061054 de 13/05/2011
(87) WO 2012/002050 de 05/01/2012

(21) **BR 11 2012 033755-6 1.1**
(51) A61K 33/18 (2006.01), A61K 31/74 (2006.01), A61K 31/13 (2006.01)
(86) PCT US2010/040483 de 29/06/2010
(87) WO 2012/002943 de 05/01/2012

(21) **BR 11 2012 033756-4 1.1**
(30) 30/06/2010 US 61359933
(51) C12Q 1/04 (2006.01), C12M 1/14 (2006.01), C12M 1/34 (2006.01), C12M 3/04 (2006.01)
(86) PCT US2011/041943 de 27/06/2011
(87) WO 2012/012106 de 26/01/2012

(21) **BR 11 2012 033757-2 1.1**
(30) 29/06/2010 US 61359476
(51) A42B 3/00 (2006.01), A61F 7/02 (2006.01)
(86) PCT US2011/042440 de 29/06/2011
(87) WO 2012/006184 de 12/01/2012

(21) **BR 11 2012 033758-0 1.1**
(30) 28/06/2010 US 61359016
(51) G01M 3/36 (2006.01)
(86) PCT MX2011/000078 de 28/06/2011
(87) WO 2012/002792 de 05/01/2012

(21) **BR 11 2012 033759-9 1.1**
(30) 06/08/2010 IT MI2010A001524; 08/09/2010 US 61/380902
(51) B60C 9/20 (2006.01), B60C 9/00 (2006.01)
(86) PCT IB2011/053457 de 03/08/2011
(87) WO 2012/017399 de 09/02/2012

(21) **BR 11 2012 033761-0 1.1**
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(51) C10M 113/00 (2006.01), C10M 117/02 (2006.01), C10M 117/04 (2006.01), C10M 117/06 (2006.01), C10M 117/08 (2006.01), C10M 177/00 (2006.01), C10N 20/06 (2006.01), C10N 30/06 (2006.01), C10N 40/02 (2006.01), C10N 40/04 (2006.01), C10N 50/10 (2006.01)
(86) PCT EP2011/061097 de 01/07/2011
(87) WO 2012/004198 de 12/01/2012

(21) **BR 11 2012 033762-9 1.1**
(30) 29/06/2010 US 61398626
(51) A61F 2/16 (2006.01), A61F 9/00 (2006.01), A61F 9/007 (2006.01)
(86) PCT US2011/042446 de 29/06/2011
(87) WO 2012/006186 de 12/01/2012

(21) **BR 11 2012 033763-7 1.1**
(30) 01/07/2010 GB 10110963
(51) A61B 3/00 (2006.01), A61B 3/12 (2006.01), A61F 9/00 (2006.01), G02B 26/12 (2006.01), G02B 27/00 (2006.01)
(86) PCT GB2011/051037 de 02/06/2011
(87) WO 2012/001381 de 05/01/2012

(21) **BR 11 2012 033764-5 1.1**
(30) 30/06/2010 SE 1050718-4
(51) B61D 9/14 (2006.01), B61D 9/06 (2006.01), B61D 9/08 (2006.01), B61F 1/02 (2006.01)
(86) PCT SE2011/000125 de 29/06/2011
(87) WO 2012/002873 de 05/01/2012

(21) **BR 11 2012 033765-3 1.1**
(30) 02/07/2010 IT TO2010A000569
(51) B60H 1/00 (2006.01)
(86) PCT EP2011/060997 de 30/06/2011
(87) WO 2012/001095 de 05/01/2012

(21) **BR 11 2012 033767-0 1.1**
(30) 08/07/2010 GB 1011502.0
(51) C12N 7/02 (2006.01)
(86) PCT EP2011/061446 de 06/07/2011
(87) WO 2012/004323 de 12/01/2012

(21) **BR 11 2012 033768-8 1.1**
(30) 01/07/2010 GB 10110948
(51) A61B 3/12 (2006.01), A61F 9/007 (2006.01), G02B 26/10 (2006.01), G02B 27/00 (2006.01), A61B 3/00 (2006.01)
(86) PCT GB2011/051039 de 02/06/2011
(87) WO 2012/001383 de 05/01/2012

(21) **BR 11 2012 033769-6 1.1**
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(51) B23K 26/20 (2006.01), B23K 26/08 (2006.01), B23K 26/42 (2006.01)
(86) PCT CA2011/000781 de 04/07/2011
(87) WO 2012/000106 de 05/01/2012

(21) **BR 11 2012 033770-0 1.1**
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(51) C07D 213/82 (2006.01), A61K 31/44 (2006.01), A61K 31/443 (2006.01), A61K 31/4439 (2006.01), A61K 31/444 (2006.01), A61K 31/4545 (2006.01), A61K 31/4709 (2006.01), A61K 31/496 (2006.01), A61K 31/498 (2006.01), A61K 31/4985 (2006.01), A61K 31/506 (2006.01), A61K 31/517 (2006.01), A61K 31/5377 (2006.01), A61K 31/5383 (2006.01), A61P 7/00 (2006.01), A61P 29/00 (2006.01), A61P 37/00 (2006.01), A61P 43/00 (2006.01), C07D 215/40 (2006.01), C07D 401/04 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 405/14 (2006.01), C07D 409/12 (2006.01), C07D 409/14 (2006.01), C07D 413/12 (2006.01), C07D 413/14 (2006.01), C07D 417/12 (2006.01), C07D 417/14 (2006.01), C07D 471/04 (2006.01), C07D 491/048 (2006.01), C07D 491/056 (2006.01), C07D 491/107 (2006.01), C07D 498/04 (2006.01), C07D 513/04 (2006.01)
(86) PCT JP2011/065530 de 30/06/2011
(87) WO 2012/002577 de 05/01/2012

(21) **BR 11 2012 033771-8 1.1**
(30) 16/08/2010 JP 2010-181820; 15/09/2010 JP 2010-207054
(51) G06F 13/00 (2006.01), G06F 3/0481 (2013.01), G06F 3/0488 (2013.01)
(86) PCT JP2011/064818 de 28/06/2011
(87) WO 2012/023346 de 23/02/2012

(21) **BR 11 2012 033772-6 1.1**
(51) H02M 3/155 (2006.01), H02M 1/08 (2006.01)
(86) PCT US2010/043918 de 30/07/2010
(87) WO 2012/015427 de 02/02/2012

(21) **BR 11 2012 033773-4 1.1**
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(51) A01N 25/02 (2006.01), A01N 53/00 (2006.01), A01N 43/70 (2006.01), A01N 43/653 (2006.01), A01N 43/40 (2006.01), A01N 37/22 (2006.01), A01N 33/18 (2006.01)
(86) PCT EP2011/061871 de 12/07/2011
(87) WO 2012/010467 de 26/01/2012

(21) **BR 11 2012 033775-0 1.1**
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(51) A61M 5/50 (2006.01)
(86) PCT US2011/042628 de 30/06/2011
(87) WO 2012/003343 de 05/01/2012

(21) **BR 11 2012 033776-9 1.1**
(30) 12/07/2010 NO 20101001; 24/11/2010 US 61/416788; 26/11/2010 NO 20101660; 31/03/2011 NO 20110499
(51) A61K 49/04 (2006.01)
(86) PCT EP2011/061843 de 12/07/2011
(87) WO 2012/007456 de 19/01/2012

(21) **BR 11 2012 033777-7 1.1**
(30) 29/06/2010 US 61/359502; 29/06/2011 US 13/172386
(51) F28F 3/14 (2006.01)
(86) PCT US2011/042439 de 29/06/2011
(87) WO 2012/006183 de 12/01/2012

(21) **BR 11 2012 033778-5 1.1**
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(51) F02C 7/143 (2006.01), F02C 9/16 (2006.01), F02C 9/18 (2006.01), F01D 15/08 (2006.01), F04D 25/02 (2006.01), F04D 25/16 (2006.01)
(86) PCT FI2011/050631 de 04/07/2011
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(51) H01J 49/26 (2006.01), G01N 27/64 (2006.01)

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(21) **BR 11 2012 033781-5 1.1**
(30) 16/07/2010 GB 1011939.4; 17/09/2010 GB 1015563.8; 20/09/2010 GB 1015705.5; 21/09/2010 GB 1015815.2; 23/09/2010 GB 1015952.3; 03/12/2010 GB 1020535.9; 18/01/2011 GB 1100759.8; 18/01/2011 GB 1100753.1; 25/01/2011 GB 1101278.8; 25/01/2011 GB 1101279.6; 18/02/2011 GB 1102847.9; 09/05/2011 GB 1107588.4
(51) G10K 11/20 (2006.01)
(86) PCT GB2011/051298 de 11/07/2011
(87) WO 2012/007742 de 19/01/2012

(21) **BR 11 2012 033783-1 1.1**
(30) 30/06/2010 US 61/360041; 05/10/2010 US 61/389960; 07/01/2011 US 61/430641; 24/03/2011 US 61/467097; 20/06/2011 US 61/498954
(51) G01N 33/53 (2006.01), G01N 27/26 (2006.01), C12Q 1/68 (2006.01), G01N 35/00 (2006.01)
(86) PCT US2011/042637 de 30/06/2011
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(21) **BR 11 2012 033784-0 1.1**
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(51) C08G 18/09 (2006.01), C08G 18/18 (2006.01), C09D 175/04 (2006.01)
(86) PCT EP2011/060982 de 30/06/2011
(87) WO 2012/004180 de 12/01/2012

(21) **BR 11 2012 033785-8 1.1**
(51) G02B 6/00 (2006.01), H02G 15/08 (2006.01), H02G 15/10 (2006.01), H02G 15/18 (2006.01)
(86) PCT CN2010/074946 de 02/07/2010
(87) WO 2012/000205 de 05/01/2012

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(51) H04L 29/08 (2006.01)
(86) PCT CN2011/074978 de 31/05/2011
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(51) C04B 7/02 (2006.01)
(86) PCT IB2011/001376 de 17/06/2011
(87) WO 2011/158105 de 22/12/2011

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(51) B65D 85/804 (2006.01)
(86) PCT NL2011/050442 de 20/06/2011
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(51) A61K 9/70 (2006.01), A61K 47/10 (2006.01), A61K 47/36 (2006.01), D04H 1/42 (2006.01)
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(51) B24D 11/00 (2006.01), B24D 18/00 (2006.01)
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(51) C11D 17/04 (2006.01), D01F 1/10 (2006.01)
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(21) **BR 11 2013 000106-2 1.1**
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(51) B29C 43/00 (2006.01), C08J 5/18 (2006.01)
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(21) **BR 11 2013 000107-0 1.1**
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(51) C07D 487/04 (2006.01), C07D 493/14 (2006.01), C07D 495/14 (2006.01), C07D 498/14 (2006.01), A61K 31/517 (2006.01), A61P 35/00 (2006.01)
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(51) C11D 1/06 (2006.01), C11D 1/37 (2006.01), C11D 3/386 (2006.01)
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(51) C11D 1/06 (2006.01), C11D 3/386 (2006.01)
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(51) D21H 21/28 (2006.01), D21H 21/30 (2006.01), D21H 21/32 (2006.01)
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(51) C11D 1/06 (2006.01), C11D 3/386 (2006.01)
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(51) D06F 33/02 (2006.01), D06F 39/08 (2006.01)
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(51) A61K 31/415 (2006.01), A61K 31/197 (2006.01), A61K 45/00 (2006.01), A61P 25/04 (2006.01), A61P 43/00 (2006.01)
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(51) A61B 3/12 (2006.01)
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(51) C08L 33/12 (2006.01), C08L 97/02 (2006.01)
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(51) C08L 33/12 (2006.01), C08L 97/02 (2006.01)
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(21) **BR 11 2013 000172-0 1.1**
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(21) **BR 11 2013 000175-5 1.1**
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(21) **BR 11 2013 000183-6 1.1**
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(51) B60L 9/30 (2006.01), H02M 1/10 (2006.01), H02M 5/45 (2006.01), H02M 5/458 (2006.01), H02P 27/04 (2006.01), H02P 27/06 (2006.01)
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(51) B60L 11/18 (2006.01), H02J 7/00 (2006.01)
(86) PCT NL2011/050477 de 04/07/2011
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(21) **BR 11 2013 000186-0 1.1**
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(51) E21B 47/01 (2006.01), E21B 23/00 (2006.01), E21B 19/00 (2006.01)
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(21) **BR 11 2013 000189-5 1.1**
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(51) C07D 491/048 (2006.01), C07D 495/04 (2006.01), A61K 31/496 (2006.01), A61P 25/18 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 25/30 (2006.01)
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(51) G06F 3/01 (2006.01), A61B 5/00 (2006.01), H04M 1/725 (2006.01)
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(21) **BR 11 2013 000218-2 1.1**
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(86) PCT GB2011/000977 de 29/06/2011
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(51) C12P 21/02 (2006.01), C12N 15/67 (2006.01), C12N 1/15 (2006.01), C12N 5/10 (2006.01)
(86) PCT EP2011/061241 de 04/07/2011
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(21) **BR 11 2013 000221-2 1.1**
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(51) A23L 1/212 (2006.01), A23L 1/275 (2006.01), A23L 3/3454 (2006.01), A23B 7/14 (2006.01)
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(51) A47J 45/07 (2006.01)
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(21) **BR 11 2013 000226-3 1.1**
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(51) A45D 34/04 (2006.01), A45D 40/26 (2006.01)
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(21) **BR 11 2013 000229-8 1.1**
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(51) F16D 3/84 (2006.01)
(86) PCT US11/001065 de 10/06/2011
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(21) **BR 11 2013 000236-0 1.1**
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(51) C07D 255/02 (2006.01), C07D 403/06 (2006.01)
(86) PCT CN11/001104 de 05/06/2011
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(21) **BR 11 2013 000237-9 1.1**
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(51) C12N 1/20 (2006.01), C12P 7/06 (2006.01), C12P 7/18 (2006.01)
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(21) **BR 11 2013 000238-7 1.1**
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(86) PCT FR2011/051594 de 05/07/2011
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(21) **BR 11 2013 000239-5 1.1**
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(51) G01D 11/24 (2006.01)
(86) PCT US11/042939 de 05/07/2011
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(21) **BR 11 2013 000240-9 1.1**
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(51) F03D 9/00 (2006.01), H02K 7/18 (2006.01), F03D 7/02 (2006.01), F03D 7/04 (2006.01)
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(51) A61K 8/34 (2006.01)
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(21) **BR 11 2013 000242-5 1.1**
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(51) C09K 5/02 (2006.01)
(86) PCT US11/042520 de 30/06/2011
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(21) **BR 11 2013 000244-1 1.1**
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(86) PCT US11/043105 de 06/07/2011
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(21) **BR 11 2013 000245-0 1.1**
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(51) C07D 401/04 (2006.01), C07D 401/14 (2006.01), C07D 403/04 (2006.01), C07D 471/04 (2006.01), A61K 31/517 (2006.01), A61K 31/519 (2006.01), A61P 31/14 (2006.01)
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(21) **BR 11 2013 000246-8 1.1**
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(51) H04L 25/02 (2006.01), H04B 7/06 (2006.01), H04L 1/00 (2006.01), H04L 25/03 (2006.01), H04L 5/00 (2006.01)
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(51) A61C 1/00 (2006.01), A61C 1/08 (2006.01), A61B 18/20 (2006.01)
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(51) C07C 59/72 (2006.01), C07C 255/54 (2006.01), C07D 213/64 (2006.01), C07D 213/65 (2006.01), C07D 305/06 (2006.01), A61K 31/4439 (2006.01), A61K 31/426 (2006.01), A61K 31/421 (2006.01), A61K 31/34 (2006.01), A61K 31/381 (2006.01), A61K 31/192 (2006.01)
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(21) **BR 11 2013 000249-2 1.1**
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(51) C07D 471/10 (2006.01), A61K 31/435 (2006.01), A61P 3/00 (2006.01)
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(21) **BR 11 2013 000253-0 1.1**
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(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 405/14 (2006.01), C07D 413/14 (2006.01), A61K 31/4439 (2006.01), A61P 25/00 (2006.01)
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(21) **BR 11 2013 000254-9 1.1**
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(51) C07D 209/44 (2006.01), C07D 217/16 (2006.01), C07D 401/06 (2006.01), C07D 401/10 (2006.01), C07D 401/12 (2006.01), C07D 405/04 (2006.01), C07D 405/06 (2006.01), C07D 409/06 (2006.01), C07D 413/06 (2006.01), A61K 31/4035 (2006.01), A61K 31/472 (2006.01)
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(21) **BR 11 2013 000255-7 1.1**
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(51) C07C 59/64 (2006.01), C07C 255/54 (2006.01), C07D 213/65 (2006.01), A61K 31/192 (2006.01), A61K 31/44 (2006.01)
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(51) E02B 17/00 (2006.01), E02B 17/02 (2006.01), B63B 35/44 (2006.01)
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(51) C08G 18/44 (2006.01), C08G 18/48 (2006.01), C08G 18/50 (2006.01), C08G 71/04 (2006.01), C08G 64/34 (2006.01), C08G 65/26 (2006.01)
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(51) C25B 3/04 (2006.01), B01J 31/02 (2006.01), G01N 33/00 (2006.01), C25B 1/00 (2006.01), C25B 3/00 (2006.01), H01M 4/90 (2006.01), H01M 4/92 (2006.01), H01M 4/86 (2006.01)
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(51) C12N 15/82 (2006.01), C07K 14/325 (2006.01), A01N 63/00 (2006.01)
(86) PCT US2011/042932 de 05/07/2011
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(51) F25J 3/00 (2006.01)
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(51) C22C 38/00 (2006.01), C22C 38/42 (2006.01), C22C 38/44 (2006.01), C22C 38/58 (2006.01), C21D 8/02 (2006.01)
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(51) B01D 53/14 (2006.01), B01J 20/02 (2006.01), B01J 20/04 (2006.01), B01J 20/30 (2006.01), B01J 21/00 (2006.01), B01J 23/00 (2006.01), B01J 37/03 (2006.01), B01J 37/08 (2006.01), B01J 37/16 (2006.01)
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(51) H04R 5/02 (2006.01), H04S 5/02 (2006.01)
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(51) C08F 2/00 (2006.01), C08L 33/02 (2006.01), A61K 8/72 (2006.01)
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(51) C07D 401/14 (2006.01), A61K 31/506 (2006.01), A61K 31/5377 (2006.01), A61K 31/541 (2006.01), A61P 3/04 (2006.01), A61P 3/06 (2006.01), A61P 9/10 (2006.01), A61P 43/00 (2006.01)
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(21) **BR 11 2013 000392-8 1.1**
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(51) A61K 39/155 (2006.01), A61K 39/245 (2006.01), C12N 15/86 (2006.01), C12N 15/88 (2006.01)
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(51) A61K 39/145 (2006.01), A61K 47/06 (2006.01)
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(51) C08F 4/6592 (2006.01), C08F 10/00 (2006.01)
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(21) **BR 11 2013 000398-7 1.1**
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(51) A61C 1/08 (2006.01), A61C 13/12 (2006.01), A61C 13/00 (2006.01)
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(86) PCT FR2011/051579 de 05/07/2011
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(51) F03D 1/00 (2006.01), F03D 7/04 (2006.01)
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(51) A61M 15/00 (2006.01)
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(21) **BR 11 2013 000404-5 1.1**
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(51) B23K 9/02 (2006.01), B23K 9/028 (2006.01), B23K 9/08 (2006.01), B23K 35/38 (2006.01)
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(51) E21B 34/06 (2006.01), E21B 34/12 (2006.01), E21B 34/14 (2006.01), E21B 43/12 (2006.01)
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(51) B02C 18/18 (2006.01), B02C 13/28 (2006.01), B02C 18/14 (2006.01)
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(21) **BR 11 2013 000409-6 1.1**
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(51) C08L 7/00 (2006.01), C08L 9/00 (2006.01), C08K 3/36 (2006.01)
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(51) G01C 15/00 (2006.01), G01C 1/04 (2006.01)
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(21) **BR 11 2013 000411-8 1.1**
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(51) C08L 7/00 (2006.01), C08L 9/00 (2006.01), C08K 3/04 (2006.01), C08K 3/36 (2006.01), C08K 5/01 (2006.01)
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(51) A01N 43/38 (2006.01), A61K 31/40 (2006.01), A61K 31/405 (2006.01)
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(51) G01N 13/04 (2006.01)
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(51) F16L 41/06 (2006.01), F16L 41/12 (2006.01), F16L 55/172 (2006.01)
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(51) C09K 11/06 (2006.01), H05B 33/14 (2006.01), H05B 33/22 (2006.01), C07F 3/06 (2006.01), H01L 51/50 (2006.01)
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(51) G01N 29/07 (2006.01), F16L 58/10 (2006.01), F17D 5/06 (2006.01), G01M 3/24 (2006.01)
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(51) F02B 1/12 (2006.01), F02B 3/06 (2006.01), F02D 43/00 (2006.01)
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(51) C07D 311/82 (2006.01), A61K 8/49 (2006.01), A61K 31/352 (2006.01), A61P 29/00 (2006.01)
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(51) G01N 33/574 (2006.01), G01N 33/15 (2006.01), C12Q 1/02 (2006.01), C12N 5/09 (2010.01)
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(51) G06F 17/30 (2006.01), G06F 17/40 (2006.01)
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(51) H04W 74/08 (2009.01), H04W 16/26 (2009.01)
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(51) C07D 487/04 (2006.01), A61K 31/519 (2006.01), A61K 31/522 (2006.01), A61P 9/00 (2006.01)
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(51) B22D 19/02 (2006.01), C22C 33/02 (2006.01), C22C 47/08 (2006.01), B22F 3/11 (2006.01), B22F 3/26 (2006.01), C22C 1/04 (2006.01), C22C 1/05 (2006.01), C22C 29/00 (2006.01), C22C 29/08 (2006.01), C22C 29/10 (2006.01)
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(51) C07D 487/04 (2006.01), C07D 491/04 (2006.01), C07D 498/04 (2006.01), C07D 513/04 (2006.01), A61P 25/28 (2006.01), A61K 31/429 (2006.01), A61K 31/4355 (2006.01), A61K 31/4365 (2006.01), A61K 31/437 (2006.01), A61K 31/55 (2006.01)
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(51) A23L 1/00 (2006.01), A61K 8/64 (2006.01)
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(51) A23L 1/31 (2006.01)
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(21) **BR 11 2013 000684-6 1.1**
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(51) H01M 10/04 (2006.01), H01M 2/20 (2006.01), H01M 2/10 (2006.01)
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(51) C09D 169/00 (2006.01), C08G 64/02 (2006.01)
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(51) A61K 8/02 (2006.01), A61Q 9/04 (2006.01)
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(21) **BR 11 2013 000692-7 1.1**
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(51) A61C 5/02 (2006.01), A61C 19/00 (2006.01), A61C 13/107 (2006.01)
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(21) **BR 11 2013 000693-5 1.1**
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(51) F28D 15/00 (2006.01), F28D 15/02 (2006.01), F28D 15/06 (2006.01), F28F 23/00 (2006.01)
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(51) F04D 27/02 (2006.01)
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(51) C12Q 1/04 (2006.01), C12Q 1/37 (2006.01), G01N 33/558 (2006.01)
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(51) G06T 19/20 (2011.01)
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(21) **BR 11 2013 000697-8 1.1**
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(51) C07C 5/22 (2006.01), C07C 15/08 (2006.01), B01J 29/40 (2006.01), C07C 7/13 (2006.01)
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(51) B29C 45/00 (2006.01), B29C 45/26 (2006.01), B60T 8/36 (2006.01), F04B 53/12 (2006.01), F16K 15/00 (2006.01), F16K 15/02 (2006.01), F16K 15/04 (2006.01), F16K 31/06 (2006.01)
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(51) C07D 215/22 (2006.01), C07D 215/38 (2006.01), C07D 401/04 (2006.01), C07D 493/04 (2006.01), C07D 215/233 (2006.01), A61K 31/4709 (2006.01), A61K 31/4741 (2006.01), C07F 9/60 (2006.01), C07F 9/6558 (2006.01), C07F 9/6561 (2006.01), A61P 35/00 (2006.01)
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(51) F16C 17/04 (2006.01), F16C 33/20 (2006.01), F16C 33/74 (2006.01), B60G 15/06 (2006.01)
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(51) F24J 2/38 (2006.01)
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(51) C08G 18/10 (2006.01), C08G 18/42 (2006.01), C08G 18/76 (2006.01), C08G 18/40 (2006.01), C08G 18/80 (2006.01)
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(51) C07C 251/48 (2006.01), C07D 213/53 (2006.01), C07D 213/55 (2006.01), C07D 213/64 (2006.01), C07D 213/89 (2006.01), C07D 215/12 (2006.01), C07D 239/26 (2006.01), C07D 241/12 (2006.01)
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(51) B28D 1/22 (2006.01), B28B 1/14 (2006.01), B28B 11/12 (2006.01)
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(51) G01V 1/00 (2006.01)
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(51) A61K 8/365 (2006.01), A61K 8/60 (2006.01), A61Q 5/00 (2006.01), A61Q 7/00 (2006.01)
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(51) G05D 16/06 (2006.01), G05D 16/10 (2006.01)
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(51) A61K 8/11 (2006.01), A61Q 13/00 (2006.01), B01J 13/16 (2006.01), B01J 13/18 (2006.01)
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(51) A61K 9/00 (2006.01), A61K 9/20 (2006.01), A61K 33/26 (2006.01), A61K 38/38 (2006.01)
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(51) F23D 14/20 (2006.01), F23D 14/32 (2006.01)
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(51) G01N 33/48 (2006.01), G06F 19/00 (2011.01)
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(51) H01J 65/04 (2006.01), H05B 41/24 (2006.01)
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(51) C10G 29/20 (2006.01), C07C 7/152 (2006.01)
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(51) C12N 15/37 (2006.01), A61K 39/12 (2006.01), A61P 31/20 (2006.01), A61P 37/04 (2006.01), C07K 14/025 (2006.01), C12Q 1/70 (2006.01), G01N 33/564 (2006.01), G01N 33/569 (2006.01)
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(51) C04B 26/04 (2006.01), C04B 26/06 (2006.01), C09D 5/03 (2006.01), C04B 26/02 (2006.01), C04B 28/06 (2006.01), C04B 28/16 (2006.01)
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(51) A61K 9/10 (2006.01), A61K 9/20 (2006.01), A61K 9/00 (2006.01), A61K 9/48 (2006.01), A61K 47/10 (2006.01)
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(51) A61C 19/00 (2006.01), A61B 6/14 (2006.01), A61C 19/04 (2006.01), A61C 7/00 (2006.01), G06F 19/00 (2011.01), G06T 19/00 (2011.01)
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(51) A23C 1/12 (2006.01), A23C 21/08 (2006.01), A23K 1/00 (2006.01), A23K 1/08 (2006.01), A23K 1/14 (2006.01), A23K 1/16 (2006.01), A23K 1/18 (2006.01), A23L 1/30 (2006.01)
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(51) E21B 34/14 (2006.01), E21B 34/12 (2006.01)
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(51) G01V 1/28 (2006.01), G01V 1/36 (2006.01), G01V 1/00 (2006.01)
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(51) A61F 9/00 (2006.01)
(86) PCT US11/044291 de 15/07/2011
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(21) **BR 11 2013 001031-2 1.1**
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(51) B01J 29/46 (2006.01), B01J 29/56 (2006.01)
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(21) **BR 11 2013 001032-0 1.1**
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(51) C10G 25/00 (2006.01), B01J 20/22 (2006.01), C10G 67/06 (2006.01), B01J 20/34 (2006.01), C10M 101/02 (2006.01)
(86) PCT US11/043733 de 12/07/2011
(87) WO 2012/015589 de 02/02/2012

(21) **BR 11 2013 001033-9 1.1**
(51) B65B 3/00 (2006.01), B65B 55/02 (2006.01), A61J 1/05 (2006.01), A61M 5/32 (2006.01)
(86) PCT EP10/060332 de 16/07/2010
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(21) **BR 11 2013 001034-7 1.1**
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(51) H04W 24/00 (2009.01)
(86) PCT IB11/001866 de 15/07/2011
(87) WO 2012/014066 de 02/02/2012

(21) **BR 11 2013 001035-5 1.1**
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(51) C04B 18/04 (2006.01), C04B 28/04 (2006.01), C04B 22/00 (2006.01)
(86) PCT EP11/062218 de 18/07/2011
(87) WO 2012/007591 de 19/01/2012

(21) **BR 11 2013 001036-3 1.1**
(30) 15/07/2010 US 61/364,576; 19/07/2010 US 61/365,391; 07/03/2011 US 13/042,114
(51) A61M 25/06 (2006.01), A61M 39/04 (2006.01), A61M 39/06 (2006.01)
(86) PCT US11/028723 de 16/03/2011
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(21) **BR 11 2013 001037-1 1.1**
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(51) C04B 7/52 (2006.01), C04B 103/52 (2006.01)
(86) PCT JP2011/066066 de 14/07/2011
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(21) **BR 11 2013 001038-0 1.1**
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(51) F16C 29/06 (2006.01)
(86) PCT US11/044161 de 15/07/2011
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(21) **BR 11 2013 001039-8 1.1**
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(51) A61K 8/46 (2006.01), A61Q 5/02 (2006.01)
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(21) **BR 11 2013 001040-1 1.1**
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(51) F16C 29/06 (2006.01)
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(51) F16C 29/06 (2006.01)
(86) PCT US2011/044151 de 15/07/2011
(87) WO 2012/009616 de 19/01/2012

(21) **BR 11 2013 001042-8 1.1**
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(51) G06Q 20/00 (2006.01)
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(21) **BR 11 2013 001043-6 1.1**
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(51) F16C 29/06 (2006.01)
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(51) A61M 25/06 (2006.01), A61M 39/06 (2006.01)
(86) PCT US2011/028712 de 16/03/2011
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(21) **BR 11 2013 001045-2 1.1**
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(51) A61F 9/00 (2006.01)
(86) PCT US11/044278 de 15/07/2011
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(21) **BR 11 2013 001046-0 1.1**
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(51) B01J 29/46 (2006.01), B01J 29/56 (2006.01)
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(21) **BR 11 2013 001047-9 1.1**
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(51) A61M 25/06 (2006.01), A61M 39/06 (2006.01)
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(21) **BR 11 2013 001048-7 1.1**
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(51) A61M 39/16 (2006.01)
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(21) **BR 11 2013 001050-9 1.1**
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(51) A61B 5/15 (2006.01), A61B 5/153 (2006.01), A61M 39/00 (2006.01)
(86) PCT US2011/043682 de 12/07/2011
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(21) **BR 11 2013 001051-7 1.1**
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(21) **BR 11 2013 001052-5 1.1**
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(51) C22C 38/00 (2006.01), C21D 8/12 (2006.01), H01F 1/16 (2006.01), C22C 38/60 (2006.01)
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(51) G01L 9/00 (2006.01)
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(87) WO 2012/007922 de 19/01/2012

(21) **BR 11 2013 001054-1 1.1**

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(51) A61K 31/00 (2006.01), A61K 31/137 (2006.01), A61K 31/138 (2006.01), A61K 31/15 (2006.01), A61K 31/335 (2006.01), A61K 31/343 (2006.01), A61K 31/357 (2006.01), A61K 31/435 (2006.01), A61K 31/4406 (2006.01), A61K 31/454 (2006.01), A61K 31/4545 (2006.01), A61K 31/5415 (2006.01), A61K 31/55 (2006.01), A61K 31/551 (2006.01), A61K 45/06 (2006.01), A61P 3/04 (2006.01)
(86) PCT EP11/062103 de 14/07/2011
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(51) E21B 19/16 (2006.01)
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(21) **BR 11 2013 001058-4 1.1**
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(51) C07C 4/08 (2006.01), C08J 11/04 (2006.01)
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(21) **BR 11 2013 001059-2 1.1**
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(51) H02P 23/00 (2006.01), H02P 21/14 (2006.01), H02P 27/04 (2006.01)
(86) PCT EP2011/061671 de 08/07/2011
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(21) **BR 11 2013 001060-6 1.1**
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(51) A61B 1/24 (2006.01), A61B 5/00 (2006.01)
(86) PCT GB11/051339 de 15/07/2011
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(21) **BR 11 2013 001062-2 1.1**
(30) 15/07/2010 US 61/364,698
(51) A61K 38/17 (2006.01), C07K 16/28 (2006.01), C07K 16/46 (2006.01)
(86) PCT US2011/044172 de 15/07/2011
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(21) **BR 11 2013 001063-0 1.1**
(30) 15/07/2010 US 61/364,519
(51) A61K 8/37 (2006.01), A61K 8/39 (2006.01), A61Q 5/02 (2006.01), A61Q 5/12 (2006.01)
(86) PCT US11/043990 de 14/07/2011
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(21) **BR 11 2013 001064-9 1.1**
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(51) C30B 11/04 (2006.01)
(86) PCT FR11/000385 de 01/08/2011
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(51) H04L 25/03 (2006.01)
(86) PCT IB11/001867 de 15/07/2011
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(21) **BR 11 2013 001066-5 1.1**
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(51) A01C 1/06 (2006.01), C05G 3/00 (2006.01), C05F 11/00 (2006.01), C05F 11/08 (2006.01), A01C 1/00 (2006.01)
(86) PCT US11/044193 de 15/07/2011
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(21) **BR 11 2013 001088-6 1.1**
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(51) C07D 471/02 (2006.01), A61K 31/4745 (2006.01), A61P 35/00 (2006.01)
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(51) B03C 3/013 (2006.01)
(86) PCT US2011/043026 de 06/07/2011
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(21) **BR 11 2013 001093-2 1.1**
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(51) H04N 7/34 (2006.01), H04N 7/32 (2006.01)
(86) PCT KR2011/005214 de 15/07/2011
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(21) **BR 11 2013 001094-0 1.1**
(51) C23C 26/00 (2006.01), C10M 103/00 (2006.01), C10M 177/00 (2006.01), C23C 30/00 (2006.01), F16J 10/04 (2006.01), C10N 40/25 (2006.01)
(86) PCT SE2010/050850 de 16/07/2010
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(21) **BR 11 2013 001107-6 1.1**
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(51) A61P 31/04 (2006.01)
(86) PCT US2011/044326 de 18/07/2011
(87) WO 2012/009712 de 19/01/2012

(21) **BR 11 2013 001109-2 1.1**
(30) 19/07/2010 EP 10169981.7; 19/07/2010 US 61/365,560
(51) C12P 19/02 (2006.01), C12P 19/12 (2006.01), C12P 19/14 (2006.01), C12P 19/18 (2006.01), A23L 1/09 (2006.01), C07H 3/04 (2006.01), C07H 3/06 (2006.01)
(86) PCT EP2011/062355 de 19/07/2011
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(21) **BR 11 2013 001120-3 1.1**
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(51) A44B 18/00 (2006.01)
(86) PCT US2011/044266 de 15/07/2011
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(21) **BR 11 2013 001121-1 1.1**
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(51) B01D 21/24 (2006.01), B01D 21/00 (2006.01)
(86) PCT FI2011/050704 de 10/08/2011
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(21) **BR 11 2013 001122-0 1.1**
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(51) C07C 237/22 (2006.01), C07C 271/22 (2006.01), C07C 271/44 (2006.01), A61P 43/00 (2006.01), A61K 31/16 (2006.01), A61K 31/18 (2006.01), A61K 31/357 (2006.01), A61K 31/381 (2006.01), A61K 31/40 (2006.01), A61K 31/415 (2006.01), A61K 31/4164 (2006.01), A61K 31/4192 (2006.01), A61K 31/426 (2006.01), A61K 31/435 (2006.01), A61K 31/495 (2006.01)
(86) PCT US2011/044254 de 15/07/2011
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(21) **BR 11 2013 001125-4 1.1**
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(51) A61K 51/00 (2006.01), A61M 36/14 (2006.01)
(86) PCT US2011/044148 de 15/07/2011
(87) WO 2012/012282 de 26/01/2012

(21) **BR 11 2013 001126-2 1.1**
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(51) F16B 33/02 (2006.01), F16B 1/00 (2006.01)
(86) PCT KR2011/005239 de 15/07/2011
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(21) **BR 11 2013 001127-0 1.1**
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(51) F16H 61/36 (2006.01), G05G 1/04 (2006.01), G05G 5/06 (2006.01)
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(21) **BR 11 2013 001129-7 1.1**
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(51) A47C 9/02 (2006.01), A47B 83/02 (2006.01)
(86) PCT US2011/044372 de 18/07/2011
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(21) **BR 11 2013 001130-0 1.1**
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(51) H04N 5/913 (2006.01), G11B 20/00 (2006.01), H04N 7/16 (2011.01), H04N 7/173 (2011.01), H04N 7/24 (2011.01), H04L 9/32 (2006.01)
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(21) **BR 11 2013 001131-9 1.1**
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(51) G06F 21/00 (2013.01), H04N 7/24 (2011.01)
(86) PCT EP2011/060651 de 24/06/2011
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(21) **BR 11 2013 001132-7 1.1**
(30) 16/07/2010 US 61/365,293; 18/02/2011 US 61/444,475
(51) C07D 239/54 (2006.01), A61K 31/522 (2006.01), A61P 31/14 (2006.01), B01J 31/24 (2006.01)
(86) PCT US2011/044283 de 15/07/2011
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(21) **BR 11 2013 001133-5 1.1**
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(51) H01L 51/52 (2006.01)
(86) PCT EP2011/062132 de 15/07/2011
(87) WO 2012/007575 de 19/01/2012

(21) **BR 11 2013 001134-3 1.1**
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(51) H01M 4/13 (2010.01), H01M 4/583 (2010.01), H01M 10/0525 (2010.01), H01M 2/20 (2006.01)
(86) PCT KR2011/005189 de 15/07/2011
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(51) H01M 10/058 (2010.01), H01M 4/13 (2010.01), H01M 10/0525 (2010.01), H01M 10/42 (2006.01)
(86) PCT JP2011/065817 de 11/07/2011
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(21) **BR 11 2013 001136-0 1.1**
(30) 16/07/2010 EP 10169897.5; 16/07/2010 US 61/364,831; 18/03/2011 EP 11158912.3; 27/05/2011 EP 11167973.4
(51) G01N 33/48 (2006.01)
(86) PCT NL2011/050518 de 15/07/2011
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(21) **BR 11 2013 001137-8 1.1**
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(51) B62M 7/02 (2006.01), B62H 1/02 (2006.01), B62K 25/20 (2006.01), F01N 1/00 (2006.01), F01N 13/00 (2010.01), F01N 99/00 (2010.01)
(86) PCT JP2011/065759 de 11/07/2011
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(51) B01J 31/24 (2006.01)
(86) PCT US2011/044282 de 15/07/2011
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(21) **BR 11 2013 001139-4 1.1**
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(51) G01N 27/30 (2006.01)
(86) PCT FR2011/000416 de 12/07/2011
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(21) **BR 11 2013 001141-6 1.1**
(30) 16/07/2010 EP 10169861.1
(51) C01B 3/04 (2006.01), C01B 13/02 (2006.01)
(86) PCT NL2011/050516 de 15/07/2011
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(21) **BR 11 2013 001142-4 1.1**
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(51) A61K 8/33 (2006.01), A61Q 11/00 (2006.01), A61K 8/34 (2006.01), A61K 8/36 (2006.01), A61K 8/37 (2006.01), A61K 8/92 (2006.01)
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(21) **BR 11 2013 001143-2 1.1**
(30) 16/07/2010 EP 10169766.2
(51) A47J 31/54 (2006.01)
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(51) E21B 43/26 (2006.01), E21B 33/068 (2006.01)
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(21) **BR 11 2013 001147-5 1.1**
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(51) B05B 15/12 (2006.01), B05B 13/02 (2006.01), B25J 5/02 (2006.01), B25J 21/00 (2006.01)
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(21) **BR 11 2013 001148-3 1.1**
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(51) B05B 13/02 (2006.01)

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(21) **BR 11 2013 001149-1 1.1**
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(51) F16D 27/108 (2006.01), F16D 27/11 (2006.01), F16D 27/112 (2006.01), F16D 27/118 (2006.01), F16D 41/04 (2006.01)
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(51) G06T 19/20 (2011.01)
(86) PCT JP2011/065674 de 08/07/2011
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(21) **BR 11 2013 001152-1 1.1**
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(51) C23F 11/14 (2006.01), F22B 37/52 (2006.01)
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(21) **BR 11 2013 001155-6 1.1**
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(51) G05B 23/02 (2006.01), H02J 3/00 (2006.01), H02J 13/00 (2006.01)
(86) PCT JP2011/003447 de 16/06/2011
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(51) A01N 25/10 (2006.01), A01N 25/34 (2006.01), A01G 13/02 (2006.01), B32B 27/00 (2006.01), C08J 5/18 (2006.01)
(86) PCT EP2011/061957 de 13/07/2011
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(51) C03C 17/00 (2006.01)
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(51) H04B 7/06 (2006.01), H04B 7/04 (2006.01)
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(51) C05C 1/02 (2006.01), B01J 2/26 (2006.01)
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(51) A23F 5/00 (2006.01), A23G 1/00 (2006.01), B65D 85/00 (2006.01)
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(21) **BR 11 2013 001168-8 1.1**
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(51) E21B 19/22 (2006.01), E21B 19/00 (2006.01), E21B 19/15 (2006.01)
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(51) F16K 1/22 (2006.01), F16K 27/02 (2006.01)
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(51) F01D 13/02 (2006.01), F01D 1/02 (2006.01), F01D 9/02 (2006.01)
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(51) H01L 33/48 (2010.01), H01L 23/29 (2006.01), H01L 23/31 (2006.01), H01L 33/56 (2010.01)
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(51) C01B 31/20 (2006.01)
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(51) D21F 5/10 (2006.01)
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(51) H01L 25/10 (2006.01), H01L 21/48 (2006.01), H01L 23/498 (2006.01), H01L 21/56 (2006.01), H01L 23/31 (2006.01)
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(51) E21B 47/12 (2006.01)
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(21) **BR 11 2013 001262-5 1.1**
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(51) G03F 1/00 (2006.01), G03F 7/20 (2006.01)
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(21) **BR 11 2013 001263-3 1.1**
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(51) C07F 9/00 (2006.01), C07F 15/00 (2006.01), B01J 31/02 (2006.01)
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(51) G01S 19/47 (2010.01), G01C 21/00 (2006.01), G01S 19/00 (2010.01)
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(51) G01V 9/00 (2006.01), E21B 47/06 (2006.01), G01V 8/24 (2006.01)
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(51) G08G 1/052 (2006.01)
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(51) A61K 39/395 (2006.01), C07K 16/06 (2006.01), A61K 47/00 (2006.01)
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(51) A01N 43/40 (2006.01), A61K 31/445 (2006.01), C07D 217/00 (2006.01), C07D 217/02 (2006.01), C07D 217/22 (2006.01), C07D 401/00 (2006.01)
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(51) A01N 43/40 (2006.01), A61K 31/445 (2006.01), C07D 217/00 (2006.01), C07D 217/02 (2006.01), C07D 217/22 (2006.01), C07D 401/00 (2006.01)
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(21) **BR 11 2013 001304-4 1.1**
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(51) H01F 27/02 (2006.01), H01F 29/04 (2006.01), H01H 9/00 (2006.01)
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(51) C12P 1/00 (2006.01)
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(21) **BR 11 2013 001306-0 1.1**
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(51) B23K 9/10 (2006.01), B23K 9/32 (2006.01), B23F 21/00 (2006.01)
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(51) C12P 7/10 (2006.01)
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(21) **BR 11 2013 001308-7 1.1**
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(51) G01N 11/16 (2006.01)
(86) PCT US2011/044645 de 20/07/2011
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(21) **BR 11 2013 001309-5 1.1**
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(51) E21B 25/00 (2006.01), E21B 49/08 (2006.01)
(86) PCT US11/034534 de 29/04/2011
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(51) F04D 29/04 (2006.01)
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(51) C10J 3/66 (2006.01), C10J 3/48 (2006.01), C10J 3/46 (2006.01), C10J 3/84 (2006.01), C10J 3/72 (2006.01)
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(51) F04D 7/04 (2006.01)
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(51) C10J 3/66 (2006.01), C10J 3/48 (2006.01), C10J 3/46 (2006.01), C10J 3/20 (2006.01), C10J 3/12 (2006.01), C10J 3/84 (2006.01), C10J 3/72 (2006.01)
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(51) C10J 3/14 (2006.01), C10B 53/02 (2006.01), C10J 3/20 (2006.01), C10J 3/48 (2006.01)
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(51) F24F 11/02 (2006.01), F24F 7/10 (2006.01)
(86) PCT US11/044531 de 19/07/2011
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(51) B21J 13/02 (2006.01), B21K 1/76 (2006.01)
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(51) C12H 1/056 (2006.01), B01D 41/02 (2006.01), B01J 20/34 (2006.01), C12H 1/06 (2006.01)
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(51) B29B 17/02 (2006.01)
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(51) H04L 5/00 (2006.01)
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(51) B23P 15/00 (2006.01), F01D 5/06 (2006.01), B23K 20/12 (2006.01)
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(51) A01C 1/00 (2006.01), G01N 1/00 (2006.01), G01N 1/08 (2006.01)
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(51) A61K 31/166 (2006.01), A61K 31/337 (2006.01), A61P 35/00 (2006.01), A61K 31/282 (2006.01), A61K 31/7068 (2006.01), A61P 35/04 (2006.01)
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(51) H04N 7/24 (2011.01), H04N 21/854 (2011.01)
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(51) F04D 19/02 (2006.01), F04D 29/32 (2006.01), F04D 29/66 (2006.01), B64C 11/00 (2006.01), B64C 11/48 (2006.01), F02K 3/072 (2006.01)
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(51) F23K 5/12 (2006.01), B01F 3/08 (2006.01)
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(51) H04N 21/2343 (2011.01), H04N 21/236 (2011.01), H04N 21/845 (2011.01), H04L 29/08 (2006.01)
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(51) A23L 1/00 (2006.01), A23L 3/44 (2006.01), A23P 1/08 (2006.01)
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(51) B05B 1/20 (2006.01), F22G 5/12 (2006.01)
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(51) C07D 239/42 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/12 (2006.01), A61K 31/506 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01)
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(51) H02H 3/00 (2006.01), H02H 3/04 (2006.01), H02H 7/04 (2006.01)
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(51) C11D 17/00 (2006.01), F26B 3/12 (2006.01)
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(51) B65D 19/28 (2006.01), B65D 19/38 (2006.01), B65D 25/20 (2006.01), G06K 19/07 (2006.01)
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(21) **BR 11 2013 001346-0 1.1**
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(51) B65D 1/42 (2006.01), B65D 1/02 (2006.01), B65D 21/08 (2006.01)
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(51) B65D 19/28 (2006.01), B65D 19/38 (2006.01), B65D 25/20 (2006.01), G06K 19/07 (2006.01)
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(51) C07D 239/70 (2006.01)
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(51) H04N 7/32 (2006.01)
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(21) **BR 11 2013 001352-4 1.1**
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(51) F16F 15/134 (2006.01), F16F 15/16 (2006.01)
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(51) H04N 7/26 (2006.01), G06T 9/40 (2006.01), H04N 11/02 (2006.01)
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(21) **BR 11 2013 001356-7 1.1**
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(51) E21B 17/00 (2006.01), E21B 19/00 (2006.01)
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(51) F03B 13/18 (2006.01)
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(51) C22C 38/00 (2006.01), C21D 8/12 (2006.01), C21D 9/46 (2006.01), C22C 38/04 (2006.01), C22C 38/60 (2006.01), H01F 1/16 (2006.01), H01F 1/18 (2006.01)
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(51) C11D 17/00 (2006.01), C11D 3/37 (2006.01), C11D 3/22 (2006.01), C11D 3/39 (2006.01)
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(51) F16B 37/08 (2006.01)
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(51) H01R 13/629 (2006.01), H01R 13/52 (2006.01)
(86) PCT JP2011/066788 de 19/07/2011
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(86) PCT FR2011/051751 de 20/07/2011
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(51) H04W 36/08 (2009.01)
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(51) C07D 231/20 (2006.01), A01N 43/56 (2006.01)
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(21) **BR 11 2013 001369-9 1.1**
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(51) A61K 36/47 (2006.01), A61K 31/43 (2006.01), A61P 1/00 (2006.01), C12P 1/00 (2006.01)
(86) PCT CN2011/001188 de 20/07/2011
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(51) A61M 5/28 (2006.01), A61J 1/06 (2006.01)
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(51) B65D 90/12 (2006.01), E04H 12/12 (2006.01), F03D 11/04 (2006.01)
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(51) C08F 218/04 (2006.01), C08F 218/08 (2006.01), C08L 31/02 (2006.01), C08L 31/04 (2006.01), D21H 19/28 (2006.01), D21H 19/56 (2006.01), D21H 19/58 (2006.01), D21H 19/60 (2006.01)
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(21) **BR 11 2013 001374-5 1.1**
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(51) C09K 8/035 (2006.01), C09K 8/24 (2006.01), C09K 8/508 (2006.01)
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(51) E21B 43/013 (2006.01)
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(51) H04N 7/173 (2011.01), G06F 13/00 (2006.01)
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(51) B01D 71/62 (2006.01), B01D 67/00 (2006.01), B01D 69/14 (2006.01)
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(21) **BR 11 2013 001381-8 1.1**
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(51) E21B 33/06 (2006.01), E21B 19/00 (2006.01)
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(21) **BR 11 2013 001383-4 1.1**
(51) H04N 5/921 (2006.01)

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(51) H02P 6/18 (2006.01), H02P 21/00 (2006.01), H02P 27/04 (2006.01)
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(51) C22F 1/18 (2006.01), B21D 1/00 (2006.01), B21D 3/00 (2006.01), B21D 3/12 (2006.01)
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(21) **BR 11 2013 001387-7 1.1**
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(51) H01R 13/58 (2006.01), H01R 13/52 (2006.01)
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(51) B01J 23/22 (2006.01), B01J 23/18 (2006.01), C07C 51/265 (2006.01)
(86) PCT IB2011/053327 de 26/07/2011
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(51) H02P 27/06 (2006.01), H02P 6/08 (2006.01), H02P 21/00 (2006.01), H02P 27/04 (2006.01)
(86) PCT JP11/057305 de 25/03/2011
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(86) PCT US10/042683 de 21/07/2010
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(86) PCT GB11/001092 de 21/07/2011
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(51) C12Q 1/26 (2006.01), C12Q 1/28 (2006.01), G01N 21/78 (2006.01), G01N 33/72 (2006.01)
(86) PCT JP11/068104 de 09/08/2011
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(21) **BR 11 2013 001398-2 1.1**
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(51) C12Q 1/26 (2006.01), C12Q 1/28 (2006.01), C12Q 1/37 (2006.01)
(86) PCT JP11/068103 de 09/08/2011
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(21) **BR 11 2013 001400-8 1.1**
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(51) C09B 67/00 (2006.01), C09B 67/44 (2006.01)
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(21) **BR 11 2013 001401-6 1.1**
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(51) E21B 33/035 (2006.01), G05B 23/02 (2006.01)
(86) PCT NO2011/000208 de 15/07/2011
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(21) **BR 11 2013 001402-4 1.1**
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(51) F27D 3/08 (2006.01), F27D 19/00 (2006.01)
(86) PCT AU2011/000927 de 20/07/2011
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(21) **BR 11 2013 001403-2 1.1**
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(51) A61B 5/00 (2006.01)
(86) PCT US2011/044385 de 18/07/2011
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(21) **BR 11 2013 001404-0 1.1**
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(51) F17C 5/00 (2006.01), F17C 5/06 (2006.01), F17C 13/02 (2006.01), F17C 7/00 (2006.01)
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(21) **BR 11 2013 001405-9 1.1**
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(51) B24B 7/12 (2006.01), B24B 27/04 (2006.01)
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(21) **BR 11 2013 001406-7 1.1**
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(51) C07C 317/24 (2006.01), C07C 323/22 (2006.01), C07C 323/65 (2006.01), C07D 493/08 (2006.01), A01N 35/06 (2006.01), A01N 41/10 (2006.01), A01N 43/16 (2006.01)
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(21) **BR 11 2013 001407-5 1.1**
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(51) A47J 31/06 (2006.01), A47J 31/52 (2006.01), A47J 31/36 (2006.01)
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(21) **BR 11 2013 001408-3 1.1**
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(51) B01F 7/00 (2006.01)
(86) PCT US2011/044465 de 19/07/2011
(87) WO 2012/012380 de 26/01/2012

(21) **BR 11 2013 001409-1 1.1**
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(51) E21B 7/08 (2006.01)
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(21) **BR 11 2013 001410-5 1.1**
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(51) G01N 27/414 (2006.01), G01N 33/569 (2006.01), G01N 33/48 (2006.01)
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(21) **BR 11 2013 001411-3 1.1**
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(51) H02K 3/28 (2006.01), B60L 11/14 (2006.01), H02K 21/14 (2006.01)
(86) PCT JP2011/066444 de 20/07/2011
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(21) **BR 11 2013 001447-4 1.1**
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(51) A62C 37/08 (2006.01)
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(51) A63H 13/04 (2006.01), G10D 1/08 (2006.01)
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(30) 19/07/2010 NL PCT/NL2010/000110; 19/07/2010 NL PCT/NL2010/000112; 19/07/2010 NL PCT/NL2010/000111; 19/07/2010 NL PCT/NL2010/050464; 19/07/2010 NL PCT/NL2010/000109
(51) C10G 1/00 (2006.01), C10G 1/10 (2006.01), C07C 1/00 (2006.01), C10J 3/00 (2006.01)
(86) PCT EP2010/069881 de 16/12/2010
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(51) F16L 37/14 (2006.01)
(86) PCT GB11/001091 de 21/07/2011
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(21) **BR 11 2013 001470-9 1.1**
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(51) B01D 39/02 (2006.01), B01D 41/02 (2006.01), B01J 20/26 (2006.01), C12C 13/00 (2006.01), C12H 1/04 (2006.01), C12H 1/06 (2006.01)
(86) PCT NL11/050523 de 18/07/2011
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(21) **BR 11 2013 001471-7 1.1**
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(51) B01D 39/02 (2006.01), B01D 41/02 (2006.01), B01J 20/26 (2006.01), C12H 1/04 (2006.01), C12H 1/06 (2006.01)
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(21) **BR 11 2013 001476-8 1.1**
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(51) A61J 3/07 (2006.01), A61K 9/14 (2006.01), A61K 9/16 (2006.01), A61K 9/22 (2006.01), A61K 9/10 (2006.01), A61K 9/48 (2006.01), A61K 31/00 (2006.01)
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(51) A01N 25/00 (2006.01), A01N 25/28 (2006.01), A01N 47/38 (2006.01), A01N 51/00 (2006.01), A01N 47/02 (2006.01), A01N 43/90 (2006.01), A01N 43/22 (2006.01), A01P 7/04 (2006.01)
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(21) **BR 11 2013 001478-4 1.1**
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(51) H04L 9/32 (2006.01)
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(21) **BR 11 2013 001479-2 1.1**
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(51) A01N 43/713 (2006.01), A01P 5/00 (2006.01), A01P 7/04 (2006.01), A01P 7/02 (2006.01), A01N 43/647 (2006.01)
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(51) B65D 83/04 (2006.01)
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(51) A61K 31/437 (2006.01), A61K 9/00 (2006.01), A61K 47/24 (2006.01), A61K 6/00 (2006.01)
(86) PCT EP2011/061953 de 13/07/2011
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(51) H01M 12/06 (2006.01)
(86) PCT US2011/044715 de 20/07/2011
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(21) **BR 11 2013 001497-0 1.1**
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(51) F04D 27/02 (2006.01), G05B 15/02 (2006.01)
(86) PCT FI11/050633 de 04/07/2011
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(51) B01D 21/00 (2006.01), C02F 1/52 (2006.01)
(86) PCT FI11/050666 de 19/07/2011
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(51) B01D 21/00 (2006.01), C02F 1/52 (2006.01)
(86) PCT FI11/050667 de 19/07/2011
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(21) **BR 11 2013 001505-5 1.1**
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(51) C10M 169/04 (2006.01), C23C 28/00 (2006.01), F16L 58/18 (2006.01), F16L 15/00 (2006.01), E21B 17/042 (2006.01)
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(51) B32B 17/10 (2006.01), C03C 27/12 (2006.01), F21K 99/00 (2010.01)
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(51) C03C 17/00 (2006.01), G02B 1/11 (2006.01)
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(51) C12N 1/12 (2006.01), C12P 7/64 (2006.01)
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(51) C08G 18/08 (2006.01), C08G 18/10 (2006.01), C08G 18/42 (2006.01), C08G 18/48 (2006.01), C08G 18/66 (2006.01), C08G 18/72 (2006.01), C08G 18/73 (2006.01), C08G 18/76 (2006.01), C09J 175/06 (2006.01), C08K 5/3477 (2006.01), B32B 7/12 (2006.01)
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(51) G06Q 30/00 (2006.01), G06Q 50/00 (2006.01)
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(51) F01N 3/20 (2006.01), F02B 37/013 (2006.01)
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(51) C07C 317/24 (2006.01), C07C 317/44 (2006.01), C07C 323/22 (2006.01), C07C 323/65 (2006.01), C07D 493/08 (2006.01), A01N 35/06 (2006.01), A01N 41/10 (2006.01), A01N 43/16 (2006.01)
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(51) H02H 9/00 (2006.01), H02H 3/00 (2006.01), H02H 3/52 (2006.01), H02H 7/04 (2006.01)
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(51) A61K 31/409 (2006.01), A61K 31/19 (2006.01), A61K 31/185 (2006.01), A61P 31/04 (2006.01), A61P 31/00 (2006.01)
(86) PCT US2011/045063 de 22/07/2011
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(51) H01L 27/22 (2006.01), H01L 43/08 (2006.01), H01L 43/12 (2006.01), B82Y 25/00 (2011.01), G11C 11/16 (2006.01)
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(51) B60K 1/04 (2006.01), B62D 21/02 (2006.01), B62D 21/03 (2006.01), B62D 23/00 (2006.01)
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(51) A61K 33/24 (2006.01), A23L 2/00 (2006.01)
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(51) C08L 23/08 (2006.01)
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(51) A01J 25/00 (2006.01), A01J 25/12 (2006.01)
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(51) E01B 25/10 (2006.01), B65G 15/08 (2006.01), B65G 53/00 (2006.01), B61D 11/00 (2006.01), B65G 35/00 (2006.01), E21F 13/08 (2006.01)
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(51) F16K 11/06 (2006.01), F16K 17/34 (2006.01), F16K 7/12 (2006.01)
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(51) A61N 5/06 (2006.01), A61B 18/00 (2006.01), A61B 17/00 (2006.01)
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(51) C08G 73/06 (2006.01), H01M 8/10 (2006.01), C08L 79/04 (2006.01), C08J 5/22 (2006.01), C08G 75/02 (2006.01), C08G 75/20 (2006.01), C08G 75/23 (2006.01), C08L 81/02 (2006.01), C08L 81/06 (2006.01)
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(21) **BR 11 2013 001609-4 1.1**
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(51) A61K 31/405 (2006.01), A61K 45/06 (2006.01), A61P 27/02 (2006.01)
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(51) C10M 133/00 (2006.01), C10M 169/04 (2006.01), C10M 133/26 (2006.01), C10M 133/04 (2006.01), C10M 171/00 (2006.01)
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(51) A61K 47/48 (2006.01)
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(51) B32B 17/10 (2006.01), G02B 27/01 (2006.01), C09D 11/02 (2006.01), C09K 11/06 (2006.01), C08K 5/00 (2006.01), C09D 11/00 (2006.01)
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(51) C07D 491/00 (2006.01), C07D 493/00 (2006.01), C07D 513/00 (2006.01), A61K 31/353 (2006.01), A61K 31/425 (2006.01), A61K 31/4738 (2006.01), A61P 3/04 (2006.01)
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(51) G03G 9/087 (2006.01)
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(51) F15B 15/14 (2006.01), F15B 15/22 (2006.01), F15B 15/20 (2006.01)
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(51) C08G 63/08 (2006.01), C08G 63/52 (2006.01), C08G 63/60 (2006.01)
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(51) A61M 5/32 (2006.01), A61M 5/50 (2006.01)
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(51) C09K 8/68 (2006.01), C09K 8/035 (2006.01)
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(51) F16G 11/00 (2006.01)
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(51) B23C 5/10 (2006.01), B23B 31/00 (2006.01)
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(51) A61M 5/32 (2006.01), A61M 5/50 (2006.01)
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(51) A61M 5/32 (2006.01), A61M 5/50 (2006.01)
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(51) A61M 5/32 (2006.01), A61M 5/50 (2006.01)
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(51) D04H 1/64 (2006.01), C08J 5/24 (2006.01), C09J 103/02 (2006.01)
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(51) C07D 413/12 (2006.01), C07D 413/14 (2006.01), A61K 31/506 (2006.01), A61P 27/00 (2006.01), A61P 37/06 (2006.01)
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(51) C07D 471/04 (2006.01), A61K 31/519 (2006.01), A61K 31/542 (2006.01), A61P 1/00 (2006.01), A61P 1/04 (2006.01), A61P 1/16 (2006.01), A61P 3/04 (2006.01), A61P 3/06 (2006.01), A61P 3/10 (2006.01), A61P 5/00 (2006.01), A61P 7/00 (2006.01), A61P 7/02 (2006.01), A61P 7/06 (2006.01), A61P 9/00 (2006.01), A61P 9/04 (2006.01), A61P 9/06 (2006.01), A61P 9/10 (2006.01), A61P 9/12 (2006.01), A61P 11/00 (2006.01), A61P 11/02 (2006.01), A61P 11/04 (2006.01), A61P 11/06 (2006.01), A61P 13/00 (2006.01), A61P 13/02 (2006.01), A61P 13/08 (2006.01), A61P 13/10 (2006.01), A61P 13/12 (2006.01), A61P 15/08 (2006.01), A61P 17/00 (2006.01), A61P 17/02 (2006.01), A61P 19/00 (2006.01), A61P 19/02 (2006.01), A61P 21/04 (2006.01), A61P 25/00 (2006.01), A61P 25/08 (2006.01), A61P 25/16 (2006.01), A61P 25/18 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 25/30 (2006.01), A61P 25/32 (2006.01), A61P 27/02 (2006.01), A61P 27/06 (2006.01), A61P 29/00 (2006.01), A61P 31/00 (2006.01), A61P 31/04 (2006.01), A61P 31/12

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(51) C12P 5/00 (2006.01), C12P 5/02 (2006.01), C12P 7/40 (2006.01)
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(51) C23C 18/16 (2006.01), C23C 18/20 (2006.01), C23C 18/31 (2006.01), C25D 5/10 (2006.01), C25D 5/56 (2006.01), H01B 1/02 (2006.01), H05K 9/00 (2006.01), D01F 6/84 (2006.01), C09K 19/38 (2006.01)
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(51) B41C 1/00 (2006.01), B41J 3/407 (2006.01), B41C 1/05 (2006.01), B41C 1/10 (2006.01), B41C 1/18 (2006.01)
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(51) A61M 31/00 (2006.01)
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(21) **BR 11 2013 001716-3 1.1**
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(51) H04N 5/445 (2011.01), H04N 5/00 (2011.01), H04N 7/173 (2011.01)
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(21) **BR 11 2013 001718-0 1.1**
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(51) G09F 15/00 (2006.01), G09F 11/02 (2006.01)
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(51) C07D 233/90 (2006.01), C07D 401/04 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/10 (2006.01), C07D 405/12 (2006.01), C07D 405/14 (2006.01)
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(51) C08G 65/30 (2006.01), C08G 65/00 (2006.01)
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(51) A61F 5/443 (2006.01), A61F 5/445 (2006.01), A61L 24/04 (2006.01)
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(51) F42B 1/032 (2006.01)
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(21) **BR 11 2013 001728-7 1.1**
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(51) H04L 9/14 (2006.01), H04L 9/28 (2006.01), H04W 12/00 (2009.01)
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(51) H04N 13/02 (2006.01), G03B 35/18 (2006.01)
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(51) F02D 29/02 (2006.01), F02D 17/00 (2006.01), F02D 29/00 (2006.01)
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(51) H02P 29/00 (2006.01), B60L 15/20 (2006.01)
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(51) C11D 3/02 (2006.01)
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(51) A61L 29/14 (2006.01), A61M 25/00 (2006.01)
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(51) F02D 29/02 (2006.01), B60R 16/04 (2006.01), F02D 17/00 (2006.01), F02N 11/08 (2006.01), F02N 15/00 (2006.01)
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(51) C22C 38/00 (2006.01), C21D 8/12 (2006.01), H01F 1/16 (2006.01), H01F 1/18 (2006.01), C22C 38/04 (2006.01), C22C 38/60 (2006.01)
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(51) A61L 29/14 (2006.01), A61M 25/00 (2006.01)
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(51) B67C 3/26 (2006.01), B67C 3/22 (2006.01)
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(51) B01J 35/02 (2006.01), B01J 21/06 (2006.01), B01J 37/08 (2006.01), C09D 1/02 (2006.01), C09D 5/16 (2006.01), C09D 7/12 (2006.01)
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(51) F01D 11/00 (2006.01), F01D 5/22 (2006.01)
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(51) F16D 66/02 (2006.01), F16D 66/00 (2006.01), F16D 65/56 (2006.01)
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(51) A23L 1/236 (2006.01), A23G 3/38 (2006.01), A23G 3/42 (2006.01)
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(51) F04D 29/10 (2006.01), F04D 17/08 (2006.01), F04D 27/00 (2006.01)
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(51) G01R 33/02 (2006.01), G01R 33/12 (2006.01), H01F 41/00 (2006.01)
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(51) C07C 69/734 (2006.01), C07C 403/12 (2006.01), C07C 403/20 (2006.01), A61K 8/67 (2006.01), A61Q 19/08 (2006.01), C12P 7/62 (2006.01), C07D 309/40 (2006.01)
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(51) B01L 3/00 (2006.01)
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(51) C12P 19/44 (2006.01), C07H 99/00 (2006.01)
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(51) A61K 39/25 (2006.01), A61K 39/245 (2006.01), A61K 39/275 (2006.01), A61K 39/285 (2006.01), C12N 7/04 (2006.01)
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(51) H04N 7/32 (2006.01)
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(51) G01F 1/60 (2006.01)
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(51) F16F 9/342 (2006.01), B64C 25/58 (2006.01), F16F 9/18 (2006.01), F16F 9/44 (2006.01)
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(51) A61K 9/16 (2006.01), A61K 9/48 (2006.01), A61K 9/28 (2006.01), A61K 9/50 (2006.01)
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(51) B29C 47/50 (2006.01), C09J 123/12 (2006.01), B29C 47/92 (2006.01), B29C 47/10 (2006.01), B29C 47/38 (2006.01)
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(51) C21D 9/02 (2006.01), B21F 35/00 (2006.01), C21D 1/40 (2006.01), F16F 1/02 (2006.01)
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(51) H02H 3/04 (2006.01), H02H 3/06 (2006.01), H02H 3/08 (2006.01), H01H 47/32 (2006.01)
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(51) C07D 487/04 (2006.01), A61P 35/00 (2006.01)
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(51) F01L 7/12 (2006.01), F02B 33/04 (2006.01), F01L 7/02 (2006.01)
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(51) F27B 1/14 (2006.01), F27D 1/00 (2006.01), F27D 1/14 (2006.01), C21B 7/06 (2006.01)
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(51) C10G 1/02 (2006.01), C10G 1/04 (2006.01), C10G 1/06 (2006.01), C10G 1/10 (2006.01), C10L 1/02 (2006.01), C10L 1/04 (2006.01)
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(51) B32B 5/08 (2006.01), B32B 27/12 (2006.01), B32B 27/30 (2006.01), B32B 29/02 (2006.01), B42D 15/10 (2006.01), D21H 13/24 (2006.01), D21H 13/26 (2006.01), D21H 19/38 (2006.01), D21H 21/48 (2006.01)
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(51) E21B 33/12 (2006.01), E21B 23/06 (2006.01)
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(51) D21H 21/40 (2006.01), D21H 21/42 (2006.01), G07D 7/12 (2006.01), D21H 21/48 (2006.01)
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(51) C08G 18/62 (2006.01), C08F 2/38 (2006.01)
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(21) **BR 11 2013 002010-5 1.1**
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(51) B02C 18/18 (2006.01), B02C 18/14 (2006.01), B02C 18/00 (2006.01)
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(87) WO 2012/016762 de 09/02/2012

(21) **BR 11 2013 002012-1 1.1**
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(51) C07K 16/26 (2006.01)
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(21) **BR 11 2013 002022-9 1.1**
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(51) A61F 13/00 (2006.01), A61F 13/15 (2006.01), A61F 13/53 (2006.01), A61F 13/56 (2006.01)
(86) PCT JP2011/069861 de 25/08/2011
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(51) C01B 25/32 (2006.01), C01B 25/45 (2006.01), A61L 27/12 (2006.01)
(86) PCT IB2011/053362 de 28/07/2011
(87) WO 2012/014172 de 02/02/2012

(21) **BR 11 2013 002035-0 1.1**
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(51) B01D 53/14 (2006.01), B01D 53/62 (2006.01), B01D 53/75 (2006.01), F01K 23/10 (2006.01), F02C 6/18 (2006.01), F23J 15/04 (2006.01)
(86) PCT EP2011/062652 de 22/07/2011
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(21) **BR 11 2013 002037-7 1.1**
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(51) B23C 5/20 (2006.01), B23C 5/10 (2006.01)
(86) PCT EP2011/059753 de 13/06/2011
(87) WO 2012/013408 de 02/02/2012

(21) **BR 11 2013 002038-5 1.1**
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(51) G01N 33/543 (2006.01)
(86) PCT EP2011/062865 de 27/07/2011
(87) WO 2012/013693 de 02/02/2012

(21) **BR 11 2013 002050-4 1.1**
(51) H01F 27/40 (2006.01), H02B 7/00 (2006.01), H02G 5/06 (2006.01), H02B 5/00 (2006.01), H02B 13/035 (2006.01)
(86) PCT ES2010/070524 de 28/07/2010
(87) WO 2012/013831 de 02/02/2012

(21) **BR 11 2013 002051-2 1.1**
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(51) B41C 1/00 (2006.01)
(86) PCT EP2011/063625 de 08/08/2011
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(21) **BR 11 2013 002052-0 1.1**
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(51) H04M 3/42 (2006.01)
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(87) WO 2012/013468 de 02/02/2012

(21) **BR 11 2013 002053-9 1.1**
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(51) E02F 9/28 (2006.01)
(86) PCT AU2011/000942 de 28/07/2011
(87) WO 2012/012828 de 02/02/2012

(21) **BR 11 2013 002054-7 1.1**
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(51) H02K 1/28 (2006.01), H02K 1/27 (2006.01)
(86) PCT KR2011/005483 de 27/07/2011
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(51) H04N 7/26 (2006.01), H04N 7/50 (2006.01), H04N 7/36 (2006.01), H04N 7/46 (2006.01)
(86) PCT US11/044732 de 20/07/2011
(87) WO 2012/015650 de 02/02/2012

(21) **BR 11 2013 002056-3 1.1**
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(51) H04L 12/66 (2006.01), H04L 12/24 (2006.01)
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(87) WO 2012/015414 de 02/02/2012

(21) **BR 11 2013 002058-0 1.1**

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(51) H01F 30/12 (2006.01)
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(21) **BR 11 2013 002060-1 1.1**
(30) 27/07/2010 FR 1056140
(51) H01L 21/68 (2006.01), B65B 1/04 (2006.01), B65D 19/38 (2006.01), F25D 11/00 (2006.01), F25D 23/06 (2006.01), B65G 49/07 (2006.01)
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(21) **BR 11 2013 002061-0 1.1**
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(51) A61B 19/00 (2006.01), A61B 17/94 (2006.01), A61B 17/34 (2006.01), B25J 9/06 (2006.01), B25J 18/06 (2006.01)
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(21) **BR 11 2013 002062-8 1.1**
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(51) C08L 77/06 (2006.01), C08L 77/00 (2006.01), C08L 77/02 (2006.01), C08K 3/34 (2006.01), C08K 7/00 (2006.01), C08K 7/14 (2006.01), C08L 51/06 (2006.01)
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(21) **BR 11 2013 002063-6 1.1**
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(51) G06F 17/40 (2006.01), E21B 45/00 (2006.01), G01V 1/40 (2006.01), E21B 44/00 (2006.01)
(86) PCT AU11/000945 de 27/07/2011
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(21) **BR 11 2013 002064-4 1.1**
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(51) G01N 33/49 (2006.01), B01D 71/68 (2006.01), B01D 63/00 (2006.01), B01D 63/02 (2006.01), G01N 1/28 (2006.01)
(86) PCT US11/045541 de 27/07/2011
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(21) **BR 11 2013 002067-9 1.1**
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(51) C03C 4/00 (2006.01), C03C 14/00 (2006.01)
(86) PCT EP11/062868 de 27/07/2011
(87) WO 2012/013695 de 02/02/2012

(21) **BR 11 2013 002068-7 1.1**
(51) G05B 19/042 (2006.01), G05B 19/418 (2006.01)
(86) PCT EP2010/060892 de 27/07/2010
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(21) **BR 11 2013 002069-5 1.1**
(30) 26/07/2010 EP 10170791.7
(51) C08L 77/06 (2006.01), C08L 77/02 (2006.01), C08L 77/00 (2006.01), C08K 3/34 (2006.01), C08K 7/00 (2006.01)
(86) PCT EP11/062546 de 21/07/2011
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(21) **BR 11 2013 002070-9 1.1**
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(51) H04L 29/12 (2006.01), H04W 24/02 (2009.01), H04W 8/26 (2009.01), H04W 92/04 (2009.01), H04L 29/06 (2006.01)
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(21) **BR 11 2013 002072-5 1.1**
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(51) C03C 4/00 (2006.01), C03C 14/00 (2006.01)
(86) PCT EP11/062870 de 27/07/2011
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(21) **BR 11 2013 002073-3 1.1**
(30) 29/07/2010 EP 101711257.8
(51) C07D 215/40 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), A01N 43/42 (2006.01)
(86) PCT EP2011/063018 de 28/07/2011
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(21) **BR 11 2013 002074-1 1.1**
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(51) C07K 16/28 (2006.01), A61K 39/395 (2006.01)
(86) PCT US11/045768 de 28/07/2011
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(21) **BR 11 2013 002076-8 1.1**
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(51) F16J 15/56 (2006.01)
(86) PCT US11/001301 de 21/07/2011
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(21) **BR 11 2013 002077-6 1.1**
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(51) F01K 7/00 (2006.01), F01K 13/02 (2006.01), F01B 29/04 (2006.01), F04B 49/22 (2006.01)
(86) PCT GB11/051435 de 27/07/2011
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(21) **BR 11 2013 002079-2 1.1**
(30) 27/07/2010 US 61/368,042
(51) A61K 31/37 (2006.01), A61K 31/35 (2006.01), A61K 31/34 (2006.01), C07D 311/30 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/045526 de 27/07/2011
(87) WO 2012/015914 de 02/02/2012

(21) **BR 11 2013 002081-4 1.1**
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(51) A61B 17/70 (2006.01), A61B 17/16 (2006.01)
(86) PCT US2011/045615 de 27/07/2011
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(21) **BR 11 2013 002082-2 1.1**
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(51) G05B 19/10 (2006.01)
(86) PCT EP2011/003502 de 13/07/2011
(87) WO 2012/013299 de 02/02/2012

(21) **BR 11 2013 002093-8 1.1**
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(51) E21B 47/00 (2006.01), E21B 47/022 (2006.01), E21B 47/12 (2006.01), E21B 47/01 (2006.01)
(86) PCT US2011/045727 de 28/07/2011
(87) WO 2012/016045 de 02/02/2012

(21) **BR 11 2013 002094-6 1.1**
(30) 30/07/2010 NL 2005177
(51) B01D 61/10 (2006.01), B01D 61/20 (2006.01), B01D 65/00 (2006.01), C12H 1/06 (2006.01), B01D 65/02 (2006.01)
(86) PCT NL2011/050511 de 14/07/2011
(87) WO 2012/015298 de 02/02/2012

(21) **BR 11 2013 002095-4 1.1**
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(86) PCT JP2011/057942 de 30/03/2011
(87) WO 2012/131928 de 04/10/2012

(21) **BR 11 2013 002097-0 1.1**
(51) F16K 1/42 (2006.01), F16K 1/46 (2006.01), F16J 15/34 (2006.01)
(86) PCT CN2010/075607 de 30/07/2010
(87) WO 2012/012951 de 02/02/2012

(21) **BR 11 2013 002098-9 1.1**
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(51) E21B 21/00 (2006.01), E21B 21/06 (2006.01)
(86) PCT US2011/043193 de 07/07/2011
(87) WO 2012/015574 de 02/02/2012

(21) **BR 11 2013 002099-7 1.1**
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(51) C08F 283/06 (2006.01), C08F 290/06 (2006.01), C08F 2/00 (2006.01), C08F 4/34 (2006.01), C08G 18/63 (2006.01)
(86) PCT EP2011/063388 de 03/08/2011
(87) WO 2012/017019 de 09/02/2012

(21) **BR 11 2013 002101-2 1.1**
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(51) C08F 283/06 (2006.01), C08F 290/06 (2006.01), C08F 2/00 (2006.01), C08F 4/34 (2006.01), C08G 18/63 (2006.01)
(86) PCT EP2011/063385 de 03/08/2011
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(21) **BR 11 2013 002103-9 1.1**
(30) 11/08/2010 FR 1056568
(51) G06K 19/077 (2006.01), H01Q 1/22 (2006.01), H01Q 9/26 (2006.01), H01Q 11/08 (2006.01)
(86) PCT FR2011/051900 de 10/08/2011
(87) WO 2012/020203 de 16/02/2012

(21) **BR 11 2013 002105-5 1.1**
(30) 29/07/2010 EP 10171187.7
(51) C07C 209/48 (2006.01), C07C 209/84 (2006.01), C07C 211/11 (2006.01), C07C 255/24 (2006.01)
(86) PCT EP2011/062496 de 21/07/2011
(87) WO 2012/013563 de 02/02/2012

(21) **BR 11 2013 002107-1 1.1**
(30) 11/08/2010 FR 1056569
(51) G06K 19/077 (2006.01), H01Q 1/22 (2006.01), H01Q 9/26 (2006.01)
(86) PCT FR2011/051898 de 10/08/2011
(87) WO 2012/020202 de 16/02/2012

(21) **BR 11 2013 002108-0 1.1**
(30) 16/08/2010 DK PA 2010 70362
(51) A61F 5/44 (2006.01), A61F 13/02 (2006.01), A61F 17/00 (2006.01)
(86) PCT DK2011/050311 de 16/08/2011
(87) WO 2012/022354 de 23/02/2012

(21) **BR 11 2013 002110-1 1.1**
(30) 28/07/2010 EP 10171151.3
(51) B07B 13/10 (2006.01), B07B 13/11 (2006.01), B07B 13/16 (2006.01)
(86) PCT NL2011/050515 de 15/07/2011
(87) WO 2012/015299 de 02/02/2012

(21) **BR 11 2013 002111-0 1.1**
(30) 24/08/2010 FR 1056725
(51) B32B 17/10 (2006.01), G10K 11/168 (2006.01), G01N 19/00 (2006.01), C03C 27/12 (2006.01)
(86) PCT FR2011/051927 de 18/08/2011
(87) WO 2012/025685 de 01/03/2012

(21) **BR 11 2013 002112-8 1.1**
(30) 29/07/2010 US 61/368928
(51) C07D 213/82 (2006.01), C07D 295/04 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 405/12 (2006.01), C07D 409/12 (2006.01), C07D 413/12 (2006.01), C07D 471/10 (2006.01), A61K 31/4427 (2006.01), A61K 31/501 (2006.01), A61K 31/5377 (2006.01), A61P 3/10 (2006.01), A61P 9/10 (2006.01)
(86) PCT US2011/046019 de 29/07/2011
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(21) **BR 11 2013 002114-4 1.1**
(30) 20/09/2010 US 61/384,557
(51) G06G 7/48 (2006.01)
(86) PCT US2011/042408 de 29/06/2011
(87) WO 2012/039811 de 29/03/2012

(21) **BR 11 2013 002119-5 1.1**
(30) 27/07/2010 US 12/844,546
(51) A61M 5/165 (2006.01), A61J 1/20 (2006.01)
(86) PCT US2011/045281 de 26/07/2011
(87) WO 2012/015781 de 02/02/2012

(21) **BR 11 2013 002125-0 1.1**
(30) 10/08/2010 CN 201010249618.3; 06/12/2010 CN 201010589606.5
(51) C07D 493/10 (2006.01), C07H 7/04 (2006.01), A61K 31/357 (2006.01), A61K 31/35 (2006.01), A61P 3/10 (2006.01), A61P 3/04 (2006.01)
(86) PCT CN2011/076680 de 30/06/2011
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(21) **BR 11 2013 002137-3 1.1**
(30) 03/08/2010 US 61/730,250
(51) G06F 19/00 (2011.01)
(86) PCT US2011/045348 de 26/07/2011
(87) WO 2012/018617 de 09/02/2012

(21) **BR 11 2013 002138-1 1.1**
(51) G01F 1/84 (2006.01)
(86) PCT US2010/044071 de 02/08/2010
(87) WO 2012/018323 de 09/02/2012

(21) **BR 11 2013 002139-0 1.1**
(30) 30/07/2010 CH 1258/10
(51) F23H 7/08 (2006.01), F23H 17/00 (2006.01), F23H 3/04 (2006.01), F23H 17/08 (2006.01)
(86) PCT EP2011/062893 de 27/07/2011
(87) WO 2012/013700 de 02/02/2012

(21) **BR 11 2013 002141-1 1.1**
(30) 30/07/2010 CH 1258/10; 14/04/2011 CH 661/11
(51) F23H 17/08 (2006.01), F23H 7/08 (2006.01), F23H 3/02 (2006.01)
(86) PCT CH2011/000169 de 21/07/2011
(87) WO 2012/012909 de 02/02/2012

(21) **BR 11 2013 002142-0 1.1**
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(51) A63B 22/02 (2006.01)
(86) PCT US2011/045875 de 29/07/2011
(87) WO 2012/016132 de 02/02/2012

(21) **BR 11 2013 002143-8 1.1**
(30) 30/07/2010 FR 1056337
(51) F02C 7/20 (2006.01), B64D 27/26 (2006.01)
(86) PCT FR2011/051693 de 15/07/2011
(87) WO 2012/013889 de 02/02/2012

(21) **BR 11 2013 002144-6 1.1**
(30) 29/07/2010 FR 1056290; 01/04/2011 FR 1152836
(51) A61K 31/16 (2006.01), A61P 27/02 (2006.01)
(86) PCT FR2011/051639 de 08/07/2011
(87) WO 2012/013884 de 02/02/2012

(21) **BR 11 2013 002146-2 1.1**
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(51) A61B 17/60 (2006.01), A61B 17/64 (2006.01)
(86) PCT US2011/045723 de 28/07/2011
(87) WO 2012/016041 de 02/02/2012

(21) **BR 11 2013 002147-0 1.1**
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(51) A61B 17/072 (2006.01), A61B 17/00 (2006.01)
(86) PCT US2011/045313 de 26/07/2011
(87) WO 2012/015795 de 02/02/2012

(21) **BR 11 2013 002148-9 1.1**
(30) 29/07/2010 US 12/846,249
(51) A61B 17/072 (2006.01), A61B 17/00 (2006.01)
(86) PCT US2011/045319 de 26/07/2011
(87) WO 2012/015799 de 02/02/2012

(21) **BR 11 2013 002149-7 1.1**
(30) 29/07/2010 DE 10 2010 032 786.7
(51) C09D 5/08 (2006.01), B05D 7/00 (2006.01), C23F 11/167 (2006.01)
(86) PCT EP2011/062451 de 20/07/2011
(87) WO 2012/013555 de 02/02/2012

(21) **BR 11 2013 002150-0 1.1**
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(51) G02C 7/04 (2006.01), B05D 5/06 (2006.01), B29D 11/00 (2006.01)
(86) PCT US2011/045810 de 29/07/2011
(87) WO 2012/016098 de 02/02/2012

(21) **BR 11 2013 002151-9 1.1**
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(51) C09D 5/00 (2006.01)
(86) PCT EP2011/062480 de 20/07/2011
(87) WO 2012/013560 de 02/02/2012

(21) **BR 11 2013 002154-3 1.1**
(30) 30/07/2010 US 61/369,109
(51) C08F 26/02 (2006.01), C08F 226/00 (2006.01)
(86) PCT US2011/045809 de 29/07/2011
(87) WO 2012/016097 de 02/02/2012

(21) **BR 11 2013 002155-1 1.1**
(30) 29/07/2010 US 61/368,868; 20/06/2011 US 13/164,416
(51) G02B 3/14 (2006.01), G02C 7/00 (2006.01), A61F 2/16 (2006.01)
(86) PCT US2011/045155 de 25/07/2011
(87) WO 2012/015725 de 02/02/2012

(21) **BR 11 2013 002156-0 1.1**
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(51) B04B 11/08 (2006.01)
(86) PCT EP2011/062796 de 26/07/2011
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(21) **BR 11 2013 002157-8 1.1**
(30) 29/07/2010 FR 10 03191
(51) C10G 45/08 (2006.01), C10G 45/10 (2006.01), B01J 23/85 (2006.01), B01J 27/185 (2006.01), B01J 27/19 (2006.01), B01J 31/02 (2006.01), B01J 31/22 (2006.01), B01J 37/02 (2006.01), C07C 1/32 (2006.01)
(86) PCT FR2011/000366 de 24/06/2011
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(21) **BR 11 2013 002158-6 1.1**
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(51) C08F 210/06 (2006.01), C08J 5/18 (2006.01)
(86) PCT EP2011/063057 de 29/07/2011
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(21) **BR 11 2013 002159-4 1.1**
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(51) G02C 7/04 (2006.01), C08L 83/04 (2006.01)
(86) PCT US2011/044618 de 20/07/2011
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(21) **BR 11 2013 002160-8 1.1**
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(51) A47K 10/16 (2006.01), A47K 10/36 (2006.01)
(86) PCT FR2011/000412 de 12/07/2011
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(21) **BR 11 2013 002161-6 1.1**
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(21) **BR 11 2013 002162-4 1.1**
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(51) C10G 45/38 (2006.01), B01J 23/652 (2006.01), B01J 23/85 (2006.01), B01J 31/02 (2006.01), B01J 31/22 (2006.01), B01J 37/02 (2006.01), C07C 5/02 (2006.01)
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(21) **BR 11 2013 002163-2 1.1**
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(51) C08B 15/08 (2006.01), C08J 11/06 (2006.01), B82Y 30/00 (2011.01), D21C 5/00 (2006.01), D21C 11/00 (2006.01)
(86) PCT IL2011/000613 de 28/07/2011
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(21) **BR 11 2013 002164-0 1.1**
(30) 29/07/2010 EP 10171342.8; 31/03/2011 EP 11160738.8; 31/03/2011 EP 11160731.3; 31/03/2011 EP 11160728.9
(51) C07D 213/73 (2006.01), C07D 237/20 (2006.01), C07D 239/42 (2006.01), C07D 241/20 (2006.01), C07D 261/14 (2006.01), C07D 263/48 (2006.01), C07D 277/40 (2006.01), C07D 285/12 (2006.01), C07D 401/12 (2006.01), C07D 413/12 (2006.01), C07D 417/12 (2006.01), C07D 271/07 (2006.01), C07D 271/113 (2006.01), C07D 253/07 (2006.01), A61K 31/44 (2006.01)
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(21) **BR 11 2013 002166-7 1.1**
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(51) G10L 19/00 (2013.01), G10L 19/02 (2013.01)
(86) PCT US2011/045862 de 29/07/2011
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(21) **BR 11 2013 002168-3 1.1**
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(51) C10G 45/08 (2006.01), B01J 23/652 (2006.01), B01J 23/85 (2006.01), B01J 37/08 (2006.01)
(86) PCT FR2011/000368 de 24/06/2011
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(21) **BR 11 2013 002169-1 1.1**
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(86) PCT EP2011/063011 de 28/07/2011
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(51) A61B 17/072 (2006.01), A61B 17/295 (2006.01), A61B 17/00 (2006.01), A61B 17/29 (2006.01)
(86) PCT US2011/045311 de 26/07/2011
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(51) A23G 3/38 (2006.01), A23G 3/42 (2006.01)
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(21) **BR 11 2013 002179-9 1.1**
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(51) A61F 2/14 (2006.01)
(86) PCT US2011/045808 de 29/07/2011
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(21) **BR 11 2013 002182-9 1.1**
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(51) A01N 43/42 (2006.01), A61K 31/47 (2006.01)
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(21) **BR 11 2013 002194-2 1.1**
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(51) A61K 31/495 (2006.01), A61P 25/00 (2006.01)
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(21) **BR 11 2013 002195-0 1.1**
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(51) A61K 8/02 (2006.01), A61K 8/97 (2006.01), A61K 8/99 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01), A61K 8/66 (2006.01)
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(51) B60C 23/00 (2006.01)
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(21) **BR 11 2013 002199-3 1.1**
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(51) A61K 39/00 (2006.01), A61K 39/005 (2006.01), C07K 14/44 (2006.01), C12N 1/11 (2006.01)
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(51) E21B 47/12 (2006.01), H04B 3/54 (2006.01)
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(21) **BR 11 2013 002204-3 1.1**
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(51) B01L 3/00 (2006.01), G01N 33/543 (2006.01), G01N 35/00 (2006.01)
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(51) B23P 11/00 (2006.01), B23P 15/00 (2006.01), F01L 1/047 (2006.01), F16H 53/02 (2006.01)
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(51) B01J 23/30 (2006.01), B01J 23/42 (2006.01), C07C 29/00 (2006.01), C07C 31/20 (2006.01), C07C 45/60 (2006.01), C07C 47/19 (2006.01)
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(86) PCT US2011/045555 de 27/07/2011
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(51) H04W 68/00 (2009.01), H04W 28/02 (2009.01)
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(51) C08K 5/00 (2006.01), C08K 5/01 (2006.01), C08K 5/105 (2006.01), C08K 5/132 (2006.01), C08K 5/20 (2006.01), C08K 5/315 (2006.01), C08K 5/3435 (2006.01), C08K 5/3475 (2006.01), C08K 5/3492 (2006.01), C09K 11/06 (2006.01), F24J 2/06 (2006.01), H01L 31/00 (2006.01)
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(51) A61K 31/501 (2006.01), C07D 487/04 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/044926 de 22/07/2011
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(21) **BR 11 2013 002212-4 1.1**
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(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/12 (2006.01), C07D 405/14 (2006.01), A61K 31/4706 (2006.01), A61K 31/517 (2006.01), A61P 35/00 (2006.01)
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(51) C10G 47/20 (2006.01), B01J 23/652 (2006.01), B01J 23/85 (2006.01), B01J 37/08 (2006.01)
(86) PCT FR2011/000371 de 24/06/2011
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(21) **BR 11 2013 002214-0 1.1**
(30) 19/11/2010 JP 2010-259159
(51) G08G 1/16 (2006.01), G01C 21/26 (2006.01), G08G 1/09 (2006.01), B60R 21/00 (2006.01)
(86) PCT JP2011/076382 de 16/11/2011
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(21) **BR 11 2013 002215-9 1.1**
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(51) A61K 8/02 (2006.01), A61K 8/97 (2006.01), A61K 8/99 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01)
(86) PCT EP2011/063088 de 29/07/2011
(87) WO 2012/013776 de 02/02/2012

(21) **BR 11 2013 002216-7 1.1**
(30) 30/07/2010 EP 10171385.7
(51) A61K 8/02 (2006.01), A61K 8/97 (2006.01), A61K 8/99 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01)
(86) PCT EP2011/063063 de 29/07/2011
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(21) **BR 11 2013 002217-5 1.1**
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(51) C25B 3/00 (2006.01)
(86) PCT US2011/045534 de 27/07/2011
(87) WO 2012/015921 de 02/02/2012

(21) **BR 11 2013 002218-3 1.1**
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(51) A61M 35/00 (2006.01), A61K 9/70 (2006.01)
(86) PCT JP2011/067291 de 28/07/2011
(87) WO 2012/014986 de 02/02/2012

(21) **BR 11 2013 002219-1 1.1**
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(51) A23F 5/00 (2006.01)
(86) PCT US2011/049367 de 26/08/2011
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(21) **BR 11 2013 002220-5 1.1**
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(51) C07D 487/04 (2006.01), C07D 403/12 (2006.01), A61K 31/502 (2006.01), A61K 31/5025 (2006.01), A61P 35/00 (2006.01), A61P 43/00 (2006.01)
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(21) **BR 11 2013 002221-3 1.1**
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(51) C25B 3/04 (2006.01), C25B 1/00 (2006.01)
(86) PCT US2011/045515 de 27/07/2011
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(21) **BR 11 2013 002222-1 1.1**
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(51) F02B 67/06 (2006.01), F02B 61/02 (2006.01), F16H 7/08 (2006.01), F16H 7/18 (2006.01)
(86) PCT JP2012/061821 de 09/05/2012
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(21) **BR 11 2013 002223-0 1.1**
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(51) C08J 3/12 (2006.01), C08L 63/02 (2006.01), C08L 33/04 (2006.01), C08K 3/00 (2006.01), C08F 299/02 (2006.01)
(86) PCT US2011/045444 de 27/07/2011
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(30) 29/07/2010 BE 2010/470; 06/05/2011 EP 11165107.1; 06/05/2011 EP 11165073.5; 06/05/2011 EP 11165048.7
(51) C03C 17/36 (2006.01)
(86) PCT EP2011/063135 de 29/07/2011
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(21) **BR 11 2013 002225-6 1.1**
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(51) C07C 1/20 (2006.01)
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(21) **BR 11 2013 002226-4 1.1**
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(86) PCT US2010/043645 de 29/07/2010
(87) WO 2012/015408 de 02/02/2012

(21) **BR 11 2013 002227-2 1.1**
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(51) H01M 10/50 (2006.01), B60K 1/04 (2006.01)
(86) PCT EP2011/063124 de 29/07/2011
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(21) **BR 11 2013 002228-0 1.1**
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(51) H01H 85/044 (2006.01), H01H 85/165 (2006.01), H01H 85/20 (2006.01), H01H 85/00 (2006.01)
(86) PCT JP2011/004303 de 28/07/2011
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(21) **BR 11 2013 002229-9 1.1**
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(51) C09K 8/80 (2006.01), C09K 8/62 (2006.01)
(86) PCT US2011/045450 de 27/07/2011
(87) WO 2012/015860 de 02/02/2012

(21) **BR 11 2013 002230-2 1.1**
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(51) G01N 33/68 (2006.01), G01N 30/72 (2006.01), G01N 33/15 (2006.01)
(86) PCT US2011/045724 de 28/07/2011
(87) WO 2012/016042 de 02/02/2012

(21) **BR 11 2013 002231-0 1.1**
(30) 29/07/2010 US 12/846,011
(51) C25B 3/04 (2006.01)
(86) PCT US2011/045521 de 27/07/2011
(87) WO 2012/015909 de 02/02/2012

(21) **BR 11 2013 002232-9 1.1**
(51) A61C 17/00 (2006.01), A61K 8/27 (2006.01), A61K 8/34 (2006.01), A61K 8/41 (2006.01), A61K 8/60 (2006.01), A61K 8/90 (2006.01), A61K 8/97 (2006.01), A61Q 11/00 (2006.01)
(86) PCT US2010/043825 de 30/07/2010
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(21) **BR 11 2013 002233-7 1.1**
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(51) A61M 5/32 (2006.01)
(86) PCT US2011/044668 de 20/07/2011
(87) WO 2012/015644 de 02/02/2012

(21) **BR 11 2013 002234-5 1.1**
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(51) B21F 3/02 (2006.01), B21F 35/00 (2006.01), F16F 1/06 (2006.01)
(86) PCT JP2011/067362 de 28/07/2011
(87) WO 2012/015009 de 02/02/2012

(21) **BR 11 2013 002235-3 1.1**
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(51) C08G 18/54 (2006.01), C08G 18/76 (2006.01), B22C 1/22 (2006.01), C08K 3/34 (2006.01)
(86) PCT DE2011/001525 de 28/07/2011
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(21) **BR 11 2013 002236-1 1.1**
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(51) C08J 7/04 (2006.01), C08J 7/06 (2006.01), C08J 7/12 (2006.01), B81C 1/00 (2006.01)
(86) PCT EP2011/003855 de 01/08/2011
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(21) **BR 11 2013 002238-8 1.1**
(51) G01V 3/26 (2006.01)
(86) PCT US2010/043853 de 30/07/2010
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(21) **BR 11 2013 002240-0 1.1**
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(51) B65D 43/24 (2006.01), B65D 17/50 (2006.01)
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(21) **BR 11 2013 002241-8 1.1**
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(51) B29B 7/18 (2006.01), B29B 7/24 (2006.01), F15B 15/24 (2006.01)
(86) PCT IB2011/052737 de 22/06/2011
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(21) **BR 11 2013 002242-6 1.1**
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(51) C23C 16/27 (2006.01), C23C 16/52 (2006.01), C23C 16/30 (2006.01)
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(21) **BR 11 2013 002243-4 1.1**
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(51) A61K 8/41 (2006.01), A61Q 5/02 (2006.01), A61Q 5/12 (2006.01), A61Q 19/00 (2006.01), C07C 217/08 (2006.01)
(86) PCT US2011/046912 de 08/08/2011
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(21) **BR 11 2013 002244-2 1.1**
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(51) B01J 31/24 (2006.01), B01J 31/40 (2006.01), C07C 29/149 (2006.01)
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(21) **BR 11 2013 002245-0 1.1**
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(51) C08G 18/08 (2006.01)
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(87) WO 2012/015538 de 02/02/2012

(21) **BR 11 2013 002246-9 1.1**
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(51) A01P 13/00 (2006.01), A01N 25/30 (2006.01), A01N 57/20 (2006.01), C08L 39/06 (2006.01), A61K 47/32 (2006.01)

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(21) **BR 11 2013 002247-7 1.1**
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(51) C02F 1/04 (2006.01), C02F 1/20 (2006.01), C02F 1/02 (2006.01), C02F 9/00 (2006.01), B01D 11/04 (2006.01), B01D 3/38 (2006.01), C02F 1/72 (2006.01), C02F 3/00 (2006.01), C07C 201/16 (2006.01), C02F 1/78 (2006.01), C02F 101/38 (2006.01), C02F 103/36 (2006.01)
(86) PCT EP2011/063835 de 11/08/2011
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(51) G06F 13/00 (2006.01)
(86) PCT JP2011/067130 de 27/07/2011
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(51) F16L 55/163 (2006.01), F16L 55/164 (2006.01), F16L 55/162 (2006.01)
(86) PCT US2011/046159 de 01/08/2011
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(21) **BR 11 2013 002262-0 1.1**
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(51) F16L 55/18 (2006.01), F16L 55/26 (2006.01), F16L 41/02 (2006.01), F16L 55/163 (2006.01)
(86) PCT US2011/046164 de 01/08/2011
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(51) H04N 7/08 (2006.01), H04H 20/86 (2008.01), H04N 7/015 (2006.01), H04N 5/46 (2006.01)
(86) PCT KR2011/005663 de 01/08/2011
(87) WO 2012/015288 de 02/02/2012

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(51) G06Q 10/00 (2006.01), G06F 11/34 (2006.01), H04L 29/08 (2006.01)
(86) PCT EP2011/061459 de 07/07/2011
(87) WO 2012/016782 de 09/02/2012

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(51) G01N 33/573 (2006.01)
(86) PCT US2011/045842 de 29/07/2011
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(51) A61K 9/20 (2006.01), A61K 9/28 (2006.01), A61K 31/519 (2006.01), A61K 49/00 (2006.01), A61K 9/48 (2006.01)
(86) PCT IB2011/001843 de 10/08/2011
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(51) C08F 236/04 (2006.01), C08F 210/00 (2006.01), C08K 3/00 (2006.01), C08L 9/00 (2006.01)
(86) PCT JP2011/004229 de 26/07/2011
(87) WO 2012/014459 de 02/02/2012

(21) **BR 11 2013 002290-6 1.1**
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(51) C08F 297/00 (2006.01), C08F 210/00 (2006.01), C08F 236/04 (2006.01)
(86) PCT JP2011/004139 de 22/07/2011
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(21) **BR 11 2013 002291-4 1.1**
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(51) C08F 297/08 (2006.01), C08F 236/04 (2006.01)
(86) PCT JP2011/004227 de 26/07/2011
(87) WO 2012/014457 de 02/02/2012

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(51) D21H 27/02 (2006.01), D21H 27/00 (2006.01), B31F 1/07 (2006.01), D21F 11/00 (2006.01)
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(51) A61K 31/381 (2006.01), A61K 31/175 (2006.01), C07D 333/10 (2006.01), A61P 9/10 (2006.01), A61P 9/00 (2006.01)
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(51) B29D 11/00 (2006.01), B29C 33/38 (2006.01), G02B 1/04 (2006.01), B65B 25/00 (2006.01)
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(51) F04D 3/02 (2006.01), F04D 7/00 (2006.01)
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(51) B29D 11/00 (2006.01), B29C 33/38 (2006.01)
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(51) B29D 11/00 (2006.01), B29C 33/38 (2006.01), G02B 1/04 (2006.01)
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(51) H01Q 9/27 (2006.01), H01Q 1/38 (2006.01)
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(51) G06F 1/28 (2006.01), G01R 21/06 (2006.01), G06F 19/00 (2011.01)
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(51) B04B 1/20 (2006.01), B04B 7/12 (2006.01)
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(51) A01N 43/90 (2006.01), A61K 31/505 (2006.01), A61K 31/519 (2006.01)
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(51) B60G 3/20 (2006.01), F16H 57/04 (2010.01), B60K 17/34 (2006.01)
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(51) D21H 17/70 (2006.01), C01F 11/18 (2006.01)
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(51) B64C 27/10 (2006.01), B64D 35/08 (2006.01)
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(51) G01S 5/00 (2006.01), G01S 19/43 (2010.01), G01S 5/14 (2010.01)
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(51) B64C 27/10 (2006.01), B64D 35/08 (2006.01), B64C 27/08 (2006.01), B64C 27/12 (2006.01)
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(51) F16J 15/12 (2006.01), F01N 13/08 (2010.01), F16J 15/10 (2006.01)
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(51) E03F 5/04 (2006.01), A47K 3/40 (2006.01)
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(51) A61F 13/514 (2006.01)
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(51) C07D 239/47 (2006.01), A01N 43/54 (2006.01), A01P 3/00 (2006.01)
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(51) C03B 5/43 (2006.01), C04B 35/101 (2006.01), C04B 35/105 (2006.01), C04B 35/106 (2006.01), C04B 35/12 (2006.01), C04B 35/66 (2006.01)
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(51) C03B 5/43 (2006.01), C04B 35/101 (2006.01), C04B 35/105 (2006.01), C04B 35/106 (2006.01), C04B 35/12 (2006.01), C04B 35/66 (2006.01)
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(51) G06Q 50/00 (2006.01), B60L 11/18 (2006.01), H02J 3/00 (2006.01), H02J 7/00 (2006.01), H02J 13/00 (2006.01)
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(51) H01R 12/57 (2011.01)
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(51) C07D 498/14 (2006.01), A61K 31/5365 (2006.01), A61P 31/18 (2006.01), A61P 43/00 (2006.01), C07D 211/94 (2006.01)
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(51) F16H 7/08 (2006.01), F02B 67/06 (2006.01)
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(51) G05B 23/02 (2006.01), G08C 17/02 (2006.01)
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(51) F02B 67/06 (2006.01), F16H 7/08 (2006.01)
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(51) E21B 47/06 (2006.01), E21B 47/10 (2006.01), G01N 9/00 (2006.01), E21B 47/18 (2006.01), G01K 11/26 (2006.01)
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(21) **BR 11 2013 002470-4 1.1**
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(51) F16B 31/04 (2006.01), F16B 37/04 (2006.01), F16B 39/32 (2006.01)
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(21) **BR 11 2013 002471-2 1.1**
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(51) C04B 24/04 (2006.01), C04B 28/02 (2006.01), C04B 40/00 (2006.01)
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(21) **BR 11 2013 002472-0 1.1**
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(51) D01F 2/00 (2006.01), D01F 2/06 (2006.01), D01F 2/02 (2006.01), D02G 3/48 (2006.01)
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(51) C01B 7/01 (2006.01), F23G 5/08 (2006.01), A62D 3/19 (2007.01), C01B 7/07 (2006.01)
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(51) C10G 29/00 (2006.01), C10G 31/10 (2006.01), B01F 7/26 (2006.01)
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(51) C10M 107/30 (2006.01)
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(51) B60R 19/03 (2006.01), B62D 21/15 (2006.01)
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(51) G01N 15/02 (2006.01), G01N 15/06 (2006.01)
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(51) H04J 99/00 (2009.01), H04B 7/04 (2006.01)
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(51) A61K 8/891 (2006.01), A61K 8/898 (2006.01), A61K 8/96 (2006.01), A61Q 1/12 (2006.01)
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(51) C07C 1/20 (2006.01), C07C 4/06 (2006.01), C07C 11/06 (2006.01)
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(51) G06F 3/041 (2006.01), G06F 3/0481 (2013.01), G06F 3/0486 (2013.01), G06F 3/0488 (2013.01)
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(21) **BR 11 2013 002555-7 1.1**
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(51) H01B 7/29 (2006.01), H01B 11/02 (2006.01)
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(21) **BR 11 2013 002557-3 1.1**
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(51) C09D 7/02 (2006.01), C09D 201/00 (2006.01), C09D 5/00 (2006.01)
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(51) B32B 27/30 (2006.01), B32B 27/36 (2006.01)
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(51) F25C 1/00 (2006.01)
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(51) B01D 17/12 (2006.01)
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(51) B23P 19/04 (2006.01), B25B 27/12 (2006.01)
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(21) **BR 11 2013 002566-2 1.1**
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(51) F25C 1/00 (2006.01)
(86) PCT US2011/046121 de 01/08/2011
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(21) **BR 11 2013 002567-0 1.1**
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(51) H01R 12/71 (2011.01), H01R 12/51 (2011.01), H01R 13/03 (2006.01)
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(21) **BR 11 2013 002568-9 1.1**
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(51) F16L 58/00 (2006.01)
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(51) F25B 21/00 (2006.01)
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(51) H04N 21/462 (2011.01), H04N 21/8547 (2011.01)
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(21) **BR 11 2013 002575-1 1.1**
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(51) F16F 9/348 (2006.01), F16F 9/46 (2006.01), F16F 9/516 (2006.01)
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(51) H04W 4/02 (2009.01)
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(86) PCT IT2010/000351 de 03/08/2010
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(21) **BR 11 2013 002582-4 1.1**
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(51) B29B 9/12 (2006.01), B01J 2/30 (2006.01)
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(21) **BR 11 2013 002583-2 1.1**
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(51) C21D 8/12 (2006.01), C22C 38/00 (2006.01), C22C 38/06 (2006.01), C22C 38/38 (2006.01), H01F 1/16 (2006.01)
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(21) **BR 11 2013 002584-0 1.1**
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(51) F21V 3/04 (2006.01), F21V 9/08 (2006.01), F21V 11/00 (2006.01)
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(51) C25D 5/26 (2006.01), B21D 22/20 (2006.01), C22C 18/00 (2006.01), C22C 19/03 (2006.01), C22C 38/00 (2006.01), C22C 38/60 (2006.01)
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(51) C07D 401/14 (2006.01), C07F 9/6568 (2006.01), A61K 31/506 (2006.01), A61P 35/00 (2006.01)
(86) PCT GB2011/051465 de 02/08/2011
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(51) A61M 16/06 (2006.01), A61M 16/14 (2006.01)
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(51) C07D 257/04 (2006.01), A61K 31/41 (2006.01), A61P 9/12 (2006.01)
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(51) C08F 10/14 (2006.01), C08L 23/18 (2006.01), C10M 143/08 (2006.01)
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(51) C08J 5/18 (2006.01), C08J 7/04 (2006.01), B29D 7/01 (2006.01), G02F 1/15 (2006.01)
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(51) F02M 65/00 (2006.01)
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(51) C22C 38/00 (2006.01), C21D 8/12 (2006.01), H01F 1/16 (2006.01), C22C 38/60 (2006.01)
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(51) H04J 99/00 (2009.01), H04B 7/04 (2006.01), H04J 11/00 (2006.01)
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(51) C07C 263/20 (2006.01), C07C 263/04 (2006.01), C07C 265/14 (2006.01)
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(51) C07C 43/04 (2006.01), A61K 8/33 (2006.01), A61Q 1/00 (2006.01), A61Q 1/06 (2006.01), A61Q 5/12 (2006.01), A61Q 15/00 (2006.01), A61Q 17/04 (2006.01), A61Q 19/00 (2006.01)
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(51) B01F 3/08 (2006.01), B01F 15/00 (2006.01), B01J 4/00 (2006.01), B01J 8/00 (2006.01), C08F 2/01 (2006.01), C08F 2/34 (2006.01), C08F 10/00 (2006.01)
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(21) **BR 11 2013 002638-3 1.1**
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(51) A61F 2/88 (2006.01), A61F 2/00 (2006.01)
(86) PCT US11/046294 de 02/08/2011
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(21) **BR 11 2013 002640-5 1.1**
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(51) A61K 9/16 (2006.01), A61K 31/4748 (2006.01), A61P 31/04 (2006.01), A61P 31/06 (2006.01)
(86) PCT IB11/053470 de 04/08/2011
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(51) H01H 9/00 (2006.01), H01F 29/04 (2006.01), H01H 33/16 (2006.01), H01H 33/664 (2006.01)
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(21) **BR 11 2013 002651-0 1.1**
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(51) C07D 231/22 (2006.01), A61P 25/16 (2006.01), A61P 25/00 (2006.01), A61K 31/4152 (2006.01)
(86) PCT EP2011/063583 de 08/08/2011
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(21) **BR 11 2013 002652-9 1.1**
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(51) G01F 1/36 (2006.01), G01F 1/44 (2006.01), G01F 1/704 (2006.01), G01F 1/74 (2006.01), G01F 5/00 (2006.01), G01F 25/00 (2006.01), G01F 1/34 (2006.01)
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(51) A61K 31/05 (2006.01), A61K 31/122 (2006.01), A61K 31/167 (2006.01), A61K 31/277 (2006.01), A61K 31/4166 (2006.01), A61K 31/565 (2006.01), A61K 31/57 (2006.01), A61K 31/58 (2006.01), A61K 31/6615 (2006.01), A61K 38/09 (2006.01), A61K 45/06 (2006.01), A61K 49/00 (2006.01), G01N 33/50 (2006.01), A61P 35/00 (2006.01)
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(51) F16B 31/02 (2006.01)
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(51) A61K 35/12 (2006.01), A61K 35/24 (2006.01), B65D 81/18 (2006.01), A61J 1/00 (2006.01), C12M 1/00 (2006.01)
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(86) PCT FR11/051850 de 01/08/2011
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(51) B41F 5/24 (2006.01), B41F 13/008 (2006.01), B41F 13/10 (2006.01), B41F 13/20 (2006.01), B41F 13/36 (2006.01)
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(51) C22B 7/00 (2006.01), C22B 21/00 (2006.01)
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(51) F24F 3/16 (2006.01)
(86) PCT US2011/046442 de 03/08/2011
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(86) PCT US10/002167 de 04/08/2010
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(51) C08L 23/00 (2006.01), C08L 33/08 (2006.01), C08L 33/10 (2006.01), C08L 75/16 (2006.01), H01B 3/30 (2006.01), H01B 3/44 (2006.01)
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(21) **BR 11 2013 002681-2 1.1**
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(51) G06F 3/00 (2006.01)
(86) PCT US2010/050764 de 29/09/2010
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(21) **BR 11 2013 002682-0 1.1**
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(51) H04W 4/00 (2009.01), H04W 8/08 (2009.01), H04W 24/02 (2009.01)
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(51) F03B 13/20 (2006.01)
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(51) F03B 13/20 (2006.01)
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(51) A23K 1/00 (2006.01), A23K 1/18 (2006.01)
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(51) H04L 29/06 (2006.01)
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(51) B60C 15/00 (2006.01), B60C 13/00 (2006.01)
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(51) B60C 13/00 (2006.01)
(86) PCT JP2011/067993 de 05/08/2011
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(21) **BR 11 2013 002689-8 1.1**
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(51) H04W 72/12 (2009.01)
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(51) E21B 19/24 (2006.01), E21B 17/10 (2006.01)
(86) PCT NO2011/000220 de 05/08/2011
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(51) H04L 27/26 (2006.01)
(86) PCT US2011/046654 de 04/08/2011
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(21) **BR 11 2013 002692-8 1.1**
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(51) H04L 29/06 (2006.01)
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(21) **BR 11 2013 002693-6 1.1**
(30) 05/08/2010 US 61/371,125; 06/06/2011 US 13/154,285; 06/06/2011 US 13/154,247
(51) H04N 7/26 (2006.01)
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(21) **BR 11 2013 002694-4 1.1**
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(51) C21B 7/12 (2006.01), F27B 1/21 (2006.01), F27D 3/15 (2006.01), E21B 7/02 (2006.01)
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(51) A61K 8/27 (2006.01), A61K 8/49 (2006.01), A61K 8/63 (2006.01), A61K 8/97 (2006.01), A61Q 7/00 (2006.01)
(86) PCT IB11/053364 de 28/07/2011
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(21) **BR 11 2013 002699-5 1.1**
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(51) C09K 8/528 (2006.01), C02F 5/12 (2006.01), E21B 47/10 (2006.01), G01N 21/64 (2006.01)

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(51) A61F 2/90 (2013.01)
(86) PCT US11/046303 de 02/08/2011
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(21) **BR 11 2013 002701-0 1.1**
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(51) C21B 5/00 (2006.01), C21B 7/00 (2006.01), C22B 4/00 (2006.01), C22B 7/00 (2006.01), C22B 9/00 (2006.01)
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(51) C07C 29/70 (2006.01), C07C 37/66 (2006.01), C07C 57/12 (2006.01), C08K 5/098 (2006.01), C08K 5/138 (2006.01), C07C 51/41 (2006.01)
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(51) B01D 3/00 (2006.01), B01D 5/00 (2006.01), B01D 53/14 (2006.01)
(86) PCT US2011/046598 de 04/08/2011
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(21) **BR 11 2013 002706-1 1.1**
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(51) G01M 3/20 (2006.01)
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(21) **BR 11 2013 002707-0 1.1**
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(51) F16M 13/02 (2006.01), G06F 1/16 (2006.01), F16M 11/10 (2006.01)
(86) PCT US2011/001322 de 27/07/2011
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(21) **BR 11 2013 002709-6 1.1**
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(51) G09G 5/00 (2006.01)
(86) PCT US2011/044524 de 19/07/2011
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(21) **BR 11 2013 002710-0 1.1**
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(51) C08K 3/34 (2006.01)
(86) PCT EP11/063405 de 03/08/2011
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(51) B32B 27/00 (2006.01), B32B 29/00 (2006.01), B65D 5/00 (2006.01), B65D 65/40 (2006.01)
(86) PCT EP2011/003913 de 04/08/2011
(87) WO 2012/016701 de 09/02/2012

(21) **BR 11 2013 002713-4 1.1**
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(51) B32B 38/04 (2006.01), B65D 5/74 (2006.01), B32B 3/10 (2006.01)
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(51) B32B 38/04 (2006.01), B32B 3/10 (2006.01), B65D 5/74 (2006.01)
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(21) **BR 11 2013 002720-7 1.1**
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(51) A61F 2/90 (2013.01)
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(87) WO 2012/018329 de 09/02/2012

(21) **BR 11 2013 002722-3 1.1**
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(51) E21B 47/02 (2006.01), E21B 47/12 (2006.01), E21B 7/06 (2006.01), E21B 43/00 (2006.01)
(86) PCT US11/046431 de 03/08/2011
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(21) **BR 11 2013 002723-1 1.1**
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(51) B08B 15/02 (2006.01), C21C 5/40 (2006.01)
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(21) **BR 11 2013 002727-4 1.1**
(51) H02J 3/18 (2006.01), H02J 3/50 (2006.01), F03D 9/00 (2006.01)
(86) PCT EP10/061233 de 02/08/2010
(87) WO 2012/016585 de 09/02/2012

(21) **BR 11 2013 002728-2 1.1**
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(51) B32B 15/20 (2006.01), B32B 27/32 (2006.01), B32B 27/36 (2006.01), B65D 83/62 (2006.01), B32B 15/08 (2006.01), B32B 27/04 (2006.01), B32B 27/40 (2006.01), B65D 83/38 (2006.01)
(86) PCT EP2011/063473 de 04/08/2011
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(86) PCT US2010/044356 de 04/08/2010
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(51) C08F 110/06 (2006.01), C08J 5/18 (2006.01), C08K 5/00 (2006.01), H01B 3/44 (2006.01)
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(21) **BR 11 2013 002731-2 1.1**
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(51) F25B 13/00 (2006.01), F25B 1/00 (2006.01)
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(51) A61F 2/90 (2013.01)
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(51) B64C 3/56 (2006.01), B64C 3/18 (2006.01)
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(51) B03C 11/00 (2006.01)
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(51) C08K 3/34 (2006.01)
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(87) WO 2012/017026 de 09/02/2012

(21) **BR 11 2013 002738-0 1.1**
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(51) C07K 14/47 (2006.01), C12Q 1/68 (2006.01), C07K 16/18 (2006.01), C07K 16/30 (2006.01)
(86) PCT GB11/001173 de 04/08/2011
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(51) A61K 39/00 (2006.01), A61K 48/00 (2006.01), C12P 21/08 (2006.01)
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(21) **BR 11 2013 002764-9 1.1**
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(51) A61K 39/395 (2006.01), C07K 16/22 (2006.01)
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(51) A61F 2/44 (2006.01), A61F 2/46 (2006.01)
(86) PCT IB2011/053143 de 14/07/2011
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(21) **BR 11 2013 002768-1 1.1**
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(51) A23G 4/18 (2006.01), A23G 4/06 (2006.01), A23G 4/08 (2006.01)
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(51) B05B 11/00 (2006.01), B05B 11/04 (2006.01), G01F 11/02 (2006.01), G01F 11/26 (2006.01), G01F 11/28 (2006.01)
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(51) D06F 58/06 (2006.01), D06F 37/02 (2006.01), D06F 58/04 (2006.01), D06F 58/02 (2006.01)
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(51) A01N 43/58 (2006.01), A01N 43/60 (2006.01), A61K 31/53 (2006.01)
(86) PCT US2011/046711 de 05/08/2011
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(51) E21B 19/00 (2006.01), E21B 33/035 (2006.01), E21B 33/038 (2006.01)
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(51) B63B 25/00 (2006.01), A01K 1/02 (2006.01), A01K 5/00 (2006.01), A01K 7/00 (2006.01), A01K 9/00 (2006.01), B60P 3/04 (2006.01)
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(51) B63B 25/00 (2006.01), B65D 85/50 (2006.01), B65D 6/00 (2006.01), A01K 1/02 (2006.01)
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(51) H01H 47/00 (2006.01), H01H 47/32 (2006.01), H01H 9/54 (2006.01), H01H 33/59 (2006.01)
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(51) C07D 403/12 (2006.01), A61K 31/506 (2006.01), A61P 25/00 (2006.01)
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(51) H04H 20/02 (2008.01), H04N 5/262 (2006.01)
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(51) E21B 10/60 (2006.01), E21B 21/08 (2006.01)
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(51) A01N 63/00 (2006.01), C12N 1/20 (2006.01), C12R 1/125 (2006.01), C12R 1/10 (2006.01), A01P 5/00 (2006.01)
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(51) F16L 13/02 (2006.01), F16L 47/03 (2006.01)
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(51) A23C 3/02 (2006.01), A23C 9/154 (2006.01)
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(21) **BR 11 2013 002861-0 1.1**
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(51) A24B 15/28 (2006.01), A24B 13/00 (2006.01)
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(51) E04B 1/344 (2006.01)
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(51) B65D 17/34 (2006.01)
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(51) A61L 9/01 (2006.01), A61L 9/14 (2006.01)
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(51) C08F 10/06 (2006.01), C08F 4/651 (2006.01), C08F 4/646 (2006.01)
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(21) **BR 11 2013 002869-6 1.1**
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(51) C01B 33/12 (2006.01), C01B 33/16 (2006.01)
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(21) **BR 11 2013 002870-0 1.1**
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(51) A21B 3/15 (2006.01), A23L 1/00 (2006.01), A23L 1/01 (2006.01), A23L 1/22 (2006.01), A23L 1/31 (2006.01), A23L 1/314 (2006.01), A23L 1/325 (2006.01)
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(21) **BR 11 2013 002871-8 1.1**
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(51) C07D 413/12 (2006.01), C07D 413/14 (2006.01), A01N 43/80 (2006.01)
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(21) **BR 11 2013 002872-6 1.1**
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(51) C08F 10/06 (2006.01), C08F 4/651 (2006.01), C08F 4/646 (2006.01), C08F 4/654 (2006.01)
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(21) **BR 11 2013 002874-2 1.1**
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(51) C22C 38/00 (2006.01), B23K 15/00 (2006.01), B23K 26/00 (2006.01), C21D 8/12 (2006.01), C22C 38/04 (2006.01), C22C 38/60 (2006.01), H01F 1/16 (2006.01)
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(21) **BR 11 2013 002875-0 1.1**
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(51) A23L 1/09 (2006.01), A23L 1/308 (2006.01)
(86) PCT US11/045830 de 29/07/2011
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(21) **BR 11 2013 002876-9 1.1**
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(51) A23G 9/38 (2006.01), A23G 9/40 (2006.01)
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(21) **BR 11 2013 002877-7 1.1**
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(51) C07C 50/00 (2006.01)
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(51) C07D 235/02 (2006.01)
(86) PCT US2011/045703 de 28/07/2011
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(21) **BR 11 2013 002910-2 1.1**
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(51) F02F 11/00 (2006.01), F16J 15/08 (2006.01)
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(51) G06F 9/44 (2006.01)
(86) PCT CN2011/080322 de 28/09/2011
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(86) PCT CN2011/078746 de 23/08/2011
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(51) C07D 211/22 (2006.01), A61K 31/445 (2006.01), A61P 35/00 (2006.01), A61P 35/02 (2006.01)
(86) PCT GB2011/051484 de 05/08/2011
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(51) C08G 77/46 (2006.01), C08J 9/00 (2006.01), C08G 77/38 (2006.01)
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(51) G08B 21/02 (2006.01), G08B 13/196 (2006.01), H04N 7/18 (2006.01)
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(51) F27B 1/20 (2006.01), C21B 7/20 (2006.01), F27D 3/00 (2006.01), F27D 3/10 (2006.01)
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(51) H01R 13/44 (2006.01), H01R 13/502 (2006.01), H01R 13/53 (2006.01), H01R 13/641 (2006.01)
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(51) C21B 7/20 (2006.01), F27B 1/20 (2006.01), F27D 3/10 (2006.01), F27D 3/00 (2006.01)
(86) PCT EP11/062282 de 18/07/2011
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(51) B65B 31/02 (2006.01), B65D 47/32 (2006.01)
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(51) A61K 39/39 (2006.01), A61K 39/106 (2006.01), A61K 39/395 (2006.01), A61K 39/00 (2006.01), A61K 39/112 (2006.01), A61K 39/02 (2006.01), A61K 39/12 (2006.01)
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(51) E21B 10/567 (2006.01), E21B 10/62 (2006.01)
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(51) E21B 47/12 (2006.01), E21B 47/01 (2006.01), E21B 47/00 (2006.01)
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(21) **BR 11 2013 002944-7 1.1**
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(51) E21B 10/567 (2006.01), E21B 10/62 (2006.01)
(86) PCT US11/047610 de 12/08/2011
(87) WO 2012/021821 de 16/02/2012

(21) **BR 11 2013 002945-5 1.1**
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(51) A61K 41/00 (2006.01), A61K 48/00 (2006.01), C12N 15/87 (2006.01), A61P 27/02 (2006.01)
(86) PCT EP11/063631 de 08/08/2011
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(21) **BR 11 2013 002947-1 1.1**
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(51) H04L 1/16 (2006.01)
(86) PCT CN11/077191 de 15/07/2011
(87) WO 2012/022208 de 23/02/2012

(21) **BR 11 2013 002948-0 1.1**
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(51) H04L 12/403 (2006.01), H04L 12/423 (2006.01)
(86) PCT CN2011/078002 de 04/08/2011
(87) WO 2012/016533 de 09/02/2012

(21) **BR 11 2013 002953-6 1.1**
(30) 13/08/2010 EP 10172747.7
(51) C07D 471/10 (2006.01), A61P 3/10 (2006.01), A61K 31/438 (2006.01)
(86) PCT EP11/063727 de 10/08/2011
(87) WO 2012/020035 de 16/02/2012

(21) **BR 11 2013 002954-4 1.1**
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(51) F01N 1/00 (2006.01), F01N 5/02 (2006.01)
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(21) **BR 11 2013 002956-0 1.1**
(51) B65G 1/137 (2006.01), B65G 1/04 (2006.01), B66F 9/07 (2006.01), A47B 96/02 (2006.01)
(86) PCT ES10/070549 de 12/08/2010

(87) WO 2012/020149 de 16/02/2012

(21) **BR 11 2013 002957-9 1.1**
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(51) C07D 239/22 (2006.01), C07D 239/70 (2006.01), C07D 403/12 (2006.01), C07D 405/12 (2006.01), C07D 409/12 (2006.01), C07D 413/12 (2006.01), C07D 417/12 (2006.01), A61K 31/513 (2006.01), A61P 3/10 (2006.01)
(86) PCT EP11/063498 de 05/08/2011
(87) WO 2012/019966 de 16/02/2012

(21) **BR 11 2013 002959-5 1.1**
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(51) B05B 11/00 (2006.01), B05B 11/04 (2006.01), G01F 11/02 (2006.01), G01F 11/26 (2006.01), G01F 11/28 (2006.01)
(86) PCT EP11/063046 de 28/07/2011
(87) WO 2012/016911 de 09/02/2012

(21) **BR 11 2013 002960-9 1.1**
(30) 06/08/2010 JP 2010-177704; 29/09/2010 JP 2010-218129; 28/01/2011 JP 2011-016108; 10/03/2011 JP 2011-052921; 11/03/2011 JP 2011-053701
(51) C09K 9/02 (2006.01), G02B 5/23 (2006.01), G02C 7/10 (2006.01)
(86) PCT JP11/067841 de 04/08/2011
(87) WO 2012/018070 de 09/02/2012

(21) **BR 11 2013 002961-7 1.1**
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(51) B01D 3/00 (2006.01)
(86) PCT US11/047304 de 10/08/2011
(87) WO 2012/021658 de 16/02/2012

(21) **BR 11 2013 002964-1 1.1**
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(51) F03D 1/00 (2006.01), B65D 88/12 (2006.01)
(86) PCT EP11/062525 de 21/07/2011
(87) WO 2012/019895 de 16/02/2012

(21) **BR 11 2013 002967-6 1.1**
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(51) A47J 31/40 (2006.01), B67D 1/00 (2006.01)
(86) PCT EP2011/063004 de 28/07/2011
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(21) **BR 11 2013 002968-4 1.1**
(30) 09/08/2010 US 12/852917
(51) C01F 7/06 (2006.01), C01F 7/47 (2006.01), B01D 21/01 (2006.01)
(86) PCT US2011/046352 de 03/08/2011
(87) WO 2012/021342 de 16/02/2012

(21) **BR 11 2013 002969-2 1.1**
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(51) C02F 1/68 (2006.01)
(86) PCT EP2011/063773 de 10/08/2011
(87) WO 2012/020056 de 16/02/2012

(21) **BR 11 2013 002971-4 1.1**
(30) 09/08/2010 US 12/852910
(51) C01F 7/06 (2006.01), C01F 7/47 (2006.01), B01D 21/01 (2006.01)
(86) PCT US2011/046579 de 04/08/2011
(87) WO 2012/021375 de 16/02/2012

(21) **BR 11 2013 002972-2 1.1**
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(51) B01D 17/04 (2006.01), C10L 1/00 (2006.01)
(86) PCT US2011/036145 de 11/05/2011
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(21) **BR 11 2013 002973-0 1.1**
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(51) B63B 1/04 (2006.01), B63B 1/06 (2006.01)
(86) PCT GB2011/001196 de 09/08/2011
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(21) **BR 11 2013 002974-9 1.1**
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(51) B01D 24/00 (2006.01)
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(21) **BR 11 2013 002975-7 1.1**
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(51) B66B 9/02 (2006.01), B66B 11/02 (2006.01), B66B 9/10 (2006.01)
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(51) F16K 37/00 (2006.01)
(86) PCT US2011/046683 de 05/08/2011
(87) WO 2012/021385 de 16/02/2012

(21) **BR 11 2013 002979-0 1.1**
(30) 12/08/2010 US 61/373128; 12/08/2010 US 61/373150; 12/08/2010 US 61/373145; 12/08/2010 US 61/373124; 12/08/2010 US 61/373166; 12/08/2010 US 61/373157; 12/08/2010 US 61/373210; 12/08/2010 US 61/373170
(51) C12P 7/10 (2006.01), C12P 19/14 (2006.01), C12N 9/42 (2006.01)
(86) PCT US2011/046720 de 05/08/2011
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(21) **BR 11 2013 002980-3 1.1**
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(51) B21D 19/00 (2006.01)
(86) PCT US2011/046354 de 03/08/2011
(87) WO 2012/018875 de 09/02/2012

(21) **BR 11 2013 002981-1 1.1**
(30) 07/08/2010 EP 10 008267.6; 11/08/2010 EP 10 008393.0
(51) C12N 15/82 (2006.01)
(86) PCT EP2011/002279 de 06/05/2011
(87) WO 2012/019660 de 16/02/2012

(21) **BR 11 2013 002982-0 1.1**
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(51) C12P 7/10 (2006.01), C12P 19/14 (2006.01), C12N 9/42 (2006.01), C12P 19/02 (2006.01)
(86) PCT US2011/046795 de 05/08/2011
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(21) **BR 11 2013 002983-8 1.1**
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(51) A61C 17/34 (2006.01)
(86) PCT IB2011/053588 de 11/08/2011
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(21) **BR 11 2013 002984-6 1.1**
(30) 10/08/2010 JP 2010-179350; 18/08/2010 JP 2010-182803; 30/03/2011 JP 2011-074763
(51) C07D 251/46 (2006.01), A61K 31/53 (2006.01), A61K 31/5377 (2006.01), A61K 31/55 (2006.01), A61P 13/10 (2006.01), A61P 25/04 (2006.01), A61P 43/00 (2006.01), C07D 401/06 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/06 (2006.01), C07D 403/12 (2006.01), C07D 405/06 (2006.01), C07D 405/12 (2006.01), C07D 409/06 (2006.01), C07D 413/06 (2006.01), C07D 413/12 (2006.01), C07D 413/14 (2006.01), C07D 417/06 (2006.01), C07D 417/12 (2006.01), C07D 417/14 (2006.01)
(86) PCT JP11/068113 de 09/08/2011
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(21) **BR 11 2013 002986-2 1.1**
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(51) H04B 3/54 (2006.01), H04L 27/26 (2006.01)
(86) PCT US2011/047534 de 12/08/2011
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(21) **BR 11 2013 002987-0 1.1**
(30) 06/08/2010 JP 2010-177965
(51) C22C 38/00 (2006.01), C22C 38/04 (2006.01), C22C 38/60 (2006.01), H01F 1/16 (2006.01), H01F 1/18 (2006.01)
(86) PCT JP2011/004479 de 05/08/2011
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(51) A61F 2/00 (2006.01)
(86) PCT US2011/046893 de 08/08/2011
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(21) **BR 11 2013 002989-7 1.1**
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(51) B01J 23/00 (2006.01)
(86) PCT US11/046687 de 05/08/2011
(87) WO 2012/021386 de 16/02/2012

(21) **BR 11 2013 002991-9 1.1**
(30) 12/08/2010 US 61/373,053; 03/09/2010 US 61/379,853
(51) C09D 7/12 (2006.01), C09D 121/02 (2006.01)
(86) PCT US11/047620 de 12/08/2011
(87) WO 2012/021826 de 16/02/2012

(21) **BR 11 2013 002992-7 1.1**
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(51) F01N 3/023 (2006.01), F02D 41/02 (2006.01)
(86) PCT SE2011/051008 de 23/08/2011
(87) WO 2012/030273 de 08/03/2012

(21) **BR 11 2013 002993-5 1.1**
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(51) A61K 31/713 (2006.01), A61K 39/00 (2006.01), A61P 25/00 (2006.01), A61P 33/06 (2006.01), A61P 35/00 (2006.01), C12N 15/62 (2006.01)
(86) PCT US11/047150 de 09/08/2011
(87) WO 2012/021558 de 16/02/2012

(21) **BR 11 2013 002994-3 1.1**
(30) 31/08/2010 SE 10508919
(51) F01N 11/00 (2006.01), F01N 3/023 (2006.01), F01N 9/00 (2006.01)
(86) PCT SE2011/051016 de 24/08/2011
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(21) **BR 11 2013 002996-0 1.1**
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(51) F01D 5/30 (2006.01)
(86) PCT FR2011/051882 de 08/08/2011
(87) WO 2012/020195 de 16/02/2012

(21) **BR 11 2013 002998-6 1.1**
(30) 22/10/2010 US 61405827
(51) G06Q 10/00 (2006.01)
(86) PCT US2011/045230 de 25/07/2011
(87) WO 2012/054113 de 26/04/2012

(21) **BR 11 2013 002999-4 1.1**
(30) 12/08/2010 US 61/372.891
(51) B29C 45/17 (2006.01)
(86) PCT CA11/050489 de 11/08/2011
(87) WO 2012/019304 de 16/02/2012

(21) **BR 11 2013 003000-3 1.1**
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(51) H01Q 3/12 (2006.01)
(86) PCT US2011/046461 de 03/08/2011
(87) WO 2012/018938 de 09/02/2012

(21) **BR 11 2013 003002-0 1.1**
(30) 13/08/2010 US 61/373,474
(51) B01J 31/00 (2006.01)
(86) PCT US11/046690 de 05/08/2011
(87) WO 2012/021387 de 16/02/2012

(21) **BR 11 2013 003003-8 1.1**
(30) 06/08/2010 US 61/371,582
(51) C12N 9/88 (2006.01), C12N 9/10 (2006.01), C12P 5/00 (2006.01), D21C 5/00 (2006.01), C12N 1/22 (2006.01), C12Q 1/48 (2006.01)
(86) PCT US11/046869 de 05/08/2011
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(21) **BR 11 2013 003004-6 1.1**
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(51) A61K 31/445 (2006.01)
(86) PCT US11/046797 de 05/08/2011
(87) WO 2012/019123 de 09/02/2012

(21) **BR 11 2013 003005-4 1.1**
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(51) H01R 31/06 (2006.01), H01R 12/81 (2011.01), H01R 13/52 (2006.01)
(86) PCT JP11/068423 de 12/08/2011
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(21) **BR 11 2013 003027-5 1.1**
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(51) C07C 31/137 (2006.01), C07C 33/14 (2006.01), C07C 45/69 (2006.01), C07C 47/34 (2006.01), C07C 47/42 (2006.01), C11B 9/00 (2006.01)
(86) PCT EP2011/063818 de 11/08/2011
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(21) **BR 11 2013 003044-5 1.1**
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(51) G02C 1/04 (2006.01), A61F 9/02 (2006.01)
(86) PCT US2011/047676 de 12/08/2011
(87) WO 2012/021863 de 16/02/2012

(21) **BR 11 2013 003045-3 1.1**
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(51) C07F 5/02 (2006.01), A61K 31/69 (2006.01), A61P 31/04 (2006.01)
(86) PCT US2011/046957 de 08/08/2011
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(21) **BR 11 2013 003059-3 1.1**
(51) C07D 249/20 (2006.01)
(86) PCT CN2010/001670 de 25/10/2010
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(21) **BR 11 2013 003062-3 1.1**
(30) 10/08/2010 US 61/372,350
(51) A61K 9/48 (2006.01), A61K 9/50 (2006.01), A23L 1/30 (2006.01)
(86) PCT US2011/046901 de 08/08/2011
(87) WO 2012/021432 de 16/02/2012

(21) **BR 11 2013 003064-0 1.1**
(30) 12/08/2010 JP 2010-180656
(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 1/16 (2006.01), A61P 29/00 (2006.01)
(86) PCT JP2011/068344 de 11/08/2011
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(21) **BR 11 2013 003066-6 1.1**
(30) 12/08/2010 JP 2010-180814
(51) H04N 7/32 (2006.01)
(86) PCT JP2011/067963 de 05/08/2011
(87) WO 2012/020708 de 16/02/2012

(21) **BR 11 2013 003068-2 1.1**
(30) 09/08/2010 EP 10 172316.1
(51) A61K 31/495 (2006.01), A61K 31/497 (2006.01), A61P 25/18 (2006.01)
(86) PCT EP2011/063533 de 05/08/2011
(87) WO 2012/019970 de 16/02/2012

(21) **BR 11 2013 003070-4 1.1**
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(51) B64D 13/02 (2006.01), F16K 39/02 (2006.01)
(86) PCT EP11/058006 de 17/05/2011
(87) WO 2012/019796 de 16/02/2012

(21) **BR 11 2013 003072-0 1.1**
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(51) H01F 29/04 (2006.01)
(86) PCT CN11/077912 de 02/08/2011
(87) WO 2012/019514 de 16/02/2012

(21) **BR 11 2013 003073-9 1.1**
(30) 12/08/2010 DE 10 2010 034 135.5
(51) C05F 5/00 (2006.01), C10L 5/44 (2006.01)
(86) PCT DE11/000463 de 29/05/2011
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(21) **BR 11 2013 003075-5 1.1**
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(51) B60T 1/00 (2006.01), B60T 13/66 (2006.01), B60T 13/74 (2006.01), B60T 17/22 (2006.01)
(86) PCT EP11/060767 de 28/06/2011
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(21) **BR 11 2013 003078-0 1.1**
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(51) E04H 6/42 (2006.01), E01F 9/08 (2006.01)
(86) PCT EP11/062324 de 19/07/2011
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(21) **BR 11 2013 003080-1 1.1**
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(51) G01D 5/48 (2006.01), G01D 11/24 (2006.01)
(86) PCT EP11/063099 de 29/07/2011
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(21) **BR 11 2013 003081-0 1.1**
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(51) A61K 9/00 (2006.01)
(86) PCT US2011/046831 de 05/08/2011
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(21) **BR 11 2013 003082-8 1.1**
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(51) A23K 1/16 (2006.01), A23K 1/18 (2006.01)
(86) PCT US11/045814 de 29/07/2011
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(21) **BR 11 2013 003083-6 1.1**
(51) C07D 249/20 (2006.01)
(86) PCT CN10/001672 de 25/10/2010
(87) WO 2012/055064 de 03/05/2012

(21) **BR 11 2013 003084-4 1.1**
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(51) H01R 13/447 (2006.01), H01R 13/50 (2006.01)
(86) PCT EP11/063630 de 08/08/2011
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(21) **BR 11 2013 003085-2 1.1**
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(51) A01N 43/58 (2006.01), A01C 1/06 (2006.01), A01G 7/06 (2006.01), A01N 43/56 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP11/068198 de 09/08/2011
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(21) **BR 11 2013 003087-9 1.1**
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(51) C07D 471/04 (2006.01), A61K 31/519 (2006.01), A61P 11/00 (2006.01)
(86) PCT EP11/063694 de 09/08/2011
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(51) H04W 36/00 (2009.01)
(86) PCT CN2011/071236 de 24/02/2011
(87) WO 2011/110068 de 15/09/2011

(21) **BR 11 2013 003093-3 1.1**
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(51) H02J 3/12 (2006.01), H02J 13/00 (2006.01), G05F 1/00 (2006.01), G06F 17/00 (2006.01)
(86) PCT EP2011/061642 de 08/07/2011
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(21) **BR 11 2013 003094-1 1.1**
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(51) A61K 9/16 (2006.01), A61K 9/20 (2006.01), A61K 9/50 (2006.01), A61K 31/00 (2006.01)
(86) PCT EP2011/063604 de 08/08/2011
(87) WO 2012/019990 de 16/02/2012

(21) **BR 11 2013 003095-0 1.1**
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(51) C07K 16/28 (2006.01), C07K 16/30 (2006.01)
(86) PCT EP2011/063791 de 10/08/2011
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(21) **BR 11 2013 003096-8 1.1**
(51) H04W 16/26 (2009.01), H04B 7/15 (2006.01)
(86) PCT JP2010/063748 de 13/08/2010
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(21) **BR 11 2013 003097-6 1.1**
(30) 12/08/2010 EP 10 172597.6; 14/02/2011 EP 11 154397.1
(51) C07D 487/04 (2006.01), A61K 31/519 (2006.01), A61P 25/28 (2006.01)
(86) PCT EP2011/063705 de 09/08/2011
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(21) **BR 11 2013 003099-2 1.1**
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(51) B65B 51/30 (2006.01), B29C 65/74 (2006.01), B26D 1/62 (2006.01), B65B 9/207 ()
(86) PCT EP2011/063924 de 12/08/2011
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(51) C13K 1/02 (2006.01)
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(21) **BR 11 2013 003101-8 1.1**
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(51) C07D 403/14 (2006.01), C07D 405/14 (2006.01), C07D 413/14 (2006.01), C07D 487/04 (2006.01), A61K 31/4178 (2006.01), A61K 31/433 (2006.01), A61P 31/12 (2006.01)
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(21) **BR 11 2013 003102-6 1.1**
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(51) H04N 7/26 (2006.01)
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(51) H04W 28/02 (2009.01)
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(51) E04B 1/00 (2006.01), E04B 1/02 (2006.01), E04C 2/292 (2006.01), E04B 1/94 (2006.01)
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(51) C12P 19/14 (2006.01), C08H 8/00 (2010.01), C12P 19/02 (2006.01), C13K 1/02 (2006.01), C12P 7/10 (2006.01), D21C 3/00 (2006.01)
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(51) C07D 401/14 (2006.01), C07D 403/14 (2006.01), C07D 487/04 (2006.01), C07D 487/08 (2006.01), C07D 491/107 (2006.01), A61K 31/517 (2006.01)
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(51) A01N 43/58 (2006.01), A01C 1/06 (2006.01), A01G 7/06 (2006.01), A01N 39/02 (2006.01), A01N 43/54 (2006.01), A01P 3/00 (2006.01)
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(51) F25D 16/00 (2006.01), F25D 17/02 (2006.01), A01J 9/04 (2006.01), F25D 31/00 (2006.01)
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(86) PCT CA11/000911 de 10/08/2011
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(51) F16K 1/36 (2006.01)
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(51) A61K 9/20 (2006.01), A61K 9/50 (2006.01), A61K 31/4439 (2006.01)
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(51) A61K 35/12 (2006.01), A61K 38/18 (2006.01), A61K 38/22 (2006.01), A61P 3/10 (2006.01)
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(21) **BR 11 2013 003161-1 1.1**
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(51) H04M 1/725 (2006.01), H04N 1/00 (2006.01), H04L 29/06 (2006.01)
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(51) F03D 1/06 (2006.01), F03D 11/00 (2006.01)
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(21) **BR 11 2013 003165-4 1.1**
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(51) D06N 7/00 (2006.01), C09D 131/04 (2006.01), C09J 131/04 (2006.01)
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(21) **BR 11 2013 003167-0 1.1**
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(51) A61J 1/20 (2006.01), A61M 5/24 (2006.01), A61M 5/31 (2006.01)
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(21) **BR 11 2013 003169-7 1.1**
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(51) A61K 31/00 (2006.01), A61K 31/573 (2006.01), A61K 35/12 (2006.01), A61K 35/16 (2006.01), A61K 35/28 (2006.01), A61K 39/395 (2006.01), A61K 51/00 (2006.01), A61P 35/00 (2006.01), A61P 9/00 (2006.01), A61P 1/16 (2006.01)
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(51) A41F 9/00 (2006.01), A41F 9/02 (2006.01), A41D 1/08 (2006.01), A41D 7/00 (2006.01)
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(51) C07D 401/14 (2006.01), A61K 31/5377 (2006.01), A61K 31/541 (2006.01), A61K 31/55 (2006.01), A61P 1/04 (2006.01), A61P 11/06 (2006.01), A61P 17/06 (2006.01), A61P 19/02 (2006.01), A61P 29/00 (2006.01), A61P 35/02 (2006.01), A61P 37/02 (2006.01), A61P 37/06 (2006.01), A61P 37/08 (2006.01), A61P 43/00 (2006.01), C07D 403/04 (2006.01), C07D 403/14 (2006.01), C07D 405/14 (2006.01), C07D 409/14

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(51) G06F 19/00 (2011.01), A63B 24/00 (2006.01)
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(21) **BR 11 2013 003185-9 1.1**
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(21) **BR 11 2013 003186-7 1.1**
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(51) A61K 9/00 (2006.01)
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(21) **BR 11 2013 003189-1 1.1**
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(51) B32B 5/26 (2006.01), B32B 5/28 (2006.01), C08J 5/04 (2006.01)
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(51) A41F 9/00 (2006.01), A41F 9/02 (2006.01), A41D 1/08 (2006.01), A41D 7/00 (2006.01)
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(51) A61B 18/18 (2006.01), A61B 18/04 (2006.01), A61M 5/158 (2006.01), A61L 17/08 (2006.01), A61L 17/10 (2006.01)
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(51) F02K 1/72 (2006.01), F02K 1/76 (2006.01), F02K 1/09 (2006.01)
(86) PCT FR11/051748 de 20/07/2011
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(51) B63B 27/34 (2006.01), B63B 27/24 (2006.01), B63B 35/44 (2006.01)
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(51) G01D 4/00 (2006.01), H02J 13/00 (2006.01), G06Q 50/00 (2006.01)
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(51) A01N 43/58 (2006.01), A01C 1/06 (2006.01), A01G 7/06 (2006.01), A01N 43/653 (2006.01), A01P 3/00 (2006.01)
(86) PCT JP11/068194 de 09/08/2011
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(51) A01N 43/56 (2006.01), A01C 1/06 (2006.01), A01G 7/06 (2006.01), A01N 43/58 (2006.01), A01P 3/00 (2006.01)
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(51) A61K 8/04 (2006.01), A61K 8/49 (2006.01), A61Q 15/00 (2006.01)
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(51) B29C 45/14 (2006.01), B29C 45/00 (2006.01), B65D 85/804 (2006.01), B65D 8/04 (2006.01)
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(51) A61M 27/00 (2006.01), A61M 3/02 (2006.01), A61B 17/50 (2006.01), A61B 17/22 (2006.01), A61M 1/00 (2006.01)
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(51) H04M 1/00 (2006.01), H04M 3/42 (2006.01), H04W 48/10 (2009.01)
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(51) A23L 3/40 (2006.01), A23L 3/3463 (2006.01), C12N 1/00 (2006.01), C12N 7/01 (2006.01)
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(51) B63B 35/79 (2006.01), B63B 35/73 (2006.01)
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(51) C12P 21/06 (2006.01)
(86) PCT US2011/047692 de 13/08/2011
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(51) C05B 13/06 (2006.01)
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(51) C08F 4/651 (2006.01), C08F 110/06 (2006.01)
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(51) F02F 3/00 (2006.01), B23K 20/12 (2006.01), B23P 15/10 (2006.01), C21D 9/00 (2006.01), C21D 9/50 (2006.01)
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(21) **BR 11 2013 003254-5 1.1**
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(51) A61F 2/30 (2006.01), A61F 2/28 (2006.01), A61L 24/00 (2006.01)
(86) PCT US2011/047414 de 11/08/2011
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(51) F02F 3/00 (2006.01), F02F 3/22 (2006.01)
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(51) C07K 16/28 (2006.01), C07K 16/46 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/063781 de 10/08/2011
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(51) C22B 1/244 (2006.01), C08K 3/08 (2006.01), C08K 3/22 (2006.01), C10L 5/14 (2006.01)
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(51) C13B 20/08 (2011.01), C13B 20/10 (2011.01), C13B 20/00 (2011.01)
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(51) A61K 47/00 (2006.01), A23L 1/30 (2006.01)
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(51) C08L 3/02 (2006.01), C08J 9/00 (2006.01), C08L 23/04 (2006.01)
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(51) C25C 7/00 (2006.01), C25C 7/06 (2006.01)
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(51) A46B 15/00 (2006.01), A61C 19/04 (2006.01), G01P 15/18 (2013.01), G01P 21/00 (2006.01)
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(51) A01N 59/04 (2006.01), A01N 43/64 (2006.01)
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(51) H04L 12/24 (2006.01), H04M 3/22 (2006.01), G06Q 10/00 (2006.01)
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(21) **BR 11 2013 003327-4 1.1**
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(51) A61F 2/38 (2006.01), A61F 2/30 (2006.01)
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(51) G06Q 50/00 (2006.01)
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(51) A23L 2/60 (2006.01), A23L 2/62 (2006.01), A23L 1/236 (2006.01)
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(51) C12N 1/21 (2006.01), C12N 15/09 (2006.01), C12P 7/04 (2006.01)
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(51) A61B 18/22 (2006.01), A61B 18/20 (2006.01), A61B 19/02 (2006.01)
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(86) PCT US11/047289 de 10/08/2011
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(51) C11D 3/20 (2006.01), C11D 17/08 (2006.01), A61K 8/34 (2006.01), A61K 8/92 (2006.01), A61Q 19/10 (2006.01)
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(51) C09K 8/52 (2006.01), C09K 8/62 (2006.01), C09K 8/70 (2006.01), C09K 8/82 (2006.01), C09K 8/94 (2006.01), C09K 8/502 (2006.01), E21B 43/04 (2006.01)
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(51) A01N 25/00 (2006.01), A01N 25/02 (2006.01), A01N 25/30 (2006.01)
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(51) B01J 35/00 (2006.01), B01D 46/24 (2006.01), F01N 3/28 (2006.01), B01D 53/86 (2006.01), B01D 53/94 (2006.01), F01N 3/20 (2006.01)
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(51) H04W 24/10 (2009.01)
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(21) **BR 11 2013 003351-7 1.1**
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(51) F03G 7/08 (2006.01)
(86) PCT US11/047342 de 11/08/2011
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(21) **BR 11 2013 003353-3 1.1**
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(51) H04W 28/00 (2009.01)
(86) PCT CN11/075199 de 02/06/2011
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(51) F16L 25/00 (2006.01)
(86) PCT US11/047630 de 12/08/2011
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(51) G01S 19/05 (2010.01), G01S 19/25 (2010.01), G01S 19/34 (2010.01), H04W 24/00 (2009.01)
(86) PCT US11/047244 de 10/08/2011
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(21) **BR 11 2013 003358-4 1.1**
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(51) A61K 31/33 (2006.01), A61K 31/425 (2006.01)
(86) PCT US11/047407 de 11/08/2011
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(21) **BR 11 2013 003359-2 1.1**
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(51) G02B 3/14 (2006.01)
(86) PCT US11/047396 de 11/08/2011
(87) WO 2012/021688 de 16/02/2012

(21) **BR 11 2013 003360-6 1.1**
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(51) G06F 17/30 (2006.01)
(86) PCT US11/047260 de 10/08/2011
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(21) **BR 11 2013 003362-2 1.1**
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(51) C12N 15/63 (2006.01), A01H 1/02 (2006.01), A01H 4/00 (2006.01)
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(51) F16C 29/06 (2006.01)
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(21) **BR 11 2013 003364-9 1.1**
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(51) A61B 5/091 (2006.01)
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(51) B63B 27/14 (2006.01), B63B 27/10 (2006.01)
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(21) **BR 11 2013 003366-5 1.1**
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(51) A61K 35/12 (2006.01), A61K 35/44 (2006.01), A61K 38/17 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/047657 de 12/08/2011
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(21) **BR 11 2013 003367-3 1.1**
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(51) A61M 25/00 (2006.01)
(86) PCT US2011/046311 de 02/08/2011
(87) WO 2012/021336 de 16/02/2012

(21) **BR 11 2013 003368-1 1.1**
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(51) B32B 3/30 (2006.01)
(86) PCT US2011/047472 de 11/08/2011
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(21) **BR 11 2013 003369-0 1.1**
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(51) G06Q 20/00 (2006.01)
(86) PCT US11/047678 de 12/08/2011
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(21) **BR 11 2013 003370-3 1.1**
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(51) E03D 9/02 (2006.01), B65D 83/04 (2006.01), C11D 17/04 (2006.01)
(86) PCT US2011/001411 de 10/08/2011
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(51) A63B 71/00 (2006.01)
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(21) **BR 11 2013 003373-8 1.1**
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(51) A61M 5/24 (2006.01), A61M 5/315 (2006.01)
(86) PCT EP11/063845 de 11/08/2011
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(51) B29C 35/02 (2006.01), B29C 70/54 (2006.01)
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(86) PCT EP2010/004909 de 11/08/2010
(87) WO 2012/019624 de 16/02/2012

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(51) H04J 13/18 (2011.01), H04B 7/04 (2006.01), H04J 99/00 (2009.01), H04L 1/16 (2006.01), H04W 28/04 (2009.01), H04W 72/04 (2009.01)
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(87) WO 2012/020552 de 16/02/2012

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(51) F28D 20/00 (2006.01)
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(51) B29C 70/06 (2006.01)
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(51) A01N 43/54 (2006.01), C07D 471/04 (2006.01), C07D 471/22 (2006.01)
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(21) **BR 11 2013 003389-4 1.1**
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(51) F28D 20/00 (2006.01)
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(87) WO 2012/020233 de 16/02/2012

(21) **BR 11 2013 003391-6 1.1**
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(51) C12Q 1/68 (2006.01), G01N 33/53 (2006.01), G01N 33/574 (2006.01), C40B 40/08 (2006.01), G01N 33/50 (2006.01), G06F 13/10 (2006.01)
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(51) A61K 49/22 (2006.01)
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(21) **BR 11 2013 003394-0 1.1**
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(51) D06N 7/00 (2006.01), C09D 131/04 (2006.01), C09J 131/04 (2006.01)
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(51) H04W 8/18 (2009.01), H04W 8/22 (2009.01)
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(51) G02C 7/12 (2006.01), C09B 47/00 (2006.01), G02B 5/30 (2006.01), B29C 39/10 (2006.01), B29C 39/12 (2006.01), B29C 55/04 (2006.01), B29L 11/00 (2006.01)
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(51) G01M 3/20 (2006.01), G01M 3/22 (2006.01)
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(51) H04W 4/12 (2009.01), H04W 8/18 (2009.01), H04W 88/02 (2009.01)
(86) PCT US10/052848 de 15/10/2010
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(51) A61B 17/072 (2006.01)
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(51) H01M 2/26 (2006.01), H01M 2/30 (2006.01), H01M 10/04 (2006.01)
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(51) G03F 7/42 (2006.01), C07D 317/24 (2006.01), C07D 317/12 (2006.01)
(86) PCT US2011/047618 de 12/08/2011
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(51) B61B 13/04 (2006.01), B65G 19/02 (2006.01)
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(21) **BR 11 2013 003430-0 1.1**
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(51) C23C 18/38 (2006.01)
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(21) **BR 11 2013 003431-9 1.1**
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(51) A61K 35/30 (2006.01)
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(21) **BR 11 2013 003432-7 1.1**
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(51) B01D 71/38 (2006.01), B01D 61/36 (2006.01)
(86) PCT EP2011/061405 de 06/07/2011
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(51) B60S 1/34 (2006.01), B60S 1/32 (2006.01)
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(21) **BR 11 2013 003435-1 1.1**
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(51) C08J 3/03 (2006.01), C09D 191/06 (2006.01), C08L 91/06 (2006.01), C08K 3/34 (2006.01)
(86) PCT EP2011/003205 de 29/06/2011
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(21) **BR 11 2013 003436-0 1.1**
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(51) B21B 31/02 (2006.01), F16C 29/02 (2006.01)
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(51) H04N 7/26 (2006.01), H03M 7/40 (2006.01)
(86) PCT JP2012/000148 de 12/01/2012
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(21) **BR 11 2013 003439-4 1.1**
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(51) C07D 413/10 (2006.01), C07D 413/14 (2006.01), C07D 417/12 (2006.01), C07D 417/14 (2006.01), C07D 471/04 (2006.01), C07D 487/04 (2006.01), C07D 498/04 (2006.01), A61K 31/437 (2006.01), A61K 31/4439 (2006.01), A61K 31/444 (2006.01), A61K 31/497 (2006.01), A61K 31/4985 (2006.01), A61K 31/506 (2006.01), A61K 31/5365 (2006.01), A61K 31/5377 (2006.01), A61K 31/541 (2006.01), A61P 9/00 (2006.01), A61P 9/10 (2006.01), A61P 29/00 (2006.01), A61P 37/08 (2006.01), A61P 11/00 (2006.01), A61P 13/12 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/047356 de 11/08/2011
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(51) B62M 11/14 (2006.01), B62M 25/02 (2006.01)
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(21) **BR 11 2013 003443-2 1.1**
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(51) H02G 15/02 (2006.01), H01B 7/00 (2006.01), H01R 4/18 (2006.01), H01R 4/58 (2006.01), H02G 1/14 (2006.01)
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(21) **BR 11 2013 003444-0 1.1**
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(51) H04W 72/04 (2009.01), H04J 11/00 (2006.01), H04J 13/00 (2011.01), H04W 16/28 (2009.01), H04W 28/04 (2009.01)
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(51) B21D 24/00 (2006.01), B21D 24/04 (2006.01), B30B 1/26 (2006.01), B30B 7/04 (2006.01)
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(21) **BR 11 2013 003448-3 1.1**
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(51) E21B 33/12 (2006.01), E21B 23/06 (2006.01)
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(21) **BR 11 2013 003450-5 1.1**
(30) 16/08/2010 US 61/374,159; 15/02/2011 US 61/443,008; 19/07/2011 US 61/509,260
(51) C07K 16/00 (2006.01), C07K 16/46 (2006.01)
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(21) **BR 11 2013 003451-3 1.1**
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(51) B41J 2/175 (2006.01)
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(51) B01D 45/12 (2006.01), B01D 45/14 (2006.01)
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(51) G02B 1/11 (2006.01)
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(86) PCT US2011/047811 de 15/08/2011
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(21) **BR 11 2013 003464-5 1.1**
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(51) H04M 1/2745 (2006.01), H04M 3/493 (2006.01)
(86) PCT CN2011/070197 de 12/01/2011
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(86) PCT EP2010/062015 de 18/08/2010
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(51) C12C 7/24 (2006.01), C12C 7/26 (2006.01), C12N 9/52 (2006.01), C12C 5/00 (2006.01), C12H 1/00 (2006.01), C12G 3/00 (2006.01)
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(51) A61K 51/08 (2006.01)
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(21) **BR 11 2013 003470-0 1.1**
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(51) G02B 6/40 (2006.01)
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(21) **BR 11 2013 003471-8 1.1**
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(51) A61K 31/568 (2006.01)
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(21) **BR 11 2013 003472-6 1.1**
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(51) A61B 10/02 (2006.01)
(86) PCT NL2010/050515 de 17/08/2010
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(21) **BR 11 2013 003473-4 1.1**
(30) 17/08/2010 US 61/374580; 06/01/2011 US 61/430427
(51) B29C 70/38 (2006.01), B29C 70/54 (2006.01)
(86) PCT US2011/048051 de 17/08/2011
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(21) **BR 11 2013 003475-0 1.1**
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(51) H01R 13/648 (2006.01), B60R 16/02 (2006.01), H01B 7/00 (2006.01), H01B 7/17 (2006.01), H01B 13/00 (2006.01), H01B 13/22 (2006.01), H01R 43/01 (2006.01), H01R 43/28 (2006.01)
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(51) F01L 1/26 (2006.01)
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(21) **BR 11 2013 003477-7 1.1**
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(51) F16C 29/06 (2006.01)
(86) PCT US2011/045478 de 27/07/2011
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(21) **BR 11 2013 003478-5 1.1**
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(51) H04L 5/00 (2006.01)
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(21) **BR 11 2013 003479-3 1.1**
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(51) H02K 1/27 (2006.01), H02K 1/22 (2006.01), H02K 21/14 (2006.01)
(86) PCT JP2011/066373 de 19/07/2011
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(51) C07D 217/26 (2006.01), A61K 31/4725 (2006.01), A61K 31/5377 (2006.01), A61K 31/541 (2006.01), A61K 31/553 (2006.01), A61P 25/04 (2006.01), A61P 29/00 (2006.01), A61P 43/00 (2006.01), C07D 237/34 (2006.01), C07D 401/12 (2006.01), C07D 405/12 (2006.01), C07D 413/12 (2006.01), C07D 495/04 (2006.01)
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(21) **BR 11 2013 003482-3 1.1**
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(51) H04L 1/18 (2006.01), H04L 5/02 (2006.01)
(86) PCT IB2011/002071 de 29/07/2011
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(21) **BR 11 2013 003483-1 1.1**
(30) 25/08/2010 DE 10 2010 039 771.7; 02/08/2011 DE 10 2011 080297.5
(51) G05G 1/30 (2008.04), G05G 1/40 (2008.04), G05G 1/405 (2008.04), G05G 1/42 (2008.04), G05G 1/44 (2008.04), G05G 1/445 (2008.04)
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(21) **BR 11 2013 003484-0 1.1**
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(51) A01N 1/02 (2006.01), C12N 5/071 (2010.01)
(86) PCT EP2011/003838 de 30/07/2011
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(51) H04W 28/06 (2009.01), H04W 72/04 (2009.01), H04W 92/10 (2009.01)
(86) PCT JP2011/068546 de 16/08/2011
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(21) **BR 11 2013 003487-4 1.1**
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(51) F01N 9/00 (2006.01), F01N 3/023 (2006.01)
(86) PCT SE2011/051010 de 23/08/2011
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(21) **BR 11 2013 003489-0 1.1**
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(51) H04L 12/46 (2006.01)
(86) PCT IB2011/053222 de 19/07/2011
(87) WO 2012/032424 de 15/03/2012

(21) **BR 11 2013 003490-4 1.1**
(51) B25B 11/00 (2006.01)
(86) PCT IT2010/000373 de 24/08/2010
(87) WO 2012/025945 de 01/03/2012

(21) **BR 11 2013 003491-2 1.1**
(30) 10/09/2010 FR 1057222
(51) B29D 30/16 (2006.01), B29D 30/30 (2006.01), B29C 43/24 (2006.01), B29C 47/32 (2006.01), B29C 47/52 (2006.01)
(86) PCT FR2011/052024 de 05/09/2011
(87) WO 2012/032253 de 15/03/2012

(21) **BR 11 2013 003515-3 1.1**
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(51) F03B 13/18 (2006.01), F04B 9/02 (2006.01), F04B 9/06 (2006.01), B63B 22/00 (2006.01), F04B 53/16 (2006.01), F04B 53/12 (2006.01)
(86) PCT AU11/001045 de 16/08/2011
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(21) **BR 11 2013 003516-1 1.1**
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(51) H04W 72/14 (2009.01)
(86) PCT IB2011/000775 de 18/03/2011
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(21) **BR 11 2013 003518-8 1.1**
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(51) H04W 76/02 (2009.01), H04W 12/10 (2009.01)
(86) PCT JP2011/068448 de 12/08/2011
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(21) **BR 11 2013 003519-6 1.1**
(30) 18/08/2010 GB 10 13855.0
(51) G06F 17/30 (2006.01), G06Q 30/00 (2006.01)
(86) PCT GB2011/001186 de 08/08/2011
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(21) **BR 11 2013 003520-0 1.1**
(30) 18/08/2010 EP 10 173296.4
(51) C01F 7/02 (2006.01), C09C 1/40 (2006.01), C08K 3/22 (2006.01)
(86) PCT EP2011/063957 de 12/08/2011
(87) WO 2012/022692 de 23/02/2012

(21) **BR 11 2013 003521-8 1.1**
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(51) H04N 7/32 (2006.01)
(86) PCT JP2012/004197 de 28/06/2012
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(21) **BR 11 2013 003522-6 1.1**
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(51) C07K 14/64 (2006.01), A61K 38/22 (2006.01)
(86) PCT US2011/048157 de 17/08/2011
(87) WO 2012/024452 de 23/02/2012

(21) **BR 11 2013 003533-1 1.1**
(51) C04B 28/02 (2006.01), C09K 8/467 (2006.01), E21B 33/13 (2006.01)
(86) PCT EP10/005167 de 18/08/2010
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(21) **BR 11 2013 003535-8 1.1**
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(51) C08J 9/04 (2006.01), C08J 9/14 (2006.01), C08K 5/02 (2006.01), B01F 17/00 (2006.01)
(86) PCT US11/047855 de 16/08/2011
(87) WO 2012/024259 de 23/02/2012

(21) **BR 11 2013 003536-6 1.1**
(30) 17/08/2010 US 61/374,496; 15/08/2011 US 13/210,252
(51) C07C 21/18 (2006.01), C07C 19/12 (2006.01), C08J 9/06 (2006.01), C11D 7/50 (2006.01), C09K 3/30 (2006.01)
(86) PCT US11/047836 de 16/08/2011
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(21) **BR 11 2013 003538-2 1.1**
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(51) H04W 88/00 (2009.01)
(86) PCT CN11/073882 de 10/05/2011
(87) WO 2012/022172 de 23/02/2012

(21) **BR 11 2013 003541-2 1.1**
(30) 17/08/2010 FR 10/03386
(51) A01G 11/00 (2006.01), F22B 1/18 (2006.01)
(86) PCT FR2011/051904 de 11/08/2011
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(21) **BR 11 2013 003542-0 1.1**
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(51) B01D 17/00 (2006.01)
(86) PCT US10/049284 de 17/09/2010
(87) WO 2012/036695 de 22/03/2012

(21) **BR 11 2013 003543-9 1.1**
(30) 17/08/2010 US 61/374.536; 15/02/2011 US 61/443.129
(51) A61B 17/04 (2006.01), A61B 17/56 (2006.01), A61B 17/062 (2006.01), A61F 2/08 (2006.01), A61B 17/58 (2006.01)
(86) PCT US11/048149 de 17/08/2011
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(21) **BR 11 2013 003548-0 1.1**
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(51) D06M 11/83 (2006.01), D06M 13/17 (2006.01), D06M 15/03 (2006.01), A61K 8/00 (2006.01), A61Q 19/00 (2006.01), D01F 1/10 (2006.01), D06M 101/34 (2006.01)
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(21) **BR 11 2013 003550-1 1.1**
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(51) H04L 1/16 (2006.01), H04L 1/18 (2006.01), H04L 5/00 (2006.01)
(86) PCT US11/047329 de 11/08/2011
(87) WO 2012/024141 de 23/02/2012

(21) **BR 11 2013 003553-6 1.1**
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(51) H04L 1/00 (2006.01), H04L 5/00 (2006.01)
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(87) WO 2012/022714 de 23/02/2012

(21) **BR 11 2013 003554-4 1.1**
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(51) A01N 25/28 (2006.01), A01N 25/02 (2006.01), A01N 43/40 (2006.01), A01N 47/36 (2006.01), A01P 13/00 (2006.01)
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(21) **BR 11 2013 003556-0 1.1**
(30) 17/08/2010 GB 1013799.0
(51) A01N 25/28 (2006.01), A01N 25/02 (2006.01), A01N 43/40 (2006.01), A01P 13/00 (2006.01)
(86) PCT CN11/078475 de 16/08/2011
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(21) **BR 11 2013 003558-7 1.1**
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(51) G02F 1/1347 (2006.01)
(86) PCT US11/047531 de 12/08/2011
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(21) **BR 11 2013 003560-9 1.1**
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(51) G03G 15/00 (2006.01)
(86) PCT US11/048017 de 17/08/2011
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(51) H04L 1/00 (2006.01)
(86) PCT US11/047569 de 12/08/2011
(87) WO 2012/024180 de 23/02/2012

(21) **BR 11 2013 003565-0 1.1**
(51) F03B 13/18 (2006.01), F03B 15/00 (2006.01)
(86) PCT FI10/050652 de 18/08/2010
(87) WO 2012/022824 de 23/02/2012

(21) **BR 11 2013 003566-8 1.1**
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(86) PCT FI10/050653 de 18/08/2010
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(51) H04L 1/18 (2006.01)
(86) PCT US11/047757 de 15/08/2011
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(21) **BR 11 2013 003572-2 1.1**
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(51) H02P 27/08 (2006.01), H02P 3/22 (2006.01), H02P 29/00 (2006.01), H02M 7/5387 (2007.01), H02P 21/00 (2006.01)
(86) PCT IB11/001978 de 29/08/2011
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(21) **BR 11 2013 003573-0 1.1**
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(51) A61K 9/28 (2006.01), A61K 31/60 (2006.01)
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(51) A61K 33/00 (2006.01)
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(51) H01M 10/42 (2006.01), H01M 10/54 (2006.01)
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(51) C12N 15/861 (2006.01), A61K 48/00 (2006.01), A61P 35/00 (2006.01)
(86) PCT US2011/048005 de 16/08/2011
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(51) C10L 9/08 (2006.01), C10L 5/44 (2006.01)
(86) PCT US11/047949 de 16/08/2011
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(21) **BR 11 2013 003584-6 1.1**
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(51) A61F 2/46 (2006.01), A61B 17/56 (2006.01), A61F 2/34 (2006.01)
(86) PCT US11/047905 de 16/08/2011
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(21) **BR 11 2013 003586-2 1.1**
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(51) A46B 9/04 (2006.01), A46D 3/04 (2006.01)
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(21) **BR 11 2013 003587-0 1.1**
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(51) A61K 38/18 (2006.01), C07K 14/51 (2006.01)
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(21) **BR 11 2013 003588-9 1.1**
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(51) B32B 3/18 (2006.01), B32B 15/08 (2006.01), B64C 1/12 (2006.01)
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(21) **BR 11 2013 003589-7 1.1**
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(51) A61K 35/16 (2006.01)
(86) PCT FR2011/051919 de 16/08/2011
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(21) **BR 11 2013 003590-0 1.1**
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(51) A61K 31/17 (2006.01), A61K 31/4164 (2006.01), A61K 31/4168 (2006.01), A61K 31/4178 (2006.01), A61K 31/421 (2006.01), A61P 1/00 (2006.01), A61P 3/10 (2006.01), A61P 7/06 (2006.01), A61P 11/06 (2006.01), A61P 17/00 (2006.01), A61P 17/06 (2006.01), A61P 19/02 (2006.01), A61P 25/02 (2006.01), A61P 37/00 (2006.01)
(86) PCT US11/047426 de 11/08/2011
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(87) WO 2012/024156 de 23/02/2012

(21) **BR 11 2013 003592-7 1.1**
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(51) A61B 17/16 (2006.01), A61F 2/46 (2006.01), A61B 17/56 (2006.01), A61F 2/34 (2006.01)
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(51) G06F 9/445 (2006.01)
(86) PCT JP2011/068485 de 08/08/2011
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(51) A61F 2/24 (2006.01)
(86) PCT US2011/001445 de 17/08/2011
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(51) G06F 9/445 (2006.01)
(86) PCT JP2011/068491 de 08/08/2011
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(51) A61K 9/00 (2006.01)
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(21) **BR 11 2013 003598-6 1.1**
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(51) H01F 27/06 (2006.01), H01F 38/12 (2006.01)
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(21) **BR 11 2013 003599-4 1.1**
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(51) G06Q 50/00 (2006.01)
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(21) **BR 11 2013 003600-1 1.1**
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(51) A61K 31/559 (2006.01), A61P 27/02 (2006.01)
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(51) A61F 2/24 (2006.01)
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(87) WO 2012/023978 de 23/02/2012

(21) **BR 11 2013 003602-8 1.1**
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(51) C07C 51/42 (2006.01), C07C 51/44 (2006.01), C07B 63/00 (2006.01)
(86) PCT US11/047375 de 11/08/2011
(87) WO 2012/024154 de 23/02/2012

(21) **BR 11 2013 003604-4 1.1**
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(51) H04W 72/04 (2009.01), H04W 28/06 (2009.01)
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(21) **BR 11 2013 003605-2 1.1**
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(51) C12N 7/01 (2006.01), C12N 15/33 (2006.01), C12N 15/861 (2006.01)
(86) PCT US2011/048006 de 16/08/2011
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(21) **BR 11 2013 003606-0 1.1**
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(51) G02F 1/15 (2006.01)
(86) PCT FR11/051917 de 16/08/2011
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(51) C02F 3/12 (2006.01)
(86) PCT IB2011/053640 de 17/08/2011
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(51) A61F 2/24 (2006.01)
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(87) WO 2012/023981 de 23/02/2012

(21) **BR 11 2013 003612-5 1.1**
(30) 17/08/2010 EP 10173000.0; 17/08/2010 US 61/374279; 12/05/2011 US 61/485127; 12/05/2011 EP 11165787.0
(51) C09B 62/78 (2006.01), C09B 69/10 (2006.01), A61Q 5/10 (2006.01)
(86) PCT EP2011/064022 de 15/08/2011
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(21) **BR 11 2013 003613-3 1.1**
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(51) F16L 9/18 (2006.01), F16L 59/14 (2006.01), F16L 1/18 (2006.01)
(86) PCT NL2011/050550 de 05/08/2011
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(51) F16K 31/165 (2006.01)
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(21) **BR 11 2013 003617-6 1.1**
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(51) C22B 7/00 (2006.01), C22B 34/20 (2006.01), C22B 23/00 (2006.01), C22B 34/12 (2006.01), C22B 19/00 (2006.01), B01J 38/72 (2006.01)
(86) PCT US2011/047199 de 10/08/2011
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(21) **BR 11 2013 003618-4 1.1**
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(51) F16L 11/12 (2006.01), F16L 57/04 (2006.01)
(86) PCT US2011/047822 de 16/08/2011
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(21) **BR 11 2013 003619-2 1.1**
(30) 16/08/2010 US 61/374,027
(51) B65D 23/08 (2006.01), B65D 55/08 (2006.01), B65D 75/00 (2006.01)
(86) PCT US2011/047750 de 15/08/2011
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(21) **BR 11 2013 003620-6 1.1**
(30) 20/08/2010 US 61/375,658
(51) H04L 5/00 (2006.01)
(86) PCT SE2011/050303 de 18/03/2011
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(21) **BR 11 2013 003621-4 1.1**
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(51) A62B 7/02 (2006.01)
(86) PCT US2011/047994 de 16/08/2011
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(21) **BR 11 2013 003622-2 1.1**
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(51) H04W 64/00 (2009.01)
(86) PCT SE2011/050725 de 13/06/2011
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(21) **BR 11 2013 003623-0 1.1**
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(51) F22B 37/00 (2006.01), F28G 15/00 (2006.01), G01N 1/08 (2006.01), G21D 1/00 (2006.01)
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(21) **BR 11 2013 003624-9 1.1**
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(51) H04N 7/32 (2006.01)
(86) PCT JP11/005323 de 21/09/2011
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(21) **BR 11 2013 003628-1 1.1**
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(51) A61B 17/90 (2006.01), A61B 17/02 (2006.01), A61B 19/00 (2006.01)
(86) PCT US11/047897 de 16/08/2011
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(21) **BR 11 2013 003629-0 1.1**
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(51) F16D 65/38 (2006.01)
(86) PCT US11/046392 de 03/08/2011
(87) WO 2012/024084 de 23/02/2012

(21) **BR 11 2013 003630-3 1.1**
(51) B02B 3/00 (2006.01), B02B 7/02 (2006.01)
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(21) **BR 11 2013 003631-1 1.1**
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(51) A01N 35/00 (2006.01), A61K 31/12 (2006.01)
(86) PCT US11/048086 de 17/08/2011
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(21) **BR 11 2013 003632-0 1.1**
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(51) B44C 5/04 (2006.01)
(86) PCT CL11/000047 de 18/08/2011
(87) WO 2012/022006 de 23/02/2012

(21) **BR 11 2013 003634-6 1.1**
(51) G01V 3/30 (2006.01)
(86) PCT US2010/045633 de 16/08/2010
(87) WO 2012/023926 de 23/02/2012

(21) **BR 11 2013 003635-4 1.1**
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(86) PCT JP2010/063855 de 17/08/2010
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(21) **BR 11 2013 003640-0 1.1**
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(51) G01V 1/38 (2006.01), G01V 13/00 (2006.01)
(86) PCT US2011/047337 de 11/08/2011
(87) WO 2012/024148 de 23/02/2012

(21) **BR 11 2013 003641-9 1.1**
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(51) C09K 8/42 (2006.01), C09K 8/467 (2006.01), C04B 16/04 (2006.01)
(86) PCT EP2011/003442 de 05/07/2011
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(21) **BR 11 2013 003643-5 1.1**
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(51) E03C 1/04 (2006.01)
(86) PCT EP2011/003671 de 22/07/2011
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(21) **BR 11 2013 003644-3 1.1**
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(51) C12N 1/20 (2006.01), C12P 7/06 (2006.01), C12R 1/145 (2006.01)
(86) PCT NZ2011/000144 de 28/07/2011
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(21) **BR 11 2013 003645-1 1.1**
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(51) C08F 2/18 (2006.01), B01J 20/26 (2006.01), C08F 20/06 (2006.01)
(86) PCT JP2011/066453 de 20/07/2011
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(21) **BR 11 2013 003646-0 1.1**
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(51) C07K 14/545 (2006.01), A61P 19/02 (2006.01)
(86) PCT US2011/045995 de 29/07/2011
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(21) **BR 11 2013 003648-6 1.1**
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(51) C08F 2/18 (2006.01), C08F 20/06 (2006.01), C08F 20/56 (2006.01)
(86) PCT JP2011/066455 de 20/07/2011
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(21) **BR 11 2013 003650-8 1.1**
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(51) C08G 73/00 (2006.01), C08L 79/00 (2006.01), C09D 179/00 (2006.01), B32B 27/38 (2006.01), C07F 7/10 (2006.01), C08G 18/00 (2006.01), C08G 18/02 (2006.01), C08L 75/00 (2006.01)
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(21) **BR 11 2013 003652-4 1.1**
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(51) F16D 65/14 (2006.01), H02K 49/04 (2006.01), F16D 55/224 (2006.01), B60T 13/74 (2006.01), B61H 5/00 (2006.01)
(86) PCT EP2011/062902 de 27/07/2011
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(21) **BR 11 2013 003655-9 1.1**
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(51) B04B 1/20 (2006.01)
(86) PCT EP2011/062722 de 25/07/2011
(87) WO 2012/013624 de 02/02/2012

(21) **BR 11 2013 003656-7 1.1**
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(51) C12Q 1/68 (2006.01)
(86) PCT IB2011/053164 de 15/07/2011
(87) WO 2012/014116 de 02/02/2012

(21) **BR 11 2013 003657-5 1.1**
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(51) C12N 15/63 (2006.01), C12N 15/75 (2006.01)
(86) PCT EP2011/062921 de 27/07/2011
(87) WO 2012/013710 de 02/02/2012

(21) **BR 11 2013 003658-3 1.1**
(30) 28/07/2010 US 61/368,565
(51) A61K 31/00 (2006.01), A61K 31/19 (2006.01), A61K 31/20 (2006.01), A61P 31/00 (2006.01), A61P 31/18 (2006.01)
(86) PCT US2011/045731 de 28/07/2011
(87) WO 2012/016048 de 02/02/2012

(21) **BR 11 2013 003659-1 1.1**
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(51) B60C 9/00 (2006.01), B60C 9/22 (2006.01)
(86) PCT EP2011/060083 de 17/06/2011
(87) WO 2012/013420 de 02/02/2012

(21) **BR 11 2013 003660-5 1.1**
(30) 30/07/2010 IN 2171/CHE/200
(51) G01D 4/00 (2006.01), H02J 13/00 (2006.01)
(86) PCT IB2011/001712 de 22/07/2011
(87) WO 2012/014039 de 02/02/2012

(21) **BR 11 2013 003662-1 1.1**
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(51) B60K 35/00 (2006.01), F02D 45/00 (2006.01)
(86) PCT JP2011/065347 de 05/07/2011
(87) WO 2012/014638 de 02/02/2012

(21) **BR 11 2013 003668-0 1.1**
(30) 15/09/2010 BR PI 1003661-0
(51) A61K 31/565 (2006.01), A61K 31/585 (2006.01)
(86) PCT BR2011/000366 de 15/09/2011
(87) WO 2012/034204 de 22/03/2012

(21) **BR 11 2013 003671-0 1.1**
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(51) A01N 31/00 (2006.01)
(86) PCT US2011/048031 de 17/08/2011
(87) WO 2012/024367 de 23/02/2012

(21) **BR 11 2013 003674-5 1.1**
(30) 04/08/2010 JP 2010175688
(51) F16C 9/02 (2006.01), F16C 3/10 (2006.01), F16C 3/14 (2006.01), F16C 9/04 (2006.01), F16C 17/00 (2006.01), F16C 19/00 (2006.01), F16C 35/02 (2006.01)
(86) PCT JP2011/065880 de 12/07/2011
(87) WO 2012/017784 de 09/02/2012

(21) **BR 11 2013 003675-3 1.1**
(30) 04/08/2010 EP 101718427
(51) C07D 487/04 (2006.01), A61K 31/53 (2006.01), A61P 31/04 (2006.01)
(86) PCT EP2011/063434 de 04/08/2011
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(21) **BR 11 2013 003676-1 1.1**
(30) 18/08/2010 US 61/374,657
(51) A61K 9/16 (2006.01), A61K 9/50 (2006.01)
(86) PCT IL2011/000676 de 18/08/2011
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(21) **BR 11 2013 003678-8 1.1**
(30) 04/08/2010 NO 20101106
(51) E21B 41/00 (2006.01), E21B 43/16 (2006.01), E21B 43/12 (2006.01), E21B 43/30 (2006.01)
(86) PCT EP2011/063370 de 03/08/2011
(87) WO 2012/017010 de 09/02/2012

(21) **BR 11 2013 003679-6 1.1**
(30) 03/08/2010 US 61370359; 01/08/2011 US 13195694
(51) G01V 1/40 (2006.01), G01V 1/28 (2006.01)
(86) PCT US2011/046243 de 02/08/2011
(87) WO 2012/018797 de 09/02/2012

(21) **BR 11 2013 003680-0 1.1**
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(51) H04J 99/00 (2009.01), H04B 7/04 (2006.01)
(86) PCT JP2011/005801 de 17/10/2011
(87) WO 2012/053185 de 26/04/2012

(21) **BR 11 2013 003682-6 1.1**
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(51) C07C 49/203 (2006.01), C07C 43/15 (2006.01), C07C 45/65 (2006.01), A61K 31/121 (2006.01), A61P 25/28 (2006.01)
(86) PCT US2011/050071 de 31/08/2011
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(21) **BR 11 2013 003683-4 1.1**
(51) A61B 5/153 (2006.01), A61M 5/158 (2006.01), A61M 5/32 (2006.01)
(86) PCT US2010/043726 de 29/07/2010
(87) WO 2012/015415 de 02/02/2012

(21) **BR 11 2013 003684-2 1.1**
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(51) H04W 16/28 (2009.01)
(86) PCT EP2011/059544 de 09/06/2011
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(21) **BR 11 2013 003687-7 1.1**
(30) 18/08/2010 US 61/374,953
(51) C10L 1/02 (2006.01), C07C 31/08 (2006.01), G06Q 99/00 (2006.01)
(86) PCT US2011/045580 de 27/07/2011
(87) WO 2012/024068 de 23/02/2012

(21) **BR 11 2013 003690-7 1.1**
(30) 19/08/2010 GB 10 13881.6; 02/03/2011 GB 11 03504.5
(51) H02K 21/24 (2006.01), H02K 1/14 (2006.01), H02K 15/12 (2006.01), H02K 9/197 (2006.01)
(86) PCT GB2011/051550 de 16/08/2011
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(51) F01N 3/035 (2006.01), F01N 3/20 (2006.01), F01N 3/28 (2006.01)
(86) PCT EP2011/064048 de 15/08/2011
(87) WO 2012/022722 de 23/02/2012

(21) **BR 11 2013 003692-3 1.1**
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(51) F02B 37/16 (2006.01)
(86) PCT EP2011/063972 de 12/08/2011
(87) WO 2012/022694 de 23/02/2012

(21) **BR 11 2013 003695-8 1.1**
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(51) B23K 20/10 (2006.01), H01R 4/02 (2006.01), B65H 59/36 (2006.01), H01R 43/02 (2006.01), B65H 59/10 (2006.01)
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(51) A01N 33/26 (2006.01), A61K 31/15 (2006.01)
(86) PCT US2011/048242 de 18/08/2011
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(51) H04W 16/26 (2009.01), H04W 72/04 (2009.01)
(86) PCT JP2011/068322 de 10/08/2011
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(21) **BR 11 2013 003698-2 1.1**
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(51) A23G 3/00 (2006.01), A23G 4/06 (2006.01), A23G 4/00 (2006.01)
(86) PCT US2011/048098 de 17/08/2011
(87) WO 2012/024410 de 23/02/2012

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(51) F16J 15/10 (2006.01), F16J 15/12 (2006.01)
(86) PCT EP2010/064585 de 30/09/2010
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(51) H04L 29/06 (2006.01), G06F 17/30 (2006.01), G06F 21/62 (2013.01), H04L 29/08 (2006.01)
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(51) H04J 13/00 (2011.01), H04J 11/00 (2006.01), H04L 27/28 (2006.01)
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(51) C11D 3/00 (2006.01), C11D 3/22 (2006.01), C11D 3/37 (2006.01), C11D 3/50 (2006.01), C11D 17/00 (2006.01)
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(21) **BR 11 2013 003720-2 1.1**
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(51) G01S 13/88 (2006.01), G01C 7/04 (2006.01)
(86) PCT AU2011/001042 de 16/08/2011
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(51) A23J 1/14 (2006.01), A23J 3/16 (2006.01)
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(51) C07K 16/22 (2006.01), A61P 19/08 (2006.01), A61P 21/00 (2006.01)
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(51) G01V 1/36 (2006.01), G01V 1/28 (2006.01), G06F 19/00 (2011.01)
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(51) B29D 30/28 (2006.01), B29D 30/60 (2006.01)
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(51) F03B 3/10 (2006.01), F03B 11/00 (2006.01)
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(51) C07C 7/04 (2006.01), C07C 15/08 (2006.01), C10G 25/00 (2006.01), C10G 11/00 (2006.01)
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(51) C08F 10/00 (2006.01), C08F 4/649 (2006.01), C08F 4/645 (2006.01), C08F 4/654 (2006.01)
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(51) C07C 7/04 (2006.01), C07C 15/08 (2006.01), C10G 25/00 (2006.01), C10G 11/00 (2006.01)
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(51) H04J 99/00 (2009.01), H04B 7/04 (2006.01), H04W 16/28 (2009.01), H04W 72/04 (2009.01)
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(21) **BR 11 2013 003751-2 1.1**
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(51) E21B 47/024 (2006.01), E21B 7/06 (2006.01), E21B 47/04 (2006.01), E21B 47/12 (2006.01)
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(21) **BR 11 2013 003752-0 1.1**
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(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/12 (2006.01), A61K 31/455 (2006.01), A61K 31/506 (2006.01), A61K 31/501 (2006.01), A61P 29/00 (2006.01), A61P 11/00 (2006.01), A61P 19/02 (2006.01), A61P 17/00 (2006.01)
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(21) **BR 11 2013 003753-9 1.1**
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(21) **BR 11 2013 003754-7 1.1**
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(51) A61B 3/00 (2006.01), A61B 3/10 (2006.01), A61B 3/117 (2006.01), A61B 5/00 (2006.01)
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(21) **BR 11 2013 003759-8 1.1**
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(51) C09J 7/02 (2006.01), C09J 191/00 (2006.01)
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(21) **BR 11 2013 003761-0 1.1**
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(51) C12R 1/24 (2006.01), C12R 1/25 (2006.01), A61K 9/00 (2006.01)
(86) PCT EP2011/064173 de 17/08/2011
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(21) **BR 11 2013 003762-8 1.1**
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(51) A61K 9/28 (2006.01), A61K 9/20 (2006.01)
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(21) **BR 11 2013 003763-6 1.1**
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(86) PCT NL2010/050523 de 19/08/2010
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(51) A61M 39/14 (2006.01), B29C 65/20 (2006.01)
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(21) **BR 11 2013 003766-0 1.1**
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(51) C12N 7/02 (2006.01), C07K 14/11 (2006.01)
(86) PCT DE2011/075194 de 16/08/2011
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(21) **BR 11 2013 003767-9 1.1**
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(51) A61M 39/10 (2006.01)
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(21) **BR 11 2013 003768-7 1.1**
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(51) H02J 13/00 (2006.01), G01R 27/00 (2006.01), H01L 31/00 (2006.01)
(86) PCT US2011/046939 de 08/08/2011
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(21) **BR 11 2013 003769-5 1.1**
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(51) H01R 12/78 (2011.01), H01R 13/11 (2006.01)
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(21) **BR 11 2013 003770-9 1.1**
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(51) A21C 1/14 (2006.01), A21C 1/06 (2006.01), B01F 7/08 (2006.01), F16H 1/00 (2006.01)
(86) PCT US2011/047937 de 16/08/2011
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(21) **BR 11 2013 003771-7 1.1**
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(51) C05G 1/00 (2006.01), C05F 11/00 (2006.01), C05F 11/08 (2006.01), C05D 11/00 (2006.01)
(86) PCT US2011/047982 de 16/08/2011
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(21) **BR 11 2013 003772-5 1.1**
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(51) C07D 471/04 (2006.01), A61K 39/00 (2006.01), A61P 35/00 (2006.01), A61K 31/47 (2006.01), A61K 47/00 (2006.01), A61P 37/00 (2006.01)
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(21) **BR 11 2013 003773-3 1.1**
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(51) B29C 45/14 (2006.01), B60Q 3/02 (2006.01)
(86) PCT JP2011/070094 de 30/08/2011
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(21) **BR 11 2013 003774-1 1.1**
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(51) C08G 69/00 (2006.01)
(86) PCT US2011/047872 de 16/08/2011
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(51) H04J 99/00 (2009.01), H04B 7/04 (2006.01)
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(21) **BR 11 2013 003790-3 1.1**
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(51) A61M 5/32 (2006.01), A61M 25/06 (2006.01)
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(51) C12Q 1/48 (2006.01), G01N 33/68 (2006.01)
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(86) PCT BR2010/000379 de 22/11/2010
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(21) **BR 11 2013 003812-8 1.1**
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(51) F02M 37/10 (2006.01)
(86) PCT EP2011/062416 de 20/07/2011
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(51) E21B 47/024 (2006.01), E21B 7/04 (2006.01), E21B 47/12 (2006.01)
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(86) PCT NZ2011/000159 de 17/08/2011
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(51) F25D 25/02 (2006.01), F25D 23/02 (2006.01)
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(51) C12N 15/11 (2006.01), A61K 48/00 (2006.01), A61K 9/16 (2006.01), A61K 9/50 (2006.01)
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(51) C12N 15/82 (2006.01), A01H 1/00 (2006.01), C12N 15/05 (2006.01), C12N 5/04 (2006.01), C12N 5/14 (2006.01)
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(51) B05B 13/06 (2006.01), B05B 15/06 (2006.01)
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(51) C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 29/00 (2006.01)
(86) PCT EP2011/064257 de 19/08/2011
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(21) **BR 11 2013 003844-6 1.1**
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(51) A61Q 19/08 (2006.01), A61K 8/97 (2006.01), A61K 36/18 (2006.01), A61K 36/28 (2006.01), A61Q 19/00 (2006.01), A61K 8/49 (2006.01), A61Q 19/02 (2006.01), A61K 36/185 (2006.01)
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(51) C11D 11/00 (2006.01)
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(51) A61Q 19/06 (2006.01), A61K 8/97 (2006.01), A61K 8/02 (2006.01), A61Q 19/00 (2006.01), A61K 36/18 (2006.01), A61K 36/28 (2006.01), A61K 8/49 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01), A61K 36/185 (2006.01)
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(51) A23C 19/08 (2006.01), A23C 19/082 (2006.01)
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(51) G06T 7/00 (2006.01), B60R 1/00 (2006.01), G06T 1/00 (2006.01), H04N 7/18 (2006.01)
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(51) H01R 43/055 (2006.01)
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(51) C22B 11/00 (2006.01), C22B 7/00 (2006.01)
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(51) H01R 43/02 (2006.01), H01B 13/00 (2006.01)
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(21) **BR 11 2013 003857-8 1.1**
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(51) D21H 21/04 (2006.01), D21C 9/08 (2006.01), C11D 7/50 (2006.01)
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(51) E05B 65/20 (2006.01), E05B 15/16 (2006.01)
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(51) B67D 1/10 (2006.01), F04B 43/14 (2006.01)
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(51) F16H 61/16 (2006.01)
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(51) C23G 1/08 (2006.01), C11D 1/12 (2006.01), C11D 3/02 (2006.01), C11D 3/20 (2006.01), C11D 3/00 (2006.01), C11D 11/00 (2006.01), C23G 1/06 (2006.01)
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(51) A61L 27/14 (2006.01), G02B 26/00 (2006.01), A61L 27/56 (2006.01), A61L 27/54 (2006.01), A61L 27/40 (2006.01)
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(51) C07D 487/04 (2006.01), C07D 403/14 (2006.01), C07D 403/04 (2006.01), C07D 405/14 (2006.01), C07D 405/04 (2006.01), C07D 413/14 (2006.01), C07D 401/04 (2006.01), C07D 401/14 (2006.01), A61K 31/519 (2006.01), A61P 29/00 (2006.01), A61P 35/00 (2006.01)
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(51) B41N 1/14 (2006.01), G03F 7/00 (2006.01), G03F 7/027 (2006.01), G03F 7/032 (2006.01), G03F 7/11 (2006.01)
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(51) C10G 75/00 (2006.01), B08B 3/08 (2006.01), B08B 9/08 (2006.01), C10G 2/00 (2006.01), C10G 47/00 (2006.01)
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(51) C10G 47/00 (2006.01), C10G 2/00 (2006.01)
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(51) C10G 2/00 (2006.01), C10G 47/00 (2006.01)
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(51) A61K 31/403 (2006.01), A61K 31/343 (2006.01), A61K 31/381 (2006.01), A61K 31/4439 (2006.01), A61K 31/454 (2006.01), A61K 31/4545 (2006.01), A61K 31/496 (2006.01), A61K 31/5377 (2006.01), A61K 47/10 (2006.01), A61K 47/14 (2006.01), A61K 47/20 (2006.01), A61K 47/22 (2006.01), A61K 47/34 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 35/00 (2006.01), A61P 35/02 (2006.01), A61P 35/04 (2006.01), A61P 43/00 (2006.01)
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(51) B29C 45/14 (2006.01), B29C 45/00 (2006.01), B65D 85/804 (2006.01), B65D 8/04 (2006.01)
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(51) H04B 7/155 (2006.01), H04W 88/04 (2009.01), H04B 7/02 (2006.01)
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(51) A61F 13/02 (2006.01), A61L 15/26 (2006.01), A61L 15/42 (2006.01), A61M 27/00 (2006.01), A61M 1/00 (2006.01)
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(51) F16C 33/64 (2006.01), B21D 53/10 (2006.01), B23K 11/04 (2006.01)
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(51) C08L 23/10 (2006.01), C08L 23/14 (2006.01)
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(51) G03G 21/18 (2006.01)
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(51) A61K 31/16 (2006.01), A61K 31/351 (2006.01), A61K 31/404 (2006.01), A61P 31/10 (2006.01)
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(51) C07C 51/00 (2006.01)
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(86) PCT CN2010/076197 de 20/08/2010
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(51) C22B 5/00 (2006.01)
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(51) C07C 51/00 (2006.01)
(86) PCT US2011/047373 de 11/08/2011
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(51) G01N 33/15 (2006.01), G01N 33/68 (2006.01), C12Q 1/00 (2006.01), G01N 33/48 (2006.01)
(86) PCT US2011/048395 de 19/08/2011
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(21) **BR 11 2013 003899-3 1.1**
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(51) C07K 16/18 (2006.01), C12N 15/13 (2006.01)
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(51) F01N 3/00 (2006.01)
(86) PCT US2011/048348 de 19/08/2011
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(51) C25B 1/00 (2006.01), B01D 53/94 (2006.01), F01N 3/20 (2006.01)
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(51) A01N 1/02 (2006.01)
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(51) B65D 85/84 (2006.01)
(86) PCT US2011/048666 de 22/08/2011
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(21) **BR 11 2013 003934-5 1.1**
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(51) A61K 9/00 (2006.01), A61K 9/107 (2006.01), A61K 9/14 (2006.01), A61K 9/16 (2006.01), A61K 31/7036 (2006.01), A61K 38/14 (2006.01)
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(51) F16B 13/08 (2006.01)
(86) PCT US2011/048334 de 18/08/2011
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(21) **BR 11 2013 003937-0 1.1**
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(51) C07C 209/74 (2006.01), C07C 211/52 (2006.01), C07C 211/64 (2006.01)
(86) PCT EP2011/004099 de 16/08/2011
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(51) G02F 1/1333 (2006.01), H01L 51/50 (2006.01), G09F 9/00 (2006.01)
(86) PCT US2011/048119 de 17/08/2011
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(51) H01B 7/30 (2006.01), H01B 7/00 (2006.01), H01F 5/00 (2006.01), H02K 3/02 (2006.01)
(86) PCT JP2011/066563 de 21/07/2011
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(21) **BR 11 2013 003940-0 1.1**
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(51) H01B 1/12 (2006.01)
(86) PCT US2011/001493 de 19/08/2011
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(21) **BR 11 2013 003941-8 1.1**
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(51) H01B 1/12 (2006.01)
(86) PCT US2011/001468 de 19/08/2011
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(21) **BR 11 2013 003942-6 1.1**
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(51) B64C 13/28 (2006.01), B64C 13/34 (2006.01)
(86) PCT IB2011/053144 de 14/07/2011
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(51) B62D 53/08 (2006.01)
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(51) B28C 7/00 (2006.01), B28C 7/04 (2006.01), C04B 40/00 (2006.01), B01F 5/04 (2006.01), B01F 3/12 (2006.01)
(86) PCT EP2011/067095 de 30/09/2011
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(51) A61J 1/14 (2006.01), A61J 1/03 (2006.01), B65D 81/26 (2006.01)
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(51) H01H 33/59 (2006.01), H01H 9/54 (2006.01), H01H 9/56 (2006.01), H02H 9/02 (2006.01)
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(51) C12Q 1/58 (2006.01), G01N 33/543 (2006.01)
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(51) C10G 67/10 (2006.01), C10G 19/02 (2006.01), C07C 7/10 (2006.01)
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(51) B01D 53/52 (2006.01), B01D 53/78 (2006.01), B01D 53/96 (2006.01)
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(51) H05B 3/84 (2006.01)
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(21) **BR 11 2013 003961-2 1.1**
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(51) H05B 3/84 (2006.01)
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(51) H01M 4/04 (2010.01), H01M 4/13 (2010.01), H01M 4/139 (2010.01), H01M 4/62 (2006.01), H01M 10/04 (2006.01), H01M 4/02 (2010.01), H01M 4/131 (2010.01), H01M 4/136 (2010.01), H01M 4/1391 (2010.01), H01M 4/1397 (2010.01), H01M 6/40 (2006.01), H01M 10/0525 (2010.01), H01M 10/0585 (2010.01)
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(51) H01M 4/66 (2006.01), H01M 10/0525 (2010.01), H01M 4/74 (2006.01)
(86) PCT FR2011/051996 de 31/08/2011
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(51) C11D 7/40 (2006.01), C11D 7/10 (2006.01), C11D 9/60 (2006.01), C11D 17/06 (2006.01)
(86) PCT IB2011/053739 de 25/08/2011
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(51) B23C 5/10 (2006.01), B23C 5/22 (2006.01)
(86) PCT IL2011/000594 de 24/07/2011
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(51) B62D 25/02 (2006.01)
(86) PCT US2011/049630 de 30/08/2011
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(51) A61L 29/04 (2006.01), A61L 29/14 (2006.01), A61L 31/04 (2006.01), A61L 31/14 (2006.01)
(86) PCT US2011/048103 de 17/08/2011
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(51) E21B 19/22 (2006.01), E21B 33/035 (2006.01), E21B 33/076 (2006.01)
(86) PCT GB2011/051580 de 22/08/2011
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(51) B65D 5/50 (2006.01), B65D 5/10 (2006.01), B65B 35/58 (2006.01)
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(51) H04N 7/173 (2011.01)
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(51) C11B 13/00 (2006.01), C11B 13/02 (2006.01)
(86) PCT US2011/051137 de 10/09/2011
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(51) B01D 35/30 (2006.01), B01D 46/00 (2006.01)
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(51) C12P 19/14 (2006.01), B01D 15/00 (2006.01), C12P 13/04 (2006.01), C12P 17/12 (2006.01), C12P 17/18 (2006.01), C12P 19/30 (2006.01), C12P 19/38 (2006.01)
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(51) B29C 45/00 (2006.01), B29D 23/20 (2006.01), B65D 35/08 (2006.01), B29C 45/27 (2006.01), B65D 35/44 (2006.01)
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(51) B65D 5/70 (2006.01), B65D 5/38 (2006.01), B65D 83/04 (2006.01), A61J 1/03 (2006.01)
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(51) G06F 17/30 (2006.01), G06Q 30/00 (2006.01)
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(51) C11D 11/00 (2006.01)
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(51) G06F 13/00 (2006.01), G06F 12/00 (2006.01), H04N 7/173 (2011.01)
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(51) H04N 7/173 (2011.01)
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(51) H04N 7/173 (2011.01), G06F 13/00 (2006.01)
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(51) C10M 161/00 (2006.01), C10M 169/04 (2006.01)
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(51) C03C 21/00 (2006.01), G01L 5/00 (2006.01)
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(51) H01H 33/59 (2006.01), H01H 9/54 (2006.01), H01H 9/56 (2006.01)
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(51) G06Q 30/00 (2006.01), H04M 3/42 (2006.01), H04M 3/487 (2006.01)
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(51) C21B 3/06 (2006.01), C04B 5/00 (2006.01), C04B 35/653 (2006.01), B28B 1/52 (2006.01), C03B 18/00 (2006.01)
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(51) F04B 43/00 (2006.01), F04B 43/067 (2006.01)
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(51) H04N 7/30 (2006.01)
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(21) **BR 11 2013 004113-7 1.1**
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(51) G02B 3/14 (2006.01), G02C 7/08 (2006.01), G02C 7/04 (2006.01), A61F 2/16 (2006.01), G02B 26/02 (2006.01)
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(51) G02B 3/14 (2006.01), A61F 2/16 (2006.01), G02B 1/04 (2006.01), G02C 7/04 (2006.01), G02C 7/08 (2006.01)
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(51) A61F 2/24 (2006.01)
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(51) B65D 21/08 (2006.01), B65D 51/24 (2006.01), B65D 81/38 (2006.01), B65D 85/78 (2006.01), B65D 43/02 (2006.01)
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(51) H04W 74/00 (2009.01), H04B 7/26 (2006.01)
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(51) D06P 1/38 (2006.01), D06P 3/66 (2006.01), C09B 67/22 (2006.01)
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(51) B01J 29/80 (2006.01), B01J 29/40 (2006.01), C01B 39/00 (2006.01)
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(51) C08F 210/16 (2006.01), C08F 4/649 (2006.01), C08F 4/654 (2006.01), C08J 5/18 (2006.01)
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(51) A61K 9/16 (2006.01), A61K 31/47 (2006.01)
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(21) **BR 11 2013 004132-3 1.1**
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(51) G01N 33/573 (2006.01), G01N 33/577 (2006.01)
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(51) A61B 17/72 (2006.01), A61B 17/80 (2006.01), A61B 17/86 (2006.01)
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(51) F02M 25/032 (2006.01), F02B 47/02 (2006.01)
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(51) B30B 15/14 (2006.01), B30B 1/28 (2006.01)
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(51) C07C 227/22 (2006.01), C07C 269/06 (2006.01), C07C 271/22 (2006.01), C07D 207/38 (2006.01), C07D 207/27 (2006.01)
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(51) A23K 1/00 (2006.01), A23K 1/16 (2006.01), A23L 1/30 (2006.01), A23L 1/308 (2006.01), A61K 31/70 (2006.01), A61K 35/74 (2006.01)
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(51) C07C 29/17 (2006.01), C07C 49/04 (2006.01), C07C 29/42 (2006.01), C07C 45/62 (2006.01), C07C 33/03 (2006.01), C07C 33/042 (2006.01)
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(51) H04W 72/04 (2009.01), H04W 28/04 (2009.01), H04W 76/04 (2009.01)
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(21) **BR 11 2013 004242-7 1.1**
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(51) B29C 70/44 (2006.01), B29C 70/48 (2006.01)
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(51) H01R 13/422 (2006.01), H01R 13/426 (2006.01), H01R 13/436 (2006.01)
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(51) B60J 7/00 (2006.01), B60J 1/20 (2006.01)
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(21) **BR 11 2013 004251-6 1.1**
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(51) F16D 13/08 (2006.01), B60K 25/02 (2006.01), F02B 67/06 (2006.01), F16D 13/12 (2006.01), F16D 13/76 (2006.01), F16D 7/02 (2006.01), F16H 7/20 (2006.01)
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(51) C12N 9/42 (2006.01)
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(21) **BR 11 2013 004258-3 1.1**
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(51) C07D 495/16 (2006.01), A61K 31/519 (2006.01), A61P 35/00 (2006.01)
(86) PCT JP11/068889 de 22/08/2011
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(21) **BR 11 2013 004260-5 1.1**
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(21) **BR 11 2013 004261-3 1.1**
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(51) C12P 19/14 (2006.01), B09B 3/00 (2006.01)
(86) PCT JP11/069743 de 31/08/2011
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(21) **BR 11 2013 004262-1 1.1**
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(51) A61F 2/24 (2006.01)
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(51) C07D 495/16 (2006.01), A61K 31/519 (2006.01), A61P 35/00 (2006.01)
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(21) **BR 11 2013 004266-4 1.1**
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(51) C07K 16/28 (2006.01), C12N 15/13 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01)
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(51) H01H 3/02 (2006.01), H01H 13/02 (2006.01), H01H 9/16 (2006.01)
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(51) B01J 31/00 (2006.01), B01J 37/00 (2006.01)
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(51) C09J 5/00 (2006.01), B65D 83/00 (2006.01), C08L 75/04 (2006.01), B32B 37/00 (2006.01)
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(51) D21H 25/04 (2006.01), D21F 3/08 (2006.01)
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(21) **BR 11 2013 004275-3 1.1**
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(51) C07H 5/06 (2006.01), C07H 11/00 (2006.01), C08G 73/00 (2006.01), A61K 47/48 (2006.01), A61P 31/00 (2006.01)
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(51) G01N 33/487 (2006.01), G01N 33/32 (2006.01), G01N 33/49 (2006.01), C12Q 1/00 (2006.01), G01N 27/30 (2006.01)
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(51) D04H 1/56 (2006.01), D04H 1/4291 (2012.01), B01D 39/14 (2006.01), D06M 11/05 (2006.01)
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(51) C25C 7/02 (2006.01), C25C 3/00 (2006.01), C25B 1/02 (2006.01)
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(51) F16H 57/04 (2010.01), B60K 6/387 (2007.10), B60K 6/442 (2007.10), B60K 6/52 (2007.10), B60L 11/14 (2006.01)
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(51) C08F 210/16 (2006.01), C08F 4/651 (2006.01), C08F 4/654 (2006.01)
(86) PCT US2011/048116 de 17/08/2011
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(21) **BR 11 2013 004292-3 1.1**
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(51) B32B 27/08 (2006.01), B32B 27/34 (2006.01)
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(21) **BR 11 2013 004293-1 1.1**
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(51) E21B 33/035 (2006.01), E21B 33/043 (2006.01)
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(21) **BR 11 2013 004294-0 1.1**
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(51) A61K 6/00 (2006.01), A61Q 11/00 (2006.01)
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(21) **BR 11 2013 004322-9 1.1**
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(51) C07D 471/00 (2006.01)
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(21) **BR 11 2013 004323-7 1.1**
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(51) E21B 15/00 (2006.01), E21B 19/14 (2006.01), E21B 19/20 (2006.01)
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(21) **BR 11 2013 004328-8 1.1**
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(21) **BR 11 2013 004331-8 1.1**
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(51) G21C 9/004 (2006.01)
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(21) **BR 11 2013 004339-3 1.1**
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(51) C09J 123/18 (2006.01), C09J 11/00 (2006.01), C09J 5/00 (2006.01)
(86) PCT US2011/048933 de 24/08/2011
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(21) **BR 11 2013 004341-5 1.1**
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(51) A01N 43/40 (2006.01), A61K 31/44 (2006.01), A01N 43/16 (2006.01), A61K 31/35 (2006.01), C07D 315/00 (2006.01)

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(51) G06F 21/56 (2013.01)
(86) PCT US2011/049182 de 25/08/2011
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(21) **BR 11 2013 004351-2 1.1**
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(51) C12N 15/54 (2006.01), C12P 7/64 (2006.01)
(86) PCT US2011/049384 de 26/08/2011
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(21) **BR 11 2013 004356-3 1.1**
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(51) C12N 15/54 (2006.01), C12P 7/64 (2006.01)
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(51) D06F 35/00 (2006.01), D06F 39/08 (2006.01)
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(51) A61F 2/16 (2006.01), A61F 9/00 (2006.01), A61M 5/32 (2006.01)
(86) PCT US2011/049029 de 24/08/2011
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(51) A61F 13/15 (2006.01), A61F 13/496 (2006.01)
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(51) A47J 43/046 (2006.01), A47J 43/07 (2006.01), A47J 19/00 (2006.01), B01F 7/00 (2006.01), B01F 15/00 (2006.01)
(86) PCT US11/046908 de 08/08/2011
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(21) **BR 11 2013 004388-1 1.1**
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(51) C02F 1/04 (2006.01), B01D 1/30 (2006.01), E21B 43/24 (2006.01), C09K 8/592 (2006.01)
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(51) H04L 1/16 (2006.01), H04L 1/18 (2006.01)
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(51) A61K 9/127 (2006.01), A61K 38/47 (2006.01), C07K 14/775 (2006.01), C12N 15/62 (2006.01), A61K 9/00 (2006.01)
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(21) **BR 11 2013 004396-2 1.1**
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(51) C12N 1/20 (2006.01)
(86) PCT EP2011/064598 de 25/08/2011
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(51) C02F 1/74 (2006.01), C02F 3/20 (2006.01), B01F 5/12 (2006.01), B01F 7/22 (2006.01), F04D 13/08 (2006.01)
(86) PCT US11/048936 de 24/08/2011
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(21) **BR 11 2013 004399-7 1.1**
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(51) B01D 53/02 (2006.01), B01D 17/038 (2006.01)
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(21) **BR 11 2013 004401-2 1.1**
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(51) A61K 9/127 (2006.01), A61K 38/47 (2006.01), C07K 14/775 (2006.01), C12N 15/62 (2006.01), C12P 21/00 (2006.01)
(86) PCT EP2011/064601 de 25/08/2011
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(21) **BR 11 2013 004404-7 1.1**
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(51) C12N 15/62 (2006.01), C12N 15/67 (2006.01), C12P 21/02 (2006.01), C12N 15/70 (2006.01)
(86) PCT EP2011/064599 de 25/08/2011
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(21) **BR 11 2013 004407-1 1.1**
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(51) B23Q 1/54 (2006.01), B23Q 1/62 (2006.01), A61C 13/00 (2006.01)
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(51) B60R 22/34 (2006.01)
(86) PCT CN2011/079005 de 26/08/2011
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(21) **BR 11 2013 004415-2 1.1**
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(51) A23P 1/08 (2006.01), A01J 25/12 (2006.01), A01J 27/02 (2006.01), A23C 19/16 (2006.01), A23L 1/00 (2006.01)
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(21) **BR 11 2013 004418-7 1.1**
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(51) G01M 3/28 (2006.01), G01M 3/38 (2006.01), G01N 9/24 (2006.01)
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(21) **BR 11 2013 004419-5 1.1**
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(51) C12N 15/31 (2006.01), C07K 14/37 (2006.01), C12R 1/885 (2006.01)
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(21) **BR 11 2013 004421-7 1.1**
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(51) H04J 11/00 (2006.01), H04W 72/04 (2009.01), H04B 7/04 (2006.01)
(86) PCT KR11/006290 de 01/03/2012
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(21) **BR 11 2013 004423-3 1.1**
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(51) H04W 72/04 (2009.01)
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(21) **BR 11 2013 004428-4 1.1**
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(51) A61N 1/05 (2006.01)
(86) PCT EP11/064641 de 25/08/2011
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(21) **BR 11 2013 004433-0 1.1**
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(51) H04W 4/12 (2009.01)
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(21) **BR 11 2013 004434-9 1.1**
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(51) B01D 35/26 (2006.01), B01D 29/13 (2006.01), B01D 29/60 (2006.01), F04B 43/02 (2006.01)
(86) PCT US2011/001485 de 24/08/2011
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(51) H04N 7/26 (2006.01)
(86) PCT JP2012/000161 de 12/01/2012
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(21) **BR 11 2013 004436-5 1.1**
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(51) A61K 38/16 (2006.01), A61K 38/03 (2006.01), A61K 9/127 (2006.01), A61K 9/133 (2006.01), A61P 31/04 (2006.01), A61P 31/00 (2006.01)
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(21) **BR 11 2013 004437-3 1.1**
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(51) H04W 72/04 (2009.01)
(86) PCT EP11/064578 de 24/08/2011
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(21) **BR 11 2013 004438-1 1.1**
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(51) H04W 72/12 (2009.01), H04W 72/04 (2009.01)
(86) PCT EP11/064293 de 19/08/2011
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(21) **BR 11 2013 004439-0 1.1**
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(51) C10G 65/04 (2006.01), C10G 45/02 (2006.01), C10G 65/06 (2006.01)
(86) PCT US11/039431 de 07/06/2011
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(51) A61K 47/12 (2006.01), A61K 47/14 (2006.01), A61K 9/00 (2006.01)
(86) PCT US2011/001567 de 12/09/2011
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(21) **BR 11 2013 004441-1 1.1**
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(51) B29D 30/20 (2006.01), B29D 30/46 (2006.01), B29D 30/70 (2006.01), B29D 30/42 (2006.01)
(86) PCT NL2012/050387 de 01/06/2012
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(51) B29C 33/02 (2006.01), B29C 33/10 (2006.01), B29C 35/02 (2006.01), B60C 5/14 (2006.01)
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(51) B01D 11/04 (2006.01)
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(21) **BR 11 2013 004446-2 1.1**
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(51) H01R 13/11 (2006.01), H01R 13/42 (2006.01)
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(21) **BR 11 2013 004447-0 1.1**
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(51) C09D 201/00 (2006.01), C09D 5/00 (2006.01), C09D 5/24 (2006.01), C09D 7/12 (2006.01)
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(51) H01R 43/02 (2006.01), B23K 20/10 (2006.01), H01R 4/18 (2006.01)
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(51) A61K 8/34 (2006.01), A61K 8/02 (2006.01), A61K 8/39 (2006.01), A61K 8/44 (2006.01), A61K 8/81 (2006.01), A61K 8/86 (2006.01), A61Q 5/10 (2006.01)
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(51) B01D 61/36 (2006.01), B01D 61/58 (2006.01)
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(51) B01J 20/20 (2006.01), B01D 53/64 (2006.01), C01B 31/08 (2006.01)
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(51) H04N 7/26 (2006.01), H04N 7/46 (2006.01)
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(51) C07D 413/00 (2006.01)
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(51) A01N 25/28 (2006.01), A01N 37/26 (2006.01), A01N 33/18 (2006.01), A01N 33/22 (2006.01), A01N 37/40 (2006.01), A01N 37/48 (2006.01), A01N 39/04 (2006.01), A01N 41/06 (2006.01), A01N 41/10 (2006.01), A01N 43/54 (2006.01), A01N 43/70 (2006.01), A01N 43/80 (2006.01), A01N 43/84 (2006.01), A01N 43/653 (2006.01), A01N 43/707 (2006.01)
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(51) A61Q 19/02 (2006.01), A61K 8/97 (2006.01), A61K 36/18 (2006.01), A61K 36/28 (2006.01), A61Q 19/00 (2006.01), A61K 8/02 (2006.01), A61K 8/49 (2006.01), A61Q 19/08 (2006.01), A61K 36/185 (2006.01)
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(51) E21B 7/04 (2006.01), E21B 17/00 (2006.01), E21B 44/00 (2006.01)
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(21) **BR 11 2013 004491-8 1.1**
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(51) H04N 21/236 (2011.01)
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(21) **BR 11 2013 004493-4 1.1**
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(51) A01N 25/24 (2006.01), A01N 47/38 (2006.01), A01N 57/14 (2006.01), A01N 57/20 (2006.01), A01P 3/00 (2006.01), A01P 7/02 (2006.01), A01P 7/04 (2006.01), A01P 13/00 (2006.01)
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(21) **BR 11 2013 004494-2 1.1**
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(51) A63H 18/00 (2006.01), A63H 18/02 (2006.01)
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(21) **BR 11 2013 004498-5 1.1**
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(51) B65D 3/10 (2006.01), D03D 15/00 (2006.01), D04H 3/04 (2006.01), D04H 3/14 (2006.01), D06M 10/02 (2006.01)
(86) PCT EP2011/063062 de 29/07/2011
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(51) A63B 21/075 (2006.01)
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(21) **BR 11 2013 004501-9 1.1**
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(51) A47L 11/34 (2006.01), A47L 11/29 (2006.01)
(86) PCT US2011/050254 de 01/09/2011
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(51) H01M 4/86 (2006.01), H01M 4/92 (2006.01), C25B 11/03 (2006.01)
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(51) C07D 211/58 (2006.01), A61P 11/00 (2006.01), A61K 31/4468 (2006.01)
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(51) H01L 33/50 (2010.01), H01L 33/52 (2010.01)
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(21) **BR 11 2013 004506-0 1.1**
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(51) C21D 9/46 (2006.01), C22C 38/00 (2006.01), C22C 38/06 (2006.01), C22C 38/60 (2006.01)
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(51) G06Q 50/00 (2006.01)
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(51) C07D 249/10 (2006.01), C07D 405/06 (2006.01), A01N 43/653 (2006.01)
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(51) F16L 11/18 (2006.01)
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(51) C12N 5/0735 (2010.01), C12N 5/071 (2010.01), C12N 5/02 (2006.01)
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(51) C07D 487/04 (2006.01), C07D 519/00 (2006.01), A61K 31/519 (2006.01), A61P 29/00 (2006.01)
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(51) B23K 9/20 (2006.01), B23K 11/00 (2006.01), B23K 11/14 (2006.01), B23K 31/02 (2006.01), B23K 35/02 (2006.01), B60R 1/02 (2006.01), F16B 37/06 (2006.01)
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(51) B26D 1/547 (2006.01), B26B 27/00 (2006.01), B25B 11/00 (2006.01), B60J 1/02 (2006.01), B60J 1/00 (2006.01)
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(51) C03B 11/00 (2006.01), C03B 29/06 (2006.01)
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(21) **BR 11 2013 004541-8 1.1**
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(51) D06F 39/02 (2006.01)
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(51) D06F 39/02 (2006.01)
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(21) **BR 11 2013 004543-4 1.1**
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(51) F24F 11/02 (2006.01), F24F 11/00 (2006.01), F24F 1/00 (2011.01)
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(51) F03B 13/20 (2006.01), F03B 13/24 (2006.01)
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(21) **BR 11 2013 004545-0 1.1**
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(51) A01N 25/34 (2006.01), A01N 43/64 (2006.01), A01N 59/00 (2006.01), A01N 59/14 (2006.01), A01N 43/50 (2006.01)
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(21) **BR 11 2013 004546-9 1.1**
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(51) C07D 207/06 (2006.01), C07D 311/72 (2006.01), C07D 295/096 (2006.01), C07C 37/00 (2006.01), C07C 37/07 (2006.01), C07C 39/08 (2006.01), C07C 213/08 (2006.01), C07C 215/50 (2006.01)
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(51) B05B 11/00 (2006.01)
(86) PCT FR2011/051949 de 23/08/2011
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(21) **BR 11 2013 004550-7 1.1**
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(51) E21B 10/32 (2006.01), E21B 44/00 (2006.01)
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(51) G06Q 30/00 (2006.01)
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(51) H04B 1/40 (2006.01)
(86) PCT KR2011/006210 de 23/08/2011
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(51) B01D 46/00 (2006.01)
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(51) A61F 13/15 (2006.01)
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(51) C07C 253/30 (2006.01), C07C 51/06 (2006.01), C07C 51/08 (2006.01), C07C 51/60 (2006.01), C07C 61/08 (2006.01), C07C 319/06 (2006.01), C07C 319/22 (2006.01), C07C 327/06 (2006.01), C07C 255/46 (2006.01), C07C 321/28 (2006.01)
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(21) **BR 11 2013 004558-2 1.1**
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(86) PCT US2011/049405 de 26/08/2011
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(21) **BR 11 2013 004561-2 1.1**
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(51) A47L 13/22 (2006.01), B65D 83/20 (2006.01)
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(21) **BR 11 2013 004563-9 1.1**
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(51) G06F 3/048 (2013.01), G06F 3/041 (2006.01), G06F 3/14 (2006.01), H04B 1/40 (2006.01)
(86) PCT KR2011/006323 de 26/08/2011
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(21) **BR 11 2013 004564-7 1.1**
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(51) G01M 17/02 (2006.01)
(86) PCT EP2011/065335 de 05/09/2011
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(51) G01S 7/52 (2006.01), G01S 15/89 (2006.01), G10K 11/34 (2006.01), G10K 11/35 (2006.01)
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(21) **BR 11 2013 004567-1 1.1**
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(51) C11D 17/00 (2006.01), C11D 3/39 (2006.01), C11D 3/33 (2006.01), C11D 3/02 (2006.01)
(86) PCT GB2011/051556 de 18/08/2011
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(21) **BR 11 2013 004568-0 1.1**
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(51) C10G 31/00 (2006.01), C10G 3/00 (2006.01), B01J 21/06 (2006.01), C07C 7/00 (2006.01), C10L 1/02 (2006.01)
(86) PCT US2011/047202 de 10/08/2011
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(21) **BR 11 2013 004569-8 1.1**
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(51) B29C 70/22 (2006.01), B29C 70/38 (2006.01), D04C 1/06 (2006.01), F16C 7/00 (2006.01)
(86) PCT EP2011/064873 de 30/08/2011
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(21) **BR 11 2013 004570-1 1.1**
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(51) A61K 9/00 (2006.01), A61K 9/107 (2006.01), A61K 47/14 (2006.01)
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(21) **BR 11 2013 004571-0 1.1**
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(51) C08G 14/06 (2006.01), C09J 161/34 (2006.01), C03C 25/34 (2006.01), C08K 5/053 (2006.01), C08K 5/21 (2006.01), F16L 59/00 (2006.01)
(86) PCT FR2011/051969 de 26/08/2011
(87) WO 2012/025699 de 01/03/2012

(21) **BR 11 2013 004572-8 1.1**
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(51) F16D 13/68 (2006.01), F16D 13/64 (2006.01)
(86) PCT FR2011/051872 de 04/08/2011
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(21) **BR 11 2013 004578-7 1.1**
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(51) C08L 101/12 (2006.01), C08K 3/10 (2006.01), C08L 83/00 (2006.01), C08L 63/00 (2006.01), C08L 23/16 (2006.01)
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(21) **BR 11 2013 004580-9 1.1**
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(51) B41J 2/175 (2006.01)
(86) PCT JP2012/000150 de 12/01/2012
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(21) **BR 11 2013 004581-7 1.1**
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(51) A61K 39/00 (2006.01), C07K 16/00 (2006.01)
(86) PCT US2011/049147 de 25/08/2011
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(21) **BR 11 2013 004582-5 1.1**
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(51) A61K 39/015 (2006.01)
(86) PCT EP2011/065434 de 07/09/2011
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(21) **BR 11 2013 004583-3 1.1**
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(51) G06Q 30/00 (2006.01)
(86) PCT EP2011/064009 de 15/08/2011
(87) WO 2012/025414 de 01/03/2012

(21) **BR 11 2013 004586-8 1.1**
(30) 27/08/2010 US 61/3777738; 19/10/2010 US 61/394662; 22/04/2011 US 61/478441
(51) C09K 8/584 (2006.01), C11D 1/06 (2006.01)
(86) PCT US2011/049617 de 29/08/2011
(87) WO 2012/027757 de 01/03/2012

(21) **BR 11 2013 004588-4 1.1**
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(51) C07C 45/38 (2006.01), C07C 47/04 (2006.01), C07C 51/353 (2006.01), C07C 47/052 (2006.01)
(86) PCT EP2011/065593 de 09/09/2011
(87) WO 2012/034929 de 22/03/2012

(21) **BR 11 2013 004594-9 1.1**
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(51) G01N 33/53 (2006.01)
(86) PCT EP2011/064702 de 26/08/2011
(87) WO 2012/025612 de 01/03/2012

(21) **BR 11 2013 004595-7 1.1**
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(51) G06F 17/30 (2006.01)
(86) PCT JP2012/070442 de 10/08/2012
(87) WO 2013/077039 de 30/05/2013

(21) **BR 11 2013 004597-3 1.1**

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(51) B65D 53/00 (2006.01), B65D 53/02 (2006.01), B65D 41/32 (2006.01), B65D 41/46 (2006.01), B65D 41/48 (2006.01), B65D 41/50 (2006.01), B67D 3/00 (2006.01)
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(51) C08F 2/38 (2006.01), C08F 212/08 (2006.01), C09D 5/02 (2006.01), D21H 19/48 (2006.01), C08F 236/10 (2006.01)
(86) PCT EP2011/064497 de 24/08/2011
(87) WO 2012/025545 de 01/03/2012

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(51) B01D 19/00 (2006.01), B01D 53/22 (2006.01), B29B 7/84 (2006.01), B29B 13/00 (2006.01), B29C 47/76 (2006.01), B29C 70/00 (2006.01), D01D 1/10 (2006.01)
(86) PCT EP2011/064808 de 29/08/2011
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(21) **BR 11 2013 004602-3 1.1**
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(51) B01D 17/02 (2006.01)
(86) PCT EP2011/065658 de 09/09/2011
(87) WO 2012/032161 de 15/03/2012

(21) **BR 11 2013 004603-1 1.1**
(51) G08B 3/10 (2006.01)
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(87) WO 2012/025702 de 01/03/2012

(21) **BR 11 2013 004604-0 1.1**
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(51) A63H 3/52 (2006.01), A63H 3/36 (2006.01)
(86) PCT US2011/049350 de 26/08/2011
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(21) **BR 11 2013 004605-8 1.1**
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(51) F25D 23/00 (2006.01), A47F 3/04 (2006.01)
(86) PCT EP2011/004283 de 26/08/2011
(87) WO 2012/025240 de 01/03/2012

(21) **BR 11 2013 004622-8 1.1**
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(51) F02M 65/00 (2006.01), F02M 59/46 (2006.01)
(86) PCT EP2011/064361 de 22/08/2011
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(21) **BR 11 2013 004623-6 1.1**
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(86) PCT EP2010/062594 de 27/08/2010
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(51) C07D 491/04 (2006.01), A61K 31/4355 (2006.01)
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(51) F01K 15/02 (2006.01), F01K 23/06 (2006.01), F01K 23/10 (2006.01), F01K 23/14 (2006.01), F22B 1/18 (2006.01)
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(21) **BR 11 2013 004648-1 1.1**
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(51) F16F 15/08 (2006.01), F16F 1/36 (2006.01)
(86) PCT JP2011/006362 de 15/11/2011
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(86) PCT US2010/055587 de 05/11/2010
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(51) A61P 11/10 (2006.01), A61P 11/12 (2006.01), A61P 11/14 (2006.01), A61K 31/047 (2006.01), A61K 31/085 (2006.01), A61K 31/09 (2006.01), A61K 31/122 (2006.01), A61K 31/137 (2006.01), A61K 31/185 (2006.01), A61K 31/197 (2006.01), A61K 31/198 (2006.01), A61K 31/223 (2006.01), A61K 31/235 (2006.01), A61K 31/265 (2006.01), A61K 31/357 (2006.01)
(86) PCT GB2011/051610 de 25/08/2011
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(51) H02J 7/35 (2006.01)
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(51) G01N 33/574 (2006.01), A61K 39/00 (2006.01)
(86) PCT US2011/050069 de 31/08/2011
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(51) H04N 21/854 (2011.01), H04N 21/236 (2011.01), H04N 5/91 (2006.01), G06Q 50/00 (2006.01)
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(51) C01B 3/02 (2006.01), C01C 1/04 (2006.01), C10J 3/00 (2006.01)
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(51) G06F 3/01 (2006.01), G06F 3/044 (2006.01), G06F 3/033 (2013.01), G06F 3/038 (2013.01), G06F 3/041 (2006.01)
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(51) H01M 4/86 (2006.01), H01B 1/24 (2006.01), H01M 4/88 (2006.01), H01M 4/96 (2006.01), H01M 8/10 (2006.01)
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(51) C07C 265/14 (2006.01), C07C 263/10 (2006.01), C09J 175/06 (2006.01), B27N 1/02 (2006.01)
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(51) A01M 1/02 (2006.01), A01M 1/00 (2006.01), A01M 1/14 (2006.01), C09J 201/00 (2006.01)
(86) PCT US2011/049544 de 29/08/2011
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(21) **BR 11 2013 004742-9 1.1**
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(51) H01C 7/12 (2006.01)
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(51) C07D 471/04 (2006.01), A61K 31/519 (2006.01), A61P 9/00 (2006.01), A61P 25/28 (2006.01), A61P 29/00 (2006.01)
(86) PCT GB2011/051647 de 02/09/2011
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(51) A47J 43/04 (2006.01)
(86) PCT US2011/049740 de 30/08/2011
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(51) A47L 11/34 (2006.01), A47L 11/29 (2006.01)
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(21) **BR 11 2013 004754-2 1.1**
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(51) B60G 11/12 (2006.01), B60G 11/04 (2006.01)
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(51) C09J 7/00 (2006.01), A61B 17/08 (2006.01), A61L 31/04 (2006.01), A61L 31/06 (2006.01), A61F 2/00 (2006.01), B29C 33/52 (2006.01)
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(21) **BR 11 2013 004757-7 1.1**
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(51) A61M 5/20 (2006.01), A61M 5/24 (2006.01), B65D 51/00 (2006.01), A61M 5/14 (2006.01), A61J 1/20 (2006.01), A61M 5/178 (2006.01), A61M 5/31 (2006.01)
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(51) H01L 31/042 (2006.01), B32B 27/32 (2006.01), C08L 23/04 (2006.01)
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(21) **BR 11 2013 004759-3 1.1**
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(51) B60G 11/12 (2006.01), B60G 11/04 (2006.01)
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(21) **BR 11 2013 004760-7 1.1**
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(51) E01B 7/22 (2006.01)
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(21) **BR 11 2013 004761-5 1.1**
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(51) B65D 17/32 (2006.01)
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(21) **BR 11 2013 004763-1 1.1**
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(51) B01D 53/86 (2006.01), B01J 29/072 (2006.01), B01J 29/24 (2006.01), B01J 29/46 (2006.01), B01J 29/76 (2006.01)
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(51) C25D 5/48 (2006.01), C23C 2/26 (2006.01)
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(51) A01N 65/00 (2009.01), A01P 1/00 (2006.01)
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(21) **BR 11 2013 004767-4 1.1**
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(51) A47J 31/36 (2006.01)
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(51) A01N 43/90 (2006.01), A01N 43/88 (2006.01), A01N 43/54 (2006.01), A01P 13/02 (2006.01)
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(51) H02H 1/00 (2006.01), G01R 31/40 (2006.01), G01R 31/12 (2006.01), G01R 31/14 (2006.01), H02H 7/26 (2006.01)
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(51) H02J 7/00 (2006.01), H01M 10/44 (2006.01)
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(51) C07D 471/04 (2006.01), C07D 491/04 (2006.01), C07D 495/04 (2006.01), A61K 31/437 (2006.01), A61P 35/00 (2006.01)
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(51) B65D 25/10 (2006.01), B65D 75/52 (2006.01), B65D 71/70 (2006.01), B65B 3/00 (2006.01)
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(51) A61K 39/395 (2006.01), C07K 16/22 (2006.01), C07K 16/40 (2006.01)
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(51) C12N 15/10 (2006.01), C12N 15/85 (2006.01)
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(51) B62H 5/00 (2006.01), B62J 1/12 (2006.01), B62J 1/28 (2006.01), B62J 17/00 (2006.01), B62J 99/00 (2009.01), B62K 19/40 (2006.01), B62K 21/02 (2006.01)
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(51) E21B 17/10 (2006.01), E21B 47/01 (2006.01)
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(51) E21B 17/10 (2006.01), E21B 47/01 (2006.01)
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(51) C12N 15/82 (2006.01), C12N 15/87 (2006.01), A01H 5/00 (2006.01), C12N 5/04 (2006.01)
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(51) C11D 3/08 (2006.01), C11D 3/12 (2006.01), C11D 3/37 (2006.01), C11D 17/00 (2006.01), D06M 11/34 (2006.01), D06M 15/21 (2006.01)
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(51) C11D 1/74 (2006.01), C11D 3/20 (2006.01), C11D 3/22 (2006.01), C11D 17/00 (2006.01), A61K 8/34 (2006.01), A61K 8/60 (2006.01), B01F 17/00 (2006.01)
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(51) A61K 51/04 (2006.01), A61K 101/02 (2006.01)
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(51) C09K 8/035 (2006.01), C09K 8/20 (2006.01), C09K 8/24 (2006.01)
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(51) E05B 65/20 (2006.01), E05B 65/12 (2006.01)
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(51) A61K 9/19 (2006.01), A61K 9/00 (2006.01), A61K 39/39 (2006.01), A61K 47/34 (2006.01), A61K 47/36 (2006.01)
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(51) G01V 5/04 (2006.01), E21B 47/00 (2006.01), G06F 19/00 (2011.01)
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(51) F01D 5/14 (2006.01), F01D 5/28 (2006.01), F01D 9/04 (2006.01), F01D 25/24 (2006.01)
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(51) C07D 213/74 (2006.01), C07D 401/04 (2006.01), A61P 35/00 (2006.01), A61K 31/437 (2006.01), A61K 31/4406 (2006.01)
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(51) G01M 3/00 (2006.01), G01M 3/20 (2006.01)
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(51) H01F 27/08 (2006.01), H01F 27/28 (2006.01)
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(51) C23C 16/40 (2006.01), C23C 16/455 (2006.01), C07F 5/06 (2006.01), H01L 31/0216 (2006.01)
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(51) A23B 4/03 (2006.01), A23B 7/02 (2006.01), A23L 1/00 (2006.01), A23L 1/212 (2006.01), A23L 1/311 (2006.01), A23L 1/40 (2006.01), A23L 2/08 (2006.01), A23P 1/02 (2006.01)
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(51) B01D 33/23 (2006.01), B29C 45/14 (2006.01)
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(21) **BR 11 2013 005160-4 1.1**
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(51) H04N 21/23 (2011.01), H04N 21/43 (2011.01)
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(21) **BR 11 2013 005161-2 1.1**
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(51) F02D 41/06 (2006.01), F02D 29/00 (2006.01), F02D 29/02 (2006.01), F02D 41/04 (2006.01)
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(21) **BR 11 2013 005163-9 1.1**
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(51) A62B 18/02 (2006.01), A62B 18/08 (2006.01), A62B 7/10 (2006.01)
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(21) **BR 11 2013 005192-2 1.1**
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(51) H01F 38/30 (2006.01)
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(21) **BR 11 2013 005197-3 1.1**
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(51) C04B 28/14 (2006.01)
(86) PCT EP2011/004531 de 08/09/2011
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(51) H05B 3/26 (2006.01), A61M 1/16 (2006.01), A61M 5/44 (2006.01)
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(51) B32B 17/10 (2006.01), C09K 21/02 (2006.01), E06B 5/16 (2006.01), C03C 17/22 (2006.01)
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(51) B01J 20/20 (2006.01), B01J 4/00 (2006.01), C01B 31/08 (2006.01), B01F 5/20 (2006.01), B01J 2/04 (2006.01), B01J 2/16 (2006.01)
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(51) C08L 23/04 (2006.01), C08J 5/18 (2006.01)
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(51) F01L 13/00 (2006.01), F01L 1/18 (2006.01)
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(51) F01D 21/04 (2006.01)
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(21) **BR 11 2013 005251-1 1.1**
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(51) B60P 1/64 (2006.01), B61D 45/00 (2006.01), B65D 88/12 (2006.01)
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(21) **BR 11 2013 005268-6 1.1**
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(51) H01F 27/08 (2006.01)
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(21) **BR 11 2013 005276-7 1.1**
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(51) G06F 7/00 (2006.01), G06F 17/30 (2006.01)
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(21) **BR 11 2013 005277-5 1.1**
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(21) **BR 11 2013 005278-3 1.1**
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(51) A61L 27/50 (2006.01), A61L 27/36 (2006.01)
(86) PCT GB2011/051817 de 26/09/2011
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(51) C10M 129/20 (2006.01), C10L 1/18 (2006.01), C10N 10/04 (2006.01), C10N 30/10 (2006.01), C10N 40/02 (2006.01), C10N 40/04 (2006.01), C10N 40/08 (2006.01), C10N 40/20 (2006.01), C10N 40/25 (2006.01), C10N 40/26 (2006.01), C10N 50/10 (2006.01)
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(51) B23K 11/11 (2006.01), B23K 11/24 (2006.01), B23K 11/30 (2006.01)
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(51) C08L 23/14 (2006.01), B32B 27/32 (2006.01), B65D 65/40 (2006.01), C08F 10/06 (2006.01), C08J 5/18 (2006.01), C08L 23/08 (2006.01), C08L 23/10 (2006.01)
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(51) B04B 1/20 (2006.01)
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(21) **BR 11 2013 005362-3 1.1**
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(51) B60R 21/34 (2011.01), B62D 25/10 (2006.01)
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(51) F01D 5/00 (2006.01), F02K 1/60 (2006.01), F02K 1/62 (2006.01), F02K 1/72 (2006.01), F02K 1/76 (2006.01)
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(51) D06F 58/22 (2006.01), D06F 58/28 (2006.01), D06F 58/04 (2006.01)
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(51) C25B 1/06 (2006.01), C25B 9/18 (2006.01)
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(51) B60K 35/00 (2006.01), G01P 13/00 (2006.01)
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(51) F01N 3/20 (2006.01), F01N 13/08 (2010.01)
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(51) E21B 34/06 (2006.01), E21B 43/00 (2006.01)
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(21) **BR 11 2013 005403-4 1.1**
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(51) F21V 7/22 (2006.01), F21K 99/00 (2010.01), F21Y 101/02 (2006.01)
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(21) **BR 11 2013 005404-2 1.1**
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(51) E21B 19/00 (2006.01), E21B 19/16 (2006.01), E21B 19/20 (2006.01)
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(21) **BR 11 2013 005406-9 1.1**
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(51) A61N 5/10 (2006.01), G01T 1/04 (2006.01), A61B 5/055 (2006.01)
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(21) **BR 11 2013 005407-7 1.1**
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(51) H01L 41/047 (2006.01), H01L 41/09 (2006.01), G02B 26/08 (2006.01)
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(21) **BR 11 2013 005408-5 1.1**
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(51) H01L 41/09 (2006.01), G02B 26/08 (2006.01)
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(21) **BR 11 2013 005409-3 1.1**
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(51) F16C 33/38 (2006.01), F16C 33/50 (2006.01), F16C 33/54 (2006.01)
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(51) B65G 47/90 (2006.01), B25J 15/00 (2006.01), B65H 3/22 (2006.01)
(86) PCT KR2011/005786 de 09/08/2011
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(21) **BR 11 2013 005412-3 1.1**
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(86) PCT CN10/077047 de 17/09/2010
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(51) G06F 17/00 (2006.01)
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(21) **BR 11 2013 005414-0 1.1**
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(51) C09C 1/30 (2006.01)
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(21) **BR 11 2013 005416-6 1.1**
(30) 08/09/2010 EP 10275092.4; 08/09/2010 GB 1014937.5
(51) B23Q 1/03 (2006.01), B21D 43/11 (2006.01), B23K 37/04 (2006.01), B65G 13/12 (2006.01)
(86) PCT GB2011/051643 de 01/09/2011
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(21) **BR 11 2013 005419-0 1.1**
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(51) B65D 51/22 (2006.01), B65D 75/58 (2006.01), B65D 47/20 (2006.01)
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(51) A01N 53/00 (2006.01), A01N 25/06 (2006.01), A01P 7/04 (2006.01)
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(51) C08G 69/46 (2006.01)
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(51) C08F 210/00 (2006.01), C08F 212/00 (2006.01), C08F 220/00 (2006.01), C08F 222/00 (2006.01), C08F 230/08 (2006.01)
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(51) A61K 31/69 (2006.01), C07F 5/02 (2006.01), A61P 31/04 (2006.01)
(86) PCT US2011/050728 de 07/09/2011
(87) WO 2012/033858 de 15/03/2012

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(51) A61K 39/095 (2006.01)
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(51) A01H 5/00 (2006.01), C12N 15/82 (2006.01), C07H 21/04 (2006.01)
(86) PCT US2011/050623 de 07/09/2011
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(51) A61K 38/12 (2006.01), A61P 9/10 (2006.01), A61P 27/02 (2006.01), A61P 17/00 (2006.01), A61P 11/00 (2006.01), A61P 9/12 (2006.01), A61P 25/00 (2006.01), A61P 13/12 (2006.01), B65D 69/00 (2006.01)
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(51) H04J 11/00 (2006.01), H04W 28/06 (2009.01), H04W 72/04 (2009.01)
(86) PCT JP2011/004699 de 24/08/2011
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(86) PCT US2011/052668 de 21/09/2011
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(51) C08F 2/20 (2006.01), A61F 13/53 (2006.01), A61L 15/60 (2006.01), C08F 20/06 (2006.01)
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(51) A61K 45/00 (2006.01), A61K 31/675 (2006.01), A61K 31/728 (2006.01), A61P 27/02 (2006.01)
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(51) A23L 1/00 (2006.01), A23L 1/09 (2006.01), A23L 1/236 (2006.01), A23P 1/02 (2006.01), A23G 4/00 (2006.01)
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(51) B41F 16/00 (2006.01), B41F 19/06 (2006.01)
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(51) A01M 1/24 (2006.01), A01M 1/20 (2006.01), A01M 1/00 (2006.01)
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(51) G01V 3/18 (2006.01), G01V 1/40 (2006.01), G01V 5/10 (2006.01), E21B 47/00 (2006.01), G01V 11/00 (2006.01)
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(51) C22C 21/00 (2006.01), B22D 21/04 (2006.01), C22F 1/04 (2006.01), C22C 21/02 (2006.01), C22C 21/08 (2006.01)
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(51) C07D 471/04 (2006.01), A61K 31/4188 (2006.01), A61K 31/437 (2006.01), A61K 31/52 (2006.01), A61K 31/5377 (2006.01), A61P 3/04 (2006.01), A61P 3/06 (2006.01), A61P 3/10 (2006.01), A61P 9/12 (2006.01), A61P 43/00 (2006.01), C07D 473/00 (2006.01), C07D 495/04 (2006.01)
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(51) A61K 8/02 (2006.01), A61K 8/37 (2006.01), A61K 8/67 (2006.01), A61K 8/81 (2006.01), A61Q 19/02 (2006.01), A61Q 19/08 (2006.01)
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(51) F16K 11/04 (2006.01), F16K 31/126 (2006.01), F16K 47/08 (2006.01), F16K 27/00 (2006.01), F16K 51/00 (2006.01)
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(51) C12P 7/52 (2006.01), C07C 59/01 (2006.01), C12N 1/20 (2006.01), C12R 1/145 (2006.01)
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(51) C07C 279/24 (2006.01), C07D 233/64 (2006.01), A61K 31/155 (2006.01)
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(51) F24F 1/00 (2011.01), F24F 11/02 (2006.01), H01T 19/04 (2006.01), H01T 23/00 (2006.01)
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(51) H01R 13/50 (2006.01), H01R 13/514 (2006.01), H01R 13/436 (2006.01)
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(51) B01D 11/04 (2006.01), C07C 59/06 (2006.01)
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(21) **BR 11 2013 005808-0 1.1**
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(51) A61B 3/10 (2006.01), A61B 3/14 (2006.01)
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(21) **BR 11 2013 005809-9 1.1**
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(51) H01M 2/16 (2006.01)
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(21) **BR 11 2013 005810-2 1.1**
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(51) A23L 1/30 (2006.01), A23L 2/38 (2006.01), A23L 2/52 (2006.01), A61K 31/352 (2006.01)
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(51) E21B 27/00 (2006.01), C09K 8/467 (2006.01), C04B 40/06 (2006.01)
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(51) G05B 19/409 (2006.01), G05B 19/427 (2006.01)
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(21) **BR 11 2013 005814-5 1.1**
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(51) C09K 8/26 (2006.01), C09K 8/28 (2006.01), C09K 8/68 (2006.01), C09K 8/70 (2006.01), B01F 17/00 (2006.01)
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(51) B01J 29/72 (2006.01), B01J 29/85 (2006.01), B01D 53/94 (2006.01), B01J 23/89 (2006.01), B01J 37/02 (2006.01)
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(51) B09C 1/08 (2006.01), G01N 31/00 (2006.01), C05B 5/00 (2006.01), C05D 3/02 (2006.01), C05D 3/00 (2006.01), C05D 3/04 (2006.01)

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(21) **BR 11 2013 005818-8 1.1**
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(51) C05D 3/00 (2006.01), C05D 3/02 (2006.01), C05G 3/00 (2006.01), C05B 5/00 (2006.01)
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(21) **BR 11 2013 005819-6 1.1**
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(51) C05D 3/02 (2006.01), C05D 3/04 (2006.01), C05B 5/00 (2006.01), C05D 3/00 (2006.01)
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(51) C05B 5/00 (2006.01), C05D 3/00 (2006.01), C05D 3/02 (2006.01), C05D 3/04 (2006.01), C05D 9/00 (2006.01), C05D 9/02 (2006.01)
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(51) C07D 403/04 (2006.01), C07D 409/04 (2006.01), C07D 241/38 (2006.01), C07D 243/10 (2006.01), C07D 401/04 (2006.01), C07D 403/10 (2006.01), C07D 405/04 (2006.01), C07D 405/10 (2006.01), C07D 409/10 (2006.01), C07D 413/10 (2006.01), C07D 417/04 (2006.01), C07D 417/10 (2006.01), C07D 471/04 (2006.01), C07D 491/04 (2006.01), C07D 495/04 (2006.01)
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(21) **BR 11 2013 005869-2 1.1**
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(51) A01N 43/54 (2006.01), A01N 43/58 (2006.01), A01N 43/60 (2006.01), A01N 43/40 (2006.01), A01P 5/00 (2006.01), A01P 7/00 (2006.01)
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(21) **BR 11 2013 005876-5 1.1**
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(51) A61B 19/00 (2006.01), A61B 1/00 (2006.01), G06K 9/64 (2006.01), G06T 7/00 (2006.01), A61B 17/00 (2006.01)
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(21) **BR 11 2013 005881-1 1.1**
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(51) C11B 1/10 (2006.01), C11B 3/00 (2006.01), C11B 3/06 (2006.01), C11B 3/08 (2006.01)
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(51) C07C 29/86 (2006.01), C07C 31/22 (2006.01)
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(21) **BR 11 2013 005947-8 1.1**
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(51) B32B 27/36 (2006.01), B32B 27/08 (2006.01), B65B 25/22 (2006.01), B65D 81/34 (2006.01)
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(51) A01N 25/22 (2006.01), A01N 53/00 (2006.01), A01N 43/90 (2006.01), A01P 5/00 (2006.01), A01P 7/00 (2006.01)
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(51) B61L 15/00 (2006.01)
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(51) F02M 51/06 (2006.01), F02M 63/00 (2006.01), H01F 7/16 (2006.01), F02M 61/16 (2006.01)
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(51) C02F 1/28 (2006.01), C02F 1/42 (2006.01), C02F 1/62 (2006.01), C02F 101/20 (2006.01), C02F 103/10 (2006.01), C02F 103/16 (2006.01), B01D 15/02 (2006.01), B01D 15/36 (2006.01), C22B 3/24 (2006.01)
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(51) E21B 33/13 (2006.01), E21D 20/00 (2006.01)
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(21) **BR 11 2013 005963-0 1.1**
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(51) H01Q 1/04 (2006.01), E21B 43/24 (2006.01), H05B 6/10 (2006.01)
(86) PCT US11/051014 de 09/09/2011
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(51) F25D 31/00 (2006.01)
(86) PCT EP11/003576 de 18/07/2011
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(51) H04N 7/26 (2006.01), G09G 3/34 (2006.01)
(86) PCT IB11/053950 de 09/09/2011
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(21) **BR 11 2013 005970-2 1.1**
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(51) A61K 39/04 (2006.01), A61K 39/39 (2006.01)
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(21) **BR 11 2013 005971-0 1.1**
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(51) F24D 11/00 (2006.01), B28B 7/16 (2006.01), E04B 1/348 (2006.01), E04B 5/48 (2006.01), E04C 2/52 (2006.01), F24D 3/14 (2006.01), F24D 5/02 (2006.01), F24F 13/02 (2006.01), F28D 20/00 (2006.01), F28F 21/04 (2006.01)
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(51) A61F 2/40 (2006.01)
(86) PCT FR2011/052116 de 15/09/2011
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(21) **BR 11 2013 005975-3 1.1**
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(51) B65D 81/26 (2006.01), B32B 5/24 (2006.01), B32B 27/32 (2006.01)
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(21) **BR 11 2013 005976-1 1.1**
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(51) B65D 85/16 (2006.01), A61F 13/15 (2006.01), A61F 13/472 (2006.01), B65B 11/10 (2006.01), B65D 65/40 (2006.01), B65D 75/42 (2006.01)
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(51) C07K 16/28 (2006.01), A61K 39/395 (2006.01)
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(21) **BR 11 2013 005978-8 1.1**
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(51) H01L 35/00 (2006.01)
(86) PCT US2011/051227 de 12/09/2011
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(21) **BR 11 2013 005980-0 1.1**
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(86) PCT JP2011/064991 de 23/06/2011
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(51) G08B 23/00 (2006.01)
(86) PCT US2011/051181 de 12/09/2011
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(21) **BR 11 2013 005983-4 1.1**
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(51) C08K 3/04 (2006.01), C08L 23/02 (2006.01)
(86) PCT US2011/051987 de 16/09/2011
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(21) **BR 11 2013 005984-2 1.1**
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(51) C10M 169/04 (2006.01), C10N 30/10 (2006.01), C10N 40/04 (2006.01), C10N 40/08 (2006.01)
(86) PCT US2011/052312 de 20/09/2011
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(51) A61B 5/07 (2006.01), A61B 1/04 (2006.01), A61B 6/00 (2006.01)
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(51) C10M 105/32 (2006.01), C10M 105/42 (2006.01), C10N 30/02 (2006.01), C10N 40/04 (2006.01), C10N 40/08 (2006.01)
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(51) A61K 9/08 (2006.01), A61K 9/16 (2006.01), A61K 31/167 (2006.01), A61K 31/192 (2006.01), A61K 31/616 (2006.01), A23L 2/00 (2006.01)
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(51) B32B 27/32 (2006.01), B32B 27/20 (2006.01), B32B 17/10 (2006.01), H01L 31/048 (2006.01)
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(51) H01S 3/09 (2006.01)
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(51) B24B 9/10 (2006.01), B24B 49/02 (2006.01), B24B 49/12 (2006.01), B24B 41/00 (2006.01)
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(21) **BR 11 2013 005992-3 1.1**
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(51) F02D 45/00 (2006.01), F02D 41/06 (2006.01), F02D 43/00 (2006.01), F02P 5/15 (2006.01)
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(51) F17C 3/00 (2006.01)
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(51) C08G 59/32 (2006.01), C08G 59/50 (2006.01), C08L 63/00 (2006.01)
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(51) B29D 30/06 (2006.01), B29C 33/02 (2006.01), B29C 35/02 (2006.01), B29L 30/00 (2006.01)
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(51) F16K 11/04 (2006.01), F16K 31/126 (2006.01), F16K 31/52 (2006.01), F16K 31/54 (2006.01), F16K 47/08 (2006.01)
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(51) F16K 1/32 (2006.01), F16K 1/34 (2006.01), F16K 1/52 (2006.01), F16K 1/54 (2006.01), F16K 11/04 (2006.01), F16K 31/126 (2006.01), F16K 47/08 (2006.01)
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(51) H01R 13/639 (2006.01), H01R 13/64 (2006.01)
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(51) B65B 1/04 (2006.01), B65B 1/26 (2006.01), B65B 3/04 (2006.01), B65B 3/14 (2006.01)
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(51) B60C 15/06 (2006.01), B60C 15/00 (2006.01)
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(51) G06T 7/00 (2006.01), G06T 1/00 (2006.01)
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(51) C11D 3/48 (2006.01), C11D 3/12 (2006.01), C11D 3/37 (2006.01), A01N 31/16 (2006.01), A01N 59/16 (2006.01), A01N 25/10 (2006.01), A01N 25/12 (2006.01)
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(21) **BR 11 2013 006020-4 1.1**
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(51) B65B 1/04 (2006.01), B65B 1/02 (2006.01), B65B 3/04 (2006.01)
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(21) **BR 11 2013 006021-2 1.1**
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(51) B29C 49/02 (2006.01), B29C 49/28 (2006.01), B29C 49/42 (2006.01)
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(51) A01N 25/02 (2006.01), A01N 33/22 (2006.01), A01N 43/653 (2006.01)
(86) PCT EP2011/065856 de 13/09/2011
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(21) **BR 11 2013 006030-1 1.1**
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(51) C07D 213/74 (2006.01), C07D 215/46 (2006.01), A61K 31/435 (2006.01), A61K 31/47 (2006.01), A61K 33/10 (2006.01)
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(51) C12N 1/21 (2006.01), C07D 277/04 (2006.01), C12N 15/09 (2006.01), C12P 13/12 (2006.01)
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(21) **BR 11 2013 006033-6 1.1**
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(51) A01N 37/36 (2006.01), A01N 31/08 (2006.01), A01N 27/00 (2006.01), A01N 3/02 (2006.01), A01P 21/00 (2006.01)
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(21) **BR 11 2013 006035-2 1.1**
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(51) G06F 3/048 (2013.01)
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(51) G01B 5/008 (2006.01), G01B 21/04 (2006.01), G05B 19/19 (2006.01), G05B 19/401 (2006.01)
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(21) **BR 11 2013 006043-3 1.1**
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(51) C12N 15/29 (2006.01), C12N 15/82 (2006.01), A01H 5/00 (2006.01)
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(51) C21D 1/18 (2006.01), C21D 1/22 (2006.01), C21D 6/00 (2006.01)
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(21) **BR 11 2013 006065-4 1.1**
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(51) C12P 7/06 (2006.01), C13K 1/02 (2006.01)
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(21) **BR 11 2013 006067-0 1.1**
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(51) F16G 11/04 (2006.01), F16G 11/10 (2006.01)
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(51) H01L 41/193 (2006.01), B29C 47/00 (2006.01), H01L 41/18 (2006.01), H01L 41/45 (2013.01)
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(21) **BR 11 2013 006082-4 1.1**
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(51) E21B 23/06 (2006.01), E21B 33/12 (2006.01)
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(51) C08L 23/14 (2006.01), C08K 5/435 (2006.01), C08J 9/04 (2006.01), C08L 23/16 (2006.01), C08K 5/43 (2006.01), C08K 5/28 (2006.01), D06N 3/04 (2006.01)
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(51) A61L 15/26 (2006.01), A61L 15/46 (2006.01)
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(21) **BR 11 2013 006087-5 1.1**
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(51) C10M 173/00 (2006.01), C10M 171/02 (2006.01), C10M 141/10 (2006.01), B65G 45/22 (2006.01), B65D 25/34 (2006.01), B05D 1/02 (2006.01)
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(51) A61J 9/00 (2006.01), A61J 9/08 (2006.01)
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(21) **BR 11 2013 006091-3 1.1**
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(51) A61K 8/43 (2006.01), A61K 8/41 (2006.01), A61K 8/60 (2006.01), A61Q 19/00 (2006.01)
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(51) B32B 17/04 (2006.01), B32B 27/04 (2006.01), B44C 5/00 (2006.01), B44C 5/04 (2006.01), B32B 5/22 (2006.01)
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(51) F16L 53/00 (2006.01), E21B 43/24 (2006.01), H05B 6/10 (2006.01), H01Q 1/04 (2006.01), H01Q 9/16 (2006.01), H01Q 9/24 (2006.01)
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(21) **BR 11 2013 006096-4 1.1**
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(51) A61K 8/43 (2006.01), A61K 8/41 (2006.01), A61K 8/60 (2006.01), A61Q 19/00 (2006.01)
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(51) H04L 9/32 (2006.01)
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(51) B05B 11/00 (2006.01), B05B 15/06 (2006.01), G01F 11/02 (2006.01), B05B 15/00 (2006.01)
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(51) G21K 1/02 (2006.01), H05G 1/02 (2006.01)
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(51) G10L 19/038 (2013.01), G10L 19/06 (2013.01), G10L 19/00 (2013.01), G10L 19/07 (2013.01)
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(51) B29B 9/06 (2006.01)
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(21) **BR 11 2013 006106-5 1.1**
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(51) H01F 41/02 (2006.01), B22F 1/00 (2006.01), C22C 28/00 (2006.01), C22C 33/02 (2006.01), C22C 38/00 (2006.01), H01F 1/053 (2006.01), H01F 1/08 (2006.01)
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(21) **BR 11 2013 006107-3 1.1**
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(51) B65D 19/32 (2006.01), B65D 19/34 (2006.01), B65D 19/38 (2006.01)
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(21) **BR 11 2013 006110-3 1.1**
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(51) G06F 3/033 (2013.01)
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(21) **BR 11 2013 006111-1 1.1**
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(51) B05B 15/12 (2006.01), B05D 1/32 (2006.01)
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(21) **BR 11 2013 006112-0 1.1**
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(51) B26F 1/16 (2006.01), H05K 3/00 (2006.01)
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(21) **BR 11 2013 006113-8 1.1**
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(51) G01N 31/22 (2006.01), G01N 21/78 (2006.01)
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(21) **BR 11 2013 006114-6 1.1**
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(51) F15B 15/14 (2006.01)
(86) PCT US2011/056396 de 14/10/2011
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(21) **BR 11 2013 006115-4 1.1**
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(51) F01D 25/24 (2006.01), F02K 1/56 (2006.01), F02K 1/80 (2006.01), F02K 1/76 (2006.01), F16B 2/14 (2006.01), F16L 23/036 (2006.01), F16L 37/10 (2006.01)
(86) PCT FR2011/052184 de 22/09/2011
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(21) **BR 11 2013 006116-2 1.1**
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(51) H01B 13/22 (2006.01), H01B 7/29 (2006.01), H01B 3/30 (2006.01)
(86) PCT US2011/051614 de 14/09/2011
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(21) **BR 11 2013 006118-9 1.1**
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(51) C09D 183/04 (2006.01), B05D 5/00 (2006.01), B05D 7/24 (2006.01), C09D 5/00 (2006.01), C09D 5/08 (2006.01), C09D 7/12 (2006.01), C09D 183/06 (2006.01), C09D 183/14 (2006.01)
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(51) E21B 33/12 (2006.01)
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(21) **BR 11 2013 006126-0 1.1**
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(51) F25B 13/00 (2006.01), F25B 1/00 (2006.01)
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(21) **BR 11 2013 006127-8 1.1**
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(51) H03M 13/00 (2006.01)
(86) PCT US2011/051939 de 16/09/2011
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(21) **BR 11 2013 006129-4 1.1**
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(51) G01V 1/28 (2006.01)
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(21) **BR 11 2013 006130-8 1.1**
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(51) C22B 5/10 (2006.01), C21B 11/02 (2006.01), C21B 13/00 (2006.01)

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(21) **BR 11 2013 006132-4 1.1**
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(51) G08B 17/107 (2006.01), G01N 21/53 (2006.01), G08B 29/04 (2006.01)
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(21) **BR 11 2013 006133-2 1.1**
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(51) C07C 245/20 (2006.01), H01M 4/02 (2010.01), H01M 10/36 (2010.01), H01M 10/42 (2006.01), H01M 4/13 (2010.01)
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(51) B61D 7/28 (2006.01), B61D 7/30 (2006.01)
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(21) **BR 11 2013 006140-5 1.1**
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(51) C11D 11/00 (2006.01), B08B 3/06 (2006.01), D06F 35/00 (2006.01)
(86) PCT GB2011/051726 de 14/09/2011
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(51) G06F 3/048 (2013.01)
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(21) **BR 11 2013 006143-0 1.1**
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(51) C22C 38/00 (2006.01), C21D 9/46 (2006.01), C22C 38/06 (2006.01), C22C 38/58 (2006.01), C23C 2/06 (2006.01), C23C 2/16 (2006.01), C23C 2/40 (2006.01)
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(51) B61D 7/28 (2006.01), B61D 7/30 (2006.01)
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(51) F16B 39/282 (2006.01), F16B 39/32 (2006.01), F16B 39/12 (2006.01), F16B 23/00 (2006.01)
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(51) F16J 15/52 (2006.01), B01D 46/00 (2006.01)
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(51) H01M 10/052 (2010.01), H01M 10/0525 (2010.01), H01M 10/0567 (2010.01), H01M 10/0563 (2010.01)
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(51) C10J 3/52 (2006.01), C10J 3/84 (2006.01)
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(51) C08F 10/00 (2006.01), C08F 2/00 (2006.01)
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(21) **BR 11 2013 006172-3 1.1**
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(51) B22D 17/22 (2006.01), B22D 17/26 (2006.01), B22C 7/02 (2006.01), B22C 9/06 (2006.01), B29C 33/20 (2006.01), B29C 45/33 (2006.01), B29C 45/66 (2006.01)
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(51) G01V 1/38 (2006.01), G01V 1/24 (2006.01)
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(21) **BR 11 2013 006262-2 1.1**
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(51) C08K 3/04 (2006.01), C08K 3/36 (2006.01), C08K 5/00 (2006.01), C08K 9/06 (2006.01), C08L 7/00 (2006.01), C08L 9/00 (2006.01)
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(51) C08G 59/06 (2006.01), C08K 5/17 (2006.01)
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(21) **BR 11 2013 006281-9 1.1**
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(51) G09B 21/00 (2006.01), G06F 3/048 (2013.01)
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(21) **BR 11 2013 006282-7 1.1**
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(51) G06F 21/75 (2013.01), G06K 7/08 (2006.01)
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(51) B60B 35/00 (2006.01)
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(51) C07K 14/415 (2006.01), C12N 15/82 (2006.01)
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(21) **BR 11 2013 006315-7 1.1**
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(51) C12N 9/42 (2006.01), C12P 21/06 (2006.01)
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(51) B65D 71/20 (2006.01)
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(21) **BR 11 2013 006328-9 1.1**
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(51) F01D 11/04 (2006.01), F01D 25/12 (2006.01), F01D 25/18 (2006.01), F01D 25/22 (2006.01), F16N 7/38 (2006.01), F01D 25/16 (2006.01), F02C 7/18 (2006.01)
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(51) A61K 31/565 (2006.01), A61K 47/40 (2006.01)
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(21) **BR 11 2013 006338-6 1.1**
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(51) C23C 14/35 (2006.01), H01J 37/34 (2006.01), C03C 17/00 (2006.01)
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(51) A01N 25/32 (2006.01), A01N 43/66 (2006.01), A01N 43/90 (2006.01), A01N 43/54 (2006.01), A01N 43/40 (2006.01), A01N 31/00 (2006.01), A01N 37/10 (2006.01), A01P 13/00 (2006.01)
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(51) B05D 3/02 (2006.01), B05D 7/06 (2006.01), B05D 7/08 (2006.01), C09D 197/00 (2006.01)
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(51) C07D 241/26 (2006.01), C07D 403/12 (2006.01), C07D 487/10 (2006.01), A61K 31/497 (2006.01), A61P 11/00 (2006.01)
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(51) A61K 31/4174 (2006.01), A61P 27/06 (2006.01)
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(51) E21B 21/10 (2006.01), E21B 33/126 (2006.01), E21B 33/1295 (2006.01)
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(51) E21C 41/26 (2006.01), B07B 13/00 (2006.01), C22B 1/00 (2006.01)
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(51) A61K 8/73 (2006.01), A61K 8/895 (2006.01), A61Q 1/02 (2006.01), A61Q 1/04 (2006.01)
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(51) F03G 7/06 (2006.01), B06B 3/02 (2006.01), F04B 43/00 (2006.01), B06B 1/10 (2006.01), F03G 7/00 (2006.01), F04B 45/00 (2006.01), B06B 1/14 (2006.01), F04B 39/08 (2006.01), F16H 35/00 (2006.01)
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(51) C11B 1/10 (2006.01), B01D 17/02 (2006.01), C10L 1/04 (2006.01), C12P 7/64 (2006.01)
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(51) C12N 15/113 (2010.01), A61K 31/7105 (2006.01), A61K 48/00 (2006.01), A61P 11/00 (2006.01), A61P 43/00 (2006.01)
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(51) F41H 5/013 (2006.01), F41H 5/04 (2006.01), B32B 17/10 (2006.01)
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(51) B60R 19/18 (2006.01), B60R 19/02 (2006.01)
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(21) **BR 11 2013 006590-7 1.1**
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(51) C10G 50/00 (2006.01), C07C 2/14 (2006.01), C10G 69/12 (2006.01), C10L 1/04 (2006.01), B01J 23/755 (2006.01)
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(51) E02B 15/04 (2006.01), B07C 5/34 (2006.01)
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(21) **BR 11 2013 006594-0 1.1**
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(51) C07D 239/34 (2006.01), A61K 31/505 (2006.01), A61K 31/506 (2006.01), A61K 31/517 (2006.01), A61K 31/538 (2006.01), A61P 1/14 (2006.01), A61P 3/10 (2006.01), A61P 11/00 (2006.01), A61P 13/08 (2006.01), A61P 25/00 (2006.01), A61P 25/04 (2006.01), A61P 25/16 (2006.01), A61P 25/18 (2006.01), A61P 25/20 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 25/34 (2006.01), A61P 25/36 (2006.01), C07D 239/47 (2006.01), C07D 239/88 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/12 (2006.01), C07D 405/12 (2006.01), C07D 409/14 (2006.01), C07D 413/12 (2006.01), C07D 417/12 (2006.01), C07D 471/04 (2006.01)
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(51) B65D 6/18 (2006.01)
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(21) **BR 11 2013 006607-5 1.1**
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(51) B65D 1/42 (2006.01), B65D 6/18 (2006.01)
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(21) **BR 11 2013 006611-3 1.1**
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(51) A01N 43/40 (2006.01)
(86) PCT EP2011/066448 de 21/09/2011
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(51) A01N 63/02 (2006.01), A01N 43/40 (2006.01), A01N 37/46 (2006.01), A01N 51/00 (2006.01), A01P 5/00 (2006.01), A01N 25/00 (2006.01)
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(51) B65D 81/18 (2006.01), B65D 85/34 (2006.01)
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(51) G06F 3/048 (2013.01), G06F 3/041 (2006.01)
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(51) F27B 21/06 (2006.01), C22B 1/20 (2006.01), C22B 1/26 (2006.01)
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(21) **BR 11 2013 006620-2 1.1**
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(51) A61B 3/14 (2006.01), A61B 3/12 (2006.01), A61B 3/13 (2006.01)
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(51) F27B 21/06 (2006.01), F27B 9/12 (2006.01), C22B 1/26 (2006.01), C22B 1/16 (2006.01)
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(51) D21H 11/18 (2006.01), D21C 9/00 (2006.01), D21H 17/20 (2006.01), D21H 21/00 (2006.01)
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(51) C07C 229/12 (2006.01), A61K 47/00 (2006.01)
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(51) A01N 37/42 (2006.01), A01N 49/00 (2006.01), C05F 11/10 (2006.01), A01N 43/653 (2006.01), A01N 27/00 (2006.01), A01N 37/44 (2006.01), A01P 21/00 (2006.01)
(86) PCT IB2011/054207 de 23/09/2011
(87) WO 2012/038935 de 29/03/2012

(21) **BR 11 2013 006661-0 1.1**
(30) 24/09/2010 US 12/890,571
(51) G06F 9/30 (2006.01), G06F 9/06 (2006.01)
(86) PCT US2011/052913 de 23/09/2011
(87) WO 2012/040552 de 29/03/2012

(21) **BR 11 2013 006662-8 1.1**
(30) 22/09/2010 DE 10 2010 041 198.1
(51) H01B 3/30 (2006.01), H01B 3/42 (2006.01), H02K 3/34 (2006.01)
(86) PCT EP2011/065020 de 31/08/2011
(87) WO 2012/038220 de 29/03/2012

(21) **BR 11 2013 006663-6 1.1**
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(51) A61M 5/172 (2006.01)
(86) PCT US2011/052481 de 21/09/2011
(87) WO 2012/040282 de 29/03/2012

(21) **BR 11 2013 006665-2 1.1**
(30) 24/09/2010 US 12/890,333
(51) H04L 12/18 (2006.01), G06F 15/16 (2006.01), G06F 17/28 (2006.01)
(86) PCT US2011/051877 de 16/09/2011
(87) WO 2012/040042 de 29/03/2012

(21) **BR 11 2013 006666-0 1.1**
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(51) H02G 3/04 (2006.01)
(86) PCT US11/052678 de 22/09/2011
(87) WO 2012/040413 de 29/03/2012

(21) **BR 11 2013 006667-9 1.1**
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(51) A61B 18/14 (2006.01), A61B 17/295 (2006.01)
(86) PCT US2011/052707 de 22/09/2011
(87) WO 2012/040430 de 29/03/2012

(21) **BR 11 2013 006668-7 1.1**
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(51) H04B 7/26 (2006.01), H04W 74/00 (2009.01)
(86) PCT US11/048717 de 23/08/2011
(87) WO 2012/039873 de 29/03/2012

(21) **BR 11 2013 006669-5 1.1**
(30) 24/09/2010 FI 20105988; 11/05/2011 FI 20115453
(51) C07K 14/705 (2006.01), C12N 15/861 (2006.01)
(86) PCT FI11/050826 de 23/09/2011
(87) WO 2012/038607 de 29/03/2012

(21) **BR 11 2013 006670-9 1.1**
(30) 23/09/2010 DE 10 2010 041 242.2
(51) C08J 3/02 (2006.01), C08L 23/16 (2006.01), C08L 33/00 (2006.01), C10M 169/00 (2006.01)
(86) PCT EP2011/062592 de 22/07/2011
(87) WO 2012/038116 de 29/03/2012

(21) **BR 11 2013 006671-7 1.1**
(30) 23/09/2010 EP 10178593.9; 12/11/2010 EP 10190955.4; 11/01/2011 EP 11150654.9
(51) C07D 213/53 (2006.01), C07D 213/61 (2006.01), C07D 213/64 (2006.01), C07D 213/65 (2006.01), C07D 213/79 (2006.01), C07D 213/80 (2006.01), C07D 213/84 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 471/04 (2006.01), C07D 493/04 (2006.01), C07D 495/04 (2006.01), A01N 43/40 (2006.01), A01N 43/54 (2006.01)
(86) PCT EP2011/066553 de 23/09/2011
(87) WO 2012/038521 de 29/03/2012

(21) **BR 11 2013 006672-5 1.1**
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(51) C01B 31/04 (2006.01)
(86) PCT US11/052514 de 21/09/2011
(87) WO 2012/040303 de 29/03/2012

(21) **BR 11 2013 006673-3 1.1**
(30) 22/09/2010 EP 10178346.2
(51) A61K 39/00 (2006.01), A61K 39/395 (2006.01), C07K 16/28 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/066511 de 22/09/2011
(87) WO 2012/038504 de 29/03/2012

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(51) B32B 5/04 (2006.01), B32B 5/14 (2006.01), B32B 27/12 (2006.01), A61F 13/15 (2006.01), A61F 13/49 (2006.01)
(86) PCT FR2011/000487 de 02/09/2011
(87) WO 2012/038613 de 29/03/2012

(21) **BR 11 2013 006675-0 1.1**
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(51) C04B 41/48 (2006.01), C04B 41/63 (2006.01), C04B 24/26 (2006.01), C04B 28/04 (2006.01), C04B 40/06 (2006.01), C04B 26/04 (2006.01)
(86) PCT EP11/051009 de 26/01/2011
(87) WO 2012/038099 de 29/03/2012

(21) **BR 11 2013 006676-8 1.1**
(30) 28/09/2010 JP 2010-216455
(51) F28D 20/00 (2006.01), F24F 5/00 (2006.01), F25B 1/00 (2006.01)
(86) PCT JP11/001087 de 25/02/2011
(87) WO 2012/042686 de 05/04/2012

(21) **BR 11 2013 006677-6 1.1**
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(51) D05B 37/08 (2006.01), D05B 83/00 (2006.01)
(86) PCT JP11/062908 de 06/06/2011
(87) WO 2012/039165 de 29/03/2012

(21) **BR 11 2013 006678-4 1.1**
(51) B62D 25/20 (2006.01)
(86) PCT JP2011/069951 de 01/09/2011
(87) WO 2013/031008 de 07/03/2013

(21) **BR 11 2013 006679-2 1.1**
(30) 22/09/2010 US 61/385,460
(51) C07K 16/00 (2006.01), C07K 16/18 (2006.01), C07K 16/28 (2006.01), A61K 39/395 (2006.01)
(86) PCT US11/052841 de 22/09/2011
(87) WO 2012/040518 de 29/03/2012

(21) **BR 11 2013 006680-6 1.1**
(30) 22/09/2010 FR 1057623
(51) C08F 265/06 (2006.01), C08L 51/06 (2006.01), C08L 67/04 (2006.01), C08J 5/18 (2006.01)
(86) PCT EP11/066348 de 20/09/2011
(87) WO 2012/038441 de 29/03/2012

(21) **BR 11 2013 006681-4 1.1**
(30) 24/09/2010 FR 10/03799
(51) B23K 37/02 (2006.01), B23K 37/053 (2006.01), B25B 27/16 (2006.01)
(86) PCT FR2011/000522 de 23/09/2011
(87) WO 2012/038623 de 29/03/2012

(21) **BR 11 2013 006682-2 1.1**
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(51) E21B 19/16 (2006.01)
(86) PCT US11/052768 de 22/09/2011
(87) WO 2012/040469 de 29/03/2012

(21) **BR 11 2013 006683-0 1.1**
(30) 22/09/2010 EP 10178345.4
(51) G01N 33/566 (2006.01), G01N 33/574 (2006.01), G01N 33/68 (2006.01), G01N 33/74 (2006.01), C12Q 1/68 (2006.01)
(86) PCT EP11/066514 de 22/09/2011
(87) WO 2012/038505 de 29/03/2012

(21) **BR 11 2013 006684-9 1.1**
(30) 24/09/2010 GB 10 16088.5; 05/07/2011 GB 11 11423.8
(51) A61B 6/02 (2006.01), G01N 21/47 (2006.01), G01T 1/29 (2006.01)
(86) PCT GB11/051786 de 22/09/2011
(87) WO 2012/038749 de 29/03/2012

(21) **BR 11 2013 006685-7 1.1**
(51) E04B 2/58 (2006.01), E04B 1/58 (2006.01), E04B 2/76 (2006.01), A47B 57/16 (2006.01), E04B 2/06 (2006.01), E04B 1/24 (2006.01), E04B 2/08 (2006.01)
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(21) **BR 11 2013 006687-3 1.1**
(30) 30/09/2010 JP 2010-222850
(51) B60K 17/12 (2006.01), B60K 1/02 (2006.01), B60K 6/365 (2007.10), B60K 6/40 (2007.10), B60K 6/442 (2007.10), B60K 6/52 (2007.10), B60L 11/14 (2006.01), F16H 57/02 (2006.01)
(86) PCT JP11/063739 de 15/06/2011
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(21) **BR 11 2013 006688-1 1.1**
(30) 22/09/2010 DE 10 2010 041 209.0
(51) C21C 5/52 (2006.01), C21C 5/56 (2006.01), F27B 3/18 (2006.01), F27D 3/00 (2006.01), F27D 13/00 (2006.01)
(86) PCT EP11/066018 de 15/09/2011
(87) WO 2012/038320 de 29/03/2012

(21) **BR 11 2013 006689-0 1.1**
(30) 22/09/2010 US 12/887,544; 22/09/2010 US 12/887,552; 21/03/2011 US 13/052,200
(51) A61K 9/00 (2006.01), A61K 9/20 (2006.01), B30B 15/34 (2006.01)
(86) PCT US11/029161 de 21/03/2011
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(21) **BR 11 2013 006691-1 1.1**
(30) 24/09/2010 DE 10 2010 046 446.5
(51) F16C 1/02 (2006.01), H01Q 3/32 (2006.01)
(86) PCT EP11/004754 de 22/09/2011
(87) WO 2012/038086 de 29/03/2012

(21) **BR 11 2013 006692-0 1.1**

(30) 10/02/2011 JP 2011-027764
(51) F04D 13/02 (2006.01), F04D 29/60 (2006.01)
(86) PCT JP12/052892 de 08/02/2012
(87) WO 2012/108475 de 16/08/2012

(21) **BR 11 2013 006693-8 1.1**
(30) 21/09/2010 US 61/385,058; 22/06/2011 US 61/499,994; 05/07/2011 US 61/504,616
(51) A61K 38/21 (2006.01)
(86) PCT US11/052304 de 20/09/2011
(87) WO 2012/040167 de 29/03/2012

(21) **BR 11 2013 006694-6 1.1**
(30) 24/09/2010 US 61/386,160; 28/01/2011 US 61/437,227
(51) A61B 17/04 (2006.01), A61B 17/00 (2006.01)
(86) PCT CH11/000222 de 21/09/2011
(87) WO 2012/037699 de 29/03/2012

(21) **BR 11 2013 006697-0 1.1**
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(51) A61B 17/04 (2006.01), A61B 17/00 (2006.01), A61B 19/00 (2006.01)
(86) PCT CH11/000223 de 21/09/2011
(87) WO 2012/037700 de 29/03/2012

(21) **BR 11 2013 006699-7 1.1**
(30) 24/09/2010 FI 20105991; 11/05/2011 FI 20115454
(51) C12N 15/861 (2006.01), C07K 16/28 (2006.01)
(86) PCT FI11/050822 de 23/09/2011
(87) WO 2012/038606 de 29/03/2012

(21) **BR 11 2013 006702-0 1.1**
(30) 20/09/2010 IB IB2010/002627
(51) A23C 9/12 (2006.01)
(86) PCT EP11/066269 de 20/09/2011
(87) WO 2012/038391 de 29/03/2012

(21) **BR 11 2013 006707-1 1.1**
(30) 28/09/2010 JP 2010-217060
(51) C22C 38/32 (2006.01), C22C 38/54 (2006.01), B22D 11/124 (2006.01), B22D 11/22 (2006.01), C21D 8/06 (2006.01)
(86) PCT JP11/068239 de 10/08/2011
(87) WO 2012/043074 de 05/04/2012

(21) **BR 11 2013 006709-8 1.1**
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(51) B65B 5/06 (2006.01), B65B 23/14 (2006.01), B65B 23/16 (2006.01), B65B 35/44 (2006.01), B65G 47/71 (2006.01)
(86) PCT EP11/066447 de 21/09/2011
(87) WO 2012/038475 de 29/03/2012

(21) **BR 11 2013 006715-2 1.1**
(30) 24/09/2010 GB 1016049.7
(51) C07C 51/43 (2006.01), B01D 9/00 (2006.01), C07C 51/487 (2006.01)
(86) PCT GB11/051790 de 22/09/2011
(87) WO 2012/038751 de 29/03/2012

(21) **BR 11 2013 006718-7 1.1**
(30) 20/09/2010 EP 10 009 990.2; 05/01/2011 EP 11 000 045.2
(51) A61K 39/00 (2006.01), C07K 14/705 (2006.01), C07K 14/47 (2006.01), C07K 14/045 (2006.01)
(86) PCT EP11/004674 de 19/09/2011
(87) WO 2012/038055 de 29/03/2012

(21) **BR 11 2013 006722-5 1.1**
(30) 24/09/2010 JP 2010-213012
(51) C07D 471/04 (2006.01), A61K 31/53 (2006.01), A61P 31/16 (2006.01), A61P 43/00 (2006.01)
(86) PCT JP2011/071446 de 21/09/2011
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(21) **BR 11 2013 006723-3 1.1**
(30) 23/09/2010 US 12/889057
(51) B01D 53/26 (2006.01), F24F 3/14 (2006.01), B65D 85/00 (2006.01), A61L 9/00 (2006.01)
(86) PCT US2011/052694 de 22/09/2011
(87) WO 2012/040423 de 29/03/2012

(21) **BR 11 2013 006724-1 1.1**
(30) 24/09/2010 GB 1016079.4
(51) G01S 19/24 (2010.01)
(86) PCT EP2011/066478 de 22/09/2011
(87) WO 2012/038496 de 29/03/2012

(21) **BR 11 2013 006725-0 1.1**
(30) 27/09/2010 US 61/386643
(51) B03D 1/004 (2006.01), B03D 1/02 (2006.01), C02F 1/24 (2006.01), B03D 103/08 (2006.01)
(86) PCT AU2011/001234 de 26/09/2011
(87) WO 2012/040773 de 05/04/2012

(21) **BR 11 2013 006728-4 1.1**
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(51) B66C 1/10 (2006.01)
(86) PCT EP2011/067311 de 04/10/2011
(87) WO 2012/045741 de 12/04/2012

(21) **BR 11 2013 006737-3 1.1**
(30) 23/09/2010 EP 10 178 912.1
(51) F16B 7/04 (2006.01)
(86) PCT EP2011/066222 de 19/09/2011
(87) WO 2012/038376 de 29/03/2012

(21) **BR 11 2013 006738-1 1.1**
(30) 27/09/2010 RU 2010139693
(51) C22C 14/00 (2006.01), C22B 9/20 (2006.01)
(86) PCT RU2011/000731 de 23/09/2011
(87) WO 2012/044205 de 05/04/2012

(21) **BR 11 2013 006739-0 1.1**
(30) 29/09/2010 JP 2010-219081
(51) H01P 3/12 (2006.01), H01P 1/04 (2006.01), H01P 11/00 (2006.01), H01Q 13/02 (2006.01), H04B 1/38 (2006.01)
(86) PCT JP2011/070360 de 07/09/2011
(87) WO 2012/043175 de 05/04/2012

(21) **BR 11 2013 006740-3 1.1**
(30) 15/07/2011 JP 2011-156561
(51) H02J 3/46 (2006.01), H01M 10/44 (2006.01), H01M 10/48 (2006.01), H02J 3/32 (2006.01), H02J 7/35 (2006.01)
(86) PCT JP2012/064462 de 05/06/2012
(87) WO 2013/011758 de 24/01/2013

(21) **BR 11 2013 006741-1 1.1**
(30) 27/09/2010 RU 2010139738
(51) C22F 1/18 (2006.01)
(86) PCT RU2011/000730 de 23/09/2011
(87) WO 2012/044204 de 05/04/2012

(21) **BR 11 2013 006742-0 1.1**
(30) 28/09/2010 EP 10397515.7
(51) B01D 1/06 (2006.01)
(86) PCT FI2011/050838 de 28/09/2011
(87) WO 2012/042113 de 05/04/2012

(21) **BR 11 2013 006743-8 1.1**
(30) 24/09/2010 US 12/889,996
(51) H01R 13/74 (2006.01)
(86) PCT US2011/050822 de 08/09/2011
(87) WO 2012/039949 de 29/03/2012

(21) **BR 11 2013 006744-6 1.1**
(30) 24/09/2010 US 12/890,497
(51) G06F 15/76 (2006.01), G06F 7/00 (2006.01), G06F 9/30 (2006.01)
(86) PCT US2011/052899 de 23/09/2011
(87) WO 2012/040545 de 29/03/2012

(21) **BR 11 2013 006753-5 1.1**
(30) 06/10/2010 US 61/390,530
(51) C23C 24/08 (2006.01), G02B 1/11 (2006.01), H01L 31/0203 (2006.01), H01L 31/0216 (2006.01), H01L 31/0236 (2006.01), B82Y 30/00 (2011.01), B82Y 40/00 (2011.01), G02B 5/02 (2006.01)
(86) PCT US2011/054200 de 30/09/2011
(87) WO 2012/047749 de 12/04/2012

(21) **BR 11 2013 006754-3 1.1**
(30) 11/10/2010 GB 1017105.6
(51) H04R 1/10 (2006.01), A61F 11/14 (2006.01)
(86) PCT US11/055019 de 06/10/2011
(87) WO 2012/051030 de 19/04/2012

(21) **BR 11 2013 006763-2 1.1**
(30) 20/09/2010 DE 10 2010 046 025.7
(51) H04N 5/272 (2006.01), H04N 9/75 (2006.01)
(86) PCT EP11/004114 de 16/08/2011
(87) WO 2012/038009 de 29/03/2012

(21) **BR 11 2013 006764-0 1.1**
(30) 21/09/2010 AU 2010904249
(51) G01N 33/68 (2006.01), A61P 13/12 (2006.01), C12Q 1/25 (2006.01), A61K 38/17 (2006.01), C07K 14/47 (2006.01), C12Q 1/68 (2006.01)
(86) PCT AU11/001212 de 20/09/2011
(87) WO 2012/037603 de 29/03/2012

(21) **BR 11 2013 006766-7 1.1**
(30) 22/09/2010 EP 10178370.2
(51) D04B 1/14 (2006.01), F21V 33/00 (2006.01)
(86) PCT IB11/054028 de 15/09/2011
(87) WO 2012/038862 de 29/03/2012

(21) **BR 11 2013 006767-5 1.1**
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(51) A45D 34/04 (2006.01)
(86) PCT US11/052521 de 21/09/2011
(87) WO 2012/040308 de 29/03/2012

(21) **BR 11 2013 006768-3 1.1**
(30) 24/09/2010 KR 10-2010-0092765; 19/09/2011 KR 10-2011-0094187
(51) B01D 53/02 (2006.01), B01D 53/14 (2006.01), B01D 47/00 (2006.01), B01D 46/00 (2006.01)
(86) PCT KR11/006966 de 21/09/2011
(87) WO 2012/039584 de 29/03/2012

(21) **BR 11 2013 006769-1 1.1**
(30) 27/09/2010 US 61/386,619; 27/09/2010 EP 10180485.4; 31/01/2011 US 61/437,696; 29/03/2011 US 61/468,607; 17/05/2011 US 61/486,814
(51) A61K 39/395 (2006.01), C07K 16/28 (2006.01), C07K 16/30 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP11/066648 de 26/09/2011
(87) WO 2012/041800 de 05/04/2012

(21) **BR 11 2013 006770-5 1.1**
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(51) F04C 18/52 (2006.01), F04C 28/12 (2006.01)
(86) PCT JP11/005516 de 29/09/2011
(87) WO 2012/042891 de 05/04/2012

(21) **BR 11 2013 006771-3 1.1**
(30) 30/09/2010 EP 10184026.2; 01/10/2010 US 61/388,805
(51) C08G 18/24 (2006.01), C08G 18/38 (2006.01), C08G 18/40 (2006.01), C08G 18/79 (2006.01), C09D 175/04 (2006.01), B05D 3/06 (2006.01), C08J 3/24 (2006.01)
(86) PCT EP11/066699 de 27/09/2011
(87) WO 2012/041818 de 05/04/2012

(21) **BR 11 2013 006772-1 1.1**
(30) 23/09/2010 US 61/385,667; 22/09/2011 US 13/240,740
(51) H02K 7/18 (2006.01), H02K 1/32 (2006.01), H02K 9/02 (2006.01)
(86) PCT US11/052892 de 23/09/2011
(87) WO 2012/040541 de 29/03/2012

(21) **BR 11 2013 006773-0 1.1**
(30) 23/09/2010 US 61/385,700; 22/09/2011 US 13/240,768
(51) H02K 1/14 (2006.01), H02K 1/18 (2006.01), H02K 1/20 (2006.01)
(86) PCT US11/052882 de 23/09/2011
(87) WO 2012/040535 de 29/03/2012

(21) **BR 11 2013 006774-8 1.1**
(30) 23/09/2010 EP 10178997.2
(51) G01N 35/00 (2006.01)
(86) PCT EP11/063692 de 09/08/2011
(87) WO 2012/038146 de 29/03/2012

(21) **BR 11 2013 006776-4 1.1**
(30) 30/11/2010 CN 201010565807.1
(51) B23C 5/10 (2006.01)
(86) PCT CN2011/073412 de 28/04/2011
(87) WO 2012/071847 de 07/06/2012

(21) **BR 11 2013 006777-2 1.1**
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(51) G01V 11/00 (2006.01), G01V 99/00 (2009.01)
(86) PCT FR11/052099 de 14/09/2011
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(21) **BR 11 2013 006778-0 1.1**
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(51) C09K 11/06 (2006.01), C08G 63/13 (2006.01), C08G 63/199 (2006.01), H01L 51/50 (2006.01), C08G 63/181 (2006.01), C08L 67/02 (2006.01), H05B 33/14 (2006.01), C08G 63/183 (2006.01), H01L 51/52 (2006.01), H01L 51/00 (2006.01), C08G 63/187 (2006.01), C08G 63/127 (2006.01), C08G 63/189 (2006.01)
(86) PCT IB11/054134 de 21/09/2011
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(21) **BR 11 2013 006779-9 1.1**
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(51) G01V 99/00 (2009.01)
(86) PCT FR11/052111 de 14/09/2011
(87) WO 2012/045937 de 12/04/2012

(21) **BR 11 2013 006782-9 1.1**
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(51) F16L 53/00 (2006.01), E21B 43/24 (2006.01), H05B 6/10 (2006.01), H01Q 1/04 (2006.01), H01Q 9/16 (2006.01), H01Q 9/24 (2006.01)
(86) PCT US11/051301 de 13/09/2011
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(21) **BR 11 2013 006783-7 1.1**
(30) 20/09/2010 US 61/384,456; 21/09/2010 US 61/385,020; 13/12/2010 US 61/422,574; 20/09/2011 US 13/237,827; 12/03/2013 US 61/418,509
(51) G06F 15/16 (2006.01)
(86) PCT US11/052420 de 20/09/2011
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(51) B63B 27/30 (2006.01), B63B 35/03 (2006.01)
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(51) C07D 489/12 (2006.01), A61K 31/485 (2006.01), A61P 25/04 (2006.01)
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(51) B21C 37/08 (2006.01), B21C 37/09 (2006.01), B21D 5/14 (2006.01), B21D 53/88 (2006.01), F01N 3/28 (2006.01)
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(51) B63C 9/08 (2006.01), B63C 9/105 (2006.01), B63C 9/15 (2006.01)
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(51) D01F 1/07 (2006.01), D01F 6/60 (2006.01), D02G 3/02 (2006.01), D03D 15/12 (2006.01), D04H 1/42 (2006.01)
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(51) A61K 8/35 (2006.01), A61K 8/88 (2006.01), A61Q 17/04 (2006.01), A61K 8/02 (2006.01)
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(51) C08J 3/075 (2006.01), C08B 37/00 (2006.01)
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(51) F02M 25/07 (2006.01), F02D 41/00 (2006.01)
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(51) G06Q 40/04 (2012.01)
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(51) C08G 59/32 (2006.01), C08J 5/24 (2006.01), C08L 63/00 (2006.01)
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(51) H02K 1/14 (2006.01), H02K 29/03 (2006.01), H02K 1/27 (2006.01)
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(51) C12N 15/82 (2006.01), C12N 15/29 (2006.01), A01H 1/00 (2006.01)
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(51) H01R 13/523 (2006.01), H01R 105/00 (2006.01)
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(51) G06F 1/04 (2006.01), G06F 1/32 (2006.01), G06F 9/30 (2006.01), G06F 15/76 (2006.01)
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(51) A61B 18/12 (2006.01), A61B 19/00 (2006.01)
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(51) H01L 27/146 (2006.01), H04N 9/04 (2006.01)
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(51) A61C 17/34 (2006.01), H02K 33/16 (2006.01), H02K 33/18 (2006.01)
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(51) F01K 3/00 (2006.01), F01K 7/22 (2006.01), F22B 1/02 (2006.01), F22B 1/00 (2006.01)
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(51) C07D 207/20 (2006.01), A01N 43/36 (2006.01)
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(51) A61K 8/34 (2006.01), A61K 8/37 (2006.01), A61Q 5/02 (2006.01), A61Q 19/10 (2006.01), C11D 3/50 (2006.01), C11D 9/44 (2006.01), C11D 10/06 (2006.01), A61K 8/36 (2006.01)
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(51) C07C 231/12 (2006.01), C07C 231/14 (2006.01), C07C 237/06 (2006.01), C07C 237/22 (2006.01)
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(51) B60N 2/50 (2006.01), B60N 2/52 (2006.01)
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(51) B65G 21/02 (2006.01)
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(51) D21F 1/80 (2006.01), D21F 9/00 (2006.01)
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(21) **BR 11 2013 007048-0 1.1**
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(51) E21B 47/022 (2006.01), E21B 7/04 (2006.01), G01V 3/30 (2006.01)
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(21) **BR 11 2013 007052-8 1.1**
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(51) C11D 9/26 (2006.01), C11D 10/04 (2006.01), C11D 17/08 (2006.01)
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(21) **BR 11 2013 007055-2 1.1**
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(51) E21B 44/00 (2006.01)
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(51) C07D 207/08 (2006.01), C07D 263/20 (2006.01), A01N 43/36 (2006.01), A01N 43/76 (2006.01)
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(51) C10L 3/06 (2006.01)
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(51) C07D 311/58 (2006.01), C07D 405/06 (2006.01), A61K 31/352 (2006.01)
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(51) H04N 7/50 (2006.01)
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(51) C04B 26/06 (2006.01), D06F 37/26 (2006.01)
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(51) B62K 17/00 (2006.01), B62K 11/02 (2006.01), B62K 15/00 (2006.01), B62M 6/40 (2010.01), B62M 7/00 (2010.01)
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(51) B23Q 3/06 (2006.01), B23Q 3/08 (2006.01), B25B 5/14 (2006.01), F01D 25/28 (2006.01)
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(51) G06F 1/00 (2006.01)
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(51) B64C 13/50 (2006.01), B64C 13/16 (2006.01)
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(51) F15B 15/14 (2006.01), B64C 11/38 (2006.01)
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(51) A61K 31/485 (2006.01), A61K 31/765 (2006.01), A61P 25/04 (2006.01), A61K 31/194 (2006.01), A61K 33/42 (2006.01)
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(51) C07C 51/12 (2006.01), C07C 53/08 (2006.01)
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(51) A61K 36/185 (2006.01), A61K 8/97 (2006.01), A61K 8/64 (2006.01), A61K 8/89 (2006.01), A61K 8/27 (2006.01), A61K 33/30 (2006.01), A61P 17/00 (2006.01), A61Q 19/00 (2006.01)
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(51) E21B 41/00 (2006.01), E21B 43/16 (2006.01)
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(51) A61B 17/70 (2006.01), A61B 17/88 (2006.01)
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(51) G01V 9/00 (2006.01), E21B 47/00 (2006.01), G01N 33/24 (2006.01), G06F 19/00 (2011.01)
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(51) H01H 50/36 (2006.01)
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(51) G01V 3/18 (2006.01), E21B 47/00 (2006.01)
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(51) G01V 1/30 (2006.01), G01V 1/28 (2006.01)
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(51) C11B 1/00 (2006.01), C11B 1/02 (2006.01), C10G 50/00 (2006.01)
(86) PCT US2011/052888 de 23/09/2011
(87) WO 2012/057946 de 03/05/2012

(21) **BR 11 2013 007141-9 1.1**
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(51) C10G 50/00 (2006.01), C07C 2/26 (2006.01), C07C 7/04 (2006.01), B01J 31/02 (2006.01)
(86) PCT US2011/044140 de 15/07/2011
(87) WO 2012/087380 de 28/06/2012

(21) **BR 11 2013 007149-4 1.1**
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(51) H04L 29/04 (2006.01), G06F 15/16 (2006.01), G06F 9/44 (2006.01)
(86) PCT US2011/051658 de 14/09/2011
(87) WO 2012/050720 de 19/04/2012

(21) **BR 11 2013 007150-8 1.1**
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(51) G03G 15/08 (2006.01)
(86) PCT JP2011/073029 de 29/09/2011
(87) WO 2012/043876 de 05/04/2012

(21) **BR 11 2013 007154-0 1.1**
(51) C23C 8/14 (2006.01), C21D 9/46 (2006.01), C22C 38/00 (2006.01), C22C 38/06 (2006.01), C22C 38/58 (2006.01)
(86) PCT JP2010/067611 de 30/09/2010
(87) WO 2012/042676 de 05/04/2012

(21) **BR 11 2013 007157-5 1.1**
(30) 08/10/2010 AT A1683/2010
(51) B21C 47/34 (2006.01), B21B 39/00 (2006.01), B21D 43/09 (2006.01), B65H 20/02 (2006.01)
(86) PCT EP2011/066707 de 27/09/2011
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(21) **BR 11 2013 007160-5 1.1**
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(51) A61K 47/48 (2006.01), A61K 49/00 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2011/004664 de 16/09/2011
(87) WO 2012/041451 de 05/04/2012

(21) **BR 11 2013 007161-3 1.1**

(30) 28/09/2010 US 12/892,348; 13/09/2011 US 13/231,205
(51) C07C 51/12 (2006.01), C07C 53/08 (2006.01)
(86) PCT US2011/053539 de 27/09/2011
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(21) **BR 11 2013 007162-1 1.1**
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(51) H02J 9/00 (2006.01), G06F 1/32 (2006.01)
(86) PCT EP2011/066433 de 21/09/2011
(87) WO 2012/041750 de 05/04/2012

(21) **BR 11 2013 007163-0 1.1**
(51) C23C 8/14 (2006.01), C21D 9/46 (2006.01), C22C 38/00 (2006.01), C22C 38/06 (2006.01), C22C 38/58 (2006.01)
(86) PCT JP2010/067612 de 30/09/2010
(87) WO 2012/042677 de 05/04/2012

(21) **BR 11 2013 007164-8 1.1**
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(51) A61M 5/24 (2006.01)
(86) PCT EP2011/066930 de 28/09/2011
(87) WO 2012/041932 de 05/04/2012

(21) **BR 11 2013 007168-0 1.1**
(30) 27/09/2010 US 61/386,793; 24/02/2011 US 61/446,229; 26/09/2011 US 13/245,542
(51) A61J 15/00 (2006.01)
(86) PCT IB2011/054251 de 27/09/2011
(87) WO 2012/042473 de 05/04/2012

(21) **BR 11 2013 007169-9 1.1**
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(51) A61J 15/00 (2006.01)
(86) PCT IB2011/054252 de 27/09/2011
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(21) **BR 11 2013 007170-2 1.1**
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(51) A61B 17/34 (2006.01), A61J 15/00 (2006.01)
(86) PCT IB2011/054253 de 27/09/2011
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(21) **BR 11 2013 007171-0 1.1**
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(51) A61B 17/34 (2006.01), A61J 15/00 (2006.01)
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(21) **BR 11 2013 007184-2 1.1**
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(51) C08F 10/00 (2006.01), C08F 2/44 (2006.01), C08K 3/00 (2006.01), C08K 5/00 (2006.01)
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(21) **BR 11 2013 007193-1 1.1**
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(51) A47K 7/00 (2006.01), A47K 10/16 (2006.01)
(86) PCT JP2011/071227 de 16/09/2011
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(21) **BR 11 2013 007198-2 1.1**
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(51) A61K 38/08 (2006.01), C07K 7/06 (2006.01)
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(21) **BR 11 2013 007210-5 1.1**
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(51) B65D 43/02 (2006.01), B65D 59/08 (2006.01), B65D 81/05 (2006.01), B65D 85/26 (2006.01), B65D 17/00 (2006.01), B65D 17/34 (2006.01)
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(21) **BR 11 2013 007213-0 1.1**
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(51) C08L 95/00 (2006.01), C04B 26/26 (2006.01), C08K 5/1539 (2006.01), C08K 5/3415 (2006.01), C08L 23/02 (2006.01), E01C 7/22 (2006.01)
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(21) **BR 11 2013 007215-6 1.1**
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(51) B01L 3/00 (2006.01), G01N 33/49 (2006.01)
(86) PCT FR2011/052310 de 04/10/2011
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(21) **BR 11 2013 007216-4 1.1**
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(51) A61F 2/30 (2006.01), A61F 2/44 (2006.01)
(86) PCT US2011/055670 de 11/10/2011
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(21) **BR 11 2013 007223-7 1.1**
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(51) C10G 1/00 (2006.01), C09K 3/00 (2006.01), C07D 207/06 (2006.01)
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(21) **BR 11 2013 007224-5 1.1**
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(51) H04B 3/54 (2006.01), B61L 15/00 (2006.01)
(86) PCT US2011/042476 de 30/06/2011
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(21) **BR 11 2013 007225-3 1.1**
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(51) B60L 15/32 (2006.01), B61L 27/00 (2006.01), B61L 15/00 (2006.01)
(86) PCT US2011/049034 de 25/08/2011
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(21) **BR 11 2013 007228-8 1.1**
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(51) C10G 1/00 (2006.01), C09K 3/00 (2006.01), C07D 207/06 (2006.01)
(86) PCT US2011/061579 de 21/11/2011
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(21) **BR 11 2013 007229-6 1.1**
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(51) B01J 31/02 (2006.01), B01J 31/18 (2006.01)
(86) PCT EP2011/066760 de 27/09/2011
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(21) **BR 11 2013 007230-0 1.1**
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(51) A23D 7/05 (2006.01), A23D 9/04 (2006.01), A23D 9/05 (2006.01)
(86) PCT EP2011/065601 de 09/09/2011
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(21) **BR 11 2013 007231-8 1.1**
(51) C02F 1/40 (2006.01)
(86) PCT IN2010/000648 de 28/09/2010
(87) WO 2012/042524 de 05/04/2012

(21) **BR 11 2013 007232-6 1.1**
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(51) B32B 5/26 (2006.01), B32B 17/02 (2006.01), B32B 17/10 (2006.01), B32B 27/12 (2006.01), B32B 27/34 (2006.01), C08J 5/04 (2006.01), C08J 5/10 (2006.01), C08J 5/18 (2006.01), B29C 70/50 (2006.01), B29C 70/68 (2006.01), C08L 77/00 (2006.01)
(86) PCT US2011/057979 de 27/10/2011
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(21) **BR 11 2013 007234-2 1.1**
(30) 29/09/2010 IN 2688/MUM/10; 19/11/2010 EP 10191813.4
(51) C11D 3/39 (2006.01), C11D 17/00 (2006.01), C11D 3/18 (2006.01), C11D 3/20 (2006.01), C11D 3/02 (2006.01), C11D 1/66 (2006.01), C11D 1/72 (2006.01), C11D 1/29 (2006.01)
(86) PCT EP2011/066578 de 23/09/2011
(87) WO 2012/041774 de 05/04/2012

(21) **BR 11 2013 007235-0 1.1**
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(51) D06M 11/17 (2006.01), D06M 11/20 (2006.01), D06M 11/155 (2006.01), D06M 11/56 (2006.01), D06M 11/57 (2006.01), D06M 11/65 (2006.01), C03C 17/10 (2006.01), D06M 13/513 (2006.01), C03C 17/30 (2006.01), C07F 7/18 (2006.01), C09D 183/08 (2006.01)
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(21) **BR 11 2013 007237-7 1.1**
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(51) C07K 16/06 (2006.01), C07K 16/28 (2006.01)
(86) PCT EP2011/069202 de 02/11/2011
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(21) **BR 11 2013 007238-5 1.1**
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(51) A61C 17/22 (2006.01), A46B 15/00 (2006.01)
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(21) **BR 11 2013 007239-3 1.1**
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(51) A23G 1/00 (2006.01), A23G 1/36 (2006.01), A23G 1/52 (2006.01)
(86) PCT EP2011/065095 de 01/09/2011
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(21) **BR 11 2013 007241-5 1.1**
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(51) G06T 19/00 (2011.01)
(86) PCT IB11/054189 de 23/09/2011
(87) WO 2012/042449 de 05/04/2012

(21) **BR 11 2013 007242-3 1.1**
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(51) G06F 19/00 (2011.01), G06F 17/30 (2006.01)
(86) PCT IB11/054173 de 22/09/2011
(87) WO 2012/042447 de 05/04/2012

(21) **BR 11 2013 007243-1 1.1**
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(51) A61C 17/02 (2006.01)
(86) PCT IB11/054088 de 19/09/2011
(87) WO 2012/042430 de 05/04/2012

(21) **BR 11 2013 007247-4 1.1**
(30) 28/09/2010 US 61/387,332
(51) C07K 19/00 (2006.01), C07K 14/435 (2006.01), A01K 67/04 (2006.01), C12N 15/12 (2006.01), C12N 15/63 (2006.01)
(86) PCT US11/053760 de 28/09/2011
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(21) **BR 11 2013 007249-0 1.1**
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(51) A01K 27/00 (2006.01), B65H 75/34 (2006.01)
(86) PCT US2011/053386 de 27/09/2011
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(21) **BR 11 2013 007251-2 1.1**
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(51) D06F 37/42 (2006.01), D06F 39/14 (2006.01), E05B 47/06 (2006.01), A47L 15/42 (2006.01), E05B 17/22 (2006.01)
(86) PCT IT11/000337 de 29/09/2011
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(21) **BR 11 2013 007252-0 1.1**
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(51) A01G 7/00 (2006.01), A01H 3/00 (2006.01)
(86) PCT ES2011/070667 de 26/09/2011
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(21) **BR 11 2013 007256-3 1.1**
(30) 28/09/2010 IT BO2010A000581
(51) A47J 31/06 (2006.01), A47J 31/36 (2006.01), B65D 85/804 (2006.01)
(86) PCT IB2011/054274 de 28/09/2011
(87) WO 2012/042487 de 05/04/2012

(21) **BR 11 2013 007257-1 1.1**
(51) A61F 2/44 (2006.01)
(86) PCT EP10/064914 de 06/10/2010
(87) WO 2012/045340 de 12/04/2012

(21) **BR 11 2013 007260-1 1.1**
(30) 30/09/2010 US 61/388,002; 17/11/2010 US 61/414,451; 06/02/2011 US 61/439,913; 27/02/2011 US 61/447,089; 28/02/2011 US 61/447,464; 24/03/2011 US 61,467,209
(51) G06Q 50/00 (2006.01), G06Q 30/00 (2006.01), G06T 7/40 (2006.01)
(86) PCT US11/054125 de 30/09/2011
(87) WO 2012/044883 de 05/04/2012

(21) **BR 11 2013 007263-6 1.1**
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(51) C12P 19/26 (2006.01)
(86) PCT IB11/002780 de 29/09/2011
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(21) **BR 11 2013 007265-2 1.1**
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(51) D21H 21/20 (2006.01)
(86) PCT US11/048943 de 24/08/2011
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(21) **BR 11 2013 007266-0 1.1**
(51) H04W 72/12 (2009.01)
(86) PCT US2010/051197 de 01/10/2010
(87) WO 2012/044329 de 05/04/2012

(21) **BR 11 2013 007267-9 1.1**
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(51) B65D 5/72 (2006.01), B65D 71/36 (2006.01), A47F 1/08 (2006.01)
(86) PCT US2011/051550 de 14/09/2011
(87) WO 2012/044461 de 05/04/2012

(21) **BR 11 2013 007269-5 1.1**
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(51) H04W 8/04 (2009.01), H04M 3/00 (2006.01), H04W 60/00 (2009.01)
(86) PCT JP2012/070421 de 10/08/2012
(87) WO 2013/024795 de 21/02/2013

(21) **BR 11 2013 007270-9 1.1**
(30) 27/09/2010 US 61/386,834; 19/07/2011 US 13/213,625
(51) H02M 7/06 (2006.01), G05F 3/16 (2006.01)
(86) PCT US11/048713 de 23/08/2011
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(21) **BR 11 2013 007272-5 1.1**
(30) 08/11/2010 US 61/411,066; 22/12/2010 US 61/425,996; 01/02/2011 US 13/018,431
(51) H04N 7/24 (2011.01)
(86) PCT CN11/081108 de 21/10/2011
(87) WO 2012/062161 de 18/05/2012

(21) **BR 11 2013 007273-3 1.1**
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(51) F25B 47/02 (2006.01), F24F 1/18 (2011.01), F28D 20/00 (2006.01)
(86) PCT JP11/001088 de 25/02/2011
(87) WO 2012/042687 de 05/04/2012

(21) **BR 11 2013 007276-8 1.1**
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(51) A61K 9/14 (2006.01), A61K 9/20 (2006.01), A61K 31/4196 (2006.01)
(86) PCT GB2011/001428 de 30/09/2011
(87) WO 2012/042224 de 05/04/2012

(21) **BR 11 2013 007279-2 1.1**
(51) A46B 3/22 (2006.01), A46B 9/04 (2006.01), A46B 9/06 (2006.01)
(86) PCT US10/050961 de 30/09/2010
(87) WO 2012/044312 de 05/04/2012

(21) **BR 11 2013 007280-6 1.1**
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(51) C07C 213/00 (2006.01), C07C 215/08 (2006.01), C07C 215/20 (2006.01), C07C 215/10 (2006.01)
(86) PCT US2011/052566 de 21/09/2011
(87) WO 2012/044508 de 05/04/2012

(21) **BR 11 2013 007281-4 1.1**
(30) 11/10/2010 US 61/391,742
(51) C07C 5/03 (2006.01), C07C 27/12 (2006.01), C07C 27/22 (2006.01), B01J 23/66 (2006.01), B01J 23/68 (2006.01), B01J 23/89 (2006.01)
(86) PCT US2011/053206 de 26/09/2011
(87) WO 2012/050807 de 19/04/2012

(21) **BR 11 2013 007282-2 1.1**
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(51) H04L 29/06 (2006.01), H04N 21/472 (2011.01), H04N 21/845 (2011.01), H04N 21/442 (2011.01), H04N 21/658 (2011.01), H04N 21/6587 (2011.01)
(86) PCT US11/049358 de 26/08/2011
(87) WO 2012/047403 de 12/04/2012

(21) **BR 11 2013 007286-5 1.1**
(30) 30/09/2010 US 61/388,439
(51) C08L 23/14 (2006.01), B32B 27/32 (2006.01), C08F 297/08 (2006.01), C08J 5/18 (2006.01)
(86) PCT US2011/053816 de 29/09/2011
(87) WO 2012/044730 de 05/04/2012

(21) **BR 11 2013 007288-1 1.1**
(51) C08F 210/16 (2006.01), D01F 6/28 (2006.01)
(86) PCT US2010/050751 de 29/09/2010
(87) WO 2012/044293 de 05/04/2012

(21) **BR 11 2013 007289-0 1.1**
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(51) C08L 23/06 (2006.01), C09D 123/06 (2006.01)
(86) PCT US2011/052921 de 23/09/2011
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(21) **BR 11 2013 007291-1 1.1**
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(51) B67D 1/00 (2006.01)
(86) PCT US11/052564 de 21/09/2011
(87) WO 2012/047521 de 12/04/2012

(21) **BR 11 2013 007292-0 1.1**
(30) 27/07/2011 JP 2011-164036; 01/02/2012 JP 2012-019940; 01/02/2012 JP 2012-019937
(51) G03G 15/08 (2006.01), G03G 21/18 (2006.01)
(86) PCT JP12/069783 de 27/07/2012
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(21) **BR 11 2013 007293-8 1.1**
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(51) C07K 16/24 (2006.01)
(86) PCT EP11/067070 de 30/09/2011
(87) WO 2012/045671 de 12/04/2012

(21) **BR 11 2013 007294-6 1.1**
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(51) G01R 23/10 (2006.01)
(86) PCT EP11/004820 de 27/09/2011
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(21) **BR 11 2013 007295-4 1.1**
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(51) A61K 8/37 (2006.01), A61Q 11/00 (2006.01)
(86) PCT US11/053810 de 29/09/2011
(87) WO 2012/044728 de 05/04/2012

(21) **BR 11 2013 007296-2 1.1**
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(51) A61F 13/56 (2006.01), A61F 13/62 (2006.01)
(86) PCT US11/055210 de 07/10/2011
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(21) **BR 11 2013 007297-0 1.1**
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(51) A61F 13/511 (2006.01)
(86) PCT US11/053609 de 28/09/2011
(87) WO 2012/044656 de 05/04/2012

(21) **BR 11 2013 007298-9 1.1**
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(51) C08L 7/00 (2006.01), C08J 3/20 (2006.01), C08K 3/04 (2006.01), C08K 3/36 (2006.01), C08K 5/00 (2006.01), C08K 5/548 (2006.01), C08L 9/00 (2006.01)
(86) PCT JP11/072792 de 03/10/2011
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(21) **BR 11 2013 007299-7 1.1**
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(51) C08L 47/00 (2006.01), B60C 1/00 (2006.01), C08K 3/04 (2006.01), C08L 21/00 (2006.01)
(86) PCT JP11/072661 de 30/09/2011
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(21) **BR 11 2013 007300-4 1.1**
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(51) H04W 24/10 (2009.01)
(86) PCT US11/054700 de 04/10/2011
(87) WO 2012/047842 de 12/04/2012

(21) **BR 11 2013 007301-2 1.1**
(30) 29/09/2010 US 61/387,542; 04/10/2010 US 61/389,495; 20/10/2010 US 61/405,194; 21/10/2010 US 61/405,283; 03/11/2010 US 61/409,645; 10/12/2010 US 61/422,098; 12/01/2011 US 61/432,115; 28/09/2011 US 61/247,047
(51) H04L 1/00 (2006.01), H04L 5/00 (2006.01), H04B 7/06 (2006.01), H04B 7/04 (2006.01)
(86) PCT US11/054084 de 29/09/2011
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(21) **BR 11 2013 007302-0 1.1**
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(51) H04N 7/26 (2006.01), H04N 7/50 (2006.01)
(86) PCT US11/054425 de 30/09/2011
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(21) **BR 11 2013 007303-9 1.1**
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(51) G06F 17/00 (2006.01)
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(21) **BR 11 2013 007304-7 1.1**
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(51) A61K 31/05 (2006.01), A61K 31/4745 (2006.01), A61K 31/5365 (2006.01), A61K 31/56 (2006.01), A61K 9/00 (2006.01)
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(51) C07K 16/28 (2006.01)
(86) PCT US11/053193 de 26/09/2011
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(21) **BR 11 2013 007327-6 1.1**
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(51) C07K 16/18 (2006.01)
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(21) **BR 11 2013 007364-0 1.1**
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(51) A61K 31/426 (2006.01), A61K 9/20 (2006.01), A61K 9/48 (2006.01), A61K 31/405 (2006.01), A61K 47/02 (2006.01), A61K 47/20 (2006.01), A61K 47/36 (2006.01), A61K 47/38 (2006.01)
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(21) **BR 11 2013 007365-9 1.1**
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(51) B05B 5/16 (2006.01), B05B 5/053 (2006.01), B05B 13/04 (2006.01), B05B 12/14 (2006.01)
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(51) C23C 22/00 (2006.01), B32B 15/04 (2006.01), C21D 8/12 (2006.01), C22C 38/00 (2006.01), C22C 38/04 (2006.01), C22C 38/60 (2006.01), H01F 1/16 (2006.01), H01F 1/18 (2006.01)
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(21) **BR 11 2013 007367-5 1.1**
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(51) H04W 36/30 (2009.01)
(86) PCT CN11/072019 de 21/03/2011
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(21) **BR 11 2013 007368-3 1.1**
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(51) A01K 29/00 (2006.01), A01K 1/00 (2006.01)
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(51) G02B 3/14 (2006.01), G02B 26/02 (2006.01)
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(21) **BR 11 2013 007370-5 1.1**
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(51) A61B 17/80 (2006.01), A61B 17/70 (2006.01)
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(21) **BR 11 2013 007371-3 1.1**
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(21) **BR 11 2013 007372-1 1.1**
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(51) G06F 13/00 (2006.01)
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(21) **BR 11 2013 007373-0 1.1**
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(51) A61K 9/107 (2006.01), A61K 38/13 (2006.01)

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(51) F25B 1/00 (2006.01), F24F 11/02 (2006.01), F25B 13/00 (2006.01)
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(21) **BR 11 2013 007376-4 1.1**
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(51) B29C 55/06 (2006.01), C08L 67/02 (2006.01), C08J 5/18 (2006.01)
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(21) **BR 11 2013 007381-0 1.1**
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(51) A01N 31/02 (2006.01), A01N 59/00 (2006.01), A61K 8/20 (2006.01), A61K 8/34 (2006.01), A61L 2/00 (2006.01), A61L 2/18 (2006.01), B05B 11/00 (2006.01), A01P 1/00 (2006.01), A01N 25/04 (2006.01)
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(51) C07K 14/575 (2006.01)
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(51) C07K 14/00 (2006.01), A61K 38/22 (2006.01)
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(21) **BR 11 2013 007397-7 1.1**
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(51) H04L 9/32 (2006.01), G06Q 20/00 (2006.01)
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(51) C12P 5/02 (2006.01)
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(51) B24D 11/00 (2006.01), B24D 3/02 (2006.01), B24D 18/00 (2006.01), B24B 37/04 (2006.01)
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(51) C01F 7/02 (2006.01), C01G 23/00 (2006.01), B01J 21/06 (2006.01), B01J 32/00 (2006.01)
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(21) **BR 11 2013 007491-4 1.1**
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(51) C22B 19/20 (2006.01), C22B 3/04 (2006.01), C22B 3/12 (2006.01)
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(51) H04W 24/10 (2009.01), H04W 16/18 (2009.01), H04W 84/10 (2009.01)
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(21) **BR 11 2013 007508-2 1.1**
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(51) C08F 210/02 (2006.01), C08F 2/38 (2006.01)
(86) PCT US2011/052509 de 21/09/2011
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(21) **BR 11 2013 007510-4 1.1**
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(51) C08F 10/02 (2006.01)
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(21) **BR 11 2013 007513-9 1.1**
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(51) H04W 68/00 (2009.01), H04W 48/06 (2009.01)
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(51) A61K 39/395 (2006.01)
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(21) **BR 11 2013 007515-5 1.1**
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(51) H02G 15/113 (2006.01)
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(21) **BR 11 2013 007516-3 1.1**
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(51) G01N 21/25 (2006.01), G01N 21/29 (2006.01), B01D 53/02 (2006.01), B01D 53/14 (2006.01)
(86) PCT US2011/049824 de 31/08/2011
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(21) **BR 11 2013 007517-1 1.1**
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(51) G01N 21/25 (2006.01), G01N 21/29 (2006.01), B01D 53/02 (2006.01), B01D 53/14 (2006.01)
(86) PCT US2011/049828 de 31/08/2011
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(21) **BR 11 2013 007519-8 1.1**
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(86) PCT CN2010/078655 de 11/11/2010
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(51) B32B 5/26 (2006.01), B32B 27/12 (2006.01), B32B 27/34 (2006.01), B32B 17/02 (2006.01), B32B 17/10 (2006.01), C08J 5/04 (2006.01), C08L 77/00 (2006.01), C08L 77/02 (2006.01), C08L 77/04 (2006.01), C08L 77/06 (2006.01), C08L 77/08 (2006.01), B29C 70/50 (2006.01), B29C 70/68 (2006.01)
(86) PCT US2011/057945 de 27/10/2011
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(51) C09K 8/582 (2006.01), C09K 8/58 (2006.01), C09K 8/035 (2006.01), C09K 8/03 (2006.01)
(86) PCT US2011/058729 de 01/11/2011
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(51) H04W 24/02 (2009.01)
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(21) **BR 11 2013 007537-6 1.1**
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(51) D21C 1/06 (2006.01)
(86) PCT US2011/061610 de 21/11/2011
(87) WO 2012/071308 de 31/05/2012

(21) **BR 11 2013 007538-4 1.1**
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(51) F24F 3/147 (2006.01), F28D 21/00 (2006.01)
(86) PCT EP2011/067272 de 04/10/2011
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(21) **BR 11 2013 007549-0 1.1**
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(51) A01G 9/24 (2006.01), A01G 25/00 (2006.01), A01G 27/00 (2006.01)
(86) PCT AU2011/001240 de 27/09/2011
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(21) **BR 11 2013 007554-6 1.1**
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(51) A23C 9/13 (2006.01)
(86) PCT JP2011/072011 de 27/09/2011
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(21) **BR 11 2013 007580-5 1.1**
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(51) H04W 74/08 (2009.01), H04B 7/26 (2006.01)
(86) PCT US2011/053758 de 28/09/2011
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(21) **BR 11 2013 007595-3 1.1**
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(51) H04M 1/725 (2006.01), G06F 1/16 (2006.01)
(86) PCT RU2011/000700 de 13/09/2011
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(51) A01N 43/54 (2006.01), A01N 43/58 (2006.01), A01N 43/60 (2006.01), C07D 487/04 (2006.01), A61K 31/4188 (2006.01), A01P 5/00 (2006.01)
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(21) **BR 11 2013 007606-2 1.1**
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(51) C07D 405/06 (2006.01), C07F 3/02 (2006.01), C07B 45/06 (2006.01)
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(21) **BR 11 2013 007610-0 1.1**
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(51) C07D 413/04 (2006.01), C07D 471/04 (2006.01), C07D 487/04 (2006.01), C07D 513/04 (2006.01), A01N 43/90 (2006.01), A01N 43/86 (2006.01)
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(51) G01N 21/66 (2006.01)
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(21) **BR 11 2013 007616-0 1.1**
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(51) C12P 19/26 (2006.01), C12P 21/00 (2006.01), A61K 38/43 (2006.01), C12N 9/10 (2006.01), C12N 15/81 (2006.01)
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(51) B65D 51/24 (2006.01), B65D 47/08 (2006.01), B65D 47/20 (2006.01)
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(21) **BR 11 2013 007622-4 1.1**
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(51) B01D 65/02 (2006.01), B01D 65/08 (2006.01), B01D 61/00 (2006.01)
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(51) E01B 11/52 (2006.01), E01B 29/44 (2006.01), B23K 23/00 (2006.01)
(86) PCT EP2011/067958 de 14/10/2011
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(51) F02D 41/38 (2006.01)
(86) PCT US2010/057589 de 22/11/2010
(87) WO 2012/044336 de 05/04/2012

(21) **BR 11 2013 007628-3 1.1**
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(51) A23D 7/005 (2006.01), A23L 1/01 (2006.01), A23L 1/0534 (2006.01)
(86) PCT EP2011/066652 de 26/09/2011
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(51) E21B 43/22 (2006.01), C09K 8/58 (2006.01)
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(21) **BR 11 2013 007632-1 1.1**
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(51) D21C 1/06 (2006.01)
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(21) **BR 11 2013 007634-8 1.1**
(30) 01/10/2010 GB 1016533.0; 06/06/2011 GB 1109418.2; 28/07/2011 GB 1113003.6
(51) A61F 13/15 (2006.01), B29C 65/08 (2006.01), D04H 1/555 (2012.01), D04H 1/559 (2012.01), D04H 1/544 (2012.01), B29C 65/02 (2006.01)
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(51) C07D 233/64 (2006.01), C07D 233/68 (2006.01), C07D 401/06 (2006.01), A01N 43/50 (2006.01)
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(51) C08F 10/10 (2006.01), C07C 7/12 (2006.01), C08F 2/00 (2006.01), C07C 11/09 (2006.01)
(86) PCT CA11/050616 de 30/09/2011
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(51) B05B 11/00 (2006.01), B05B 11/02 (2006.01)
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(51) A61K 9/20 (2006.01), A61K 9/28 (2006.01), A61K 38/43 (2006.01)
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(51) A61K 9/48 (2006.01), A61K 9/16 (2006.01), A61K 38/01 (2006.01), A61K 38/16 (2006.01), A61J 3/07 (2006.01), A61J 3/02 (2006.01), A61P 35/00 (2006.01)
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(51) C12N 9/42 (2006.01), D21C 5/00 (2006.01), C12N 15/82 (2006.01), C12N 5/10 (2006.01)
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(51) C07D 498/04 (2006.01), C07D 487/04 (2006.01), C07D 471/04 (2006.01), A61K 31/5365 (2006.01), A61K 31/4985 (2006.01), A61K 31/437 (2006.01), A61P 31/14 (2006.01)
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(51) C12N 9/42 (2006.01), C12N 15/82 (2006.01), D21C 5/00 (2006.01), C12N 5/10 (2006.01)
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(51) C07C 29/17 (2006.01), C07C 29/10 (2006.01), C07C 35/21 (2006.01), C07D 249/08 (2006.01)
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(51) A61B 10/00 (2006.01), A61M 1/00 (2006.01)
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(51) B01D 35/153 (2006.01), B01D 35/16 (2006.01)
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(51) H01F 38/30 (2006.01), H01R 4/36 (2006.01)
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(51) H04B 1/04 (2006.01), H02H 9/00 (2006.01), H04B 1/036 (2006.01)
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(51) C12C 7/06 (2006.01), C12C 13/00 (2006.01), C12C 13/02 (2006.01), F28D 1/06 (2006.01)
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(51) A47J 31/36 (2006.01)
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(51) G02B 6/00 (2006.01), F21V 8/00 (2006.01)
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(51) C12C 7/06 (2006.01), C12C 7/22 (2006.01), C12C 7/04 (2006.01), G05D 23/19 (2006.01)
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(51) B01F 15/06 (2006.01), C12C 7/06 (2006.01), C12C 13/02 (2006.01), C12C 13/08 (2006.01), C12M 1/06 (2006.01), F28D 1/06 (2006.01)
(86) PCT EP11/004946 de 04/10/2011
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(51) F01L 1/344 (2006.01), F15B 13/044 (2006.01), F16K 27/04 (2006.01)
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(51) A01N 43/58 (2006.01), A01N 43/50 (2006.01), A61K 31/50 (2006.01)
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(21) **BR 11 2013 008026-4 1.1**
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(51) A61K 38/00 (2006.01), A61K 38/02 (2006.01), A61K 38/10 (2006.01)
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(21) **BR 11 2013 008027-2 1.1**
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(51) B60R 21/235 (2006.01), B60R 21/23 (2006.01), B60R 21/262 (2011.01)
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(21) **BR 11 2013 008031-0 1.1**
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(51) C07K 7/06 (2006.01), C07K 7/08 (2006.01), A61K 38/08 (2006.01), A61K 38/10 (2006.01), A61P 19/08 (2006.01), A61P 19/10 (2006.01)
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(21) **BR 11 2013 008037-0 1.1**
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(51) A61K 38/00 (2006.01), A61K 38/02 (2006.01), A61K 38/10 (2006.01)
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(21) **BR 11 2013 008045-0 1.1**
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(51) C12N 1/15 (2006.01), C12P 23/00 (2006.01), C12R 1/77 (2006.01)
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(51) C04B 28/34 (2006.01)
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(21) **BR 11 2013 008152-0 1.1**
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(51) B60R 21/34 (2011.01)
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(51) A01M 7/00 (2006.01)
(86) PCT FR2011/052296 de 03/10/2011
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(21) **BR 11 2013 008169-4 1.1**
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(51) C08L 77/00 (2006.01), C08L 77/06 (2006.01), C08K 5/053 (2006.01), C08K 7/14 (2006.01), C08L 51/06 (2006.01), C08K 3/16 (2006.01)
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(21) **BR 11 2013 008170-8 1.1**
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(51) A01M 7/00 (2006.01)
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(51) H04W 36/00 (2009.01), H04L 29/06 (2006.01)
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(21) **BR 11 2013 008186-4 1.1**
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(51) A61K 31/44 (2006.01), A61K 9/08 (2006.01), A61P 27/02 (2006.01), A61P 31/04 (2006.01), A61P 31/00 (2006.01)
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(51) C10G 29/00 (2006.01)
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(51) C12N 1/18 (2006.01), C12R 1/865 (2006.01)
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(51) C07C 69/54 (2006.01), C07C 67/327 (2006.01), C07C 67/20 (2006.01)
(86) PCT US2011/054762 de 04/10/2011
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(51) C21D 1/34 (2006.01), C21D 1/673 (2006.01), B21D 22/00 (2006.01), B21D 37/00 (2006.01)
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(51) F04C 11/00 (2006.01), F04C 14/22 (2006.01), F04C 2/344 (2006.01), F16H 57/04 (2010.01), F16H 61/28 (2006.01)
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(51) A61F 13/49 (2006.01), A61F 13/511 (2006.01), A61F 13/514 (2006.01), A61F 13/53 (2006.01), A61F 13/62 (2006.01)
(86) PCT IB2011/054510 de 12/10/2011
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(51) C12N 5/0783 (2010.01), A61K 31/711 (2006.01), A61K 35/12 (2006.01), A61K 35/76 (2006.01), A61K 38/00 (2006.01), A61K 48/00 (2006.01), A61P 35/00 (2006.01), C07K 16/32 (2006.01), C12N 5/0784 (2010.01), C12N 5/0786 (2010.01), C12Q 1/02 (2006.01), C07K 14/82 (2006.01)
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(51) C09D 5/00 (2006.01), C09D 167/02 (2006.01), C09D 127/12 (2006.01)
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(51) A61K 31/365 (2006.01), A61P 3/10 (2006.01), A61P 25/28 (2006.01), A61P 35/00 (2006.01)
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(51) B29C 45/18 (2006.01), B29B 7/94 (2006.01), B67D 7/62 (2010.01)
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(51) C07K 16/18 (2006.01), G01N 33/68 (2006.01), A61K 39/00 (2006.01)
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(51) C12N 15/82 (2006.01)
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(51) C07K 16/18 (2006.01), C07K 16/46 (2006.01)
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(51) A01N 37/36 (2006.01), A01N 47/24 (2006.01), A01N 47/22 (2006.01), A01N 47/12 (2006.01), A01N 47/18 (2006.01), A01P 3/00 (2006.01)
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(51) H01B 1/24 (2006.01), C08F 2/44 (2006.01), H01B 3/00 (2006.01)
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(51) C10M 149/02 (2006.01), C10M 149/10 (2006.01)
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(21) **BR 11 2013 008881-8 1.1**
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(51) C07K 14/00 (2006.01), A61K 31/7088 (2006.01), A61K 48/00 (2006.01)
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(51) A01N 37/36 (2006.01), A01N 47/40 (2006.01), A01P 3/00 (2006.01)
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(51) A24D 3/02 (2006.01), A24D 3/08 (2006.01), A24C 5/47 (2006.01)
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(21) **BR 11 2013 008900-8 1.1**
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(51) B44F 1/12 (2006.01), A44C 21/00 (2006.01)
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(21) **BR 11 2013 008957-1 1.1**
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(51) C12N 15/74 (2006.01), C12N 15/70 (2006.01), C12N 1/21 (2006.01), C12N 15/12 (2006.01), A61K 35/74 (2006.01), A61K 48/00 (2006.01), A61P 3/10 (2006.01)
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(86) PCT IT2010/000418 de 14/10/2010
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(21) **BR 11 2013 009036-7 1.1**
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(51) C07D 401/14 (2006.01), C07D 405/14 (2006.01), C07D 413/14 (2006.01), C07D 417/14 (2006.01), A61K 31/551 (2006.01), A61P 29/00 (2006.01)
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(51) H04J 11/00 (2006.01), H04B 1/16 (2006.01), H04H 20/28 (2008.01), H04H 20/86 (2008.01), H04N 7/173 (2011.01)
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(51) C12N 15/82 (2006.01), C12N 15/62 (2006.01), C12N 5/10 (2006.01), A01H 5/00 (2006.01), A01H 5/10 (2006.01), C12N 15/54 (2006.01)
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(51) C12N 9/88 (2006.01), C12P 5/02 (2006.01)
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(21) **BR 11 2013 009083-9 1.1**
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(51) A61K 39/395 (2006.01), C12P 21/08 (2006.01)
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(51) G03G 15/00 (2006.01), F16D 1/10 (2006.01)
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(86) PCT FI2010/050797 de 14/10/2010
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(51) A23L 1/29 (2006.01), A23C 9/133 (2006.01), A23L 2/02 (2006.01)
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(21) **BR 11 2013 009153-3 1.1**
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(51) A61K 9/00 (2006.01), A61P 13/12 (2006.01)
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(51) E21B 43/14 (2006.01), E21B 43/30 (2006.01), E21B 43/38 (2006.01)
(86) PCT GB2011/051982 de 13/10/2011
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(21) **BR 11 2013 009157-6 1.1**
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(51) C12N 9/12 (2006.01), C12N 1/18 (2006.01), C12P 7/08 (2006.01), C07K 14/395 (2006.01)
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(21) **BR 11 2013 009159-2 1.1**
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(51) G06F 3/03 (2006.01), G06F 3/041 (2006.01), H04B 1/40 (2006.01), G06F 3/14 (2006.01)
(86) PCT KR2011/007628 de 13/10/2011
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(86) PCT CN2010/001614 de 15/10/2010
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(51) A01N 43/78 (2006.01), A61K 31/425 (2006.01), A01N 43/16 (2006.01), A61K 31/35 (2006.01), A61K 31/365 (2006.01)
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(51) C08L 59/00 (2006.01), B29C 47/00 (2006.01), B32B 1/00 (2006.01), C08G 18/00 (2006.01)
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(21) **BR 11 2013 009171-1 1.1**
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(51) C08G 18/56 (2006.01), C08G 18/76 (2006.01), C08K 7/14 (2006.01), C08J 5/04 (2006.01)
(86) PCT EP2011/067992 de 14/10/2011
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(21) **BR 11 2013 009173-8 1.1**
(30) 14/10/2010 EP 10187623.3
(51) C08L 59/02 (2006.01), C08L 59/04 (2006.01), C08K 5/101 (2006.01), C08K 5/11 (2006.01), C08K 5/12 (2006.01), C08K 5/435 (2006.01)
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(87) WO 2012/049287 de 19/04/2012

(21) **BR 11 2013 009175-4 1.1**
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(51) C07D 265/18 (2006.01)
(86) PCT EP2011/005163 de 14/10/2011
(87) WO 2012/048886 de 19/04/2012

(21) **BR 11 2013 009176-2 1.1**
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(51) C07C 213/00 (2006.01), C07B 53/00 (2006.01)
(86) PCT EP2011/005164 de 14/10/2011
(87) WO 2012/048887 de 19/04/2012

(21) **BR 11 2013 009178-9 1.1**
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(51) C07D 265/18 (2006.01)
(86) PCT EP2011/005161 de 14/10/2011
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(21) **BR 11 2013 009180-0 1.1**
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(51) C12N 15/115 (2010.01), A61K 31/7088 (2006.01)
(86) PCT US2011/056422 de 14/10/2011
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(21) **BR 11 2013 009186-0 1.1**
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(51) C12N 15/82 (2006.01), A01H 5/00 (2006.01), C07H 21/02 (2006.01)
(86) PCT US2011/057813 de 26/10/2011
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(21) **BR 11 2013 009338-2 1.1**
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(51) B01J 19/00 (2006.01), B23K 1/00 (2006.01)
(86) PCT US11/056789 de 18/10/2011
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(21) **BR 11 2013 009359-5 1.1**
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(51) C07C 51/493 (2006.01), C07C 67/48 (2006.01), B01J 19/18 (2006.01), C07B 63/00 (2006.01)
(86) PCT US2011/060451 de 11/11/2011
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(21) **BR 11 2013 009372-2 1.1**
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(51) C08F 10/06 (2006.01), C08J 5/18 (2006.01), C08F 4/654 (2006.01), C08F 4/651 (2006.01)
(86) PCT EP2011/068084 de 17/10/2011
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(21) **BR 11 2013 009373-0 1.1**
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(51) C10M 169/00 (2006.01), B23Q 11/12 (2006.01), C10M 101/02 (2006.01), C10M 103/02 (2006.01), C10M 103/06 (2006.01), C10M 105/70 (2006.01), C10M 113/02 (2006.01), C10M 119/22 (2006.01), C10M 125/10 (2006.01), C10M 133/18 (2006.01), C10M 133/40 (2006.01), C10M 171/02 (2006.01), F16C 33/66 (2006.01), C10N 10/02 (2006.01), C10N 10/12 (2006.01), C10N 20/00 (2006.01), C10N 20/02 (2006.01), C10N 50/10 (2006.01)
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(21) **BR 11 2013 009374-9 1.1**
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(51) F01N 3/28 (2006.01), B01D 53/94 (2006.01)
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(21) **BR 11 2013 009375-7 1.1**
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(51) C09K 8/467 (2006.01), C09K 8/487 (2006.01), C04B 24/38 (2006.01), C04B 28/02 (2006.01)
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(21) **BR 11 2013 009378-1 1.1**
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(51) F21K 99/00 (2010.01), F21V 19/00 (2006.01), F21V 31/00 (2006.01), F21V 27/02 (2006.01), F21Y 101/02 (2006.01)
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(21) **BR 11 2013 009391-9 1.1**
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(87) WO 2012/052045 de 26/04/2012

(21) **BR 11 2013 009401-0 1.1**
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(51) A01M 1/04 (2006.01), A01M 1/14 (2006.01), A01M 1/12 (2006.01)
(86) PCT US2011/056555 de 17/10/2011
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(21) **BR 11 2013 009403-6 1.1**
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(51) B60T 8/42 (2006.01)
(86) PCT US2011/056484 de 14/10/2011
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(21) **BR 11 2013 009412-5 1.1**
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(51) G01N 33/543 (2006.01), G01N 33/548 (2006.01), C08B 37/00 (2006.01)
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(51) H04W 8/18 (2009.01), H04W 4/14 (2009.01), G09F 19/00 (2006.01)
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(51) G06F 3/033 (2013.01), G09G 5/08 (2006.01)
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(51) G06F 21/00 (2013.01)
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(51) H02K 7/065 (2006.01)
(86) PCT US11/057318 de 21/10/2011
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(51) A61F 13/15 (2006.01), B65B 9/04 (2006.01), A61F 13/532 (2006.01)
(86) PCT EP11/005286 de 20/10/2011
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(21) **BR 11 2013 009526-1 1.1**
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(51) C12N 15/09 (2006.01), A61K 38/00 (2006.01), A61K 39/00 (2006.01), A61P 35/00 (2006.01), C07K 7/06 (2006.01), C07K 14/47 (2006.01)
(86) PCT JP11/005866 de 20/10/2011
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(21) **BR 11 2013 009567-9 1.1**
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(51) C07C 1/207 (2006.01), C12P 7/40 (2006.01), B01J 23/34 (2006.01), B01J 23/755 (2006.01)
(86) PCT KR2011/007748 de 18/10/2011
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(21) **BR 11 2013 009568-7 1.1**
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(51) B65D 33/34 (2006.01), B31B 37/00 (2006.01)
(86) PCT GB2011/001507 de 20/10/2011
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(21) **BR 11 2013 009569-5 1.1**
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(51) C12Q 1/04 (2006.01), G01N 33/543 (2006.01)
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(21) **BR 11 2013 009577-6 1.1**
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(51) A61K 9/06 (2006.01), A61K 47/32 (2006.01), A61K 9/00 (2006.01), A61K 31/498 (2006.01), A61K 47/10 (2006.01)
(86) PCT EP2011/068261 de 19/10/2011
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(21) **BR 11 2013 009578-4 1.1**
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(51) A61K 9/06 (2006.01), A61K 47/32 (2006.01), A61K 9/00 (2006.01), A61K 31/498 (2006.01)
(86) PCT EP2011/068263 de 19/10/2011
(87) WO 2012/052479 de 26/04/2012

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(51) C07D 231/16 (2006.01), C07D 401/12 (2006.01), A01N 43/56 (2006.01)
(86) PCT EP11/068288 de 20/10/2011
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(21) **BR 11 2013 009581-4 1.1**
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(51) H04L 29/06 (2006.01)
(86) PCT EP2011/068185 de 18/10/2011
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(21) **BR 11 2013 009583-0 1.1**
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(51) C07K 14/195 (2006.01), C12Q 1/68 (2006.01)
(86) PCT US11/057102 de 20/10/2011
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(21) **BR 11 2013 009588-1 1.1**
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(51) C07K 19/00 (2006.01), C07K 14/705 (2006.01), G01N 33/569 (2006.01), C07K 16/12 (2006.01)
(86) PCT US11/056854 de 19/10/2011
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(21) **BR 11 2013 009596-2 1.1**
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(51) H04N 7/26 (2006.01)
(86) PCT EP2011/067840 de 12/10/2011
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(21) **BR 11 2013 009597-0 1.1**
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(51) C08G 18/28 (2006.01), C08G 18/10 (2006.01), C08G 18/22 (2006.01)
(86) PCT EP11/068330 de 20/10/2011
(87) WO 2012/052508 de 26/04/2012

(21) **BR 11 2013 009599-7 1.1**
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(51) C10L 3/10 (2006.01), C10G 31/06 (2006.01), C07C 7/09 (2006.01), C07C 9/06 (2006.01), F25J 1/00 (2006.01)
(86) PCT US11/057106 de 20/10/2011
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(21) **BR 11 2013 009600-4 1.1**
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(51) C08G 18/28 (2006.01), C08G 18/10 (2006.01)
(86) PCT EP11/068072 de 17/10/2011
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(21) **BR 11 2013 009602-0 1.1**
(30) 22/10/2010 US 61/405,688
(51) F21S 8/02 (2006.01), F21S 8/04 (2006.01), F21V 23/04 (2006.01)
(86) PCT IB11/054494 de 12/10/2011
(87) WO 2012/052879 de 26/04/2012

(21) **BR 11 2013 009604-7 1.1**
(30) 25/10/2010 CH 1757/10
(51) B31D 5/00 (2006.01)
(86) PCT CH11/000253 de 21/10/2011
(87) WO 2012/055053 de 03/05/2012

(21) **BR 11 2013 009611-0 1.1**
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(51) H02G 3/08 (2006.01), H01R 13/627 (2006.01)
(86) PCT DE2011/075138 de 20/06/2011
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(21) **BR 11 2013 009616-0 1.1**
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(51) G06F 17/30 (2006.01), G06F 3/14 (2006.01), G06F 9/44 (2006.01)
(86) PCT US2011/057074 de 20/10/2011
(87) WO 2012/054712 de 26/04/2012

(21) **BR 11 2013 009626-8 1.1**
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(86) PCT US2010/053692 de 22/10/2010
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(21) **BR 11 2013 009766-3 1.1**
(51) F01P 7/16 (2006.01)
(86) PCT TR10/000211 de 22/10/2010
(87) WO 2012/053995 de 26/04/2012

(21) **BR 11 2013 009817-1 1.1**
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(51) C12P 7/10 (2006.01), C12P 19/14 (2006.01)
(86) PCT US2011/057863 de 26/10/2011
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(21) **BR 11 2013 009932-1 1.1**
(30) 25/10/2010 US 61/406,186
(51) C07K 14/605 (2006.01), A61P 3/00 (2006.01)
(86) PCT EP2011/068385 de 21/10/2011
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(21) **BR 11 2013 010008-7 1.1**
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(51) C12P 1/02 (2006.01)
(86) PCT US2011/058995 de 02/11/2011
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(21) **BR 11 2013 010051-6 1.1**
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(51) C12N 15/82 (2006.01), A01H 5/00 (2006.01)
(86) PCT IB11/054763 de 25/10/2011
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(21) **BR 11 2013 010127-0 1.1**
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(51) C07K 14/55 (2006.01), A61K 38/20 (2006.01)
(86) PCT CU2011/000007 de 10/11/2011
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(21) **BR 11 2013 010129-6 1.1**
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(51) C12N 9/24 (2006.01), C12N 9/42 (2006.01)
(86) PCT US2011/061482 de 18/11/2011
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(21) **BR 11 2013 010213-6 1.1**
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(51) C07K 16/28 (2006.01)
(86) PCT IB11/054775 de 26/10/2011
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(21) **BR 11 2013 010238-1 1.1**
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(51) C12N 15/82 (2006.01), A01H 5/10 (2006.01), C12Q 1/68 (2006.01)
(86) PCT US11/058273 de 28/10/2011
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(21) **BR 11 2013 010551-8 1.1**
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(51) C12N 9/88 (2006.01), C12N 15/52 (2006.01)
(86) PCT US2011/058188 de 27/10/2011
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(21) **BR 11 2013 010686-7 1.1**
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(51) C09K 8/582 (2006.01), C09K 8/58 (2006.01), C09K 8/035 (2006.01)
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(87) WO 2012/061380 de 10/05/2012

(21) **BR 11 2013 010718-9 1.1**
(30) 01/11/2010 DK PA 2010 00988; 01/11/2010 US 61/408,782; 05/09/2011 DK PA 2011 00672; 06/09/2011 US 61/531,407
(51) C07K 16/28 (2006.01), C07K 16/32 (2006.01), A61K 39/395 (2006.01), A61P 35/00 (2006.01)
(86) PCT IB2011/054834 de 31/10/2011
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(21) **BR 11 2013 010834-7 1.1**
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(51) C12N 9/64 (2006.01)
(86) PCT US11/059233 de 03/11/2011
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(21) **BR 11 2013 010844-4 1.1**
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(51) C12N 9/36 (2006.01), C12N 9/52 (2006.01), A61K 38/46 (2006.01)
(86) PCT EP11/069336 de 03/11/2011
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(21) **BR 11 2013 010856-8 1.1**
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(51) C12Q 1/04 (2006.01), C12Q 1/68 (2006.01), C12N 15/11 (2006.01)
(86) PCT US11/058255 de 28/10/2011
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(21) **BR 11 2013 010859-2 1.1**
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(51) E21B 33/03 (2006.01)
(86) PCT US11/043293 de 08/07/2011
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(51) B29C 35/02 (2006.01), B29L 31/14 (2006.01), B01D 29/00 (2006.01), H05B 6/10 (2006.01), B29C 33/06 (2006.01), B29C 43/00 (2006.01)
(86) PCT US11/058922 de 02/11/2011
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(21) **BR 11 2013 010865-7 1.1**
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(51) C08F 8/14 (2006.01), C04B 24/26 (2006.01), C04B 40/00 (2006.01), C04B 28/00 (2006.01)
(86) PCT EP11/072057 de 07/12/2011
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(21) **BR 11 2013 010870-3 1.1**
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(51) A01H 5/00 (2006.01), C12N 15/82 (2006.01), C07K 14/415 (2006.01)
(86) PCT EP11/069367 de 03/11/2011
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(21) **BR 11 2013 010885-1 1.1**
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(51) C08F 2/50 (2006.01)
(86) PCT DK2011/050432 de 11/11/2011
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(21) **BR 11 2013 010886-0 1.1**
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(51) B01J 8/18 (2006.01), C07C 1/00 (2006.01)
(86) PCT US11/059386 de 04/11/2011
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(21) **BR 11 2013 010894-0 1.1**
(51) G01R 31/02 (2006.01), G01R 31/08 (2006.01), H02H 3/16 (2006.01), H02H 3/38 (2006.01)
(86) PCT EP2010/066919 de 05/11/2010
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(21) **BR 11 2013 010895-9 1.1**
(30) 05/11/2010 EP 10 190267.4; 16/11/2010 EP 10 191396.0
(51) A61K 31/4439 (2006.01), A61K 31/551 (2006.01), A61P 25/28 (2006.01)
(86) PCT EP2011/069178 de 01/11/2011
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(86) PCT EP2010/067309 de 11/11/2010
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(21) **BR 11 2013 010976-9 1.1**
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(51) A01N 25/10 (2006.01), A01N 25/34 (2006.01), A01N 45/00 (2006.01), A23L 3/3427 (2006.01), A61K 31/575 (2006.01), B65D 81/26 (2006.01), A01P 1/00 (2006.01), B65B 55/00 (2006.01), B65B 61/00 (2006.01), A23L 3/34 (2006.01), B65D 81/28 (2006.01), A61L 15/16 (2006.01)

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(51) B23Q 1/03 (2006.01), B23Q 1/76 (2006.01), B64F 5/00 (2006.01)
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(51) C12N 15/82 (2006.01), C12N 15/29 (2006.01), A01H 5/06 (2006.01), A01H 5/10 (2006.01), C12P 7/02 (2006.01), C07H 3/02 (2006.01), C11B 1/00 (2006.01)
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(51) H05K 7/20 (2006.01)
(86) PCT US2010/032972 de 24/09/2010
(87) WO 2010/132211 de 18/11/2010

(21) **PI 1012305-9** **1.1**
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(51) C07C 45/45 (2006.01), C07C 45/65 (2006.01), C07C 45/00 (2006.01), C07C 49/255 (2006.01), C07C 49/00 (2006.01)
(86) PCT EP2010/001267 de 03/03/2010
(87) WO 2010/099922 de 10/09/2010

(21) **PI 1012694-5** **1.1**
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(51) C07K 16/00 (2006.01), C07K 16/10 (2006.01), C07K 16/12 (2006.01), C07K 16/28 (2006.01)
(86) PCT GB2010/000500 de 22/03/2010
(87) WO 2010/109165 de 30/09/2010

(21) **PI 1013095-0** **1.1**
(30) 15/06/2009 US 61/187,107; 15/06/2010 US 61/314,140
(51) C12Q 1/04 (2006.01), G01N 33/84 (2006.01)
(86) PCT US2010/038569 de 15/09/2010
(87) WO 2010/147918 de 23/12/2010

(21) **PI 1014644-0** **1.1**
(30) 30/04/2009 EP 09159158.6
(51) B32B 7/12 (2006.01), B32B 9/02 (2006.01), B32B 9/04 (2006.01), B32B 3/14 (2006.01), B32B 3/18 (2006.01), C09J 175/04 (2006.01), C08G 18/10 (2006.01)
(86) PCT EP2010/055584 de 27/10/2010
(87) WO 2010/125038 de 04/11/2010

(21) **PI 1014887-6** **1.1**
(30) 23/04/2009 GB 09 06971.7; 23/04/2009 GB PCT/GB2009/050415

(51) A61K 31/335 (2006.01), A61K 9/12 (2006.01)
(86) PCT GB2010/050672 de 24/03/2010
(87) WO 2010/122356 de 28/10/2010

(21) **PI 1015214-8** **1.1**
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(51) E02D 5/24 (2006.01), H01L 31/042 (2006.01), E02D 5/22 (2006.01)
(86) PCT US2010/030148 de 07/10/2010
(87) WO 2010/118071 de 14/10/2010

(21) **PI 1015376-4** **1.1**
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(51) C07D 233/60 (2006.01)
(86) PCT US2010/032723 de 27/04/2010
(87) WO 2010/126978 de 04/11/2010

(21) **PI 1015468-0** **1.1**
(30) 18/05/2009 MY PI20092024
(51) A61K 36/889 (2006.01), A61P 9/00 (2006.01), A61P 9/10 (2006.01)
(86) PCT MY2010/000081 de 19/05/2010
(87) WO 2010/134799 de 25/11/2010

(21) **PI 1015579-1** **1.1**
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(51) A61M 15/00 (2006.01)
(86) PCT SE2010/050749 de 03/06/2010
(87) WO 2011/002406 de 06/01/2011

(21) **PI 1016123-6** **1.1**
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(51) H04B 7/26 (2006.01), H04J 11/00 (2006.01)
(86) PCT KR2010/002659 de 27/04/2010
(87) WO 2010/126294 de 04/11/2010

(21) **PI 1016124-4** **1.1**
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(51) H04W 36/08 (2009.01), H04W 16/26 (2009.01)
(86) PCT JP2010/057085 de 21/04/2010
(87) WO 2010/125956 de 04/11/2010

(21) **PI 1016125-2** **1.1**
(30) 29/04/2009 NL 1036914
(51) F27D 1/14 (2006.01)
(86) PCT NL2010/050232 de 26/04/2010
(87) WO 2010/126360 de 04/11/2010

(21) **PI 1016126-0** **1.1**
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(51) A45D 26/00 (2006.01)
(86) PCT IB2010/051866 de 28/04/2010
(87) WO 2010/125532 de 04/11/2010

(21) **PI 1016127-9** **1.1**
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(51) D21H 21/16 (2006.01)
(86) PCT FI2010/050288 de 09/04/2010
(87) WO 2010/116044 de 14/10/2010

(21) **PI 1016129-5** **1.1**
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(51) C08J 3/07 (2006.01), C08J 5/18 (2006.01), C08K 9/00 (2006.01), C08J 3/20 (2006.01), A45C 11/00 (2006.01)
(86) PCT US10/028102 de 22/03/2010
(87) WO 2010/120435 de 21/10/2010

(21) **PI 1016130-9** **1.1**
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(51) C07D 211/96 (2006.01), A61K 31/445 (2006.01), A61P 9/06 (2006.01), A61P 9/10 (2006.01), A61P 9/12 (2006.01), A61P 25/00 (2006.01), A61P 25/06 (2006.01), A61P 25/08 (2006.01), A61P 25/18 (2006.01), A61P 25/22 (2006.01), A61P 25/24 (2006.01), A61P 25/28 (2006.01), A61P 43/00 (2006.01), C07D 211/70 (2006.01)
(86) PCT JP10/056404 de 02/04/2010
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(21) **PI 1016131-7** **1.1**
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(51) E21B 21/10 (2006.01), F16L 37/113 (2006.01), F16L 37/44 (2006.01)
(86) PCT GB10/050571 de 31/03/2010
(87) WO 2010/112933 de 07/10/2010

(21) **PI 1016132-5** **1.1**
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(51) A61K 9/16 (2006.01), A61K 31/00 (2006.01), A61K 9/48 (2006.01)
(86) PCT PT10/000015 de 31/03/2010
(87) WO 2010/114405 de 07/10/2010

(21) **PI 1016133-3** **1.1**
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(51) A61K 39/38 (2006.01)
(86) PCT US10/029694 de 01/04/2010
(87) WO 2010/115046 de 07/10/2010

(21) **PI 1016134-1** **1.1**
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(51) C09K 8/42 (2006.01), C04B 28/22 (2006.01), E21B 33/13 (2006.01)
(86) PCT EP2010/001897 de 25/03/2010
(87) WO 2010/115523 de 14/10/2010

(21) **PI 1016137-6** **1.1**
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(51) G07D 11/00 (2006.01), G07F 19/00 (2006.01)
(86) PCT IN2010/000232 de 09/04/2010
(87) WO 2010/119451 de 21/10/2010

(21) **PI 1016138-4** **1.1**
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(51) C01G 23/00 (2006.01), C01G 25/00 (2006.01), C01G 27/00 (2006.01), H01L 21/28 (2006.01), H01L 29/51 (2006.01)
(86) PCT GB2010/050599 de 07/04/2010
(87) WO 2010/116184 de 14/10/2010

(21) **PI 1016139-2** **1.1**
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(51) B44C 1/22 (2006.01), H04N 1/387 (2006.01)
(86) PCT US2010/032506 de 27/04/2010
(87) WO 2010/126864 de 04/11/2010

(21) **PI 1016140-6** **1.1**
(30) 09/04/2009 GB 0906173.0; 18/06/2009 GB 0910539.6
(51) F24J 2/10 (2006.01), F24J 2/34 (2006.01), F24J 2/51 (2006.01)
(86) PCT GB2010/050536 de 30/03/2010
(87) WO 2010/116162 de 14/10/2010

(21) **PI 1016141-4** **1.1**
(30) 27/04/2009 JP 2009-108562; 15/02/2010 JP 2010-030749
(51) H04B 1/04 (2006.01), H04J 1/00 (2006.01), H04J 11/00 (2006.01), H04W 52/38 (2009.01), H04W 72/12 (2009.01)
(86) PCT JP2010/057171 de 22/04/2010
(87) WO 2010/125969 de 04/11/2010

(21) **PI 1016142-2** **1.1**
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(51) H04W 16/26 (2009.01), H04W 36/06 (2009.01), H04W 92/16 (2009.01)
(86) PCT JP2010/057086 de 21/04/2010
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(21) **PI 1016143-0** **1.1**
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(51) A61M 5/315 (2006.01)
(86) PCT EP2010/055140 de 20/04/2010
(87) WO 2010/124961 de 04/11/2010

(21) **PI 1016144-9** **1.1**
(30) 08/05/2009 JP P2009-113868
(51) H04W 28/06 (2009.01), H04B 7/04 (2006.01), H04J 99/00 (2009.01)
(86) PCT JP2010/056919 de 19/04/2010
(87) WO 2010/128621 de 11/11/2010

(21) **PI 1016145-7** **1.1**
(30) 06/05/2009 GB 0907755.3
(51) B29C 55/06 (2006.01), B29C 55/18 (2006.01)
(86) PCT EP2010/056220 de 06/05/2010
(87) WO 2010/128124 de 11/11/2010

(21) **PI 1016146-5** **1.1**
(30) 08/05/2009 JP 2009113869
(51) H04J 99/00 (2009.01), H04B 7/04 (2006.01), H04W 16/28 (2009.01)
(86) PCT JP10/056920 de 19/04/2010
(87) WO 2010/128622 de 11/11/2010

(21) **PI 1016147-3** **1.1**
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(51) A61F 6/14 (2006.01), A61K 9/00 (2006.01)
(86) PCT EP10/055948 de 03/05/2010
(87) WO 2010/128004 de 11/11/2010

(21) **PI 1016148-1** **1.1**
(30) 24/06/2009 EP 09008251.2
(51) C07D 213/10 (2006.01)
(86) PCT EP2010/003773 de 23/06/2010
(87) WO 2010/149352 de 29/12/2010

(21) **PI 1016149-0** **1.1**
(30) 04/05/2009 US 12/435347
(51) A61K 31/50 (2006.01), A61K 31/415 (2006.01), A61K 31/38 (2006.01)
(86) PCT US10/001305 de 03/05/2010
(87) WO 2010/129036 de 11/11/2010

(21) **PI 1016150-3** **1.1**
(30) 25/06/2009 US 61/220.488
(51) C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 471/04 (2006.01), C07D 487/04 (2006.01), A61K 31/4375 (2006.01), A61K 31/444 (2006.01), A61P 19/02 (2006.01)
(86) PCT US2010/039942 de 25/06/2010
(87) WO 2010/151740 de 29/12/2010

(21) **PI 1016151-1** **1.1**
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(51) C07K 1/06 (2006.01), C07K 7/06 (2006.01), C07K 14/00 (2006.01), C12P 21/02 (2006.01)
(86) PCT JP2010/060443 de 21/06/2010
(87) WO 2010/150730 de 29/12/2010

(21) **PI 1016152-0** **1.1**
(30) 26/06/2009 DE 10 2009 031 236.6
(51) B22D 11/06 (2006.01), B22D 11/106 (2006.01), B22D 11/117 (2006.01), B22D 27/00 (2006.01), B22D 41/60 (2006.01)
(86) PCT DE2010/000551 de 07/05/2010
(87) WO 2010/149125 de 29/12/2010

(21) **PI 1016153-8** **1.1**
(30) 17/04/2009 EP 09158132.2
(51) A23L 1/00 (2006.01), A23L 1/16 (2006.01), A23L 1/39 (2006.01), A23L 1/162 (2006.01)
(86) PCT EP2010/054562 de 07/04/2010
(87) WO 2010/118974 de 21/10/2010

(21) **PI 1016154-6** **1.1**
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(51) H02H 3/07 (2006.01), H02H 3/093 (2006.01)
(86) PCT US2010/033348 de 03/05/2010
(87) WO 2010/151372 de 29/12/2010

(21) **PI 1016155-4** **1.1**
(30) 30/06/2009 JP 2009-156063; 05/11/2009 JP 2009-254431
(51) C08G 18/42 (2006.01), C08K 5/00 (2006.01), C08L 75/00 (2006.01), C08L 101/16 (2006.01)
(86) PCT JP2010/061116 de 30/06/2010
(87) WO 2011/002004 de 06/01/2011

(21) **PI 1016156-2** **1.1**
(30) 22/04/2009 US 61/171,592
(51) A01N 57/20 (2006.01), A01N 39/04 (2006.01)
(86) PCT US2010/031715 de 20/04/2010
(87) WO 2010/123871 de 28/10/2010

(21) **PI 1016157-0** **1.1**
(30) 21/04/2009 DE 102009002535.9
(51) B23B 27/16 (2006.01), F16B 33/06 (2006.01), C23C 18/32 (2006.01), C10M 103/06 (2006.01)
(86) PCT EP2010/055197 de 20/04/2010
(87) WO 2010/122022 de 28/10/2010

(21) **PI 1016158-9** **1.1**
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(51) G04G 21/00 (2010.01), A63B 69/00 (2006.01)
(86) PCT US10/032381 de 26/04/2010
(87) WO 2010/129221 de 11/11/2010

(21) **PI 1016159-7** **1.1**
(30) 26/04/2009 US 61/172,769
(51) A63B 69/00 (2006.01), G04G 21/00 (2010.01)
(86) PCT US2010/032391 de 26/04/2010
(87) WO 2010/126821 de 04/11/2010

(21) **PI 1016160-0** **1.1**
(30) 25/04/2009 EP 09005791.0
(51) B65D 30/24 (2006.01), B65B 9/13 (2006.01), B65D 75/46 (2006.01), B65D 75/48 (2006.01)
(86) PCT EP2010/053861 de 25/03/2010
(87) WO 2010/121879 de 28/10/2010

(21) **PI 1016161-9** **1.1**
(30) 06/03/2009 US 12/399,672; 05/03/2010 US 12/718,053
(51) F16K 3/02 (2006.01)
(86) PCT US2010/026310 de 05/03/2010
(87) WO 2010/102173 de 10/09/2010

(21) **PI 1016162-7** **1.1**
(30) 06/03/2009 DE 10 2009 012 094.7

(51) F01N 3/20 (2006.01), F01N 9/00 (2006.01)
(86) PCT EP2010/052462 de 26/02/2010
(87) WO 2010/100084 de 10/09/2010

(21) **PI 1016164-3** **1.1**
(30) 18/05/2009 EP 09305450.0
(51) G06F 9/46 (2006.01), H04L 12/58 (2006.01)
(86) PCT EP2010/056013 de 04/05/2010
(87) WO 2010/133446 de 25/11/2010

(21) **PI 1016165-1** **1.1**
(30) 25/04/2009 EP 09005792.8
(51) B65B 3/00 (2006.01), B65B 3/10 (2006.01), B65B 43/12 (2006.01), B65B 43/26 (2006.01), B67D 1/00 (2006.01), A47J 31/40 (2006.01), G07F 13/10 (2006.01)
(86) PCT EP2010/053862 de 25/03/2010
(87) WO 2010/121880 de 28/10/2010

(21) **PI 1016166-0** **1.1**
(30) 05/05/2009 EP 09159416.8
(51) B62D 27/02 (2006.01)
(86) PCT EP2010/056068 de 05/05/2010
(87) WO 2010/128064 de 11/11/2010

(21) **PI 1016168-6** **1.1**
(30) 27/04/2009 US 61/173,195
(51) H04B 1/38 (2006.01)
(86) PCT US2010/001247 de 27/04/2010
(87) WO 2010/129022 de 11/11/2010

(21) **PI 1016171-6** **1.1**
(30) 22/04/2009 BE BE2009/0252
(51) E04F 15/02 (2006.01)
(86) PCT IB2010/051770 de 22/04/2010
(87) WO 2010/122514 de 28/10/2010

(21) **PI 1016172-4** **1.1**
(30) 24/04/2009 EP 09158676.8
(51) C07D 403/14 (2006.01), A61K 31/4178 (2006.01), A61P 31/14 (2006.01)
(86) PCT EP2010/055482 de 23/04/2010
(87) WO 2010/122162 de 28/10/2010

(21) **PI 1016174-0** **1.1**
(30) 22/04/2009 EP 09158493.8
(51) C07D 513/04 (2006.01), A61K 31/4439 (2006.01), A61P 35/00 (2006.01)
(86) PCT EP2010/055295 de 21/04/2010
(87) WO 2010/122071 de 28/10/2010

(21) **PI 1016175-9** **1.1**
(30) 21/04/2009 GB 0906784.4
(51) A47J 43/04 (2006.01)
(86) PCT GB2010/000765 de 16/04/2010
(87) WO 2010/122285 de 28/10/2010

(21) **PI 1016176-7** **1.1**
(30) 22/04/2009 DE 102009018178.4
(51) B01F 7/18 (2006.01), B01F 7/00 (2006.01), A23G 1/10 (2006.01)
(86) PCT EP2010/055323 de 22/04/2010
(87) WO 2010/122092 de 28/10/2010

(21) **PI 1016177-5** **1.1**
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(51) H04L 12/28 (2006.01)
(86) PCT CN2010/071147 de 19/03/2010
(87) WO 2010/121511 de 28/10/2010

(21) **PI 1016178-3** **1.1**
(30) 22/04/2009 EP 09158500.0
(51) C04B 28/00 (2006.01)
(86) PCT EP2010/054158 de 30/03/2010
(87) WO 2010/121886 de 28/10/2010

(21) **PI 1016179-1** **1.1**
(30) 23/04/2009 DE 102009018577.1
(51) C23C 2/02 (2006.01), C23C 2/06 (2006.01)
(86) PCT EP2010/055334 de 22/04/2010
(87) WO 2010/122097 de 28/10/2010

(21) **PI 1016181-3** **1.1**
(30) 24/04/2009 JP 2009-106782
(51) G02F 1/133 (2006.01), G09G 3/20 (2006.01), G09G 3/36 (2006.01), H04N 9/30 (2006.01)
(86) PCT JP2010/002787 de 16/04/2010
(87) WO 2010/122753 de 28/10/2010

(21) **PI 1016182-1** **1.1**
(30) 22/04/2009 EP 09158496.1
(51) C12N 15/11 (2006.01), A61K 31/7088 (2006.01), A61P 35/02 (2006.01)
(86) PCT EP2010/055355 de 22/04/2010
(87) WO 2010/122109 de 28/10/2010

(21) **PI 1016183-0** **1.1**
(30) 23/04/2009 US 61/172,199; 28/10/2009 US 61/255,831
(51) C12N 9/88 (2006.01)
(86) PCT US2010/032134 de 22/04/2010
(87) WO 2010/124146 de 28/10/2010

(21) **PI 1016184-8** **1.1**
(30) 22/04/2009 CN 200910137302.2
(51) H04W 4/12 (2009.01), H04W 4/06 (2009.01)
(86) PCT CN2010/072024 de 22/04/2010
(87) WO 2010/121551 de 28/10/2010

(21) **PI 1016185-6** **1.1**
(30) 17/04/2009 US 61/170,468; 04/09/2009 US 61/240,165; 14/09/2009 US 61/242,227; 22/01/2010 US 61/297,669
(51) A61K 31/4375 (2006.01), A61K 31/519 (2006.01), A61P 31/16 (2006.01), A61P 25/00 (2006.01), A61P 29/00 (2006.01), A61P 7/00 (2006.01), A61P 21/00 (2006.01), A61P 33/02 (2006.01), A61P 35/02 (2006.01), A61P 31/12 (2006.01), A61P 25/28 (2006.01), A61P 25/16 (2006.01), A61P 31/18 (2006.01), A61P 31/22 (2006.01)
(86) PCT US2010/031520 de 16/04/2010
(87) WO 2010/121225 de 21/10/2010

(21) **PI 1016186-4** **1.1**
(30) 23/04/2009 EP 09158625.5
(51) A61M 15/00 (2006.01), A61M 11/06 (2006.01), A61M 11/02 (2006.01)
(86) PCT EP2010/055345 de 22/04/2010
(87) WO 2010/122103 de 28/10/2010

(21) **PI 1016187-2** **1.1**
(30) 17/04/2009 DK PA 2009 00508
(51) G01J 5/60 (2006.01), G01N 21/35 (2006.01)
(86) PCT DK2010/000047 de 16/04/2010
(87) WO 2010/118750 de 21/10/2010

(21) **PI 1016188-0** **1.1**
(30) 16/04/2009 DE 10 2009 017 644.6; 16/04/2009 US 61/169,733
(51) B64D 37/00 (2006.01), B64D 37/32 (2006.01)
(86) PCT EP2010/054983 de 15/04/2010
(87) WO 2010/119105 de 21/10/2010

(21) **PI 1016189-9** **1.1**
(30) 17/04/2009 US 61/170,307
(51) C07D 401/08 (2006.01), C07D 403/08 (2006.01), C07D 413/08 (2006.01), C07D 417/08 (2006.01), A61K 31/4427 (2006.01), A61K 31/437 (2006.01), A61K 31/433 (2006.01), A61P 3/10 (2006.01), A61P 29/00 (2006.01), C07D 205/04 (2006.01), C07D 403/10 (2006.01), C07D 405/08 (2006.01)
(86) PCT US2010/031265 de 15/04/2010
(87) WO 2010/121046 de 21/10/2010

(21) **PI 1016190-2** **1.1**
(30) 30/04/2009 US 61/174,293
(51) C07D 233/22 (2006.01), C07D 235/12 (2006.01), C07D 401/06 (2006.01), C07D 401/10 (2006.01), C07D 401/14 (2006.01), C07D 409/10 (2006.01), C07D 409/14 (2006.01), C07D 413/14 (2006.01), C07D 417/10 (2006.01), A61K 31/4164 (2006.01), A61K 31/4178 (2006.01), A61P 35/00 (2006.01)
(86) PCT GB10/050725 de 30/04/2010
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(21) **PI 1016191-0** **1.1**
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(51) C12P 21/06 (2006.01)
(86) PCT US10/032964 de 29/10/2010
(87) WO 2010/127113 de 04/11/2010

(21) **PI 1016192-9** **1.1**
(30) 30/04/2009 EP 09 159150.3
(51) C07D 413/12 (2006.01), C07D 413/14 (2006.01), A61K 31/4427 (2006.01), A61P 25/14 (2006.01), A61P 25/16 (2006.01), A61P 25/18 (2006.01), A61P 25/28 (2006.01)
(86) PCT EP10/055591 de 27/04/2010
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(21) **PI 1016193-7** **1.1**
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(51) A61K 35/74 (2006.01)
(86) PCT US10/033029 de 29/04/2010
(87) WO 2010/127155 de 04/11/2010

(21) **PI 1016194-5** **1.1**
(30) 30/04/2009 US 61/214,953; 01/10/2009 US 61/278,006
(51) A01N 43/22 (2006.01), A01N 59/16 (2006.01), A01N 59/20 (2006.01), A01N 65/00 (2009.01), A01N 63/02 (2006.01), A01P 7/04 (2006.01)
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(21) **PI 1016195-3** **1.1**
(30) 30/04/2009 US 61/174,242
(51) C08K 5/00 (2006.01), C08K 5/5333 (2006.01), C08K 5/098 (2006.01), C08L 23/02 (2006.01)
(86) PCT US10/000563 de 25/02/2010
(87) WO 2010/126559 de 04/11/2010

(21) **PI 1016196-1** **1.1**
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(51) F23D 14/08 (2006.01), F23D 14/14 (2006.01)
(86) PCT EP10/002560 de 27/04/2010
(87) WO 2010/124834 de 04/11/2010

(21) **PI 1016197-0** **1.1**
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(51) A44B 18/00 (2006.01)
(86) PCT EP10/002632 de 29/04/2010
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(21) **PI 1016198-8** **1.1**
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(51) G02F 1/1345 (2006.01), G02F 1/13 (2006.01)
(86) PCT JP2010/052848 de 24/02/2010
(87) WO 2010/125846 de 04/11/2010

(21) **PI 1016199-6** **1.1**
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(51) A61F 13/00 (2006.01), A61F 13/02 (2006.01)
(86) PCT EP10/002576 de 27/04/2010
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(51) G06F 17/40 (2006.01)
(86) PCT US2010/031512 de 16/04/2010
(87) WO 2010/121218 de 21/10/2010

(21) **PI 1016201-1** **1.1**
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(51) B41J 15/04 (2006.01), B41J 3/407 (2006.01)
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(87) WO 2010/113444 de 07/10/2010

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(51) A61C 8/00 (2006.01)
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(21) **PI 1016203-8** **1.1**
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(86) PCT DE2010/000380 de 31/03/2010
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(21) **PI 1016205-4** **1.1**
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(51) C07D 401/08 (2006.01), C07D 403/08 (2006.01), C07D 413/08 (2006.01), C07D 417/08 (2006.01), A61K 31/4427 (2006.01), A61K 31/437 (2006.01), A61K 31/433 (2006.01), A61P 3/10 (2006.01), A61P 29/00 (2006.01), C07D 405/08 (2006.01)
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(51) H03H 1/00 (2006.01), H03H 3/00 (2006.01), H03H 3/007 (2006.01), H03H 3/08 (2006.01), H03H 9/46 (2006.01), H03H 9/64 (2006.01), H04B 7/24 (2006.01)
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(51) C07D 401/08 (2006.01), C07D 403/08 (2006.01), C07D 413/08 (2006.01), C07D 417/08 (2006.01), C07D 471/04 (2006.01), A61K 31/4427 (2006.01), A61K 31/437 (2006.01), A61K 31/433 (2006.01), A61P 3/10 (2006.01), A61P 29/00 (2006.01)
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(51) A61L 27/24 (2006.01), A61L 27/38 (2006.01)
(86) PCT EP2010/002329 de 16/04/2010
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(51) A61K 8/06 (2006.01), A61K 8/893 (2006.01), A61K 8/894 (2006.01), A61Q 1/02 (2006.01), A61Q 5/02 (2006.01), A61Q 5/12 (2006.01), A61Q 17/04 (2006.01), A61Q 19/04 (2006.01), A61Q 19/08 (2006.01), A61Q 19/00 (2006.01), C08G 77/14 (2006.01), C08G 77/46 (2006.01), C08L 83/12 (2006.01), C08G 77/16 (2006.01), C08G 77/38 (2006.01)
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(51) D03D 39/24 (2006.01)
(86) PCT NL2010/050194 de 15/04/2010
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(21) **PI 1016212-7** **1.1**
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(51) B60R 21/12 (2006.01), B60P 3/04 (2006.01)
(86) PCT US2010/030842 de 13/04/2010
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(21) **PI 1016213-5** **1.1**
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(51) A01D 43/10 (2006.01)
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(21) **PI 1016214-3** **1.1**
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(51) A61K 45/06 (2006.01), A61K 31/42 (2006.01), A61K 31/433 (2006.01), A61K 31/505 (2006.01), A61K 31/519 (2006.01), A61K 31/635 (2006.01), A61P 33/02 (2006.01), A61P 43/00 (2006.01), C07D 239/69 (2006.01), C07D 261/16 (2006.01), C07D 285/12 (2006.01), C07D 475/04 (2006.01), C07D 475/08 (2006.01)
(86) PCT JP2010/057330 de 26/04/2010
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(51) A61J 3/06 (2006.01), A61K 9/00 (2006.01), A61K 9/20 (2006.01), F26B 5/04 (2006.01)
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(51) B65D 85/804 (2006.01), B65D 85/808 (2006.01), D04H 13/00 (2006.01)
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(86) PCT US10/032790 de 28/04/2010
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(51) C07D 413/14 (2006.01), A61K 31/422 (2006.01), A61K 31/4439 (2006.01), A61P 35/00 (2006.01), A61P 37/00 (2006.01), A61P 11/00 (2006.01), A61P 31/12 (2006.01)
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(30) 30/04/2009 FR 09 02116
(51) C12P 5/02 (2006.01), C02F 3/28 (2006.01), C12P 7/10 (2006.01)
(86) PCT IB10/051829 de 27/04/2010
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(51) E21B 43/01 (2006.01), E21B 17/01 (2006.01), B63B 27/24 (2006.01), E02D 5/60 (2006.01)
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(21) **PI 1016222-4** **1.1**
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(51) A61F 13/15 (2006.01), D04H 11/08 (2006.01)
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(21) **PI 1016223-2** **1.1**
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(51) H02B 13/055 (2006.01), H01F 27/02 (2006.01), H01H 33/22 (2006.01), H01H 33/70 (2006.01), H01H 33/915 (2006.01)
(86) PCT JP2010/003954 de 15/06/2010
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(21) **PI 1016228-3** **1.1**
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(51) A61K 47/00 (2006.01), C25D 5/00 (2006.01)
(86) PCT US2010/026202 de 04/03/2010
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(51) B29C 47/06 (2006.01), B29C 47/20 (2006.01), B29C 61/06 (2006.01)
(86) PCT US2010/025889 de 02/03/2010
(87) WO 2010/101895 de 10/09/2010

(21) **PI 1016230-5** **1.1**
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(51) A45C 13/18 (2006.01), A45C 13/10 (2006.01), A44B 19/32 (2006.01), A44B 19/34 (2006.01)
(86) PCT FR2010/050352 de 02/03/2010
(87) WO 2010/122247 de 28/10/2010

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(51) E21B 47/06 (2006.01), E21B 49/08 (2006.01)
(86) PCT US2010/026243 de 04/03/2010
(87) WO 2010/102130 de 10/09/2010

(21) **PI 1016232-1** **1.1**
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(51) C07D 233/86 (2006.01), A61K 31/4164 (2006.01), A61K 31/496 (2006.01), A61K 31/551 (2006.01), A61P 3/06 (2006.01), A61P 3/10 (2006.01), A61P 9/10 (2006.01), A61P 17/00 (2006.01), A61P 25/28 (2006.01), A61P 29/00 (2006.01), A61P 43/00 (2006.01), C07D 401/04 (2006.01), C07D 401/12 (2006.01), C07D 401/14 (2006.01), C07D 403/06 (2006.01), C07D 405/04 (2006.01), C07D 405/14 (2006.01), C07D 491/048 (2006.01), C07D 491/056 (2006.01)
(86) PCT JP2010/003039 de 28/04/2010
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(51) C08L 1/00 (2006.01), B29D 7/01 (2006.01), C08J 5/18 (2006.01), C08L 29/04 (2006.01), C08L 9/08 (2006.01)
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(51) A45D 34/04 (2006.01), A61H 15/00 (2006.01), A61H 15/02 (2006.01)
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(51) F02B 47/08 (2006.01)
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(51) C08K 5/18 (2006.01), C08K 5/3437 (2006.01)
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(21) **PI 1016242-9** **1.1**
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(51) B32B 5/26 (2006.01), B32B 9/00 (2006.01), B29C 51/14 (2006.01)
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(21) **PI 1016243-7** **1.1**
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(51) A01N 63/02 (2006.01), A01N 43/08 (2006.01), A01N 43/72 (2006.01), A01N 35/06 (2006.01), A01P 9/00 (2006.01)
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(51) H05K 9/00 (2006.01), G02B 6/12 (2006.01)
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(21) **PI 1016245-3** **1.1**
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(51) C07D 241/16 (2006.01), C07D 401/06 (2006.01)
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(21) **PI 1016246-1** **1.1**
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(51) F16K 1/22 (2006.01)
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(51) B60R 25/10 (2013.01), B62J 27/00 (2006.01)
(86) PCT JP2010/052063 de 12/02/2010
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(21) **PI 1016249-6** **1.1**
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(51) H04W 88/16 (2009.01), H04W 64/00 (2009.01), H04W 76/02 (2009.01)
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(51) G08C 17/00 (2006.01), H04N 5/445 (2011.01)
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(21) **PI 1016251-8** **1.1**
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(51) H02K 1/27 (2006.01), H02K 15/03 (2006.01), H01F 7/02 (2006.01)

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(21) **PI 1016253-4** **1.1**
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(51) F16K 1/52 (2006.01), E21B 34/06 (2006.01), F16K 27/00 (2006.01)
(86) PCT US2010/039957 de 25/06/2010
(87) WO 2011/002680 de 06/01/2011

(21) **PI 1016254-2** **1.1**
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(51) D02G 3/36 (2006.01)
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(21) **PI 1016256-9** **1.1**
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(51) E21B 10/46 (2006.01), E21B 10/54 (2006.01), E21B 10/50 (2006.01)
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(87) WO 2011/003051 de 06/01/2011

(21) **PI 1016257-7** **1.1**
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(51) A61K 31/5383 (2006.01), A61K 31/5395 (2006.01), A61K 9/00 (2006.01), A61P 31/04 (2006.01), A61P 27/02 (2006.01)
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(51) C07F 9/38 (2006.01), A01N 57/20 (2006.01), C07C 279/04 (2006.01), C07C 279/12 (2006.01), C07C 279/20 (2006.01)
(86) PCT US2010/039745 de 24/06/2010
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(51) G02F 1/1343 (2006.01)
(86) PCT JP2010/054117 de 11/03/2010
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(30) 03/07/2009 JP 2009-159109
(51) C12N 9/42 (2006.01), C12N 15/09 (2006.01), C12P 19/00 (2006.01)
(86) PCT JP2010/061263 de 01/07/2010
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(30) 06/03/2009 US 61/157,975
(51) G01L 7/08 (2006.01)
(86) PCT US2010/026057 de 03/03/2010
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(86) PCT JP2010/053454 de 03/03/2010
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1.3.1 RETIFICAÇÃO

(21) **PI 0615072-1** A8 **1.3.1**
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(51) F16D 65/60 (2006.01)
(54) UM REGULADOR DE FREIO AUTOMÁTICO PARA REGULAR A FOLGA ENTRE A LONA DE FREIO E O TAMBOR DE FREIO EM UM SISTEMA DE FRENAGEM VEICULAR
(57) Um Regulador de Freio Automático para Regular a Folga entre a Lona de Freio e o Tambor de Freio em um Sistema de Frenagem Veicular, sendo um aperfeiçoamento em um Regulador de Freio Automático com ponto de referência flexível em que um mecanismo de trava de uma via e mecanismo de embreagem são integrados em uma peça e localizados no eixo sem fim com a provisão de isolamento do mecanismo de trava de uma via e roda de engrenagem sem fim do regulador da carga da mola de embreagem pesada por uma disposição da luva de empuxo da função independente. O mecanismo de trava de uma via significa detectar a folga da lona em excesso e regular a folga entre a lona de freio e tambor de freio enquanto que o mecanismo de embreagem é para ignorar o curso em excesso do atuador de freio devido à elasticidade nas peças de freio de base de um sistema de frenagem veicular.
(71) Madras Engineering Industries Private LTD. (IN)
(72) KRISHNASWAMY PARTHASARATHY ECHAMBADI, SENIAPPANMANIPANDIAN
(74) Security Assessoria Empresarial Ltda.
(85) 22/02/2008
(86) PCT IN2006/000248 de 13/07/2006
(87) WO 2007/023508 de 01/03/2007
Foi retificada a publicação na RPI 2191 para o item 54

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(22) 13/08/2007
(30) 11/08/2006 DE 10 2006 037 786.9
(51) C07D 405/04 (2006.01), A61K 31/513 (2006.01), A61P 35/00 (2006.01)
(54) NUCLEOSÍDEOS, FÁRMACOS CONTENDO ESTES E USO DESTES
(71) RESPROTECT GMBH (DE)
(72) Rudolf Fahrig, Dieter Lohmann, Andreas Rolfs, Henrik Dieks, Janek Teubner
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 11/02/2009
(86) PCT EP2007/007147 de 13/08/2007
(87) WO 2008/017515 de 14/02/2008
Foi retificada a publicação RPI 2239 para o item 71

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(51) C08F 10/00 (2006.01), C08F 297/08 (2006.01), C08L 23/00 (2006.01), B01J 8/24 (2006.01), B01J 8/26 (2006.01)
(54) PROCESSO MULTIESTÁGIO PARA A POLIMERIZAÇÃO DE OLEFINAS.
(71) BASELL POLIOLEFINE ITALIA S.R.L. (IT)
(72) Giuseppe Penzo, Roberto Rinaldi
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(85) 14/05/2009
(86) PCT EP2007/061432 de 24/10/2007
(87) WO 2008/058839 de 22/05/2008
Foi retificada a publicação da RPI 2239 03/12/2013 em relação ao item (71)

1.4 RESTABELECIMENTO DE DIREITO PARA ENTRADA NA FASE NACIONAL DO PCT CONCEDIDO

(21) **PI 0925067-0** **1.4**
(22) 30/12/2009
(71) ZTE Corporation (CN)
(74) LLC Info Connection LTDA
(86) PCT CN2009/076298 de 30/12/2009
(87) WO 2010/145184 de 23/12/2010
O presente pedido foi depositado através do PCT em 30/12/2009, dando entrada na fase nacional em 21/12/2011, apesar do prazo expirar em 19/12/2011 (30 meses contados da data de prioridade, qual seja, 19/06/2009). Através da petição de devolução de prazo 020110132397 de 21/12/2011, o depositante solicitou concessão de prazo adicional, na forma do art.221 da LPI, justificando que por motivo totalmente imprevisto, alheio à vontade da parte, não foi possível realizar o depósito dentro do prazo. O requerente alega que “a ocorrência de fortes chuvas na cidade do Rio de Janeiro causou uma sobrecarga na rede elétrica da região onde se encontra o escritório da empresa, o que atingiu o servidor do escritório e danificou o seu HD. “ Mediante documentos comprobatórios apresentados e com base no regulamento 82 quater do PCT, a alegação apresentada configura motivo relevante. Diante do exposto, considera-se que o pedido de restabelecimento de direito poderá ser atendido, por estar de acordo com a legislação vigente

(21) **PI 1008162-3** A2 **1.4**
(22) 29/01/2010
(71) LANZATECH NEW ZEALAND LIMITED (NZ)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(86) PCT NZ2010/000009 de 29/01/2010
(87) WO 2010/093262 de 19/08/2010
O presente pedido foi depositado através do PCT/NZ2010/000009 em 29/01/2010, dando entrada na fase nacional em 01/08/2011, apesar do prazo expirar em 29/07/2011 (30 meses contados da data de prioridade que é 29/01/2009). Posteriormente a petição de entrada, em 19/06/2012, o depositante solicitou extensão de prazo e/ou restabelecimento de direito de entrada na Fase Nacional na forma do art. 221 da Lei nº 9.279/96 (LPI), da regra 49.6 e 82.1 do PCT e Resolução INPI 254/2010, bem como ainda o requerimento de restauração na forma do art. 87 da Lei nº 9.279/96 (LPI), justificando que por uma falha não intencional, e por razões legítimas (justa causa), assim como a despeito dos devidos cuidados tomados, não foi possível realizar o depósito dentro do prazo. O requerente alega que houve uma falha não intencional, ou seja, "O pedido de patente provisório US No.: 61/148,282 foi depositado por via eletrônica através do sítio eletrônico do Escritório de Patentes e Marcas dos Estados Unidos (USPTO) exatamente às 11:34 hs (horário local neozelandês) do dia 30 de Janeiro de 2009. No entanto, devido à diferença de fuso horário entre a Nova Zelândia e os Estados Unidos, o sistema de depósito eletrônico do USPTO registrou, como data e hora do depósito, o horário local norte-americano correspondente (Eastern Standard Time – USA), a saber, 17:34 hs do dia 29 de Janeiro de 2009 ...", "...o pedido de patente PCT foi publicado em 19 de agosto de 2010 sob o número de publicação internacional WO 2010/093262 A1. A página de rosto desta publicação é aqui anexada como Documento 2 e é possível notar que a data de prioridade do documento de prioridade No.: 61/148,282 consta como sendo 30 de janeiro de 2010." e "Uma vez que 30 de julho de 2011 foi um sábado, o escritório Dannemann, Siemsen, Bigler & Ipanema Moreira depositou a fase nacional do pedido de patente PCT em questão no Instituto Nacional da Propriedade Industrial (INPI) no primeiro dia útil subsequente ao prazo fatal de 30 de julho de 2011.". Com base na Resolução do INPI 77/2013, artigo 14, a alegação apresentada configura motivo relevante para a falta de execução dos atos. Diante do exposto, considera-se que o pedido de restabelecimento de direito poderá ser atendido, por estar de acordo com a legislação vigente.

1.4.1 RESTABELECIMENTO DE DIREITO PARA ENTRADA NA FASE NACIONAL DO PCT NEGADO

(21) **BR 11 2012 003654-8** **1.4.1**
(22) 26/05/2009
(71) Micro Motion INC (US)
(74) Custódio De Almeida & Cia
(86) PCT US2009/045165 de 26/05/2009
(87) WO 2010/138111 de 02/12/2010
O presente pedido foi depositado através do PCT em 26/05/2009, dando entrada na fase nacional em 17/02/2012, apesar do prazo expirar em 26/11/2011 (30 meses contados da data de depósito do PCT). Juntamente com a petição de entrada, o depositante solicitou devolução de prazo amparado no artigo 221 da LPI e artigo 22 do PCT, justificando que por motivo totalmente imprevisto, alheio à vontade da parte, não foi possível realizar o depósito dentro do prazo. O requerente alega que houve uma falha não intencional, ou seja, "Os técnicos verificaram uma grande instabilidade na data em questão (27/10/2011), o que tirou do ar o servidor de e-mails e, consequentemente, provocou a perda de e-mails que deveriam ser recebidos naquele dia. Informaram ainda que, na falta de energia, o sistema desliga automaticamente os servidores para evitar maiores danos... A falha no recebimento do e-mail do dia 27/10/2011 somente foi constatada com

o recebimento do e-mail do dia 24/01/2012." Entretanto, com base no PARECER/INPI/PROC/DICONS/Nº 043/03, a alegação apresentada não configura motivo para falta de execução do ato. Além disso, pela Resolução do INPI 77/2013, Artigo 12, § 2°, "Reputam-se precauções exigidas pelas circunstâncias os esforços cuidadosos, sérios e constantes, que devem ser tomados pelo depositante no que se referem aos atos a serem praticados". Diante do exposto, considera-se que o pedido de devolução de prazo não poderá ser atendido, por estar em desacordo com a legislação vigente.

(21) **PI 0712086-9** **1.4.1**
(22) 10/05/2007
(71) Bayer Materialscience AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(86) PCT EP2007/004149 de 10/05/2007
(87) WO 2007/137685 de 06/12/2007
O presente pedido foi depositado através do PCT em 10/05/2007, dando entrada na fase nacional em 26/11/2008, apesar do prazo expirar em 23/11/2008 (30 meses contados da data de prioridade que é 23/05/2006). Posteriormente a petição de entrada, em 26/01/2009, o depositante solicitou extensão de prazo e de restabelecimento de direitos amparados nos artigos 87 e 221 da LPI e regras 49.6 do PCT, justificando que por motivo totalmente imprevisto, alheio à vontade da parte, não foi possível realizar o depósito dentro do prazo. O requerente alega que houve uma falha não intencional, ou seja, "A data de prioridade foi erroneamente indicada no pedido internacional... esse fato gerou confusão e erro durante o processamento do pedido de patente." Entretanto, com base no PARECER/INPI/PROC/DICONS/Nº 043/03, a alegação apresentada não configura motivo para falta de execução do ato. Além disso, pela Resolução do INPI 77/2013, Artigo 12, § 2°, "Reputam-se precauções exigidas pelas circunstâncias os esforços cuidadosos, sérios e constantes, que devem ser tomados pelo depositante no que se referem aos atos a serem praticados". Diante do exposto, considera-se que o pedido de restabelecimento de direito não poderá ser atendido, por estar em desacordo com a legislação vigente.

(21) **PI 0917932-1** **1.4.1**
(22) 15/05/2009
(71) Stewart R J Cullen (AU) , Christopher C. Pantin (AU)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
(86) PCT AU2009/000614 de 15/05/2009
(87) WO 2009/140720 de 26/11/2009
O presente pedido foi depositado através do PCT em 15/05/2009, dando entrada na fase nacional em 25/02/2011, apesar do prazo expirar em 21/11/2010 (30 meses contados da data de prioridade que é 21/05/2008). Juntamente com a petição de entrada, o depositante solicitou extensão de prazo, de restauração e/ou restabelecimento de direitos amparados nos artigos 87 e 221 da LPI e regras 49.6 e 82.1 do PCT e resolução 254 do INPI, justificando que por motivo totalmente imprevisto, alheio à vontade da parte, não foi possível realizar o depósito dentro do prazo. O requerente alega que houve uma falha não intencional, ou seja, "O depósito não foi tempestivamente devido ao não entendimento e clareza plena das instruções reportadas bem como não envio da documentação necessária." Entretanto, com base no PARECER/INPI/PROC/DICONS/Nº 043/03, a alegação apresentada não configura motivo para falta de execução do ato. Além disso, pela Resolução do INPI 77/2013, Artigo 12, § 2°, "Reputam-se precauções exigidas pelas circunstâncias os esforços cuidadosos, sérios e constantes, que devem ser tomados pelo depositante no que se referem aos atos a serem praticados". Diante do exposto, considera-se que o pedido de restabelecimento de direito não poderá ser atendido, por estar em desacordo com a legislação vigente.

1.5 EXIGÊNCIAS DIVERSAS

(21) **PI 0720737-9** **1.5**
(22) 21/12/2007
(71) Siemens Water Technologies Corp. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
(86) PCT US2007/026219 de 21/12/2007
(87) WO 2008/079362 de 03/07/2008
Comprove que o signatário da petição nº 020090064185 de 22/06/2009 tem poderes para atuar em nome do depositante, uma vez que baseado no artigo 216 da LPI, os atos devem ser praticados pelas partes ou por seus procuradores, devidamente qualificados.

2. Depósito

2.1 PEDIDO DE PATENTE OU CERTIFICADO DE ADIÇÃO DE INVENÇÃO DEPOSITADO

(21) **BR 10 2012 014400-0** **2.1**
(22) 02/06/2012
(71) Gesiel Fernandes da Cruz (BR/PR)

(21) **BR 10 2012 018582-2** **2.1**
(22) 26/07/2012
(71) Finxi Soluções em T.I. LTDA. (BR/RJ)
(74) Atem & Remer Asses. Consult. Prop. Int. Ltda

(21) **BR 10 2012 022042-3** **2.1**
(22) 31/08/2012
(71) FERNANDO PENTEADO KUHLMANN (BR/SP)

(21) **BR 10 2012 024849-2** **2.1**
(22) 28/09/2012
(71) Thiago Emanuel Machado de Oliveira (BR/SP)
(74) Vilage Marcas & Patentes S/S Ltda

(21) **BR 10 2012 027997-5** **2.1**
(22) 31/10/2012
(71) Universidade Federal de Minas Gerais (BR/MG) , Fundação de Amparo À Pesquisa do Estado de Minas Gerais - Fapemig (BR/MG)

(21) **BR 10 2012 028018-3** **2.1**
(22) 31/10/2012
(71) Companhia Brasileira de Cartuchos (BR/SP)
(74) Solmark Assessoria em Propriedade Intelectual S/C Ltda.

(21) **BR 10 2012 028025-6** **2.1**
(22) 31/10/2012
(71) Medabil Sistemas Construtivos S/A (BR/RS) , Wirklich Indústria de Plásticos Ltda (BR/RS)
(74) Guerra Propriedade Industrial

(21) **BR 10 2012 028027-2** **2.1**
(22) 31/10/2012
(71) Fiat Group Automobiles S.P.A (IT)
(74) Di Blasi, Parente & Ass. Prop. Ind. Ltda

(21) **BR 10 2012 028058-2** **2.1**
(22) 31/10/2012
(71) Messier-Bugatti-Dowty (FR)
(74) Luiz Leonardos & Cia - Propriedade Itelectual

(21) **BR 10 2012 028060-4** **2.1**
(22) 31/10/2012
(71) Mahle Metal Leve S/A (BR/SP) , Mahle International Gmbh (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028063-9** **2.1**
(22) 31/10/2012
(71) Poly-Clip System Gmbh & Co. Kg (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028069-8** **2.1**
(22) 31/10/2012
(71) Man Truck & Bus Ag (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028080-9** **2.1**
(22) 31/10/2012
(71) Hommel-Etamic Gmbh (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028081-7** **2.1**
(22) 31/10/2012
(71) Aisan Kogyo Kabushiki Kaisha (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028082-5** **2.1**
(22) 31/10/2012
(71) Robert Bosch Gmbh (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028112-0** **2.1**
(22) 01/11/2012
(71) FESC - Gestão e Consultoria Ltda (BR/SC)
(74) Graciani Bilk

(21) **BR 10 2012 028510-0** **2.1**
(22) 07/11/2012
(71) Honda Motor CO., Ltd. (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028529-0** **2.1**
(22) 07/11/2012
(71) Solvay SA (BE)
(74) Luiz Leonardos & Cia - Propriedade Intelectual

(21) **BR 10 2012 028912-1** **2.1**
(22) 12/11/2012
(71) MEYN FOOD PROCESSING TECHNOLOGY B.V. (NL)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 028979-2** **2.1**
(22) 13/11/2012
(71) VERA LÚCIA DE ÁVILA LIMA (BR/GO)
(74) ALCIDES RIBEIRO FILHO

(21) **BR 10 2012 028980-6** **2.1**
(22) 13/11/2012
(71) ECE (FR)
(74) CAROLINA NAKATA

(21) **BR 10 2012 029012-0** **2.1**
(22) 13/11/2012
(71) ADILSON RAGUSA RUBIO (BR/SP)
(74) TINOCO SOARES & FILHO LTDA

(21) **BR 10 2012 029573-3** **2.1**
(22) 21/11/2012
(71) OVESCO ENDOSCOPY AG (DE)
(74) CAROLINA NAKATA

(21) **BR 10 2012 029854-6** **2.1**
(22) 23/11/2012
(71) INSTITUTO MAUA DE TECNOLOGIA - IMT (BR/SP)
(74) BRITÂNIA MARCAS E PATENTES LTDA

(21) **BR 10 2012 031082-1** **2.1**
(22) 05/12/2012
(71) ORESTES BIANCHI JUNIOR (BR/SP)

(21) **BR 10 2012 031087-2** **2.1**
(22) 06/12/2012
(71) Schneider Electric Industries Sas (FR)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2012 031089-9** **2.1**
(22) 04/12/2012
(71) MEGADETH PRODUTOS MECÂNICOS LTDA EPP (BR/SP)
(74) MARCIO LORETI

(21) **BR 10 2012 031116-0** **2.1**
(22) 06/12/2012
(71) Dr. Ing. H.C.F. Porsche Aktiengesellschaft (DE)
(74) Orlando de Souza

(21) **BR 10 2012 031269-7** **2.1**
(22) 07/12/2012
(71) So.La.Is. - Societa' Lavorazione Isolante - S. r. L. Con Unico Socio (IT)
(74) Jose Carlos Vaz e Dias

(21) **BR 10 2012 031275-1** **2.1**
(22) 07/12/2012
(71) D.D. Williamson & Co., Inc. (US)
(74) Hugo Silva & Maldonado - Propriedade Intelectual

(21) **BR 10 2012 031303-0 2.1**
(22) 07/12/2012
(71) Pochet Du Courval (FR)
(74) Luiz Leonardos & Cia - Propriedade Intelectual

(21) **BR 10 2012 031800-8 2.1**
(22) 13/12/2012
(71) Saneamento de Goiás S/A (BR/GO)
(74) Sergio Ribeiro da Silva

(21) **BR 10 2012 032493-8 2.1**
(22) 19/12/2012
(71) Universidade Federal de Minas Gerais (BR/MG)

(21) **BR 10 2012 032587-0 2.1**
(22) 20/12/2012
(71) Cândido Cornélio Rocha Públio (BR/MG)

(21) **BR 10 2012 032909-3 2.1**
(22) 21/12/2012
(71) INTELIMIDIA SOLUÇÕES EM INTELIGÊNCIA MERCADOLÓGICA LTDA (BR/SP)
(74) CLOVIS SILVEIRA

(21) **BR 10 2012 032916-6 2.1**
(22) 21/12/2012
(71) FUNDAÇÃO CPQD - CENTRO DE PESQUISA E DESENVOLVIMENTO EM TELECOMUNICAÇÕES (BR/SP)
(74) ANA LUCIA FORNI POPPI

(21) **BR 10 2012 032928-0 2.1**
(22) 21/12/2012
(71) LUÍS FELIPE DUARTE MACHADO (BR/RS)
(74) MODAL MARCAS E PATENTES LTDA

(21) **BR 10 2012 032941-7 2.1**
(22) 21/12/2012
(71) MUSIGMA BUSINESS SOLUTIONS PVT. LTD. (IN)
(74) MONICA NOGUEIRA

(21) **BR 10 2012 032958-1 2.1**
(22) 21/12/2012
(71) EMBRAER S.A. (BR/SP)
(74) VEIRANO ADVOGADOS

(21) **BR 10 2012 032959-0 2.1**
(22) 21/12/2012
(71) EMBRAER S.A. (BR/SP)
(74) VEIRANO ADVOGADOS

(21) **BR 10 2012 032971-9 2.1**
(22) 21/12/2012
(71) WHIRLPOOL S.A. (BR/SP)
(74) FABIO FERRAZ DE ARRUDA LEME

(21) **BR 10 2012 033003-2 2.1**
(22) 21/12/2012
(71) FORD GLOBAL TECHNOLOGIES LLC (US)
(74) ARTUR FRANCISCO SCHAAL

(21) **BR 10 2012 033010-5 2.1**
(22) 21/12/2012
(71) GENERAL ELECTRIC COMPANY (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2012 033020-2 2.1**
(22) 21/12/2012
(71) INTERNATIONAL FLAVORS & FRAGRANCES INC. (US)
(74) TINOCO SOARES & FILHO LTDA

(21) **BR 10 2012 033144-6 2.1**
(22) 11/12/2012
(71) Benedito de Moraes Purqueiro (BR/SP)

(21) **BR 10 2012 033161-6 2.1**
(22) 26/12/2012
(71) VETCO GRAY, INC (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2012 033167-5 2.1**
(22) 26/12/2012
(71) CLENIO DA COSTA SANDES (BR/SP)
(74) IVANILDA MARIA DE OLIVEIRA

(21) **BR 10 2012 033190-0 2.1**
(22) 26/12/2012
(71) DANNY LEE HAILE (US)
(74) ANTONIO MAURICIO PEDRAS ARNAUD

(21) **BR 10 2012 033236-1 2.1**
(22) 26/12/2012
(71) WHIRLPOOL S.A. (BR/SP)
(74) CARINA S RODRIGUES

(21) **BR 10 2012 033366-0 2.1**
(22) 27/12/2012
(71) HEXAGON METROLOGY S.P.A. (IT)
(74) ADVOCACIA PIETRO ARIBONI S/C

(21) **BR 10 2012 033386-4 2.1**
(22) 27/12/2012
(71) FURUKAWA INDUSTRIAL S.A. PRODUTOS ELÉTRICOS (BR/PR)
(74) ANTONIO MAURICIO PEDRAS ARNAUD

(21) **BR 10 2012 033416-0 2.1**
(22) 27/12/2012
(71) GENERAL ELECTRIC COMPANY (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2012 033440-2 2.1**
(22) 27/12/2012
(71) VETCO GRAY, INC (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2012 033639-1 2.1**
(22) 28/12/2012
(71) EMBRAER S.A. (BR/SP)
(74) VEIRANO ADVOGADOS

(21) **BR 10 2012 033803-3 2.1**
(22) 28/12/2012
(71) Instituto Nacional de Pesquisas da Amazônia (BR/AM)
(74) Ricardo Amaral Remer

(21) **BR 10 2013 000723-4 2.1**
(22) 11/01/2013
(71) Evoluções Energia Ltda (MA)

(21) **BR 10 2013 000724-2 2.1**
(22) 11/01/2013
(71) Evoluções Energia Ltda (BR/MA)

(21) **BR 10 2013 000725-0 2.1**
(22) 11/01/2013
(71) Evoluções Energia Ltda (BR/MA)

(21) **BR 10 2013 002801-0 2.1**
(22) 05/02/2013
(71) GENERAL ELECTRIC COMPANY (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2013 003038-4 2.1**
(22) 07/02/2013
(71) CENTRAX LIMITED (GB)
(74) ANTONIO MAURICIO PEDRAS ARNAUD

(21) **BR 10 2013 003298-0 2.1**
(22) 08/02/2013
(71) WHIRLPOOL S.A. (BR/SP)
(74) FABIO FERRAZ DE ARRUDA LEME

(21) **BR 10 2013 004665-5 2.1**
(22) 27/02/2013
(71) GENERAL ELECTRIC COMPANY (US)
(74) ARTUR FRANCISCO SCHAAL

(21) **BR 10 2013 004967-0 2.1**
(22) 28/02/2013
(71) GM GLOBAL TECHNOLOGY OPERATIONS LLC (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 004971-9 2.1**
(22) 28/02/2013
(71) SONY CORPORATION (JP)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 004978-6 2.1**
(22) 28/02/2013
(71) KOHLER Co (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 004980-8 2.1**
(22) 28/02/2013
(71) OXITENO S A IND E COMERCIO (BR/SP)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 004985-9 2.1**
(22) 28/02/2013
(71) Kabushiki Kaisha Yaskawa Denki (JP)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 005006-7 2.1**
(22) 01/03/2013
(71) Adelmar João Rossetto (BR/RS)
(74) André Luiz Varella Andreoli

(21) **BR 10 2013 005047-4 2.1**
(22) 01/03/2013
(71) Fuji Electric Co., Ltd (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 005124-1 2.1**
(22) 01/03/2013
(71) Man Truck & Bus Osterreich Ag (AT)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 005370-8 2.1**
(22) 06/03/2013
(71) Tron Industrial Refrigeração e Eletrônica Ltda (BR/SP)
(74) Vilage Marcas & Patentes Ltda

(21) **BR 10 2013 005373-2 2.1**
(22) 06/03/2013
(71) Farmoquímica S/A. (BR/RJ)
(74) Bernardo Atem Francischetti

(21) **BR 10 2013 005377-5 2.1**
(22) 06/03/2013
(71) APARECIDO COSTA DE MORAIS (BR/SP)

(21) **BR 10 2013 005378-3 2.1**
(22) 06/03/2013
(71) APARECIDO COSTA DE MORAIS (BR/SP)

(21) **BR 10 2013 005379-1 2.1**
(22) 06/03/2013
(71) APARECIDO COSTA MORAIS (BR/SP)

(21) **BR 10 2013 005381-3 2.1**
(22) 06/03/2013
(71) AMILCAR FARID YAMIN (BR/SP)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2013 005392-9 2.1**
(22) 06/03/2013
(71) GE AVIATION SYSTEMS LLC (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2013 005422-4 2.1**
(22) 06/03/2013
(71) Haldex Brake Products Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 005436-4 2.1**
(22) 06/03/2013
(71) Compagnie Industrielle Et Financiere D'Ingenierie Ingenico (FR)
(74) Nellie D Shores

(21) **BR 10 2013 005441-0 2.1**
(22) 06/03/2013
(71) Willem Johannes Van Straaten (ZA)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 005445-3 2.1**
(22) 06/03/2013
(71) Isense Corporation (US)
(74) Nellie D Shores

(21) **BR 10 2013 005447-0 2.1**
(22) 06/03/2013
(71) Sitmed Equipamentos Médicos Ltda. (BR/RS)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 005460-7 2.1**
(22) 07/03/2013
(71) Universidade Estadual de Maringá (BR/PR)
(74) Fábia dos Santos Sacco

(21) **BR 10 2013 005502-6 2.1**
(22) 07/03/2013
(71) Fernando Azambuja Magnus Assis (BR/RS)
(74) Marpa Consultoria e Assessoria Empresarial Ltda.

(21) **BR 10 2013 005583-2 2.1**
(22) 08/03/2013
(71) Carlos Augusto Calmon Nogueira da Gama (BR/ES)
(74) José Augusto Calmon Nogueira da Gama

(21) **BR 10 2013 005601-4 2.1**
(22) 08/03/2013
(71) Universidade Federal de Minas Gerais (BR/MG) , Universidade Federal de Ouro Preto - UFOP (BR/MG) , Fundação de Amparo à Pesquisa do Estado de Minas Gerais - Fapemig (BR/MG)
(74) O Próprio

(21) **BR 10 2013 005605-7 2.1**
(22) 08/03/2013
(71) Herculano Carvalhais Rodrigues (BR/MG) , Paulo Vinícius Barroso Dayrell (BR/MG)
(74) O Próprio

(21) **BR 10 2013 005625-1 2.1**
(22) 08/03/2013
(71) PARKER HANNIFIN INDÚSTRIA E COMÉRCIO LTDA. (BR/SP)
(74) ANTONIO MAURICIO PEDRAS ARNAUD

(21) **BR 10 2013 005653-7 2.1**
(22) 07/03/2013
(71) EDSON DE JESUS MARSOLI (BR/SP)
(74) PAULO SÉRGIO CALIXTO MENDES

(21) **BR 10 2013 005717-7 2.1**
(22) 08/03/2013
(71) Halliburton Energy Services, Inc. (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 005759-2 2.1**
(22) 11/03/2013
(71) INSTITUTO DE PESQUISAS TECNOLÓGICAS DO EST S. PAULO S/A IPT (BR/SP) , CIA. FERROLIGAS MINAS GERAIS - MINASLIGAS (BR/MG)
(74) NEREIDE DE OLIVEIRA

(21) **BR 10 2013 005785-1 2.1**
(22) 11/03/2013
(71) FUNDAÇÃO VALEPARAIBANA DE ENSINO - FVE (BR/SP)
(74) VEIRANO ADVOGADOS

(21) **BR 10 2013 005933-1 2.1**
(22) 13/03/2013
(71) ADRIAN EXTRAKT BRAUNER (BR/SP)
(74) CASSIA ALCANTARA CATAPANI

(21) **BR 10 2013 005935-8 2.1**
(22) 13/03/2013
(71) Universidade Federal de Minas Gerais - UFMG (BR/MG) , Centro Federal de Educação Tecnológica de Minas Gerais (BR/MG)

(21) **BR 10 2013 005942-0 2.1**
(22) 13/03/2013
(71) Ricardo Tabare Josefides Scaciano (BR/SC) , Marcio Barbosa Ferreira (BR/SC)
(74) Nilvan Paulo Minguranse

(21) **BR 10 2013 006008-9 2.1**
(22) 13/03/2013
(71) Ligia Maria Turkiewicz Archegas (BR/PR)
(74) Adilson Gabardo

(21) **BR 10 2013 006013-5 2.1**
(22) 13/03/2013
(71) KEPLER WEBER INDUSTRIAL S.A. (BR/RS)
(74) ADVOCACIA PIETRO ARIBONI S/C

(21) **BR 10 2013 006025-9 2.1**
(22) 13/03/2013
(71) Deere & Company (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 006026-7 2.1**
(22) 13/03/2013
(71) Manitowoc Crane Group France SAS (FR)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 006051-8 2.1**
(22) 14/03/2013
(71) FLORIN ANTONIO NUTSE (BR/SP)

(21) **BR 10 2013 006056-9 2.1**
(22) 14/03/2013
(71) KAVO DO BRASIL INDÚSTRIA E COMÉRCIO LTDA (BR/SC)
(74) CAVALCANTI E CAVALCANTI ADVOGADOS

(21) **BR 10 2013 006064-0 2.1**
(22) 14/03/2013
(71) SQUADRONI PRODUTOS INDUSTRIAIS LTDA (BR/SP)
(74) TINOCO SOARES & FILHO LTDA

(21) **BR 10 2013 006076-3 2.1**
(22) 14/03/2013
(71) GENERAL ELETRIC COMPANY (US)
(74) PRISCILA PENHA DE BARROS THEREZA

(21) **BR 10 2013 006078-0 2.1**
(22) 14/03/2013
(71) GE AVIATON SYSTEMS LIMITED (GB)
(74) PAOLA CALABRIA MATTIOLI DANTAS

(21) **BR 10 2013 006079-8 2.1**
(22) 14/03/2013
(71) BASF CORPORATION (US)
(74) PAOLA CALABRIA MATTIOLI DANTAS

(21) **BR 10 2013 006080-1 2.1**
(22) 14/03/2013
(71) GE AVIATON SYSTEMS LIMITED (GB)
(74) PRISCILA PENHA DE BARROS THEREZA

(21) **BR 10 2013 006266-9 2.1**
(22) 15/03/2013
(71) Weatherford/Lamb, Inc. (US)
(74) Orlando de Souza

(21) **BR 10 2013 006286-3 2.1**
(22) 15/03/2013
(71) Yamaha Hatsudoki Kabashiki Kaisa (JP)
(74) Nellie D Shores

(21) **BR 10 2013 006481-5 2.1**
(22) 22/03/2013
(71) Universidade Estadual de Ponta Grossa (BR/PR)

(21) **BR 10 2013 007892-1 2.1**
(22) 02/04/2013
(71) Francisco Rogério Soares Costa Sousa (BR/CE)

(21) **BR 10 2013 007899-9 2.1**
(22) 02/04/2013
(71) Cristofoli Equipamentos de Biossegurança Ltda (BR/PR)
(74) Valor Propriedade Intelectual S/S Ltda

(21) **BR 10 2013 008260-0 2.1**
(22) 05/04/2013
(71) Dario César dos Santos Aprato (BR/RS)

(21) **BR 10 2013 008263-5 2.1**
(22) 05/04/2013
(71) Optilatina Comércio de Produtos Oticos e Gestão de Marcas Ltda (BR/ES)
(74) Adenacon Marcas e Patentes Ltda

(21) **BR 10 2013 008434-4 2.1**
(22) 08/04/2013
(71) Universidade Federal de Goiás (BR/GO)

(21) **BR 10 2013 008542-1 2.1**
(22) 09/04/2013
(71) Ireno Antônio dos Reis (BR/RS)
(74) Norberto Pardelhas de Barcellos

(21) **BR 10 2013 008792-0 2.1**
(22) 11/04/2013
(71) Marcus Vinicius Agostinho do Carmo (BR/MG)

(21) **BR 10 2013 008846-3 2.1**
(22) 11/04/2013
(71) Universidade Federal de Minas Gerais - UFMG (BR/MG)

(21) **BR 10 2013 008920-6 2.1**
(22) 12/04/2013
(71) Empresa Brasileira de Correios e Telégrafos (BR/DF)

(21) **BR 10 2013 009007-7 2.1**
(22) 12/04/2013
(71) Jowat Ag (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009023-9 2.1**
(22) 12/04/2013
(71) Sumitomo Chemical Company, Limited (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009057-3 2.1**
(22) 12/04/2013
(71) Sonne Energy Indústria e Comércio Ltda (BR/MG)

(21) **BR 10 2013 009137-5 2.1**
(22) 15/04/2013
(71) Chee Siang Industrial Co., Ltd. (TW)
(74) Tavares Propriedade Intelectual Ltda.

(21) **BR 10 2013 009165-0 2.1**
(22) 15/04/2013
(71) Ncr Corporation (US)
(74) Nellie D Shores

(21) **BR 10 2013 009182-0 2.1**
(22) 15/04/2013
(71) Ricoh Company, Ltd (JP)
(74) Di Blasi, Parente & Ass. Prop. Ind. Ltda

(21) **BR 10 2013 009189-8 2.1**
(22) 15/04/2013
(71) Ifp Energies Nouvelles (FR)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009192-8 2.1**
(22) 15/04/2013
(71) Wild Well Control, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009209-6 2.1**
(22) 15/04/2013
(71) EDSON NICASSIO ALUIZIO DOS SANTOS (BR/RJ)
(74) Welliton Pimentel Coutinho

(21) **BR 10 2013 009295-9 2.1**
(22) 16/04/2013
(71) Nichia Corporation (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009302-5 2.1**
(22) 16/04/2013
(71) Natura Cosméticos S.A (BR/SP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009641-5 2.1**
(22) 19/04/2013
(71) Man Truck & Bus AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009645-8 2.1**
(22) 19/04/2013
(71) Stjernf Jadrar AB (SE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009666-0 2.1**
(22) 19/04/2013
(71) Honda Motor Co., Ltd. (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009676-8 2.1**
(22) 19/04/2013
(71) Goodrich Corporation (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 009693-8 2.1**
(22) 19/04/2013
(71) CGGVeritas Services SA (FR)
(74) Luiz Leonardos & Cia - Propriedade Itelectual

(21) **BR 10 2013 009696-2 2.1**
(22) 19/04/2013
(71) Honda Motor Co.,Ltd (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009699-7 2.1**
(22) 19/04/2013
(71) Remington Holdings, LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009712-8 2.1**
(22) 19/04/2013
(71) JFE Steel Corporation (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009786-1 2.1**
(22) 22/04/2013
(71) Antonio Vasco de Oliveira Magalhães Teles (BR/SC) , Silvio Crespin (BR/SC)
(74) Maria Aparecida Pereira Gonçalves

(21) **BR 10 2013 009814-0 2.1**
(22) 22/04/2013
(71) Deere & Company (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 009824-8 2.1**
(22) 22/04/2013
(71) Delphi Technologies, Inc. (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 009830-2 2.1**
(22) 22/04/2013
(71) Kabushiki Kaisha Yaskawa Denki (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009838-8 2.1**
(22) 22/04/2013
(71) Aktiebolaget SKF (SE)
(74) Luiz Leonardos & Cia - Propriedade Itelectual

(21) **BR 10 2013 009839-6 2.1**
(22) 22/04/2013
(71) Canon Kabushiki Kaisha (JP)
(74) Luiz Leonardos & Cia - Propriedade Itelectual

(21) **BR 10 2013 009846-9 2.1**
(22) 22/04/2013
(71) Apple Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009847-7 2.1**
(22) 22/04/2013
(71) Irwin Industrial Tool Company (US)
(74) Patricia Franco

(21) **BR 10 2013 009851-5 2.1**
(22) 22/04/2013
(71) Selex ES S.P.A. (IT)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009859-0 2.1**
(22) 22/04/2013
(71) Tube-Mac Industries, Ltd. (CA)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009983-0 2.1**
(22) 24/04/2013
(71) The Boeing Company (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009987-2 2.1**
(22) 24/04/2013
(71) Johnson & Johnson Vision Care , INC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 009989-9 2.1**
(22) 24/04/2013
(71) Hamilton Sundstrand Corporation (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 009990-2 2.1**
(22) 24/04/2013
(71) Manitowoc Crane Group France SAS (FR)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010010-2 2.1**
(22) 24/04/2013
(71) Thales (FR)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010011-0 2.1**
(22) 24/04/2013
(71) Sumitomo Chemical Company, Limited (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010188-5 2.1**
(22) 26/04/2013
(71) Hitachi, LTD. (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010307-1 2.1**
(22) 26/04/2013
(71) Air Liquide Advanced Technologies U.S. LLC (US)
(74) Orlando de Souza

(21) **BR 10 2013 010344-6 2.1**
(22) 26/04/2013
(71) Kabushiki Kaisha Yaskawa Denki (JP)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010356-0 2.1**
(22) 26/04/2013
(71) Goodrich Corporation (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010365-9 2.1**
(22) 26/04/2013
(71) Rohm And Haas Company (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010387-0 2.1**
(22) 26/04/2013
(71) Cedes AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010421-3 2.1**
(22) 29/04/2013
(71) Aparecida Sandra Gomes Zambroni (BR/RJ)
(74) Claudemir Monteiro Silva

(21) **BR 10 2013 010422-1 2.1**
(22) 29/04/2013
(71) Aparecida Sandra Gomes Zambroni (BR/RJ)
(74) CLAUDEMIR MONTEIRO SILVA

(21) **BR 10 2013 010486-8 2.1**
(22) 29/04/2013
(71) Draka Comteq BV (NL)
(74) Nellie D Shores

(21) **BR 10 2013 010540-6 2.1**
(22) 29/04/2013
(71) Apple Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010550-3 2.1**
(22) 29/04/2013
(71) SMS Meer Gmbh (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010555-4 2.1**
(22) 29/04/2013
(71) Haynes International, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010565-1 2.1**
(22) 29/04/2013
(71) Hamilton Sundstrand Space Systems International, Inc. (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010578-3 2.1**
(22) 29/04/2013
(71) Oerlikon Textile Gmbh & Co. KG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010582-1 2.1**
(22) 29/04/2013
(71) FMT International Trade AB (SE)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010681-0 2.1**
(22) 30/04/2013
(71) Cheminova A/S (DK)
(74) Di Blasi, Parente & Ass. Prop. Ind. Ltda

(21) **BR 10 2013 010717-4 2.1**
(22) 30/04/2013
(71) Comau S.P.A. (IT)
(74) Luiz Leonardos & Cia - Propriedade Itelectual

(21) **BR 10 2013 010744-1 2.1**
(22) 30/04/2013
(71) Deere & Company (US)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **BR 10 2013 010770-0 2.1**
(22) 30/04/2013
(71) Global Battery Co., Ltd (KR)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010787-5 2.1**
(22) 30/04/2013
(71) Siemens Aktiengesellschaft (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **BR 10 2013 010999-1 2.1**
(22) 03/05/2013
(71) VANGUARDA REFRATÁRIOS ESPECIAIS LTDA (BR/SP)
(74) VILAGE MARCAS E PATENTES LTDA

(21) **BR 10 2013 011122-8 2.1**
(22) 06/05/2013
(71) Evoluções Energia Ltda (BR/MA)

(21) **BR 10 2013 011126-0 2.1**
(22) 06/05/2013
(71) UNIVERSIDADE ESTADUAL DE CAMPINAS (BR/SP)
(74) FERNANDA LAVRAS CONTALLAT SILVADO

(21) **BR 10 2013 011128-7 2.1**
(22) 06/05/2013
(71) FEMPTEC - Fundacao de Empreendimentos, Pesquisa e Desenvolvimento Institucional, Cientifico e Tecnologico do Rio de Janeiro (BR/RJ) , INSTITUTO VITAL BRAZIL (BR/RJ)
(74) Veirano e Advogados Associados

(21) **BR 10 2013 011131-7 2.1**
(22) 06/05/2013
(71) FUNDAÇÃO VALEPARAIBANA DE ENSINO - FVE (BR/SP)
(74) VEIRANO ADVOGADOS

(21) **BR 10 2013 012425-7 2.1**
(22) 20/05/2013
(71) GENERAL ELECTRIC COMPANY (US)
(74) JULIANO RYOTA MURAKAMI

(21) **BR 10 2013 016278-7 2.1**
(22) 25/06/2013
(71) JOHNSON & JOHNSON VISION CARE, INC. (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 016528-0 2.1**
(22) 26/06/2013
(71) THERMOSYSTEM INDÚSTRIA ELETRO ELETRÔNICA LTDA (BR/SC)
(74) EDEMAR SOARES ANTONINI

(21) **BR 10 2013 027723-1 2.1**
(22) 29/10/2013
(71) FRANCISCO JOSÉ DE QUEIROZ ORLANDA (BR/SP)
(74) VILAGE MARCAS E PATENTES LTDA

(21) **BR 10 2013 028053-4 2.1**
(22) 31/10/2013
(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (JP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028054-2 2.1**
(22) 31/10/2013
(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (JP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028066-6 2.1**
(22) 31/10/2013

(71) Cícero Fiedler (BR/SC) , Paulo Eduardo Fritzsche (BR/SC)
(74) Sandro Conrado da Silva

(21) **BR 10 2013 028067-4 2.1**
(22) 31/10/2013
(71) Cícero Fiedler (BR/SC) , Paulo Eduardo Fritzsche (BR/SC)
(74) Sandro Conrado da Silva

(21) **BR 10 2013 028108-5 2.1**
(22) 31/10/2013
(71) JOÃO CARLOS FADEL (BR/PR) , RAFAEL WOLF (BR/PR)
(74) EDUARDO PEREIRA DA SILVA

(21) **BR 10 2013 028198-0 2.1**
(22) 01/11/2013
(71) HONDA MOTOR CO., LTD. (JP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028200-6 2.1**
(22) 01/11/2013
(71) SCHENCK ROTEC GMBH (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028223-5 2.1**
(22) 01/11/2013
(71) IMS GEAR GMBH (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028225-1 2.1**
(22) 01/11/2013
(71) XEROX CORPORATION (US)
(74) CITY PATENTES E MARCAS LTDA.

(21) **BR 10 2013 028245-6 2.1**
(22) 01/11/2013
(71) JORGE GABRIELLI ZACHARIAS CALIXTO (BR/SP)
(74) Antonio Mauricio Pedras Arnaud

(21) **BR 10 2013 028247-2 2.1**
(22) 01/11/2013
(71) UNIVERSIDADE FEDERAL DE SANTA CATARINA (BR/SC)
(74) Antonio Mauricio Pedras Arnaud

(21) **BR 10 2013 028259-6 2.1**
(22) 01/11/2013
(71) LES LABORATOIRES SERVIER (FR)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028270-7 2.1**
(22) 01/11/2013
(71) VALTRA DO BRASIL LTDA. (BR/SP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028291-0 2.1**
(22) 01/11/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES

(21) **BR 10 2013 028305-3 2.1**
(22) 01/11/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES

(21) **BR 10 2013 028335-5 2.1**
(22) 01/11/2013
(71) Jeferson Gonçalves (BR/RS)

(21) **BR 10 2013 028336-3 2.1**
(22) 02/11/2013
(71) MARLON FERNANDES GONÇALVES (BR/MG)

(21) **BR 10 2013 028338-0 2.1**
(22) 04/11/2013
(71) NIDEC MOTOR CORPORATION (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028347-9 2.1**
(22) 04/11/2013
(71) NIDEC MOTOR CORPORATION (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028409-2 2.1**
(22) 04/11/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES

(21) **BR 10 2013 028432-7 2.1**
(22) 04/11/2013
(71) COMPANHIA PIRATININGA DE FORÇA E LUZ (BR/SP) , FUNDAÇÃO UNIVERSIDADE FEDERAL DE SÃO CARLOS - UFSCAR (BR/SP)
(74) DI BLASI, PARENTE & ASSOCIADOS PROPRIEDADE INDUSTRIAL LTDA

(21) **BR 10 2013 028446-7 2.1**
(22) 05/11/2013
(71) TGM Máquinas e Equipamentos Ltda (BR/SC)
(74) Sandro Conrado da Silva

(21) **BR 10 2013 028454-8 2.1**
(22) 05/11/2013
(71) PAULO ROBERTO HINZ (BR/RJ)
(74) VILAGE MARCAS E PATENTES LTDA

(21) **BR 10 2013 028469-6 2.1**
(22) 05/11/2013
(71) MARIO CAMPOS PETROSKI (BR/SP)
(74) P. A. PRODUTORES ASSOCIADOS MARCAS E PATENTES LTDA.

(21) **BR 10 2013 028472-6 2.1**
(22) 05/11/2013
(71) FUNDACAO CPQD - CENTRO DE PESQUISA E DESENVOLVIMENTO EM TELECOMUNICACOES (BR/SP)
(74) Ana Lúcia Forni Poppi

(21) **BR 10 2013 028473-4 2.1**
(22) 05/11/2013
(71) NIDEC MOTOR CORPORATION (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 20 2012 006794-9 2.1**
(22) 27/03/2012
(71) Norma Souza Sampaio da Silva (BR/BA)
(74) Bransnorte Marcas e Patentes Ltda

(21) **BR 20 2012 011841-1 2.1**
(22) 17/05/2012
(71) Francisco José de Queiroz Orlanda (BR/SP)
(74) Vilage Marcas & Patentes S/S Ltda

(21) **BR 20 2012 012726-7 2.1**
(22) 28/05/2012
(71) Fockink Indústrias Elétricas Ltda (BR/RS)
(74) Mara Regina Nikitenko Jagmin

(21) **BR 20 2012 013243-0 2.1**
(22) 01/06/2012
(71) CONLUMI INDUSTRIA E COMERCIO DE VIDROS LTDA (BR/SP)
(74) SUELI GALVES GOMES

(21) **BR 20 2012 013786-6 2.1**
(22) 08/06/2012
(71) Antonio Paulo Nodari (BR/RS)
(74) Acerti - Marcas e Patentes Ltda.

(21) **BR 20 2012 014081-6 2.1**
(22) 11/06/2012
(71) Jac Products Europe GMBH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **BR 20 2012 015045-5 2.1**
(22) 19/06/2012
(71) Denise de Moraes Coutinho (BR/SC)

(21) **BR 20 2012 025300-9 2.1**
(22) 04/10/2012
(71) Luiz Eduardo Kersten (BR/RJ)

(21) **BR 20 2013 027435-1 2.1**
(22) 24/10/2013
(71) Iremar Prada Ramos (BR/SP)
(74) LEAL MARCAS E PATENTES EIRELI

(21) **BR 20 2013 027613-3 2.1**
(22) 25/10/2013
(71) JOSE LUIS SANDE GOIRIZ (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA

(21) **BR 20 2013 027617-6 2.1**
(22) 25/10/2013
(71) JOSE LUIS SANDE GOIRIZ (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA

(21) **BR 20 2013 027636-2 2.1**
(22) 25/10/2013
(71) OSMAR DA SILVA AMORIM JUNIOR (BR/SP) , ITAMAR SARTO VIEIRA (BR/PR) , GUSTAVO TORRES GIMENES NUNES (BR/SP)
(74) P. A. PRODUTORES ASSOCIADOS MARCAS E PATENTES LTDA.

(21) **BR 20 2013 027639-7 2.1**
(22) 25/10/2013
(71) INSLAB COMÉRCIO E INSTALAÇÃO DE LABORATÓRIO LTDA EPP (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA

(21) **BR 20 2013 027690-7 2.1**
(22) 28/10/2013
(71) GILBERTO LUIZ ZANETTE (BR/SC)
(74) DMARK REGISTROS DE MARCAS E PATENTES S/S LTDA

(21) **BR 20 2013 027692-3 2.1**
(22) 28/10/2013
(71) PISANI PLÁSTICOS S.A. (BR/RS)
(74) SKO OYARZABAL MARCAS E PATENTES S/S LTDA

(21) **BR 20 2013 027709-1 2.1**
(22) 29/10/2013
(71) ROBERTO ARLINDO AULER (BR/RS) , MATHIAS GEHRKE (BR/RS)
(74) MARCA BRAZIL MARCAS E PATENTES LTDA

(21) **BR 20 2013 027711-3 2.1**
(22) 29/10/2013
(71) Edson Alves da Silva (BR/SP)
(74) LEAL MARCAS E PATENTES EIRELI

(21) **BR 20 2013 027866-7 2.1**
(22) 29/10/2013
(71) Bruno Pisching (BR/RS)
(74) LEAL MARCAS E PATENTES EIRELI

(21) **BR 20 2013 027879-9 2.1**
(22) 29/10/2013
(71) 3M INNOVATIVE PROPERTIES COMPANY (US)
(74) DI BLASI, PARENTE & ASSOCIADOS PROPRIEDADE INDUSTRIAL LTDA

(21) **BR 20 2013 027904-3 2.1**
(22) 29/10/2013
(71) Celso Antonio Avancini Junior ME (BR/SP)
(74) Ivo Ribeiro Viana

(21) **BR 20 2013 028020-3 2.1**
(22) 30/10/2013
(71) ELOI FRITZEN (BR/SC)
(74) ACERTI - MARCA E PATENTES LTDA.

(21) **BR 20 2013 028041-6 2.1**
(22) 30/10/2013
(71) PASCHOAL GUZZARDI NETO (BR/SP)
(74) M C ARAÚJO CONSULTORIA EM PROPRIEDADE INDUSTRIAL LTDA.

(21) **BR 20 2013 028065-3 2.1**
(22) 31/10/2013
(71) Valdemiro Zanotti (BR/SC)
(74) Sandro Conrado da Silva

(21) **BR 20 2013 028106-4 2.1**
(22) 31/10/2013
(71) RAFAEL LUIS MOLON (BR/BA)
(74) ACERTI - MARCA E PATENTES LTDA.

(21) **BR 20 2013 028193-5 2.1**
(22) 31/10/2013
(71) DANIEL CAVALLI (BR/RS)
(74) Luiz Fernando Campos Stock

(21) **BR 20 2013 028195-1 2.1**
(22) 31/10/2013
(71) NAUTOS INDÚSTRIA METALÚRGICA LTDA (BR/RS)
(74) MARCA BRAZIL MARCAS E PATENTES LTDA

(21) **BR 20 2013 028204-4 2.1**
(22) 01/11/2013
(71) REGINALDO DE CORDOVA (BR/SC)
(74) Anel Marcas e Patentes

(21) **BR 20 2013 028227-3 2.1**
(22) 01/11/2013
(71) DANIEL CAVALLI (BR/RS)

(74) Luiz Fernando Campos Stock

(21) **PI 1105417-4** **2.1**
(22) 19/12/2011
(71) RENEMAQ COMERCIO E ASSISTENCIA TECNICA LTDA ME (BR/SP)

(21) **PI 1105423-9** **2.1**
(22) 18/01/2011
(71) Baxter International Inc (US) , Baxter Healthcare S.A. (CH) , Cornell University (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 1105429-8** **2.1**
(22) 18/01/2011
(71) Stork Prints America, Inc. (US)
(74) Flávia Salim Lopes

(21) **PI 1105433-6** **2.1**
(22) 05/01/2011
(71) Francisco Elísio Simões Beltrão (BR/PR)

(21) **PI 1105442-5** **2.1**
(22) 22/09/2011
(71) Deere & Company (US)
(74) Momsen, Leonardo & CIA

(21) **PI 1105453-0** **2.1**
(22) 29/09/2011
(71) Logined B.V. (NL)
(74) Walter de Almeida Martins

(21) **PI 1105508-1** **2.1**
(22) 23/11/2011
(71) Renato de Queiroz Silva (BR/RJ) , Eduardo Fellipe dos Santos Silva (BR/RJ)
(74) Tavares Propriedade Intelectual Ltda

(21) **PI 1105514-6** **2.1**
(22) 23/11/2011
(71) O2 Micro, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1105524-3** **2.1**
(22) 16/11/2011
(71) Audio Technica U.S., Inc. (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 1105649-5** **2.1**
(22) 21/11/2011
(71) Maschinenfabrik Rieter AG (CH)
(74) Bhering Advogados

(21) **PI 1105650-9** **2.1**
(22) 24/11/2011
(71) NCR Corporation (US)
(74) Nellie Anne Daniel-Shores

(21) **PI 1105651-7** **2.1**
(22) 24/11/2011
(71) Grammer AG (DE)
(74) Vieira de Mello Advogados

(21) **PI 1105652-5** **2.1**
(22) 24/11/2011
(71) Kabushiki Kaisha Ashida Seisakusho (JP)
(74) Walter de Almeida Martins

(21) **PI 1107189-3** **2.1**
(22) 05/12/2011
(71) Valmeron Martins (BR/RS) , Pedro Jonas Koerich (BR/SC)
(74) Mara Regina Nikitenko Jagmin

2.4 NOTIFICAÇÃO DE DEPÓSITO DO PEDIDO DIVIDIDO - ART 26 INCISO I DA LPI

(21) **BR 12 2012 010681-0** A2 **2.4**
(22) 06/05/2009
(62) PI 0912776-3 06/05/2009
(71) Haws Corporation (US)
(74) PAULO C. OLIVEIRA & CIA
Por ser considerado no ato do protocolo estar na mesma fase processual de seu inicial (PI 0912776-3) o pedido dividido passa a conter todos os despachos atribuídos àquele nas RPI's anteriores à data de entrada deste dividido, cfe. legislação vigente.

(21) **BR 12 2013 000251-0** A2 **2.4**
(22) 30/04/1999
(62) PI 9910258-7 30/04/1999
(71) Qualcomm Incorporated (US)
(74) MMV Agentes da Propriedade Industrial
Por ser considerado no ato do protocolo estar na mesma fase processual de seu inicial (PI 9910258-7) o pedido dividido passa a conter todos os despachos atribuídos àquele nas RPI's anteriores à data de entrada deste dividido, cfe. legislação vigente.

(21) **BR 12 2013 000252-9** A2 **2.4**
(22) 30/04/1999
(62) PI 9910258-7 30/04/1999
(71) Qualcomm Incorporated (US)
(74) MMV Agentes da Propriedade Industrial
Por ser considerado no ato do protocolo estar na mesma fase processual de seu inicial (PI 9910258-7) o pedido dividido passa a conter todos os despachos atribuídos àquele nas RPI's anteriores à data de entrada deste dividido, cfe. legislação vigente.

(21) **BR 12 2013 003626-1** A2 **2.4**
(22) 25/02/1999
(62) PI 9909238-7 25/02/1999
(71) United Video Properties, Inc (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Por ser considerado no ato do protocolo estar na mesma fase processual de seu inicial (PI 9909238-7) o pedido dividido passa a conter todos os despachos atribuídos àquele nas RPI's anteriores à data de entrada deste dividido, cfe. legislação vigente.

(21) **BR 12 2013 024327-5** A2 **2.4**
(22) 16/02/1999
(62) PI 9909257-3 16/02/1999
(71) Dow Agrosciences LLC (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Por ser considerado no ato do protocolo estar na mesma fase processual de seu inicial (PI 9909257-3) o pedido dividido passa a conter todos os despachos atribuídos àquele nas RPI's anteriores à data de entrada deste dividido, cfe. legislação vigente.

(21) **BR 12 2013 025734-9** A2 **2.4**
(22) 08/12/1999
(62) PI 9916069-2 08/12/1999
(71) Bayer Corporation (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Por ser considerado no ato do protocolo estar na mesma fase processual de seu inicial (PI 9916069-2) o pedido dividido passa a conter todos os despachos atribuídos àquele nas RPI's anteriores à data de entrada deste dividido, cfe. legislação vigente.

2.5 EXIGÊNCIA - ART. 21 DA LPI

(21) **BR 10 2012 007437-0** **2.5**
(22) 02/04/2012
(71) Fenando Celso Fernandes (BR/MG) , Leonardo Bastos Avila (BR/MG) , Marcello Phelipe Capotorto De Mello (BR/MG)

(21) **BR 10 2012 007763-9** **2.5**
(22) 04/04/2012
(71) Instituto Federal de Eduacação, Ciência e Tecnologia da Bahia - IFBA (BR/BA)

(21) **BR 10 2012 008304-3** **2.5**
(22) 05/03/2012
(71) FLAVIA APARECIDA AMARAL BALDASSO (BR/SP)

(21) **BR 10 2012 008308-6** **2.5**
(22) 05/03/2012
(71) FLAVIA APARECIDA AMARAL BALDASSO (BR/SP)

(21) **BR 10 2012 015348-3** **2.5**
(22) 22/06/2012
(71) CARLOS EDUARDO GONÇALVES CASTRO (BR/SP)

(21) **BR 10 2012 016394-2** **2.5**
(22) 02/07/2012
(71) Suominen Corporation (FI)
(74) Guilherme de Mattos Abrantes

(21) **BR 10 2012 019869-0** **2.5**
(22) 08/08/2012
(71) Túlio Pires Oliveira (BR/MG) , Eric Renan Bandeira de Melo (BR/MG)

(21) **BR 10 2012 021724-4** **2.5**
(22) 24/08/2012
(71) Prad Research and Development Limited (GB)
(74) Walter de Almeida Martins

(21) **BR 10 2012 028002-7** **2.5**
(22) 31/10/2012
(71) Universidade Federal de Minas Gerais (BR/MG)

(21) **BR 10 2012 030215-2** **2.5**
(22) 28/11/2012
(71) SERGIO APARECIDO BARBOSA (BR/SP) , DANIEL HENRIQUE DE LIMA (BR/SP)
(74) MODAL MARCAS E PATENTES LTDA

(21) **BR 10 2012 032356-7** **2.5**
(22) 18/12/2012
(71) Regis Chystian da Silva (BR/SC)
(74) Nilvan Paulo Minguranse

(21) **BR 10 2012 032476-8** **2.5**
(22) 19/12/2012
(71) Universidade Federal de Minas Gerais (BR/MG) , Fiocruz - Centro de Pequisas René Rachou (BR/MG) , Fundação de Amparo á Pesquisa do Estado de Minas Gerais - FAPEMIG (BR/MG)

(21) **BR 10 2012 032929-8** **2.5**
(22) 21/12/2012
(71) CAIO HENRIQUE FERRARI PAVANI (BR/SP)
(74) MODAL MARCAS E PATENTES LTDA

(21) **BR 10 2012 033807-6** **2.5**
(22) 28/12/2012
(71) Instituto Nacional de Pesquisas da Amazônia - INPA (BR/AM) , Universidade Federal do Ceará (BR/CE)
(74) Ricardo Amaral Remer

(21) **BR 10 2012 033810-6** **2.5**
(22) 28/12/2012
(71) Claudio Cerqueira Lopes (BR/RJ)
(74) Ricardo Amaral Remer

(21) **BR 10 2013 000009-4** **2.5**
(22) 02/01/2013
(71) MARIANA PERRELLA IZIDORIO (BR/SP)

(21) **BR 10 2013 005415-1** **2.5**
(22) 06/03/2013
(71) Marcos Bonatto (BR/PR) , Marcos Bonatto (BR/PR) , Emilio Augusto Pereira (BR/PR)

(21) **BR 10 2013 005728-2** **2.5**
(22) 11/03/2013
(71) Universidade Federal do Espírito Santo - Ufes (BR/ES)

(21) **BR 10 2013 005778-9** **2.5**
(22) 11/03/2013
(71) Alcobering Ind. e Com. de Revestimento de Sementes Ltda. (BR/GO)
(74) Aureolino Pinto das Neves

(21) **BR 10 2013 005833-5** **2.5**
(22) 12/03/2013
(71) JOSÉ DE BRITO (BR/SP)

(21) **BR 10 2013 006068-2** **2.5**
(22) 14/03/2013
(71) LARRY ANICETO (BR/SP)

(21) **BR 10 2013 007233-8** **2.5**
(22) 27/03/2013
(71) Roney Lopes do Nascimento (BR/BA)

(21) **BR 10 2013 007890-5** **2.5**
(22) 02/04/2013
(71) Antônio Maurício Sales Cysne (BR/CE)

(21) **BR 10 2013 008311-9** **2.5**

(22) 05/04/2013
(71) Universidade Federal do Rio Grande do Sul (BR/RS)

(21) **BR 10 2013 008922-2 2.5**
(22) 12/04/2013
(71) Sergio Gomes Martins (BR/DF)

(21) **BR 10 2013 009102-2 2.5**
(22) 15/04/2013
(71) Valdecy Horácio de Campos (BR/RJ)

(21) **BR 10 2013 009115-4 2.5**
(22) 15/04/2013
(71) CENTRUM REHABILITACJI ZDROWIE (PL)
(74) EMILIO COLLADO LOPES

(21) **BR 10 2013 009773-0 2.5**
(22) 22/04/2013
(71) Guilherme Torres Ribeiro (BR/RJ)
(74) Camila Elpes Costa

(21) **BR 10 2013 009775-6 2.5**
(22) 22/04/2013
(71) Marcelo Eduardo Moraes dos Santos (BR/RJ)

(21) **BR 10 2013 010961-4 2.5**
(22) 03/05/2013
(71) JOANNIS PANAYOTE DAMILAKOS (BR/SP)
(74) ALCIDES RIBEIRO FILHO

(21) **BR 10 2013 011027-2 2.5**
(22) 03/05/2013
(71) ROSEMOUNT AEROSPACE INC. (US)
(74) DAVID DO NASCIMENTO ADVOGADOS ASSOCIADOS

(21) **BR 10 2013 011036-1 2.5**
(22) 03/05/2013
(71) 3M INNOVATIVE PROPERTIES COMPANY (US)
(74) CARINA S RODRIGUES

(21) **BR 10 2013 011140-6 2.5**
(22) 06/05/2013
(71) KNAUF INDUSTRIES GESTION (FR)
(74) ARTUR FRANCISCO SCHAAL

(21) **BR 10 2013 024117-2 2.5**
(22) 06/09/2013
(71) UNIVERSIDADE FEDERAL DO PARÁ (BR/PA)

(21) **BR 10 2013 028045-3 2.5**
(22) 31/10/2013
(71) PGS GEOPHYSICAL AS (NO)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

(21) **BR 10 2013 028189-1 2.5**
(22) 31/10/2013
(71) MB3 INFORMÁTICA LTDA EPP (BR/SP)
(74) MODAL MARCAS E PATENTES LTDA

(21) **BR 10 2013 028379-7 2.5**
(22) 04/11/2013
(71) MVC COMPONENTES PLÁSTICOS LTDA (BR/PR)
(74) CAPELLA E VELOSO ADVOGADOS ASSOCIADOS

(21) **BR 10 2013 028439-4 2.5**
(22) 04/11/2013
(71) JOEL ALEXANDRE MARTINS (BR/SC)
(74) NILVAN PAULO MINGURANSE

(21) **BR 10 2013 028460-2 2.5**
(22) 05/11/2013
(71) George Rodrigues Queiroz (BR/GO)

(21) **BR 20 2012 006815-5 2.5**
(22) 27/03/2012
(71) Alpargatas S.A. (BR/SP)
(74) Murta Goyanes Advogados

(21) **BR 20 2012 011025-9 2.5**
(22) 10/05/2012
(71) Rosa Nair Medeiros Ribeiro (BR/RJ)

(21) **BR 20 2012 011029-1 2.5**
(22) 10/05/2012
(71) Alexandre Abdalla Palis Junior (BR/MG)
(74) Fabiano Maia Rocco

(21) **BR 20 2012 011871-3 2.5**
(22) 18/05/2012
(71) Fernando Antonio Carvalho Mesquita (BR/RJ)
(74) Pedrolina Almeida Carvalho

(21) **BR 20 2012 014132-4 2.5**
(22) 12/06/2012
(71) Telmo Tadeu Lopes (BR/RS)

(21) **BR 20 2013 027678-8 2.5**
(22) 28/10/2013
(71) Marcelo Campos Candeira (BR/DF)

(21) **BR 20 2013 027752-0 2.5**
(22) 29/10/2013
(71) Odeme Equipamentos Médicos e Odontológicos Ltda ME (BR/SC)

(21) **BR 20 2013 027886-1 2.5**
(22) 29/10/2013
(71) NELSON STIEVEN (BR/SC)
(74) ELIANE DUZ

(21) **PI 1001432-2 2.5**
(22) 07/05/2010
(71) Julio Gioppo Sobrinho (BR/SP)
(74) Mauro Braga Assessoria Empresarial Ltda

(21) **PI 1105478-6 2.5**
(22) 11/11/2011
(71) Instituto Nacional de Metrologia, Qualidade e Tecnologia - Inmetro (BR/RJ)
(74) Paulo José Soler Teixeira dos Santos

2.7 REPUBLICAÇÃO(*)

(21) **BR 10 2012 025551-0 2.7**
(22) 05/10/2012
(71) MAHLE - METAL LEVE S/A (BR/SP) , MAHLE INTERNATIONAL GMBH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
REFERENTE À RPI 2222, DE 06/08/13, CÓD. DE DESPACHO 2.5, QUANTO AO NOME DO DEPOSITANTE (71)

2.10 REQUERIMENTO DE PEDIDO DE PATENTE OU CERTIFICADO DE ADIÇÃO DE INVENÇÃO

(21) **BR 10 2013 032256-3 2.10**
(22) 16/12/2013
(71) THE GOODYEAR TIRE & RUBBER COMPANY (US)
(74) Nellie Daniel Shores
Número de Protocolo 860130010401 em 16/12/2013 11:43(WB).

(21) **BR 10 2013 032263-6 2.10**
(22) 16/12/2013
(71) PLÁSTICOS POLYVIG LTDA (BR/SP)
(74) JOSÉ EDIS RODRIGUES
Número de Protocolo 860130010408 em 16/12/2013 12:26(WB).

(21) **BR 10 2013 032271-7 2.10**
(22) 16/12/2013
(71) MEI, Inc. (US)
(74) GUERRA PROPRIEDADE INDUSTRIAL
Número de Protocolo 860130010416 em 16/12/2013 01:30(WB).

(21) **BR 10 2013 032275-0 2.10**
(22) 16/12/2013
(71) NEXANS (FR) , BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010426 em 16/12/2013 02:16(WB).

(21) **BR 10 2013 032277-6 2.10**
(22) 16/12/2013
(71) OLAVO SANTILLI EKMAN SIMÕES (BR/SP)
(74) VILAGE MARCAS E PATENTES LTDA
Número de Protocolo 860130010432 em 16/12/2013 02:33(WB).

(21) **BR 10 2013 032281-4 2.10**
(22) 16/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010437 em 16/12/2013 02:41(WB).

(21) **BR 10 2013 032284-9 2.10**
(22) 16/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010439 em 16/12/2013 02:46(WB).

(21) **BR 10 2013 032296-2 2.10**
(22) 16/12/2013
(71) THE GOODYEAR TIRE & RUBBER COMPANY (US)
(74) Nellie Daniel Shores
Número de Protocolo 860130010458 em 16/12/2013 03:16(WB).

(21) **BR 10 2013 032327-6 2.10**
(22) 16/12/2013
(71) DEPUY SYNTHES PRODUCTS, LLC (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010480 em 16/12/2013 04:04(WB).

(21) **BR 10 2013 032395-0 2.10**
(22) 16/12/2013
(71) HYPERMARCAS S.A. (BR/SP)
(74) Katia Jane Ferreira Evangelista
Número de Protocolo 860130010511 em 16/12/2013 05:31(WB).

(21) **BR 10 2013 032402-7 2.10**
(22) 17/12/2013
(71) Roberto Francisco Schlesinger Birindelli (BR/RJ)
(74) PAP MARCAS E PATENTES LTDA
Número de Protocolo 860130010526 em 17/12/2013 10:20(WB).

(21) **BR 10 2013 032405-1 2.10**
(22) 17/12/2013
(71) LES LABORATOIRES SERVIER (FR)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010527 em 17/12/2013 10:50(WB).

(21) **BR 10 2013 032406-0 2.10**
(22) 17/12/2013
(71) INTEL CORPORATION (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010528 em 17/12/2013 10:51(WB).

(21) **BR 10 2013 032413-2 2.10**
(22) 17/12/2013
(71) FUNDACAO CPQD - CENTRO DE PESQUISA E DESENVOLVIMENTO EM TELECOMUNICACOES (BR/SP)
(74) Ana Lúcia Forni Poppi
Número de Protocolo 860130010542 em 17/12/2013 11:52(WB).

(21) **BR 10 2013 032431-0 2.10**
(22) 17/12/2013
(71) BRASILATA S/A EMBALAGENS METÁLICAS (BR/SP)
(74) Antonio Mauricio Pedras Arnaud
Número de Protocolo 860130010561 em 17/12/2013 02:01(WB).

(21) **BR 10 2013 032435-3 2.10**
(22) 17/12/2013
(71) MAN TRUCK & BUS AG (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010571 em 17/12/2013 02:21(WB).

(21) **BR 10 2013 032438-8 2.10**
(22) 17/12/2013
(71) VALTRA DO BRASIL LTDA. (BR/SP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010574 em 17/12/2013 02:37(WB).

(21) **BR 10 2013 032445-0 2.10**
(22) 17/12/2013
(71) SIEMENS AKTIENGESELLSCHAFT (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192

Número de Protocolo 860130010580 em 17/12/2013 02:53(WB).

(21) **BR 10 2013 032457-4 2.10**
(22) 17/12/2013
(71) SCHNEIDER ELECTRIC INDUSTRIES SAS (FR)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010595 em 17/12/2013 03:17(WB).

(21) **BR 10 2013 032474-4 2.10**
(22) 17/12/2013
(71) STM-COMÉRCIO DE COBERTURAS LTDA. EPP (BR/SP)
(74) BRITANIA MARCAS E PATENTES LTDA
Número de Protocolo 860130010609 em 17/12/2013 03:41(WB).

(21) **BR 10 2013 032481-7 2.10**
(22) 17/12/2013
(71) ANSELMO DE SOUZA PEREIRA (BR/RJ)
(74) VILAGE MARCAS E PATENTES LTDA
Número de Protocolo 860130010617 em 17/12/2013 03:47(WB).

(21) **BR 10 2013 032489-2 2.10**
(22) 17/12/2013
(71) DJALMA LUIZ RODRIGUES (BR/SP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010624 em 17/12/2013 04:00(WB).

(21) **BR 10 2013 032562-7 2.10**
(22) 17/12/2013
(71) Dr. Ing. h.c. F. Porsche Aktiengesellschaft (DE)
(74) Licks Advogados
Número de Protocolo 860130010637 em 17/12/2013 05:03(WB).

(21) **BR 10 2013 032563-5 2.10**
(22) 17/12/2013
(71) Dr. Ing. h.c. F. Porsche Aktiengesellschaft (DE)
(74) Licks Advogados
Número de Protocolo 860130010638 em 17/12/2013 05:06(WB).

(21) **BR 10 2013 032565-1 2.10**
(22) 17/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010640 em 17/12/2013 05:14(WB).

(21) **BR 10 2013 032568-6 2.10**
(22) 17/12/2013
(71) SYMRISE AG (DE)
(74) DI BLASI, PARENTE & ASSOCIADOS PROPRIEDADE INDUSTRIAL LTDA
Número de Protocolo 860130010644 em 17/12/2013 06:03(WB).

(21) **BR 10 2013 032573-2 2.10**
(22) 18/12/2013
(71) OPTOS PLC (GB)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010662 em 18/12/2013 08:44(WB).

(21) **BR 10 2013 032576-7 2.10**
(22) 18/12/2013
(71) TNA AUSTRALIA PTY LIMITED (AU)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010665 em 18/12/2013 09:20(WB).

(21) **BR 10 2013 032593-7 2.10**
(22) 18/12/2013
(71) ASSOCIAÇÃO SÃO BENTO DE ENSINO (BR/SP)
(74) VILAGE MARCAS E PATENTES LTDA
Número de Protocolo 860130010695 em 18/12/2013 11:20(WB).

(21) **BR 10 2013 032634-8 2.10**
(22) 18/12/2013
(71) CCF INDÚSTRIA DE COMPONENTES AUTOMOTIVOS LTDA - ME (BR/RS)
(74) GUERRA PROPRIEDADE INDUSTRIAL
Número de Protocolo 860130010745 em 18/12/2013 03:26(WB).

(21) **BR 10 2013 032642-9 2.10**
(22) 18/12/2013
(71) JOSÉ LADISLAU PIEKARSKI (BR/PR)
(74) BRASIL SUL MARCAS E PATENTES SC LTDA
Número de Protocolo 860130010758 em 18/12/2013 03:46(WB).

(21) **BR 10 2013 032647-0 2.10**
(22) 18/12/2013
(71) EDISON DE FARIA PILATI JUNIOR (BR/PR)
(74) EDUARDO PEREIRA DA SILVA
Número de Protocolo 860130010761 em 18/12/2013 04:00(WB).

(21) **BR 10 2013 032677-1 2.10**
(22) 18/12/2013
(71) DOW AGROSCIENCES LLC (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010778 em 18/12/2013 04:34(WB).

(21) **BR 10 2013 032689-5 2.10**
(22) 18/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010781 em 18/12/2013 04:48(WB).

(21) **BR 10 2013 032694-1 2.10**
(22) 18/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010783 em 18/12/2013 04:52(WB).

(21) **BR 10 2013 032695-0 2.10**
(22) 18/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010784 em 18/12/2013 04:56(WB).

(21) **BR 10 2013 032698-4 2.10**
(22) 18/12/2013
(71) Whirlpool S.A. (BR/SP)
(74) CARINA S RODRIGUES
Número de Protocolo 860130010788 em 18/12/2013 05:06(WB).

(21) **BR 10 2013 032699-2 2.10**
(22) 18/12/2013
(71) Gilberto Martins (BR/SC) , Messias Gelati (BR/SC)
(74) Sandro Conrado da Silva
Número de Protocolo 860130010790 em 18/12/2013 05:11(WB).

(21) **BR 10 2013 032701-8 2.10**
(22) 18/12/2013
(71) Gerson Flávio De Col (BR/SC)
(74) ELIANE DUZ
Número de Protocolo 860130010792 em 18/12/2013 05:12(WB).

(21) **BR 10 2013 032705-0 2.10**
(22) 18/12/2013
(71) CANON KABUSHIKI KAISHA (JP)
(74) LUIZ LEONARDOS & CIA - PROPRIEDADE INTELECTUAL
Número de Protocolo 860130010799 em 18/12/2013 05:22(WB).

(21) **BR 10 2013 032709-3 2.10**
(22) 18/12/2013
(71) MANITOWOC CRANE COMPANIES, LLC (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010807 em 18/12/2013 05:52(WB).

(21) **BR 10 2013 032710-7 2.10**
(22) 18/12/2013
(71) SANOFI-AVENTIS FARMACÊUTICA LTDA. (BR/SP)
(74) Remer Villaça & Nogueira Assessoria e Consultoria de Propriedade Intelectual LTDA.
Número de Protocolo 860130010810 em 18/12/2013 05:59(WB).

(21) **BR 10 2013 032713-1 2.10**
(22) 18/12/2013
(71) ROBERT BOSCH GMBH (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010815 em 18/12/2013 06:30(WB).

(21) **BR 10 2013 032715-8 2.10**
(22) 18/12/2013
(71) CONTINENTAL AUTOMOTIVE SYSTEMS, INC. (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010817 em 18/12/2013 06:33(WB).

(21) **BR 10 2013 032719-0 2.10**
(22) 19/12/2013
(71) HART'S ALIMENTOS NATURAIS LTDA - ME (BR/RS)
(74) MARPA CONSULTORIA & ASSESSORIA EMPRESARIAL LTDA
Número de Protocolo 860130010827 em 19/12/2013 09:23(WB).

(21) **BR 10 2013 032721-2 2.10**
(22) 19/12/2013
(71) CGMP - CENTRO DE GESTÃO DE MEIOS DE PAGAMENTO S/A (BR/SP)
(74) Britânia Marcas e Patentes Ltda.
Número de Protocolo 860130010838 em 19/12/2013 09:52(WB).

(21) **BR 10 2013 032744-1 2.10**
(22) 19/12/2013
(71) MARCELO MACHADO COELHO (BR/GO)
(74) WAGNER JOSE DA SILVA
Número de Protocolo 860130010863 em 19/12/2013 11:23(WB).

(21) **BR 10 2013 032749-2 2.10**
(22) 19/12/2013
(71) CELSO COMELATO (BR/SP)
(74) P. A. PRODUTORES ASSOCIADOS MARCAS E PATENTES LTDA.
Número de Protocolo 860130010873 em 19/12/2013 11:50(WB).

(21) **BR 10 2013 032761-1 2.10**
(22) 19/12/2013
(71) REIFENHÄUSER GMBH & CO. KG MASCHINENFABRIK (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010878 em 19/12/2013 01:36(WB).

(21) **BR 10 2013 032769-7 2.10**
(22) 19/12/2013
(71) DOW AGROSCIENCES LLC (US)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010889 em 19/12/2013 02:15(WB).

(21) **BR 10 2013 032787-5 2.10**
(22) 19/12/2013
(71) GERALDO DA SILVA DIAS (BR/RJ)
Número de Protocolo 860130010917 em 19/12/2013 02:55(WB).

(21) **BR 10 2013 032788-3 2.10**
(22) 19/12/2013
(71) AIRBUS OPERATIONS (FR)
(74) Antonio Mauricio Pedras Arnaud
Número de Protocolo 860130010918 em 19/12/2013 02:57(WB).

(21) **BR 10 2013 032794-8 2.10**
(22) 19/12/2013
(71) HONDA MOTOR CO., LTD. (JP)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010924 em 19/12/2013 03:07(WB).

(21) **BR 10 2013 032801-4 2.10**
(22) 19/12/2013

(71) MAHLE International GmbH (DE)
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA - API 192
Número de Protocolo 860130010931 em 19/12/2013 03:25(WB).

(21) **BR 12 2013 032262-0** A2 **2.10**
(22) 11/09/2002
(71) GLAXO GROUP LIMITED (GB)
(74) KASZNAR LEONARDOS PROPRIEDADE INTELECTUAL
Protocolo nº 860130010407, em 16/12/2013; 12:25 (WB); Dividido do PI 0212455-2

(21) **BR 12 2013 032789-4** A2 **2.10**
(22) 12/09/2008
(71) Whirlpool S.A. (BR/SP) , UNIVERSIDADE FEDERAL DE SANTA CATARINA (BR/SC) , LUPATECH S.A. (BR/RS)
(74) Antonio Mauricio Pedras Arnaud
Protocolo nº 860130010919, em 19/12/2013; 15:00 (WB); Dividido do PI 0803956-9

(21) **BR 20 2013 032285-2** **2.10**
(22) 16/12/2013
(71) RENATO BREUEL GONÇALVES (BR/PR)
(74) VILAGE MARCAS E PATENTES LTDA
Número de Protocolo 860130010440 em 16/12/2013 02:46(WB).

(21) **BR 20 2013 032288-7** **2.10**
(22) 16/12/2013
(71) RENATO BREUEL GONÇALVES (BR/PR)
(74) VILAGE MARCAS E PATENTES LTDA
Número de Protocolo 860130010443 em 16/12/2013 02:54(WB).

(21) **BR 20 2013 032300-0** **2.10**
(22) 16/12/2013
(71) ARTEFATOS TEMPO DE VIVER LTDA - ME (BR/PR)
(74) BRASIL SUL MARCAS E PATENTES SC LTDA
Número de Protocolo 860130010460 em 16/12/2013 03:20(WB).

(21) **BR 20 2013 032301-8** **2.10**
(22) 16/12/2013
(71) rafael oliveira de figueiredo (BR/MS)
Número de Protocolo 860130010461 em 16/12/2013 03:23(WB).

(21) **BR 20 2013 032312-3** **2.10**
(22) 16/12/2013
(71) ARTEFATOS TEMPO DE VIVER LTDA - ME (BR/PR)
(74) BRASIL SUL MARCAS E PATENTES SC LTDA
Número de Protocolo 860130010475 em 16/12/2013 03:44(WB).

(21) **BR 20 2013 032409-0** **2.10**
(22) 17/12/2013
(71) Minasparaiso Armazém Gerais e Agroindústria Exportadora de Café Ltda. (BR/MG)
Número de Protocolo 860130010532 em 17/12/2013 11:01(WB).

(21) **BR 20 2013 032486-3** **2.10**
(22) 17/12/2013
(71) JOÃO BATISTA DA SILVEIRA (BR/SC)
(74) Anel Marcas e Patentes
Número de Protocolo 860130010622 em 17/12/2013 03:56(WB).

(21) **BR 20 2013 032510-0** **2.10**
(22) 17/12/2013
(71) Kemuel de Jesus Zanelato (BR/SC)
(74) Adenacon Marcas e Patentes Ltda
Número de Protocolo 860130010629 em 17/12/2013 04:19(WB).

(21) **BR 20 2013 032544-4** **2.10**
(22) 17/12/2013
(71) DERICK MAZZUCO (BR/SC) , VANDERLI JOSÉ MAZZUCO (BR/SC) , WALDIR LUIZ MAZZUCO (BR/SC)
(74) DMARK REGISTROS DE MARCAS E PATENTES S/S LTDA
Número de Protocolo 860130010635 em 17/12/2013 04:45(WB).

(21) **BR 20 2013 032566-5** **2.10**
(22) 17/12/2013
(71) EDILBERTO ACACIO DA SILVA (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA
Número de Protocolo 860130010642 em 17/12/2013 05:37(WB).

(21) **BR 20 2013 032572-0** **2.10**
(22) 18/12/2013
(71) Sergio Onildo de Matos (BR/SC)
(74) Anel Marcas e Patentes
Número de Protocolo 860130010660 em 18/12/2013 08:38(WB).

(21) **BR 20 2013 032596-7** **2.10**
(22) 18/12/2013
(71) BMD TEXTEIS LTDA. (BR/BA)
(74) EVERTON LUIS ROSSIN
Número de Protocolo 860130010699 em 18/12/2013 11:32(WB).

(21) **BR 20 2013 032684-0** **2.10**
(22) 18/12/2013
(71) LACRESEG INDÚSTRIA E COMÉRCIO DE LACRES - EIRELI - EPP (BR/SP)
(74) SOCIEDADE CIVIL BRAXIL LTDA
Número de Protocolo 860130010779 em 18/12/2013 04:45(WB).

(21) **BR 20 2013 032693-9** **2.10**
(22) 18/12/2013
(71) Dario Pais Dos Santos (BR/SP)
(74) Solução Comercial Assessoria Ltda
Número de Protocolo 860130010782 em 18/12/2013 04:52(WB).

(21) **BR 20 2013 032790-0** **2.10**
(22) 19/12/2013
(71) MASTER SISTEMAS AUTOMOTIVOS LTDA (BR/RS)
(74) VIEIRA DE MELLO ADVOGADOS
Número de Protocolo 860130010920 em 19/12/2013 03:02(WB).

(21) **BR 20 2013 032802-8** **2.10**
(22) 19/12/2013
(71) HELIO LUIZ BATTIROLA (BR/SC)
(74) ELIANE DUZ
Número de Protocolo 860130010933 em 19/12/2013 03:34(WB).

(21) **MU 9003036-2** **2.10**
(22) 26/10/2010
(71) VANIL ALVES LEAL (BR/GO)
Número de Protocolo 26100000699 em 26/10/2010 10:54(GO).

(21) **PI 0925294-0** **2.10**
(22) 03/12/2009
(71) Universidade Federal de Lavras (BR/MG) , Fundação de Amparo à Pesquisa do Estado de Minas Gerais - FAPEMIG (BR/MG)
Número de Protocolo 14090005324 em 03/12/2009 01:28(MG).

4. Pedido de Exame

4.3 DESARQUIVAMENTO - ART. 33 PARÁGRAFO ÚNICO DA LPI

(21) **PI 0905282-8** A2 **4.3**
(22) 02/12/2009
(71) TELMA CONSUELO SANTOS GRILO (BR/SP)

6. Exigências Técnicas e Formais

6.1 EXIGÊNCIA - ART. 36 DA LPI

(21) **PI 0002884-3** A2 **6.1**
(22) 27/06/2000
(71) Societe Des Produits Nestle S.A. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0006906-0** A2 **6.1**
(22) 07/07/2000
(71) Valeo Climatisation (FR)
(74) Momsen, Leonardos & CIA.

(21) **PI 0100261-9** A2 **6.1**
(22) 09/01/2001
(71) Hewlett-Packard Company (US)
(74) Antonio Mauricio Pedras Armaud

(21) **PI 0102976-2** A2 **6.1**
(22) 31/05/2001
(71) NGK Spark Plug CO. LTD. (JP)
(74) Yoshiaki Minao

(21) **PI 0105435-0** A2 **6.1**
(22) 09/11/2001
(71) Draka Fibre Technology B.V. (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0105710-3** A2 **6.1**
(22) 01/11/2001
(71) Opto Eletrônica S/A (BR/SP)
(74) São Paulo Marcas e Patentes Ltda

(21) **PI 0106229-8** A2 **6.1**
(22) 19/12/2001
(71) General Electric Company (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

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(22) 20/12/2001
(71) Universidade Federal de Minas Gerais - UFMG (BR/MG)

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(22) 15/01/2003
(71) Sumitomo Chemical Company, Limited (JP)
(74) KASZNAR LEONARDOS PROPRIEDADE INTELECTUAL

(21) **PI 0307326-2** A2 **6.1**
(22) 31/01/2003
(71) M-I L.L.C. (US)
(74) Flávia Salim Lopes

(21) **PI 0308751-4** A2 **6.1**
(22) 10/03/2003
(71) Lenzing Aktiengesellschaft (AT)
(74) David do Nascimentos Advogados Associados

(21) **PI 0308847-2** A2 **6.1**
(22) 31/03/2003
(71) Philip Morris Products S.A. (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0312129-1** A8 **6.1**
(22) 04/06/2003
(71) Syngenta Limited (GB) , Syngenta Participations AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0312166-6** A2 **6.1**
(22) 06/06/2003
(71) Universitaet Regensburg (DE)
(74) Magalhães & Associados Ltda

(21) **PI 0314726-6** A2 **6.1**
(22) 05/09/2003
(71) SICPA HOLDING SA (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0315452-1** A2 **6.1**
(22) 20/10/2003
(71) Vifor (International) AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

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(22) 05/12/2003
(71) Syngenta Limited (GB)
(74) LUIZ LEONARDOS & CIA - PROPRIEDADE ITELECTUAL

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(22) 31/05/2004
(71) Solvay Solexis S.P.A. (IT)
(74) Momsen, Leonardos & Cia

(21) **PI 0405568-3** A2 **6.1**
(22) 15/12/2004
(71) Shell Internationale Research Maaschappij B.V (NL)

(74) KASZNAR LEONARDOS PROPRIEDADE INTELECTUAL

(21) **PI 0406571-9** A2 **6.1**
(22) 23/01/2004
(71) Mitsui Chemicals, Inc. (JP) , Mitsui Takeda Chemicals, Inc (JP)
(74) Flávia Salim Lopes

(21) **PI 0406906-4** A8 **6.1**
(22) 13/01/2004
(71) Engelhard Corporation (US)
(74) Trench, Rossi e Watanabe

(21) **PI 0408217-6** A2 **6.1**
(22) 12/03/2004
(71) Basf Aktiengesellschaft (DE)
(74) KASZNAR LEONARDOS PROPRIEDADE INTELECTUAL

(21) **PI 0409546-4** A2 **6.1**
(22) 26/03/2004
(71) Invista Technologies S.à.r.l (CH)
(74) CAROLINA NAKATA

(21) **PI 0409672-0** A2 **6.1**
(22) 08/04/2004
(71) Clariant Produkte (Deutschland) GmbH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

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(22) 20/04/2004
(71) Makhteshim Chemical Works Ltd. (IL)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0410263-0** A2 **6.1**
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(71) Telefonaktiebolaget LM Ericsson (publ) (SE)
(74) Momsen, Leonardos & Cia

(21) **PI 0411283-0** A2 **6.1**
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(71) Friesland Brands B.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0411637-2** A2 **6.1**
(22) 01/07/2004
(71) E.I. Du Point De Nemours And Company (US)
(74) Paola Calabria Mattioli

(21) **PI 0418302-9** A2 **6.1**
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(71) DSM IP Assets B.V. (NL)
(74) Orlando de Souza

(21) **PI 0418653-2** A8 **6.1**
(22) 07/06/2004
(71) Syngenta Participations AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0419172-2** A2 **6.1**
(22) 08/11/2004
(71) Oro Agri, INC. (US)
(74) David do Nascimento Advogados Associados

(21) **PI 0508817-8** A2 **6.1**
(22) 07/03/2005
(71) Givaudan SA (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0509656-1** A2 **6.1**
(22) 04/04/2005
(71) Valeo Systemes D'Essuyage (FR)
(74) Momsen, Leonardos & CIA

(21) **PI 0510091-7** A2 **6.1**
(22) 22/04/2005
(71) CSIR (ZA)
(74) Bhering Almeida & Associados

(21) **PI 0513464-1** A2 **6.1**
(22) 11/08/2005
(71) Syngenta Participations AG (CH)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(21) **PI 0516904-6** A2 **6.1**
(22) 19/12/2005
(71) Bayer Cropscience SA (FR)
(74) Paola Calabria Mattioli

(21) **PI 0517390-6** A2 **6.1**
(22) 25/10/2005
(71) SYNGENTA PARTICIPATIONS AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0519368-0** A2 **6.1**
(22) 17/12/2005
(71) Bayer Cropscience AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0520011-3** A2 **6.1**
(22) 28/09/2005
(71) NU-IRON TECHNOLOGY, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0602757-1** A2 **6.1**
(22) 29/06/2006
(71) Universidade Federal do Paraná (BR/PR)

(21) **PI 0700789-2** A2 **6.1**
(22) 01/03/2007
(71) Junichi Takahashi (BR/BA) , Gelsso Pedrussi (BR/PR) , Ary Barbosa Silveira (BR/BA)
(74) Brasnorte Marcas e Patentes Ltda.

(21) **PI 0710148-1** A2 **6.1**
(22) 04/04/2007
(71) Johnson Matthey Public Limited Company (GB)
(74) Orlando de Souza

6.6
EXIGÊNCIA - ART. 34 DA LPI

(21) **PI 0601434-8** A2 **6.6**
(22) 24/04/2006
(71) Bayer Materialscience AG (DE)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

6.8
EXIGÊNCIA ANULADA(**)

(21) **PI 0707356-9** A2 **6.8**
(22) 02/02/2007
(71) NESTEC S.A. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Ref. a RPI n° 2213 de 04/06/2013.

(21) **PI 0710300-0** A2 **6.8**
(22) 05/04/2007
(71) Nestec S.A. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

7. Ciência de Parecer

7.1
CONHECIMENTO DE PARECER TÉCNICO

(21) **BR 10 2013 005496-8** A2 **7.1**
(22) 07/03/2013
(71) Marcelo Monteiro de Barros (BR/SP)
(74) Giovanni Gomes de Matos

(21) **BR 10 2013 009303-3** A2 **7.1**
(22) 17/04/2013
(71) Osvaldo Dalla Coletta (BR/SP)

(21) **BR 10 2013 013600-0** A2 **7.1**
(22) 03/06/2013
(71) USI-USINAS SOCIAIS INTELIGENTES DESTILARIAS SUSTENTAVEIS S/A (BR/RS)
(74) MARPA CONSULTORIA E ASSESSORIA EMPRESARIAL LTDA

(21) **PI 0004978-6** A2 **7.1**
(22) 29/09/2000
(71) Gatsometer B.V. (NL)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0006767-9** A2 **7.1**
(22) 19/10/2000
(71) Kabushiki Kaisha Toshiba (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0006990-6** A2 **7.1**
(22) 09/08/2000
(71) Borden Chemical, Inc. (US)
(74) Bhering Advogados

(21) **PI 0007883-2** A2 **7.1**
(22) 08/03/2000
(71) Ajinomoto CO., Inc. (JP)
(74) Momsen, Leonardos & CIA.

(21) **PI 0013474-0** A2 **7.1**
(22) 22/08/2000
(71) Weyerhaeuser Company (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 0100997-4** A2 **7.1**
(22) 16/03/2001
(71) L'Oreal (FR)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0102185-0** A2 **7.1**
(22) 30/05/2001
(71) Laboratório Catarinense S/A (BR/SC)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0103257-7** A2 **7.1**
(22) 07/08/2001
(71) Jens Schröder (DE) , Enno Christophers (DE) , Jürgen Harder (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0104048-0** A2 **7.1**
(22) 10/01/2001
(71) Societe Des Produits Nestle S. A (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0113742-5** A2 **7.1**
(22) 05/09/2001
(71) Aloys Wobben (DE)
(74) Momsen, Leonardos & Cia

(21) **PI 0114050-7** A2 **7.1**
(22) 04/09/2001
(71) Basf Coatings AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0206766-8** A8 **7.1**
(22) 03/01/2002
(71) Kraft Foods Global Brands LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0210989-1** A2 **7.1**
(22) 16/04/2002
(71) Prysmian Cavi e Sistemi Energia S.r.l. (IT)
(74) Momsen, Leonardos & Cia.

(21) **PI 0213764-0** A2 **7.1**
(22) 31/10/2002
(71) Plastic Technologies, Inc. (US)
(74) Paulo C. Oliveira & Cia.

(21) **PI 0213837-9** A2 **7.1**
(22) 29/10/2002
(71) Halliburton Energy Services, INC. (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 0302860-7** A2 **7.1**
(22) 29/05/2003
(71) Aquanova German Solubilisate Technologies (AGT) GMBH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0303628-6** A2 **7.1**
(22) 16/09/2003
(71) Universidade Federal de Viçosa (BR/MG)
(74) Alexandre Furtado Cordeiro

(21) **PI 0309980-6** A2 **7.1**
(22) 12/05/2003
(71) Syngenta Participations AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0312153-4** A8 **7.1**
(22) 10/06/2003
(71) Nestec S.A. (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0312687-0** A2 **7.1**
(22) 14/07/2003
(71) M-I L.L.C. (US)
(74) Flávia Salim Lopes

(21) **PI 0313917-4** A2 **7.1**
(22) 29/08/2003
(71) Novus International, Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0314389-9** A2 **7.1**
(22) 18/09/2003
(71) Mendel Biotechnology, INC. (US)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0315554-4** A2 **7.1**
(22) 27/08/2003
(71) Evonik RohMax Additives GmbH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0315563-3** A2 **7.1**
(22) 27/08/2003
(71) Evonik RohMax Additives GmbH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0400020-0** A2 **7.1**
(22) 14/01/2004
(71) Intevep, S.A. (VE)
(74) Bhering Advogados

(21) **PI 0402976-3** A2 **7.1**
(22) 16/07/2004
(71) Universidade Estadual de Maringá (BR/PR)
(74) Fábia dos Santos Sacco

(21) **PI 0404600-5** A2 **7.1**
(22) 26/10/2004
(71) Merial Limited (US)
(74) Di Blasi, Parente, S. G. & Associados S/C

(21) **PI 0405313-3** A2 **7.1**
(22) 12/11/2004
(71) Universidade Federal de Viçosa (BR/MG)
(74) PAULO AUGUSTO MALTA MORERIA

(21) **PI 0406939-0** A2 **7.1**
(22) 27/01/2004
(71) Ceradis B.V. (NL)
(74) Dannemann , Siemsen , Bigler & Ipanema Moreira

(21) **PI 0408382-2** A2 **7.1**
(22) 18/03/2004
(71) The Procter & Gamble Company (US)
(74) Trench, Rossi e Watanabe

(21) **PI 0409458-1** A2 **7.1**
(22) 14/04/2004
(71) Kemira Oyj (FI)
(74) Magnus Aspeby & Cláudio Marcelo Szabas

(21) **PI 0409489-1** A2 **7.1**
(22) 07/08/2004
(71) BKG Bruckmann & Kreyenborg Granuliertechnik GMBH (DE)
(74) Orlando de Souza

(21) **PI 0410074-3** A2 **7.1**
(22) 07/05/2004
(71) DSM IP Assets B.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0410643-1** A8 **7.1**
(22) 14/05/2004
(71) Johnson & Johnson GMBH (DE)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0410862-0** A8 **7.1**
(22) 03/05/2004
(71) Wella GmbH (DE)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0410980-5** A2 **7.1**
(22) 07/06/2004
(71) Purac Biochem B.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0411009-9** A2 **7.1**
(22) 04/06/2004
(71) Metal Coatings International Inc. (US)
(74) Orlando de Souza

(21) **PI 0411218-0** A2 **7.1**
(22) 02/06/2004
(71) Ciba Specialty Chemicals Holding Inc. (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0411521-0** A2 **7.1**
(22) 23/03/2004
(71) DSM IP Assets B.V. (NL)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0412112-0** A2 **7.1**
(22) 30/06/2004
(71) Colgate-Palmolive Company (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 0412579-7** A2 **7.1**
(22) 30/07/2004
(71) Dentsply Detrey Gmbh (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0412698-0** A2 **7.1**
(22) 06/07/2004
(71) Cargill, Incorporated (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0412732-3** A2 **7.1**
(22) 22/07/2004
(71) Rhodia Inc. (US)
(74) Orlando de Souza

(21) **PI 0412810-9** A2 **7.1**
(22) 06/08/2004
(71) Syngenta Limited (GB)
(74) Momsen, Leonardos & Cia

(21) **PI 0414081-8** A2 **7.1**
(22) 21/08/2004
(71) Bayer Cropscience S.A. (FR)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0414283-7** A2 **7.1**
(22) 13/09/2004
(71) Biocontrol Systems, INC. (US)
(74) Nellie Anne Daniel -Shores

(21) **PI 0415468-1** A2 **7.1**
(22) 22/10/2004
(71) MMI Genomics, Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0415808-3** A2 **7.1**
(22) 27/10/2004
(71) Washington State University Research Foundation (US) , The United State Of America, as represented by The Secretary of Agriculture (US)
(74) Martinez & Moura Barreto S/C Ltda

(21) **PI 0417298-1** A2 **7.1**
(22) 21/12/2004
(71) Dow Global Technologies Inc. (US)
(74) Antonio Mauricio Pedras Arnaud

(21) **PI 0417856-4** A2 **7.1**
(22) 21/12/2004
(71) Basf Aktiengesellschaft (DE)
(74) Momsen, Leonardos & Cia.

(21) **PI 0418572-2** A2 **7.1**
(22) 27/02/2004
(71) Laboratiorios König S.A. (AR)
(74) Veirano E Advogados Associados

(21) **PI 0418811-0** A2 **7.1**
(22) 10/05/2004
(71) Pirelli Tyre S.P.A. (IT)
(74) Momsen, Leonardos & Cia

(21) **PI 0418828-4** A2 **7.1**
(22) 16/06/2004
(71) Cargill, Incorporated (US)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0419278-8** A2 **7.1**
(22) 27/11/2004
(62) PI 0406186-1 27/11/2004
(71) Bayer Cropscience AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0502484-6** A2 **7.1**
(22) 14/06/2005
(71) Heloise Nagai do Val (BR/MT)

(21) **PI 0505944-5** A2 **7.1**
(22) 13/12/2005
(71) Scalon & Cerchi Ltda (BR/MG)
(74) Cidwan Uberlândia Ltda

(21) **PI 0506547-0** A2 **7.1**
(22) 21/02/2005
(71) Rhodia Uk Limited (GB)
(74) Alexandre Fukuda Yamashita

(21) **PI 0507881-4** A2 **7.1**
(22) 17/02/2005
(71) University Of Florida Research Foundation, Inc. (US) , Dow Agrosciences LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0510850-0** A2 **7.1**
(22) 09/06/2005
(71) Syngenta Participations AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0511847-6** A2 **7.1**
(22) 06/06/2005
(71) Syngenta Participations AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0512322-4** A2 **7.1**
(22) 16/06/2005
(71) Bayer Cropscience AG (DE)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0516442-7** A2 **7.1**
(22) 15/09/2005
(71) Syngenta Limited (GB)
(74) Momsen, Leonardos & CIA.

(21) **PI 0601647-2** A2 **7.1**
(22) 18/04/2006
(71) Fertilizantes Heringer S.A (BR/ES)
(74) Icamp Marcas e Patentes Ltda.

(21) **PI 0800674-1** A2 **7.1**
(22) 07/03/2008
(71) Dionisio Lopes Rodrigues (BR/SC)
(74) EVERTON LUIS ROSSIN

(21) **PI 0902581-2** A2 **7.1**
(22) 27/07/2009
(71) Metalcana Indústria e Comércio Ltda (BR/PR)
(74) Marpa Cons. e Asses. Empresarial Ltda

(21) **PI 9906932-6** A2 **7.1**
(22) 11/01/1999
(71) Fusion Lighting, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 9908502-0** A2 **7.1**
(22) 03/03/1999
(71) General Electric Company (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

7.4
A CIÊNCIA RELACIONADA COM O ART.229 DA LPI

(21) **PI 0109293-6** A2 **7.4**
(22) 16/03/2001

(71) The Children's Hospital Of Philadelphia (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0110940-5** A2 **7.4**
(22) 10/05/2001
(71) Ferrosan A/S (DK)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0211258-2** A2 **7.4**
(22) 21/06/2002
(71) Baxter International Inc. (US) , Baxter Healthcare S.A. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0415745-1** A2 **7.4**
(22) 08/10/2004
(71) Südzucker Aktiengesellschaft Mannheim/Ochsenfurt (DE)
(74) Di Blasi, Parente, S. Garcia & Associados

(21) **PI 0720565-1** A2 **7.4**
(22) 14/09/2007
(71) MMR Information Systems, Inc. (US)
(74) Alexandre Ferreira

8. Anuidade de Pedido

8.5 EXIGÊNCIA DE COMPLEMENTAÇÃO DA RETRIBUIÇÃO ANUAL

(21) **PI 0900405-0** A2 **8.5**
(22) 15/01/2009
(71) Álvaro Lúcio (BR/MG) , Antônio Delfino Santos Neto (BR/MG) , PCE Participações, Consultoria e Engenharia Ltda (BR/MG) , Vítor Sérgio de Sousa (BR/MG) , Campelo Participações e Consultoria Ltda (BR/MG)
(74) Carlos José dos Santos Linhares
Referente à 4ª anuidade, de acordo com tabela vigente, guia de recolhimento 22120215784-4.

8.6 ARQUIVAMENTO - ART. 86 DA LPI

(21) **C1 0802408-1** E2 **8.6**
(22) 01/02/2010
(61) PI 0802408-1 10/07/2008
(71) Pedro Bartholo Damasceno Ferreira (BR/RJ)
Referente a taxa de restauração da 3ª anuidade.

(21) **MU 8402483-6** U2 **8.6**
(22) 05/10/2004
(71) Mauro Costa Ferreira (BR/SP)
(74) José Edis Rodrigues
Referente à 9ª anuidade.

(21) **MU 8900995-9** U2 **8.6**
(22) 15/01/2009
(71) POINTH DISPLAY MATERIAIS PROMOCIONAIS LTDA (BR/SP)
(74) REMARCA REGISTRO DE MARCAS E PATENTES LTDA
Referente ao não recolhimento da 5ª anuidade.

(21) **PI 0417250-7** A2 **8.6**
(22) 03/12/2004
(71) The Scripps Research Institute (US)
(74) Hugo Silva, Rosa & Maldonado-Prop Int
Referente à 9ª anuidade.

(21) **PI 0600148-3** A2 **8.6**
(22) 23/01/2006
(71) Carlos Alberto Esquilar (BR/SP)
(74) Vilage Marcas & Patentes S/S Ltda
Referente à 8ª anuidade.

(21) **PI 0801081-1** A2 **8.6**
(22) 03/01/2008
(71) Construtora BS S.A. (BR/MT)
(74) Di Blasi, Parente, S. G. & Associados S/C
referente a 5ª anuidade

(21) **PI 0900090-9** A2 **8.6**
(22) 05/01/2009
(71) M.S.B. Indústria e Comércio Ltda (BR/PR)
(74) Marcos Aurélio de Jesus
Referente ao não recolhimento da 5ª anuidade.

(21) **PI 0900175-1** A2 **8.6**
(22) 19/01/2009
(71) NELSON LOPES (BR/SP)
(74) SILVA & GUIMARAES MARCAS E PATENTES LTDA
Referente ao não recolhimento da 5ª anuidade.

(21) **PI 0900322-3** A2 **8.6**
(22) 26/02/2009
(71) Lázaro Vergani Filho (BR/SP) , MANOEL SILVA DE CARVALHO (BR/SP) , Manoel Silva de Carvalho (BR/SP)
(74) ANA PAULA BARBOSA NAHES ESPERANÇOLO
Referente à Taxa de Restauração da 4ª anuidade.

(21) **PI 1100035-0** A2 **8.6**
(22) 07/01/2011
(71) Eduardo Sisterolli Alencar (BR/GO)
Referente à 3ª anuidade.

(21) **PI 1100039-2** A2 **8.6**
(22) 28/01/2011
(71) Israel Mombrini Closs (BR/ES)
Referente à 3ª anuidade.

(21) **PI 1100043-0** A2 **8.6**
(22) 20/01/2011
(71) Tatyanna Bruzadelli Douat (BR/PR)
Referente à 3ª anuidade.

8.7 RESTAURAÇÃO

(21) **MU 8302687-8** U2 **8.7**
(22) 27/06/2003
(71) Autran Coelho Lobo (BR/CE)
(74) Fernando Gomes Chaves

(21) **MU 8702697-0** U2 **8.7**
(22) 05/11/2007
(71) Alexandre de Sena Carneiro (BR/PE)
(74) Fernando Antonio Franco da Encarnação

(21) **PI 0404966-7** A2 **8.7**
(22) 16/11/2004
(71) Humberto Rossetti Baptista (BR/SP)
(74) Toledo Corrêa Marcas e Patentes S/C Ltda

8.11 MANUTENÇÃO DO ARQUIVAMENTO

(21) **MU 8901712-9** U2 **8.11**
(22) 21/08/2009
(71) Creso Marsiglio (BR/SP)
Referente ao não cumprimento do despacho 8.6 na RPI 2221 de 30/07/2013.

(21) **MU 8902126-6** U2 **8.11**
(22) 23/09/2009
(71) Henrique Augusto Peter (BR/RS)
(74) Marpa Cons. e Asses. Empresarial Ltda
Referente ao não cumprimento do despacho 8.6 na RPI 2221 de 30/07/2013

(21) **PI 9913096-3** A2 **8.11**
(22) 27/07/1999
(71) Exxon Research And Engineering Company (US)
(74) Momsen, Leonardos & CIA.
Referente ao despacho publicado na RPI 2206 de 16/04/2013

8.12 ARQUIVAMENTO DEFINITIVO

(21) **MU 8402645-6** U2 **8.12**
(22) 28/10/2004
(71) Marcos Antonio Rodarte (BR/MG)
ARQUIVAMENTO DEFINITIVO

(21) **MU 8902506-7** U2 **8.12**
(22) 17/11/2009
(71) TEC MILLS INDÚSTRIA E COMÉRCIO LTDA (BR/SP)
(74) PIENEGONDA, MOREIRA & ASSOCIADOS LTDA
ARQUIVAMENTO DEFINITIVO

(21) **PI 0406164-0** A2 **8.12**
(22) 15/12/2004
(71) Giovanni Garboni (BR/RJ)
(74) Crimark Assessoria Empresarial S/C Ltda
ARQUIVAMENTO DEFINITIVO

(21) **PI 0902942-7** A2 **8.12**
(22) 19/01/2009
(71) José Manuel Fernandes Moça (BR/RJ)
ARQUIVAMENTO DEFINITIVO

(21) **PI 9602620-0** A2 **8.12**
(22) 04/06/1996
(71) American Cyanamid Company (US)
(74) Momsen, Leonardos & CIA.
ARQUIVAMENTO DEFINITIVO

(21) **PI 9710826-0** A2 **8.12**
(22) 16/10/1997
(71) Universidade Federal de Minas Gerais (BR/MG)
ARQUIVAMENTO DEFINITIVO

(21) **PI 9816250-0** A2 **8.12**
(22) 18/08/1998
(71) Warner-Lambert Company (US) , The Board Of Regents For The University Of Oklahoma (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
ARQUIVAMENTO DEFINITIVO

9. Decisão

9.1 DEFERIMENTO

(21) **PI 0001870-8** A2 **9.1**
(22) 29/05/2000
(54) Peptídeo, processo de obtenção de peptídeo, formulação compreendendo peptídeo, método de prevenção de crescimento de parasitas, fungos e bactérias, método para inativar a endotoxina de bactérias gram-negativas
(71) Universidade de São Paulo - USP (BR/SP)
(74) Francisco Carlos Rodrigues Silva

(21) **PI 0006291-0** A2 **9.1**
(22) 27/12/2000
(54) Bactéria do gênero salmonella, e, vacina para a aproteção de animais contra a salmonelose
(71) Intervet International B.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0011324-7** A2 **9.1**
(22) 02/06/2000
(54) Agonistas de Adrenoceptores Beta 2, Processo de Preparação dos Mesmos, seu Uso e Composição Farmacêutica compreendendo os mesmos
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0112756-0** A2 **9.1**
(22) 23/07/2001
(54) Composto ciclo-pentano-indol
(71) Merck Frosst Canada Ltd. (CA)
(74) Momsen, Leonardos & Cia.

(21) **PI 0208866-5** A2 **9.1**
(22) 27/03/2002
(54) Artigo resistente a balas
(71) E.I.Du Pont De Nemours And Company (US)
(74) Francisco Carlos Rodrigues Silva
Indefiro o pedido de acordo com o(s) artigo(s) da LPI

(21) **PI 0212752-0** A2 **9.1**
(22) 23/10/2002
(54) Processo para a preparação de glânulos detergentes
(71) Unilever N.V. (NL)

(74) Atem & Remer Asses. Consul. Prop. Int. Ltda

(21) **PI 0214381-0** A2 **9.1**
(22) 29/10/2002
(54) Composição de tinta de impressão, seus usos e seu processo de fabricação; bem como uso de um agente de floculação para aumentar a redispersibilidade dos sedimentos de pigmento em uma composição de tinta de impressão.
(71) Sicpa Holding S.A. (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0215077-8** A2 **9.1**
(22) 10/10/2002
(54) Recipiente solúvel em água contendo ativos secos
(71) Reckitt Benckiser LLC (US)
(74) Di Blasi, Parente, Soerensen Garcia & Associados S/C

(21) **PI 0215669-5** A2 **9.1**
(22) 23/08/2002
(54) Sutura monofilamentada, e, processo para preparar a mesma
(71) Samyang Biopharmaceuticals Corporation (KR)
(74) Kasznar, Leonardos, Propriedade Intelectual

(21) **PI 0300978-5** A2 **9.1**
(22) 27/03/2003
(54) Método para a produção de um ácido L-glutâmico
(71) Ajinomoto CO., INC. (JP)
(74) Momsen, Leonardos & Cia

(21) **PI 0304788-1** A2 **9.1**
(22) 29/10/2003
(54) FRASCO DISPENSADOR COM EVIDÊNCIA DE ADULTERAÇÃO E FECHAMENTO PARA O FRASCO
(71) Johnson & Johnson (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0305418-7** A2 **9.1**
(22) 28/06/2003
(54) LUVA CORREDIÇA DE UMA EMBREAGEM DE ENGATE
(71) Schaeffler Technologies GmbH & Co. KG (DE)
(74) DANNEMANN ,SIEMSEN, BIGLER & IPANEMA MOREIRA

(21) **PI 0306679-7** A2 **9.1**
(22) 07/02/2003
(54) UNIDADE ESTERILIZADORA PARA ESTERILIZAR UMA FOLHA CONTÍNUA DE MATERIAL DE EMBALAGEM EM UMA MÁQUINA PARA ACONDICIONAR PRODUTOS ALIMENTÍCIOS ESCOÁVEIS
(71) Tetra Laval Holdings & Finance SA (CH)
(74) Momsen, Leonardos & Cia

(21) **PI 0306924-9** A2 **9.1**
(22) 14/01/2003
(54) Composição termoplástica superabsorvente e artigo incluindo a mesma
(71) H.B. Fuller Company (US)
(74) Orlando de Souza

(21) **PI 0307488-9** A2 **9.1**
(22) 06/02/2003
(54) ENCERRAMENTO DE RECIPIENTE
(71) Selig Sealing Products, Inc. (US)
(74) NELLIE ANNE DANIEL - SHORES

(21) **PI 0307900-7** A2 **9.1**
(22) 28/02/2003
(54) DISTRIBUIDOR DE FOLHA INTERDOBRADA QUE TEM UM SISTEMA DE RETIRADA DE FOLHA COM IMPULSIONADOR
(71) Kimberly-Clark Worldwide, INC. (US)
(74) Flávia Salim Lopes

(21) **PI 0309195-3** A2 **9.1**
(22) 25/03/2003
(54) Derivados organossilicone de amino hidroxibenzofenonas, polímero de diorganossiloxano linear, processo para preparação dos referidos derivados, composição cosmética e uso dos referidos derivados como filtros de UV-A em preparações comésticas
(71) DSM Ip Assets B.V. (NL)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0309378-6** A2 **9.1**
(22) 17/04/2003
(54) Dispersão aquosa de poliuretana
(71) PPG Industries Ohio, INC. (US)
(74) Vieira de Mello Advogados

(21) **PI 0309736-6** A2 **9.1**
(22) 08/05/2003
(54) DISPOSITIVO PARA ALINHAR A CONEXÃO DE DUTOS
(71) Advanced Production And Loading AS (NO)
(74) Momsen, Leonardos & Cia

(21) **PI 0309750-1** A2 **9.1**
(22) 17/04/2003
(54) MONTAGEM DE VÁLVULA ESFÉRICA
(71) Dril-Quip, INC. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0309794-3** A2 **9.1**
(22) 01/04/2003
(54) Tensoativos de silicone retardantes de fogo para uso em espumas de poliuretano sopradas com gás inerte
(71) General Electric Company (US)
(74) ADVOCACIA PIETRO ARIBONI S/C

(21) **PI 0310004-9** A2 **9.1**
(22) 06/05/2003
(54) FECHAMENTO DE TAMPA OSCILANTE COM MECANISMO DE FIXAÇÃO À PROVA DE VIOLAÇÃO PARA RECIPIENTES CONTENDO MATERIAL DE CIRCULAÇÃO LIVRE
(71) Seaquist-Loeffler Kunststoffwerk GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0316449-7** A2 **9.1**
(22) 25/11/2003
(54) Composição catalítica para reações de esterificação, transesterificação e policondensação de ácidos dicarboxílicos, policarboxílicos e/ou hidroxicarboxílicos e álcoois, bem como método para a produção contínua ou por batelada de ésteres ou produtos da policondensação pela reação de esterificação, transesterificação, poliesterificação ou politransesterificação
(71) Crompton Gmbh (DE)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0318283-5** A2 **9.1**
(22) 26/06/2003
(54) Tinta fluorescente aquosa única, imagem gravada, e, método de formação de imagem gravada
(71) Canon Kabushiki Kaisha (JP)
(74) Momsen , Leonardos & CIA

(21) **PI 0318361-0** A2 **9.1**
(22) 13/11/2003
(54) Método para processamento de leite
(71) Parmalat S.p.A. (IT)
(74) Tavares Propriedade Intelectual Ltda

(21) **PI 0404434-7** A8 **9.1**
(22) 13/10/2004
(54) PROCESSO PARA A PREPARAÇÃO DE AMINAS AROMÁTICAS MEDIANTE HIDROGENAÇÃO CATALISADA HETEROGENEAMENTE
(71) Bayer Materialscience AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0406163-2** A2 **9.1**
(22) 17/11/2004
(54) Processo e sistema para preparação de purê de banana
(71) Universidade de São Paulo - USP (BR/SP) , Fundação de Amparo Á Pesquisa do Estado de São Paulo - FAPESP (BR/SP)
(74) Maria Aparecida de Souza

(21) **PI 0406855-6** A2 **9.1**
(22) 23/01/2004
(54) MÉTODOS PARA PRODUZIR UM BETA-ÉSTER DE ALFA-L-ASPARTIL-FENILALANINA E PARA PRODUZIR UM ALFA-ÉSTER METÍLICO DE ALFA-L-ASPARTIL-L-FENILALANINA
(71) Ajinomoto CO, Inc. (JP)
(74) Momsen, Leonardos & Cia.

(21) **PI 0409154-0** A2 **9.1**
(22) 01/04/2004
(54) Processo para preparar 5-(alfa-haloacetil)-8-benzilóxi-(1H)-quinolin-2- onas
(71) Novartis AG (CH)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0409195-7** A2 **9.1**
(22) 02/04/2004
(54) Sal de alumínio e/ou zircônio isento de glicina com betaína, produto antiperspirante e/ou desodorante, antiperspirantes e/ou desodorantes em bastão, com rolete, sólido mole, e em gel, e, processo para fabricar o sal
(71) Colgate-Palmolive Company (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0409272-4** A2 **9.1**
(22) 08/04/2004
(54) INSTALAÇÃO DE REDUÇÃO DIRETA PARA PRODUZIR METAL FUNDIDO A PARTIR DE UM MATERIAL DE ALIMENTAÇÃO METALÍFERO
(71) Technological Resources PTY Ltd (AU)
(74) Vieira de Mello Advogados

(21) **PI 0409527-8** A2 **9.1**
(22) 23/03/2004
(54) AGENTES DE LIGAÇÃO PARA COMPOSIÇÕES DE ELASTÔMEROS CARREGADAS COM UM MINERAL
(71) General Electric Company (US)
(74) ADVOCACIA PIETRO ARIBONI S/C

(21) **PI 0410759-4** A2 **9.1**
(22) 21/05/2004
(54) PROCESSO PARA PREPARAR ALDEÍDOS, ÁCIDOS CARBOXÍLICOS E/OU ANIDRIDOS DE ÁCIDO CARBOXÍLICO
(71) Basf Aktiengesellschaft (DE)
(74) Momsen, Leonardos & Cia.

(21) **PI 0410843-4** A2 **9.1**
(22) 07/05/2004
(54) PROCESSO PARA A PRODUÇÃO DE CETONAS CÍCLICAS ALFA, BETA NÃO-SATURADAS ATRAVÉS DA DESIDROGENAÇÃO DE ÁLCOOIS ALÍLICOS CÍCLICOS SECUNDÁRIOS
(71) Renessenz LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0410973-2** A2 **9.1**
(22) 26/05/2004
(54) Processos para realizar uma reação em uma primeira zona do reator tubular e para realizar uma reação em um reator tubular de esterificação
(71) Eastman Chemical Company (US)
(74) KASZNAR LEONARDOS PROPRIEDADE INTELECTUAL

(21) **PI 0411338-1** A2 **9.1**
(22) 15/06/2004
(54) PROCESSO DE POLIMERIZAÇÃO ENVOLVENDO A DOSAGEM DE INICIADORES
(71) Akzo Nobel N.V. (NL)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0411948-7** A2 **9.1**
(22) 28/06/2004
(54) Método para minimizar a produção de um ou mais produtos de degradação de ligantes de íons fosfônio e processo para minimizar a formação de um ou mais produtos de degradação de ligantes de íons fosfônio
(71) Dow Technology Investments LLC (US)
(74) Paulo Sérgio Scatamburlo

(21) **PI 0413011-1** A2 **9.1**
(22) 29/07/2004
(54) Método de proteção do efluente de um dispositivo de pulverização térmica
(71) Praxair S.T. Technology, INC. (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 0417052-0** A2 **9.1**
(22) 01/12/2004
(54) PROCESSOS PARA A PREPARAÇÃO DE 3-FENIL(TIO)URACILAS E 3-FENILDITIOURACILAS
(71) Basf SE (DE)
(74) Paola Calabria Mattioli

(21) **PI 0417433-0** A2 **9.1**
(22) 14/12/2004

(54) PROCESSO PARA PREPARAÇÃO DE COMPOSTOS
(71) Basf Aktiengesellschaft (DE)
(74) Momsen, Leonardos & Cia

(21) **PI 0502759-4** A2 **9.1**
(22) 30/06/2005
(54) óleo lubrificante e composição lubrificante para uma máquina de refrigeração
(71) Whirlpool S.A. (BR/SP)
(74) Antonio Mauricio Pedras Arnaud

(21) **PI 0509609-0** A2 **9.1**
(22) 30/03/2005
(54) PALHETA DE LIMPADOR DE PÁRA-BRISA DE VEÍCULO AUTOMOTIVO
(71) Valeo Systemes D'Essuyage (FR)
(74) LUIZ LEONARDOS & CIA - PROPRIEDADE ITELECTUAL

(21) **PI 0603978-2** A2 **9.1**
(22) 28/09/2006
(54) Dispositivo para fechamento de grampos, utilizado na fabricação de embutidos cárneos
(71) Flavio Pasquali (BR/SC) , Carlos Pasquali (BR/SC)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0902537-5** A2 **9.1**
(22) 20/07/2009
(54) SISTEMA DE BASCULAMENTO PARA CAÇAMBA MÓVEL SOBRE ROLETES E/OU POR DESLIZAMENTO
(71) Roberto Antônio de Oliveira (BR/MG)
(74) JOÃO DE PAULA FERREIRA

(21) **PI 1001117-0** A2 **9.1**
(22) 19/04/2010
(54) APERFEIÇOAMENTO EM AMORTECEDOR APLICADO EM SUSPENSÕES PNEUMÁTICAS
(71) Leonel Batista Neto (BR/RS) , Leonardo Elisandro Batista (BR/RS)
(74) Sko Oyarzaball Marcas e Patentes S/S Ltda

(21) **PI 1102084-9** A8 **9.1**
(22) 03/05/2011
(54) Aperfeiçoamento introduzido em implemento desensilador de ração para acoplamento em trator agrícola
(71) PAULO BENEDITO GHILARDI (BR/SP)
(74) City Patentes e Marcas Ltda.

9.1.3 REPUBLICAÇÃO

(21) **PI 0100042-0** A2 **9.1.3**
(22) 09/01/2001
(54) MÉTODO E APARELHO PARA AMPLIFICAÇÃO DE SINAL DEPENDENTE DE MODULAÇÃO
(71) Motorola Mobility, Inc. (US)
(72) Armin Klomsdorf, Dale Schwent, Luke E. Winkelmann, Mathew Greene
(74) Trench, Rossi e Watanabe Advogados
Deferimento notificado na RPI Nº 2213 de 04/06/2013 republicado por ter contido incorreções

(21) **PI 0411459-0** A8 **9.1.3**
(22) 11/06/2004
(54) Processo para Epoxidação de Propeno
(71) Uhde Gmbh (DE) , Evonik Degussa GmbH (DE)
(72) Thomas Haas, Claudia Brasse, Wolfgang Wöll, Willi Hofen, Bernd Jaeger, Guido Stochniol, Norbert Ullrich
(74) Dannemann,Siemsen, Bigler & Ipanema Moreira
Republicação o item 9.1 da RPI nº 2238 de 26/11/2013, por ter sido efetuada com incorreções.

(21) **PI 9904785-3** A2 **9.1.3**
(22) 25/01/1999
(54) MÉTODO DE PROCESSAMENTO DE IMAGEM PARA DECODIFICADOR DE DADOS DE IMAGEM COMPRIMIDOS
(71) Panasonic Corporation (JP)
(72) Choong Seng Boon
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Deferimento notificado na RPI n° 2235 de 05/11/2013 republicado por ter contido incorreções

9.2 INDEFERIMENTO

(21) **BR 12 2012 018907-3** A2 **9.2**
(22) 20/06/2001
(54) POLINUCLEOTÍDEO ISOLADO, POLIPEPTÍDEO ISOLADO, CONSTRUCTO GENÉTICO, CÉLULA TRANSGÊNICA, ORGANISMO, PLANTA, MÉTODO PARA MODIFICAR A EXPRESSÃO DE GENES EM UM ORGANISMO ALVO, PARA PRODUZIR UMA PLANTA TENDO EXPRESSÃO DE GENES MODIFICADA, PARA MODIFICAR UM FENÓTIPO DE UM ORGANISMO ALVO, E, PARA IDENTIFICAR UM GENE RESPONSÁVEL POR UMA FUNÇÃO DESEJADA OU FENÓTIPO
(62) PI 0111856-0 20/06/2001
(71) ARBORGEN INC. (US)
(74) Kasznar Leonardos Propriedade Intelectual
Indefiro o pedido de acordo com o(s) artigo(s) 22 da LPI.

(21) **PI 0000825-7** A2 **9.2**
(22) 10/03/2000
(54) MOTOR DE ARRANQUE SUAVE INTEGRADO PARA MOTOR ELÉTRICO E SEU USO
(71) Eaton Corporation (US)
(74) Antonio Maurício Pedras Arnaud
Indefiro o pedido de acordo com o Art. 8º combinado com Art. 13 da LPI

(21) **PI 0000948-2** A2 **9.2**
(22) 10/03/2000
(54) MÉTODO PARA CONTROLAR UM MOTOR DE INDUÇÃO CA TRIFÁSICO
(71) Eaton Corporation (US)
(74) Antonio Mauricio Pedras Arnaud
Indefiro o pedido de acordo com o Art .8º combinado com Art. 13 da LPI

(21) **PI 0001542-3** A2 **9.2**
(22) 04/04/2000
(54) SISTEMA RESFRIADOR DE MOTOR E ABSORVEDOR DE RUÍDOS
(71) Vita-Mix Corporation (US)
(74) Clarke Modet do Brasil LTDA
Indefiro o pedido de acordo com o Art. 8º combinado com Art. 13 da LPI

(21) **PI 0006988-4** A2 **9.2**
(22) 04/08/2000
(54) MÉTODO E APRELHO PARA MODIFICAR O SOFTWARE DE LIMITE E PROTEÇÃO EM UM EXCITADOR DE GERADOR SÍNCRONO PARA COMPENSAR A CAPACIDADE DA TURBINA-GERADOR
(71) General Electric Company (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o Art. 8º combinado com Art. 13 da LPI

(21) **PI 0101678-4** A2 **9.2**
(22) 27/04/2001
(54) PROCESSO PARA PRODUZIR CHOCOLATE, E, USOS DE UM MEIO DE MOLDAGEM POR COMPRESSÃO, E DE MATRIZES
(71) Kraft Foods R&D, Inc. (DE)
(74) Momsen, Leonardos & CIA.
Indefiro o pedido de acordo com o Art .8º combinado com Art. 13 e Art. 25 da LPI.

(21) **PI 0201995-7** A2 **9.2**
(22) 10/05/2002
(54) PROCESSO E INSTALAÇÃO PARA MOAGEM DE CANA DE AÇUCAR
(71) Cooperativa De Produtores De Cana-de-açúcar, Açúcar E Álcool Do Estado De São Paulo (BR/SP)
(74) Paulo Sergio Scatamburlo
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13 da LPI

(21) **PI 0202449-7** A2 **9.2**
(22) 13/06/2002
(54) APARELHO ELÉTRICO PARA CORTE E ARREMATE SIMULTÂNEO EM PRODUTOS ELABORADOS COM FIOS SINTÉTICOS
(71) Yvone Rodrigues Martins Lobato (BR/MG) , Francisco Linhares de Carvalho (BR/MG)
Indefiro o pedido de acordo com o(s) artigo(s) da LPI

(21) **PI 0212884-5** A2 **9.2**
(22) 17/09/2002
(54) COMPOSIÇÃO FUNGICIDA E MÉTODO DE CONTROLE
(71) Bayer Cropscience S.A (FR)
(74) Paola Calabria Mattioli
Indefiro o pedido de acordo com o(s) artigo(s) 8º combinado com Art. 13 da LPI

(21) **PI 0304588-9** A2 **9.2**
(22) 24/10/2003
(54) SUSPENSÃO AQUOSA DE NANOPARTÍCULAS, E, PROCESSO PARA PROTEGER PLANTAS OU PARA AUMENTAR O RENDIMENTO DE SAFRA
(71) Rhodia Inc. (US)
(74) Momsen, Leonardos & Cia
Indefiro o pedido de acordo com o(s) artigo(s) 8º combinado com Art. 11 da LPI

(21) **PI 0306411-5** A2 **9.2**
(22) 24/12/2003
(54) MOSQUICIDA PARA BOVINOS
(71) Clarion Biociências Ltda (BR/GO)
(74) Rubia Carla Baptista
Indefiro o pedido de acordo com o(s) artigo(s) Art. 24 e Art. 25 da LPI

(21) **PI 0307908-2** A2 **9.2**
(22) 10/02/2003
(54) MISTURAS INSETICIDAS SINERGÍSTICAS
(71) Bayer Cropscience AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 8º combinado com Art. 13 da LPI

(21) **PI 0311330-2** A8 **9.2**
(22) 27/05/2003
(54) EMBALAGEM AUTO-PORTANTE PARA BISNAGAS
(71) Johnson & Johnson Consumer France SAS (FR)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13 da LPI.

(21) **PI 0312492-4** A2 **9.2**
(22) 08/07/2003
(54) ESPIRAIS INSETICIDAS
(71) Reckitt Benckiser (Australia) PTY Limited (AU)
(74) Di Blasi, Parente, S. G. & Associados
Indefiro o pedido de acordo com o(s) artigo(s) 8º combinado com Art. 13 da LPI

(21) **PI 0313241-2** A2 **9.2**
(22) 07/08/2003
(54) COMPOSIÇÃO HERBICIDA
(71) Kumiai Chemical Industry CO. LTD (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13; art. 25 da LPI

(21) **PI 0403962-9** A2 **9.2**
(22) 31/08/2004
(54) MÉTODO PARA MANIPULAÇÃO DE SUBSTÂNCIAS DE ALTA VISCOSIDADE
(71) Mitsubishi Chemical Corporation (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13 da LPI.

(21) **PI 0406825-4** A2 **9.2**
(22) 07/01/2004
(54) HERBICIDAS SELETIVOS À BASE DE COMPOSTOS DICARBONILA CÍCLICOS SUBSTITUÍDOS E PROTETORES
(71) Bayer Cropscience AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) da LPI

(21) **PI 0410208-8** A2 **9.2**
(22) 12/05/2004
(54) PRODUTO ALIMENTÍCIO DE EMULSÃO ÓLEO-EM-ÁGUA QUE PODE SER BATIDO, CONFEITO BATIDO QUE PODE SER

PREPARADO E EXIBIDO EM TEMPERATURAS AMBIENTES, E, MÉTODO DE PREPARAÇÃO DE UM PRODUTO ALIMENTÍCIO QUE PODE SER BATIDO
(71) Rich Products Corporation (US)
(74) Momsen, Leonardos & Cia
Indefiro o pedido de acordo com o(s) artigo(s) da LPI

(21) **PI 0412216-0** A2 **9.2**
(22) 06/07/2004
(54) PRODUTO PARA A APLICAÇÃO AGRÍCOLA, PROCEDIMENTO PARA A FORMAÇÃO, USO E MÉTODO PARA APLICAÇÃO DE UM PRODUTO
(71) Daniel Irisarri Navalpotro (ES)
(74) David do Nascimento Advogados Associados S/C
Indefiro o pedido de acordo com o(s) artigo(s) da LPI

(21) **PI 0412503-7** A2 **9.2**
(22) 09/07/2004
(54) PROCESSO DE SEPARAÇÃO TÉRMICA PARA A REMOÇÃO DE PELO MENOS UMA CORRENTE CONTENDO MONÔMEROS (MET) ACRÍLICOS ENRIQUECIDOS
(71) Basf Aktiengesellschaft (DE)
(74) Momsen, Leonardos & Cia.
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13 da LPI.

(21) **PI 0412749-8** A2 **9.2**
(22) 07/07/2004
(54) FORMULAÇÕES DE SUSPENSÃO AQUOSA PARA FUNGICIDA DE APLICAÇÃO FOLIAR
(71) Mitsui Chemicals, Inc. (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0412758-7** A2 **9.2**
(22) 15/07/2004
(54) MÉTODO DE MINIMIZAR DANO HERBICIDA
(71) Bayer Cropscience LP (US)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0413789-2** A2 **9.2**
(22) 18/08/2004
(54) Métodos para melhorar o crescimento e produtividade de colheita de plantas ajustando-se os níveis de hormônio da planta, relações e/ou co-fatores
(71) Stoller Enterprises, Inc. (US)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 22 da LPI

(21) **PI 0418119-0** A2 **9.2**
(22) 13/12/2004
(54) PROCESSO DE TRATAMENTO DE UMA CARGA HIDROCARBONADA, INCLUINDO UMA RETIRADA DAS RESINAS
(71) Institut Français du Petrole (FR)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 8º, 13 e 25 da LPI.

(21) **PI 0504145-7** A2 **9.2**
(22) 23/09/2005
(54) Composições com um efeito de depósito para o controle de microorganismos
(71) Evonik Goldschmidt GmbH (DE)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13; art. 10 da LPI

(21) **PI 0505721-3** A2 **9.2**
(22) 16/12/2005
(54) APERFEIÇOAMENTOS INTRODUZIDOS EM SISTEMA DE DISTRIBUIÇÃO E PURIFICAÇÃO DE ÁGUA PARA RESFRIAMENTO DE BATERIAS AUTOMOTIVAS EM PROCESSO DE CARGA E TANQUE PARA RESFRIAMENTO
(71) Desga Ambiental Indústria e Comércio Ltda. (BR/SP)
(74) P.A. Produtores Associados Marcas e Patentes Ltda.
Indefiro o pedido de acordo com o Art. 8º e Art. 13 da LPI

(21) **PI 0506625-5** A2 **9.2**
(22) 11/02/2005
(54) ARTIGO E MÉTODO PARA PRODUZIR UM OBJETO MOLDADO
(71) Diamond Innovations, Inc. (US)
(74) Paulo Sérgio Scatamburlo
Indefiro o pedido de acordo com o(s) artigo(s) da LPI

(21) **PI 0905265-8** A2 **9.2**
(22) 02/04/2009
(54) CONVERSÃO AERODINÂMICA DE ENERGIA EÓLICA
(71) ARNO CLOVIS ALVES CABRAL (BR/SP)
Indefiro o pedido de acordo com o(s) artigo(s) 8º e 13 da LPI.

(21) **PI 1105416-6** A2 **9.2**
(22) 21/12/2011
(54) SISTEMA DE CONTROLE SEM FIO DE POTÊNCIAS ELÉTRICAS PARA APLICAÇÃO EM REDES INTELIGENTES
(71) UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP (BR/SP)
(74) LUCIANA ALBOCCINO BARBOSA CATALANO
Indefiro o pedido de acordo com o Art. 8º combinado com Art. 13 da LPI

(21) **PI 9916406-0** A2 **9.2**
(22) 21/12/1999
(54) SISTEMA, MÉTODO E APARELHO PARA CONECTAR FORÇAS ELÉTRICAS EM SÉRIE SOB CARGA PLENA
(71) Siemens Industry, Inc. (US)
(74) Tavares Propriedade Intelectual Ltda.
Indefiro o pedido de acordo com o Art .8º combinado com Art. 13 da LPI

(21) **PI 9917803-6** A2 **9.2**
(22) 25/05/1999
(54) MÉTODO PARA REDUZIR A EXPRESSÃO DE UM GENE ALVO EM UMA CÉLULA DE PLANTA, VETOR DE TRANSFORMAÇÃO DE PLANTA E SEU USO, BEM COMO MÉTODO PARA PRODUZIR UMA PLANTA GENETICAMENTE TRANSFORMADA
(62) PI 9910729-5 25/05/1999
(71) Syngenta Participations AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Indefiro o pedido de acordo com o(s) artigo(s) 32 da LPI

9.2.4 MANUTENÇÃO DO INDEFERIMENTO

(21) **MU 8000291-9** U2 **9.2.4**
(22) 24/02/2000
(54) DISPOSIÇÃO INTRODUZIDA EM EMBALAGEM TIPO SPLAY OU AEROSOL PARA PULVERIZAÇÃO DE PRODUTO ANTI-MOFO EM PRODUTOS ALIMENTÍCIOS
(71) Mário Costa Cavalcante Neto (BR/SP)
(74) Cruzeiro / Newmarc Patentes e Marcas Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8000671-0** U2 **9.2.4**
(22) 24/01/2000
(54) TAMPA DE LACRE DE BARRIL DE CHOPE.
(71) Delfim da Silva Chaves (BR/RJ)
(74) Montaury Pimenta, Machado & Lioce S/C Ltda
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8002455-6** U2 **9.2.4**
(22) 01/11/2000
(54) DISPOSIÇÃO INTRODUZIDA EM ESCORREDOR DOBRÁVEL PARA LOUÇAS E TALHERES
(71) Maria da Graça Marques (BR/SP)
(74) Mário de Nani Júnior
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8100170-3** U2 **9.2.4**
(22) 29/01/2001
(54) BARRA PARA CORTINA
(71) Welby Francisco Belchior (BR/SP)
(74) SPI Marcas & Patentes S/C Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8100566-0** U2 **9.2.4**
(22) 09/03/2001
(54) DISPOSIÇÃO EM CALÇADO COM TIRA TRASEIRA REMOVÍVEL
(71) Grendene S/A (BR/CE)
(74) Custódio de Almeida & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8103132-7** U2 **9.2.4**
(22) 21/12/2001
(54) MÓVEL COM FOGÃO E PIA INTEGRADOS
(71) Color Visão do Brasil Indústria Acrílica LTDA. (BR/SP)
(74) Sul América Marcas e Patentes S/C Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8103386-9** U2 **9.2.4**
(22) 02/10/2001
(54) PARAFUSO COM R/DE PARA TALA DE JUNÇÃO 2P
(71) Loreni Antonio Cardoso (BR/SC) , Metalúrgica Spillere Ltda. (BR/SC) , Agnaldo Filippi (BR/SC)
(74) Mário de Almeida Marcas e Patentes Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8202648-3** U2 **9.2.4**
(22) 04/11/2002
(54) DISPOSIÇÃO CONSTRUTIVA INTRODUZIDA EM CONJUNTO DE POTE E TAMPA PARA ENVASE DE PRODUTOS ALIMENTÍCIOS
(71) Sadia S.A (BR/SC)
(74) Marcela Xavier da Silveira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8202739-0** U2 **9.2.4**
(22) 18/11/2002
(54) CARPETE MODULAR EM PLACAS COM BASE EM PVC
(71) Jose Carlos da Costa Pereira (BR/SP)
(74) Fernando Perandín Evangelista
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8203139-8** U2 **9.2.4**
(22) 28/06/2002
(54) MODELO DE ETIQUETA PARA MÁQUINAS DE BALANÇA
(71) Tania Josefina Tonetto Bruno (BR/SP) , Leandro Salvador Goulart (BR/MG)
(74) Minasmarca & Patente S/C LTDA
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8300199-9** U2 **9.2.4**
(22) 10/02/2003
(54) DISPOSIÇÃO CONSTRUTIVA EM KIT DE POLTRONA
(71) Casa Básica Comércio Ltda. (BR/SP)
(74) ANA PAULA SANTOS CELIDONIO
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8300593-5** U8 **9.2.4**
(22) 09/05/2003
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM PALETE
(71) Evelin Pierina Cogo Becher (BR/PR)
(74) Marpa Cons. e Asses. Empres. Ltda
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8301174-9** U2 **9.2.4**
(22) 09/06/2003
(54) DISPOSIÇÃO APLICADA EM INVÓLUCRO PARA ACONDICIONAMENTO DE PRODUTOS DESTINADOS AO PREPARO DE SORVETES
(71) Valternei Kremer (BR/PR)
(74) London Marcas & Patentes S/C Ltda

MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8301275-3** U8 **9.2.4**
(22) 15/07/2003
(54) PAINEL VIBRO-ACÚSTICO DE BORRACHA
(71) Gilberto Lunardon (BR/PR)
(74) Marcelo Henrique Zanoni
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8302406-9** U2 **9.2.4**
(22) 03/06/2003
(54) PORTA PIZZA TÉRMICO
(71) Marilei Lucia da Fonseca (BR/SC)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8302924-9** U2 **9.2.4**
(22) 17/07/2003
(54) APERFEIÇOAMENTO INTRODUZIDO EM EMBALAGEM DESCARTÁVEL PARA DISPONIBILIZAR PAPEL HIGIÊNICO COM FOLHAS PRÉ-CORTADAS E INTERCALADAS
(71) Neivaldo Kuss (BR/PR)
(74) Carlos Eduardo Gomes da Silva
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8303105-7** U2 **9.2.4**
(22) 30/12/2003
(54) CAIXA MODULADA
(71) Magnesita Refratários S.A. (BR/MG)
(74) Momsen, Leonardos & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8303122-7** U2 **9.2.4**
(22) 15/12/2003
(54) APERFEIÇOAMENTO EM FECHAMENTO PARA LATAS
(71) Pedro Bruni Labate (BR/SP)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8303380-7** U2 **9.2.4**
(22) 18/07/2003
(54) SACOS DE LIXO SELETIVOS
(71) Ricardo Maluf Palombo (BR/SP) , Carlos de Fraia (BR/SP)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8401225-0** U2 **9.2.4**
(22) 14/06/2004
(54) ARMÁRIO DE MÚLTIPLAS APLICAÇÕES EM GERAL
(71) Marcelo Lobenwein Freitas Cayres (BR/PR)
(74) Ivando Santos Souza
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8401290-0** U2 **9.2.4**
(22) 16/06/2004
(54) APERFEIÇOAMENTO CONSTRUTIVO INTRODUZIDO EM LIXA DE AÇO INOXIDÁVEL DIAMANTADA E PERFURADA PARA USO ODONTOLÓGICO
(71) Gilmar Aparecido de Souza Junior (BR/SP)
(74) Celso de Carvalho Mello
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8402069-5** U2 **9.2.4**
(22) 27/05/2004
(54) PRÁTICA
(71) Ciro Osvaldo Raye de Aguiar (BR/DF)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8403048-8** U2 **9.2.4**
(22) 26/08/2004
(54) KIT PARA REFEIÇÃO DESCARTÁVEL
(71) Bruno Bertani Júnior (BR/RJ)
(74) Welington de Souza Ferreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8403068-2** U2 **9.2.4**
(22) 17/12/2004
(54) DISPOSITIVO PARA PENDURAR UTENSÍLIOS METÁLICOS FERROSOS CORTANTES E NÃO CORTANTES
(71) Juarez Silva Vieira de Carvalho (BR/SP)
(74) O PRÓPRIO
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8403250-2** U2 **9.2.4**
(22) 17/09/2004
(54) EMBALAGEM DESCARTÁVEL DE LÍQUIDOS E SÓLIDOS PARA ANIMAIS
(71) Wagner José Maia Caldas (BR/RJ)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8500005-1** U2 **9.2.4**
(22) 06/01/2005
(54) DISPOSIÇÃO CONSTRUTIVA EM COBERTA DE CAMA
(71) Jaime da Silva Telles (BR/SC)
(74) Alice Fausto de Oliveira Ramos
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8500419-7** U2 **9.2.4**
(22) 18/03/2005
(54) APERFEIÇOAMENTOS INTRODUZIDOS EM HASTES COM ALGODÃO PARA ASSEPSIA
(71) Daniel Benzecry de Almeida (BR/PR)
(74) Julio Gonçalves
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8500460-0** U2 **9.2.4**
(22) 11/03/2005
(54) DISPOSIÇÃO CONSTRUTIVA APLICADA EM BRINQUEDO COM IMPULSIONADOR
(71) Líder Indústria e Comércio de Brinquedos Ltda (BR/SP)
(74) Marcas Marcantes e Patentes Ltda
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 8500853-2** U2 **9.2.4**
(22) 04/05/2005
(54) SERINGA MONO-DOSE
(71) König do Brasil Ltda (BR/SP)
(74) Rubens dos Santos Filho
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **MU 9001880-0** U2 **9.2.4**
(22) 11/10/2010
(54) DISPOSIÇÃO CONSTRUTIVA EM EMBALAGEM PARA ACONDICIONAMENTO DE PIERCING E BRINCOS
(71) Valquiria Feijo dos Santos (BR/RS)
(74) Marpa Consultoria & Assessoria Empresarial Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0000644-0** A2 **9.2.4**
(22) 02/03/2000
(54) DISPOSIÇÃO CONSTRUTIVA EM CADERNO PARA DESENHO
(71) MW - Editora e Ilustrações LTDA-ME (BR/SP)
(74) Nobel Marcas e Patentes S/C Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0003712-5** A2 **9.2.4**
(22) 11/08/2000
(54) CONFIGURAÇÃO APLICADA EM BRINCO
(71) Thereza Christina Ruiz de Toledo Abreu (BR/SP)
(74) O próprio
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0004100-9** A2 **9.2.4**
(22) 04/09/2000
(54) SELO OU RÓTULO PERSONALIZADO E IDENTIFICADOR DE PROCEDÊNCIA DO COMBUSTÍVEL E/OU DISTRIBUIDOR
(71) Ailton Polo Algaves (BR/SP)
(74) Silva & Guimarães Marcas e Patentes Ltda.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0005059-8** A2 **9.2.4**
(22) 26/10/2000
(54) FLUTUADOR E COMBINAÇÃO DE FLUTUADORES
(71) Adriano Luiz Carneiro Sabino (BR/SP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0006434-3** A2 **9.2.4**
(22) 08/12/2000
(54) DISPOSITIVO ELETRÔNICO DE EXIBIÇÃO DE MÍDIA
(71) Autostar Comercial e Importadora Ltda. (BR/SP)
(74) Miranda, Kneblewski e Advogados Associados
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0016477-1** A2 **9.2.4**
(22) 13/12/2000
(54) CANUDO APERFEIÇOADO
(71) Paul Daniel Sheedy (IE)
(74) Tinoco Soares & Filho S/C Ltda
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0017124-7** A2 **9.2.4**
(22) 11/08/2000
(54) ARTIGO MÉDICO
(71) 3M Innovative Properties Company (US)
(74) Momsen, Leonardos & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0104893-7** A2 **9.2.4**
(22) 30/10/2001
(54) COMPRESSOR ALTERNADO COM UMA ESTRUTURA DE REDUÇÃO DE PULSAÇÃO DE DESCARGA
(71) Samsung Gwangju Electronics Co., Ltd. (KR)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0105288-8** A2 **9.2.4**
(22) 08/06/2001
(54) FÔRMAS PLÁSTICAS PARA MOLDAGEM E CONSTRUÇÃO DE PAREDES, VIGAS, LAJES, PILARES, ESCADAS E EMPENAS EM CONCRETO CELULAR OU CONVENCIONAL.
(71) Claudio Nobre Barcellos (BR)
(74) Silva & Guimaraes Marcas e Patentes Ltda
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0116809-6** A2 **9.2.4**
(22) 20/11/2001
(54) MOTOR DE COMBUSTÃO INTERNA DE SISTEMA NATURAL DE ASPIRAÇÃO PARA VEÍCULO
(71) Honda Giken Kogyo Kabushiki Kaisha (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0117268-9** A2 **9.2.4**
(22) 08/03/2001
(54) ESCOVA DE DENTES, APARELHO, CABEÇA DE ESCOVA DE DENTES, E, MÉTODO PARA A FABRICAÇÃO DE UMA ESCOVA DE DENTES
(71) Gillette Canada Company (CA)
(74) Momsen, Leonardos & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0117301-4** A2 **9.2.4**
(22) 20/06/2001
(54) COBERTURA PARA PISO, E, PAINEL
(71) Flooring Industries Ltd. (IE)
(74) Custódio de Almeida & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0201326-6** A2 **9.2.4**
(22) 04/04/2002
(54) SINALIZADOR LUMINOSO PARA BALIZAMENTO DE AUTOMÓVEIS
(71) Jairo Ramalho Tomeo (BR/MG)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0203377-1** A2 **9.2.4**
(22) 20/06/2002
(54) ESPELHO RETROVISOR EXTERNO PARA VEÍCULO AUTOMOTIVO
(71) Metagal Indústria e Comércio LTDA (BR/MG)
(74) José Antonio de Souza Cappelinni
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0205132-0** A2 **9.2.4**
(22) 25/11/2002
(54) EMBALAGEM PORTÁTIL PARA ABSORVENTE INTERNO
(71) Johnson & Johnson Industrial LTDA. (BR/SP)
(74) Antonio M. P. Arnaud
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0206050-7** A2 **9.2.4**
(22) 27/09/2002
(54) APARELHO E MÉTODO DE INSTALAÇÃO DE TORNEIRA DE CONTROLE ÚNICO
(71) Newfrey LLC (US)
(74) NELLIE ANNE DAIEL-SHORES
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0207389-7** A2 **9.2.4**
(22) 14/02/2002
(54) APARELHO PARA O AMORTECIMENTO DE RESSONÂNCIA EM UM CONDUTO
(71) Volvo Lastvagnar AB (SE)
(74) Magnus Aspeby
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0210095-9** A2 **9.2.4**
(22) 29/05/2002
(54) LUVA DE DESGASTE
(71) RigSupply AS (NO)
(74) Magnus Aspeby
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0210724-4** A2 **9.2.4**
(22) 03/06/2002
(54) MONTAGEM CONTENDO LEITE CONDENSADO ADOÇADO
(71) Societe des Produits Nestle S. A. (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0300335-3** A2 **9.2.4**
(22) 03/02/2003
(54) ARRANJO DE PRATELEIRA PARA FOGÃO
(71) Whirlpool S.A. (BR/SP)
(74) Carina Souza Rodrigues
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0302791-0** A2 **9.2.4**
(22) 14/08/2003
(54) PROCESSO DE RECICLAGEM DE LAMA GROSSA DE ACIARIA OU REJEITOS INDUSTRIAIS OU METALÚRGICOS, ATRAVÉS DA CONCENTRAÇÃO GRAVIMÉTRICA DE FERRO METÁLICO OU ÓXICOS DE FERRO EM ESPIRAIS CONCENTRADORAS
(71) K&K Tecnologias Industriais S.A. (BR/RJ)
(74) João de Paula Ferreira - Lancaster
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0303527-1** A2 **9.2.4**
(22) 15/08/2003
(54) DISPOSITIVO PARA CALIBRAÇÃO DE PNEUS
(71) Élio de Mello Castanho Junior (BR/PR) , José Emiliano dos Santos (BR/PR)
(74) A Criativa Marcas e Patentes S/C LTDA
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0304055-0** A2 **9.2.4**
(22) 28/10/2003
(54) SUPORTE OU SEPARADOR EM CRUZ VIRTUAL OU CONCRETA NA HORIZONTAL, COM PROPOSTA DE APOIO EM CRUZ PARA ALÇAS
(71) Maria de Fatima do Prado Valladares (BR/SP)
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0307025-5** A2 **9.2.4**
(22) 30/01/2003
(54) MINISTRADOR LAMINADO DE INSETICIDA, E, USO DO MESMO
(71) Vestergaard Frandsen SA (CH)
(74) Momsen, Leonardos & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0307132-4** A2 **9.2.4**
(22) 15/12/2003
(54) DISPOSITIVO LAVA PÉS
(71) Jurandi Pereira Reis (BR/ES)
(74) Wagner José Fafá Borges
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0312070-8** A2 **9.2.4**
(22) 05/06/2003
(54) ALIMENTADOR PARA AVES
(71) CTB, Inc (US)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0315311-8** A2 **9.2.4**
(22) 14/10/2003
(54) MATERIAL PERMEÁVEL
(71) Vesuvius Crucible Company (US)
(74) Momsen, Leonardos & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0316251-6** A2 **9.2.4**
(22) 13/10/2003
(54) RECIPIENTE
(71) Schoeller Wavin Systems Services GmbH (DE)
(74) Hugo Silva, Rosa & Maldonado-Prop. Int
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0317218-0** A2 **9.2.4**
(22) 19/12/2003
(54) PROCESSO PARA A RECUPERAÇÃO DE UM METAL PRECIOSO DE UM MATERIAL SULFÍDICO, PROCESSO PARA A REMOÇÃO DE UM CONTAMINANTE DE UM MATERIAL SULFÍDICO CONTAMINADO, PROCESSO PARA O TRATAMENTO DE UM MATERIAL SULFÍDICO CONTAMINADO E QUALQUER METAL
(71) Intec Ltd. (AU)
(74) Veirano e Advogados Associados
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0317961-3** A2 **9.2.4**
(22) 10/12/2003
(54) ROLO FUNDIDOR
(71) Alcoa Inc (US)
(74) Dannnemann, Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0400029-3** A2 **9.2.4**
(22) 16/01/2004
(54) PROCESSO PARA A REMOÇÃO DE FEZES E SUBSTÂNCIA PARA RETIRADA DE FEZES
(71) Roberto Solano Carneiro de Novaes (BR/RJ)
(74) Paulo C. Oliveira & Cia
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0403942-4** A2 **9.2.4**
(22) 27/01/2004
(54) CABEÇA PARA UMA ESCOVA DE DENTES
(71) The Gillette Company (US)
(74) KASZNAR LEONARDOS PROP. INTELECTUAL
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0408001-7** A2 **9.2.4**
(22) 19/02/2004
(54) LIGA DE AÇO INOXIDÁVEL DUPLEX E UTILIZAÇÃO DA MESMA
(71) Sandvik Intellectual Property HB (SE)
(74) Magnus Aspeby e Claudio Marcelo Szabas
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0408562-0** A2 **9.2.4**
(22) 24/02/2004
(54) MÉTODO DE MANUFATURA PARA FERRO METÁLICO GRANULADO COM BAIXA CONCENTRAÇÃO DE ENXOFRE
(71) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) (JP)
(74) Vieira de Mello Advogados
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0419349-0** A2 **9.2.4**
(22) 24/02/2004
(54) PROCESSO PARA LINGOTAMENTO CONTÍNUO DE METAIS E DISPOSITIVO PARA A REALIZAÇÃO DO MESMO
(71) SO & SO Sommerhofer Oeg (AT)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0504427-8** A2 **9.2.4**
(22) 13/10/2005
(54) INSTALAÇÃO DE FUNDIÇÃO DIRETA; DISPOSITIVO DE ALIMENTAÇÃO DE SÓLIDOS PARA UM VASO DE FUNDIÇÃO DIRETA E PROCESSO DE FUNDIÇÃO DIRETA
(71) Technological Resources Pty Ltd (AU)
(74) Vieira de Mello Advogados
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0506216-0** A2 **9.2.4**
(22) 22/12/2005
(54) PROCESSO DE CONCENTRAÇÃO DE MINÉRIO DE FERRO E RESÍDUOS SIDERÚRGICOS UTILIZANDO SEPARADORES MAGNÉTICOS TIPO JONES COM PLACAS MATRIZES DE ABERTURA MAIOR QUE 3,7 MM E MENOR OU IGUAL A 5,7 MM
(71) José Pancrácio Ribeiro (BR/MG) , Cláudio Henrique Teixeira Ribeiro (BR/MG)

MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0507304-9** A2 **9.2.4**
(22) 07/02/2005
(54) PROCESSO PARA A PRODUÇÃO DE UM MOLDE EM CONCHA, E, MOLDE EM CONCHA
(71) The University Of Birmingham (GB)
(74) Kasznar Leonardos Prop. Intelectual
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 0508007-0** A2 **9.2.4**
(22) 07/02/2005
(54) PROCESSO DE TRATAMENTO DE ALUMÍNIO EM UM FORNO ROTATIVO OU REVÉRBERO
(71) L'Air Liquide Société Anonyme À Directoire Et Conseil De Surveillance Pour L'Étude Et L'Exploitation Des Procédés Georges Claude (FR)
(74) Orlando de Souza
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 9807809-7** A2 **9.2.4**
(22) 25/02/1998
(54) SISTEMA AGLUTINANTE DE FUNDIÇÃO, MISTURA E MOLDE DE FUNDIÇÃO, PROCESSOS DE CAIXA RESFRIADA PARA PREPARAR UM MOLDE DE FUNDIÇÃO E DE FUNDIÇÃO DE UM ARTIGO METÁLICO, E, ARTIGO METÁLICO
(71) Ashland INC. (US)
(74) Momsen, Leonardos & CIA.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 9900996-0** A2 **9.2.4**
(22) 11/03/1999
(54) "CONJUNTO DE FILTRO PARA COMPARTIMENTOS LIMPOS, COMBINAÇÃO DE UMA UNIDADE DE FILTRO INDIVIDUAL E UM CONJUNTO DE SUSPENSÃO DA UNIDADE DE FILTRO E DE UMA UNIDADE DE MONTAGEM INDIVIDUAL E UM PRENDEDOR, UNIDADE DE FILTRO E COMPARTIMENTO LIMPO"
(71) Hepa Corporation (US)
(74) Momsen, Leonardos & Cia.
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

(21) **PI 9917087-6** A8 **9.2.4**
(22) 03/06/1999
(54) PROCESSO DE PRODUÇÃO DE UMA CHAPA DE AÇO DE INTEMPERISMO DE VÁRIOS EMPREGOS COMO LAMINADA E PRODUTO A PARTIR DELA
(71) ISG Technologies Inc. (US) , Pohang Iron & Steel Co., Ltd. (KR)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
MANTIDO O INDEFERIMENTO UMA VEZ QUE NÃO FOI APRESENTADO RECURSO DENTRO DO PRAZO LEGAL.

10. Desistência

10.1 DESISTÊNCIA HOMOLOGADA

(21) **PI 1101563-2** A2 **10.1**
(22) 08/04/2011
(71) CARLINDO CAJAZEIRA DE CARVALHO (BR/SP)
Homologada a desistência do pedido, solicitada através da petição nº 018130032578/SP de 27/09/2013.

11. Arquivamento

11.1 ARQUIVAMENTO - ART. 33 DA LPI

(21) **C1 0709965-7** E2 **11.1**
(22) 16/12/2010
(61) PI 0709965-7 12/04/2007
(71) Nupathe Inc. (US)
(74) Nellie Anne Danie-Shores

(21) **C1 0800746-2** E2 **11.1**
(22) 17/11/2010
(61) PI 0800746-2 11/02/2008
(71) IGOR MIMICA MIMICA (BR/SP)
(74) LUCILA LUPO

(21) **C1 0801412-4** E2 **11.1**
(22) 18/10/2010
(61) PI 0801412-4 02/04/2008
(71) Elisson Ricardo Pasinato (BR/PR)
(74) Marcos Antonio Nunes

(21) **C2 0402746-9** E2 **11.1**
(22) 03/04/2009
(61) PI 0402746-9 15/07/2004
(71) Ampla Energia e Serviços S.A. (BR/RJ)
(74) Joubert Gonçalves de Castro

(21) **C2 0709965-7** E2 **11.1**
(22) 16/12/2010
(61) PI 0709965-7 12/04/2007
(71) Nupathe Inc. (US)
(74) Nellie Anne Danie-Shores

(21) **MU 8702630-9** U2 **11.1**
(22) 29/07/2007
(71) MOLDACON- MOLDADOS DE CONCRETO COMÉRCIO E CONSTRUÇÃO LTDA. (BR/PA)

(21) **MU 8901824-9** U2 **11.1**
(22) 27/08/2009
(71) Edivaldo Ivo Junqueira (BR/PR)

(21) **MU 8902283-1** U2 **11.1**
(22) 16/10/2009
(71) Rodo Linea Implementos para Transporte Ltda (BR/PR)
(74) BRASIL SUL MARCAS E PATENTES S/C LTDA

(21) **MU 8902610-1** U2 **11.1**
(22) 10/11/2009
(71) Waldoylson da Silva Miranda (BR/SP)

(21) **MU 9000007-2** U2 **11.1**
(22) 28/01/2010
(71) Bonatec Indústria e Comércio de Plásticos Ltda (BR/MG)

(21) **MU 9000509-0** U2 **11.1**
(22) 22/01/2010
(71) Emerson Savaris (BR/PR)
(74) José Diogo Guilen

(21) **MU 9000518-0** U2 **11.1**
(22) 30/04/2010
(71) Jair de Souza (BR/SC) , João Carlos Stakonski (BR/SC) , Josué Menezes (BR/SC)
(74) Sandro Conrado da Silva

(21) **MU 9000519-8** U2 **11.1**
(22) 07/04/2010
(71) Avtec Equipamentos Off Road Ltda - Me (BR/SC)
(74) Sandro Wunderlich

(21) **MU 9000520-1** U2 **11.1**
(22) 07/04/2010
(71) Taís Colucci (BR/SP)
(74) Lenice dos Santos Marino

(21) **MU 9000524-4** U2 **11.1**
(22) 30/04/2010
(71) Renato Martineli de Souza Pereira (BR/MG)

(21) **MU 9000548-1** U2 **11.1**
(22) 27/04/2010
(71) Original Publicidade e Comunicações Ltda Me (BR/SC)
(74) Leila Krause Signorelli

(21) **MU 9000604-6** U2 **11.1**
(22) 07/04/2010
(71) RODRIGO BELTRAMINI ONISHI (BR/SP)

(21) **MU 9000670-4** U2 **11.1**
(22) 10/03/2010
(71) Jackssonn Luiz Telo (BR/SC)
(74) Everton Luis Rossin

(21) **MU 9000674-7** U2 **11.1**
(22) 24/09/2010
(71) MARIA DAS NEVES KUWAMOTO ROMERO RUBIO (BR/SP)

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(22) 14/05/2010
(71) Rodrigo Martins Naves (BR/SP)

(21) **MU 9000725-5** U2 **11.1**
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(71) Nathaniel Gubernikoff (BR/SP)

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(22) 10/05/2010
(71) Valdemar Pedro Rodrigues (BR/SP) , Esterlin da Fonseca Rodrigues (BR/SP)
(74) Vilage Marcas & Patentes S/S Ltda

(21) **MU 9000747-6** U2 **11.1**
(22) 25/05/2010
(71) Amanco Brasil Ltda (BR/SC)
(74) Orlando de Souza

(21) **MU 9000805-7** U2 **11.1**
(22) 04/06/2010
(71) LUIZ TADAYUKI FUKUOKA (BR/SP)

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(71) RODRIGO LACERDA PEREIRA (BR/SP)

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(71) FRANCISCO SALAS BADIA (BR/SP)

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(71) Inah Celina Guimarães Vieira da Silva (BR/SC)

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(71) Volnei Faber (BR/SC)
(74) Anel Marcas e Patentes Ltda

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(71) Claudiomar Ivaldo de Aguiar (BR/SC)
(74) Anel Marcas e Patentes Ltda.

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(22) 10/06/2010
(71) Socelplast Indústria de Plástico Ltda (BR/SC)
(74) Sandro Wunderlich

(21) **MU 9000840-5** U2 **11.1**
(22) 04/06/2010
(71) Gustavo Rodrigues Pereira (BR/MG) , RICARDO EUSTÁQUIO RIGHI REIS (BR/MG)
(74) Propria Assessoria e Consultoria Marcas e Patentes Ltda

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(22) 20/05/2010
(71) ALEXANDRE GALEBE JUNIOR (BR/SP)

(21) **MU 9000957-6** U2 **11.1**
(22) 01/09/2010
(71) Adeir Pinto da Silva (BR/MT)

(21) **MU 9000989-4** U2 **11.1**
(22) 30/09/2010
(71) Jobe Indústria e Comércio de Plásticos Ltda (BR/SP)
(74) Pedro Lorenço

(21) **MU 9001021-3** U2 **11.1**
(22) 30/09/2010
(71) Jobe Indústria e Comércio de Plásticos Ltda (BR/SP)
(74) Pedro Lourenço

(21) **MU 9001031-0** U2 **11.1**

(22) 29/09/2010
(71) Michele Tavares Fernandes (BR/SC)
(74) Andres Custódio Füchter

(21) **MU 9001032-9** U2 **11.1**
(22) 29/09/2010
(71) Marcos Antonio Galina (BR/SC)
(74) Saulo Leal FI.

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(22) 27/07/2010
(71) Marcelo Sperb. (BR/RS)
(74) André Luiz Varella Andreoli

(21) **MU 9001036-1** U2 **11.1**
(22) 30/09/2010
(71) Carlo Rafael Seyboth (BR/PR)

(21) **MU 9001050-7** U2 **11.1**
(22) 09/07/2010
(71) Ryoji Yamauchi (BR/PR)
(74) Thomas Raymund Korontai

(21) **MU 9001051-5** U2 **11.1**
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(71) PKR Usinagem e Serviços LTDA - ME (BR/PR)
(74) Jose Diogo Guilen

(21) **MU 9001052-3** U2 **11.1**
(22) 08/07/2010
(71) Luiz Roberto Ramos (BR/PR)

(21) **MU 9001053-1** U2 **11.1**
(22) 08/07/2010
(71) Diego Boessio (BR/BA) , Adelir Grégio (BR/RS)
(74) Norberto Pardelhas de Barcellos

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(22) 09/07/2010
(71) David Machado (BR/SC)
(74) Nilvan Paulo Minguranse

(21) **MU 9001055-8** U2 **11.1**
(22) 09/07/2010
(71) Vilson Zielinski (BR/SC)
(74) Nilvan Paulo Minguranse

(21) **MU 9001056-6** U2 **11.1**
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(71) Leonel Adão Correa (BR/SC)
(74) Nivan Paulo Minguranse

(21) **MU 9001057-4** U2 **11.1**
(22) 09/07/2010
(71) Dilciomar Carlos Santin (BR/SC)
(74) Sandro Conrado da Silva

(21) **MU 9001083-3** U2 **11.1**
(22) 10/09/2010
(71) Carlos Alberto Galeano (BR/RS)

(21) **MU 9001107-4** U2 **11.1**
(22) 06/07/2010
(71) Pro Solus do Brasil Ltda (BR/PR)
(74) Valor Marcas e Patentes S/S Ltda

(21) **MU 9001112-0** U2 **11.1**
(22) 06/07/2010
(71) Che-Kai Chen (TW)
(74) Milton Lucídio Leão Barcellos

(21) **MU 9001127-9** U2 **11.1**
(22) 05/07/2010
(71) Wilson Blassioli (BR/ES)
(74) Wagner José Fafa Borges

(21) **MU 9001128-7** U2 **11.1**
(22) 12/07/2010
(71) Roque Tarcisio Kloeckner (BR/RS)

(21) **MU 9001129-5** U2 **11.1**
(22) 13/07/2010
(71) Marcelo Maia Barbosa (BR/PB)

(21) **MU 9001131-7** U2 **11.1**
(22) 29/07/2010
(71) Thais Mol Vinhal (BR/MG)
(74) Marcelo Henrique Zanoni

(21) **MU 9001134-1** U2 **11.1**
(22) 02/07/2010
(71) Nelson Cristiano Santos Jucoski (BR/SC)
(74) Edemar Soares Antonini

(21) **MU 9001136-8** U2 **11.1**
(22) 30/07/2010
(71) Renato Cirico (BR/SC) , Adriano Lourenço (BR/SC)
(74) Sandro Conrado da Silva

(21) **MU 9001137-6** U2 **11.1**
(22) 30/07/2010
(71) Alexandre Carlo Magrin Moura (BR/PR)
(74) Pacheco & Advogados Associados

(21) **MU 9001144-9** U2 **11.1**
(22) 01/07/2010
(71) Celita Aparecida Andrade Romanelli (BR/PR)
(74) Marcelo Alves Pereira

(21) **MU 9001146-5** U2 **11.1**
(22) 28/07/2010
(71) Flavia Coutinho Katz (BR/RJ)
(74) Portfolio Marcas & Patentes Ltda

(21) **MU 9001148-1** U2 **11.1**
(22) 22/07/2010
(71) Roberto Becker (BR/RJ)

(21) **MU 9001149-0** U2 **11.1**
(22) 01/07/2010
(71) Antônio Schmitz Pereira (BR/RJ)

(21) **MU 9001154-6** U2 **11.1**
(22) 07/07/2010
(71) José Carlos Fernando Ramiro (BR/RJ)

(21) **MU 9001159-7** U2 **11.1**
(22) 08/07/2010
(71) Humberto Marambaia (BR/RJ)
(74) Claudemir Monteiro Silva

(21) **MU 9001160-0** U2 **11.1**
(22) 13/07/2010
(71) João Carlos Rigotto (BR/RS)
(74) Idea Marcas e Patentes Ltda

(21) **MU 9001162-7** U2 **11.1**
(22) 12/07/2010
(71) Roque Tarcisio Kloeckner (BR/RS)

(21) **MU 9001163-5** U2 **11.1**
(22) 12/07/2010
(71) Délberton de Souza Alvarenga (BR/ES)
(74) Wagner José Fafa Borges

(21) **MU 9001164-3** U2 **11.1**
(22) 23/07/2010
(71) Paulo Eduardo Przysiezny (BR/PR)
(74) Carlos Eduardo Gomes da Silva

(21) **MU 9001165-1** U2 **11.1**
(22) 26/07/2010
(71) Samanta Bertelli (BR/PR)
(74) Brasil Sul Marcas e Patentes S/C Ltda

(21) **MU 9001166-0** U2 **11.1**
(22) 21/07/2010
(71) Cícero de Oliveira Morais (BR/SC) , Alorindo Rodrigues da Silva (BR/SC)
(74) Rogerio de Souza

(21) **MU 9001168-6** U2 **11.1**
(22) 30/07/2010
(71) Carlos Ubiratan Apolonio (BR/SC)
(74) José Sarmento

(21) **MU 9001169-4** U2 **11.1**
(22) 14/07/2010
(71) Enio José Farina (BR/RS)

(21) **MU 9001170-8** U2 **11.1**
(22) 20/07/2010
(71) Horacio Themoteo Neto (BR/PE)

(21) **MU 9001198-8** U2 **11.1**
(22) 28/07/2010
(71) Jean Carlo Kempf (BR/RS)

(21) **MU 9001199-6** U2 **11.1**
(22) 06/07/2010
(71) Ubiratã Azevedo (BR/DF)

(21) **MU 9001200-3** U2 **11.1**
(22) 19/07/2010
(71) Jofre José Freire Bonito (BR/BA)

(21) **MU 9001203-8** U2 **11.1**
(22) 26/07/2010
(71) Roque Tarcísio Kloeckner (BR/RS)

(21) **MU 9001217-8** U2 **11.1**
(22) 02/07/2010
(71) Domingos Lombardi (BR/PR)

(21) **MU 9001218-6** U2 **11.1**
(22) 28/07/2010
(71) VALDELEI MANOEL RUIZ (BR/SP)
(74) Beérre Assessoria Empresarial S/C Ltda

(21) **MU 9001220-8** U2 **11.1**
(22) 19/07/2010
(71) DUILIO VIEL (BR/SP)
(74) Octavio Tinoco Soares Filho

(21) **MU 9001223-2** U2 **11.1**
(22) 28/07/2010
(71) WILLIAM TOSHIO SAKAI (BR/SP)
(74) José Bueno da Silva Filho

(21) **MU 9001224-0** U2 **11.1**
(22) 06/07/2010
(71) LINCOLN BARBOSA SILVA (BR/SP)

(21) **MU 9001225-9** U2 **11.1**
(22) 15/07/2010
(71) LUIS CESAR PEPECE (BR/SP)
(74) ITAMARATI PATENTES E MARCAS LTDA

(21) **MU 9001231-3** U2 **11.1**
(22) 08/07/2010
(71) SAYONARA MACHADO FREIRE (BR/BA)
(74) Joel Ribeiro do Prado

(21) **MU 9001233-0** U2 **11.1**
(22) 06/07/2010
(71) PAULO ROBERTO AKIYOSHI GOMES (BR/SP)

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(74) MARCO ANTONIO DE OLIVEIRA

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(74) David do Nascimento Advogados Associados

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(74) Anel Marcas e Patentes Ltda.

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(74) Heloisa Cortiani de Oliveira

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(74) Paulo Roberto Carvalho dos Santos

(21) **MU 9002629-2** U2 **11.1**
(22) 29/11/2010
(71) NEWPEN DO BRASIL INDUSTRIA E COMERCIO LTDA-EPP. (BR/SP)
(74) Difusão Marcas e Patentes S/C Ltda

(21) **MU 9002636-5** U2 **11.1**
(22) 21/09/2010
(71) José Xavier Minikowski (BR/PR)

(21) **MU 9002637-3** U2 **11.1**
(22) 21/10/2010
(71) Gilberto de Carvalho (BR/RJ)

(21) **MU 9002638-1** U2 **11.1**
(22) 04/10/2010
(71) Fernando Rodrigues Germano (BR/PR)
(74) Marcelo Dantas Lopes e Ana Raquel dos Santos

(21) **MU 9002640-3** U2 **11.1**
(22) 14/09/2010
(71) Rica Indústria e Comércio Ltda (BR/RS)
(74) Gaiga & Peres Advocacia Empresarial

(21) **MU 9002644-6** U2 **11.1**
(22) 29/11/2010

(71) Maria Aparecida de Fátima Paproni Farkatt (BR/RJ)

(21) **MU 9002646-2** U2 **11.1**
(22) 06/09/2010
(71) Mauricio Lopes Junior (BR/PR)

(21) **MU 9002647-0** U2 **11.1**
(22) 06/09/2010
(71) Mauricio Lopes Junior (BR/PR)

(21) **MU 9002649-7** U2 **11.1**
(22) 06/09/2010
(71) Mauricio Lopes Junior (BR/PR)

(21) **MU 9002650-0** U2 **11.1**
(22) 06/09/2010
(71) Mauricio Lopes Junior (BR/PR)

(21) **MU 9002657-8** U2 **11.1**
(22) 16/09/2010
(71) FABIO SILVA PEREZ (BR/SP)

(21) **MU 9002658-6** U2 **11.1**
(22) 02/12/2010
(71) OSNI DE CAMPOS. (BR/SP)
(74) MARLI FERREIRA DO NASCIMENTO.

(21) **MU 9002659-4** U2 **11.1**
(22) 07/10/2010
(71) ALEXANDRE SAFIOTI DE TOLEDO (BR/SP)
(74) Márcio Loreti

(21) **MU 9002665-9** U2 **11.1**
(22) 04/11/2010
(71) JOACY ARAUJO DE SOUZA (BR/SP)
(74) José Sidney Valério

(21) **MU 9002666-7** U2 **11.1**
(22) 14/09/2010
(71) MARCUS ANDRÉ DA CUNHA (BR/SP)

(21) **MU 9002671-3** U2 **11.1**
(22) 06/12/2010
(71) Maksander Gonsalves Rodrigues (BR/ES)

(21) **MU 9002802-3** U2 **11.1**
(22) 25/11/2010
(71) Nereu de Oliveira Mendes (BR/SP)

(21) **MU 9002937-2** U2 **11.1**
(22) 17/06/2010
(71) João Pedroso de Moraes (BR/PR) , José Orivaldo Campiteli (BR/PR) , Luciano Rodrigues (BR/PR)
(74) Carlos Eduardo Gomes da Silva

(21) **PI 0620724-3** A2 **11.1**
(22) 18/12/2006
(71) Ciba Holding Inc. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0712951-3** A2 **11.1**
(22) 28/06/2007
(71) NOVARTIS AG (CH)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0713636-6** A2 **11.1**
(22) 29/03/2007
(71) Quantum Design, Inc. (US)
(74) Di Blasi, Parente, Vaz e Dias & Al

(21) **PI 0714474-1** A2 **11.1**
(22) 08/08/2007
(71) TATE & LYLE INGREDIENTS AMERICAS, INC (US)
(74) Antonio Mauricio Pedras Arnaud

(21) **PI 0714549-7** A2 **11.1**
(22) 18/07/2007
(71) The Procter & Gamble Company (US)
(74) Trench, Rossi e Watanabe

(21) **PI 0714646-9** A2 **11.1**
(22) 20/07/2007
(71) Videotec S.P.A (IT)
(74) Guerra Adv

(21) **PI 0714960-3** A2 **11.1**
(22) 27/09/2007
(71) Hitachi Metals, LTD. (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0714987-5** A2 **11.1**
(22) 13/09/2007
(71) THE BOARD OF TRUTEES OF THE UNIVERSITY OF ILLINOI (US)
(74) Miranda Lynch Kneblewki S/C Ltda

(21) **PI 0714989-1** A2 **11.1**
(22) 02/11/2007
(71) Grindeks, A Joint Stock Company (LV)
(74) Miranda Lynch Kneblewki S/C Ltda

(21) **PI 0714991-3** A2 **11.1**
(22) 02/11/2007
(71) Grindeks, A Joint Stock Company (LV)
(74) Miranda Lynch Kneblewki S/C Ltda

(21) **PI 0714996-4** A2 **11.1**
(22) 30/08/2007
(71) NALCO COMPANY (US) , ALBANY INTERNATIONAL CORP. (US)
(74) David do Nascimento Advogados Associados

(21) **PI 0714998-0** A2 **11.1**
(22) 20/09/2007
(71) Dow Global Technologies Inc. (US)
(74) ANTONIO MAURICIO PEDRAS ARNAUD

(21) **PI 0715112-8** A2 **11.1**
(22) 25/07/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715293-0** A2 **11.1**
(22) 21/09/2007
(71) David R. Brookes (CA)
(74) Eduardo João Assef Junior

(21) **PI 0715346-5** A2 **11.1**
(22) 31/07/2007
(71) Applera Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715440-2** A2 **11.1**
(22) 20/07/2007
(71) Novartis A.G (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715455-0** A2 **11.1**
(22) 29/06/2007
(71) The Gillette Company (US)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(21) **PI 0715587-5** A2 **11.1**
(22) 05/07/2007
(71) Albemarle Europe Sprl. (BE)
(74) Araripe & Associados

(21) **PI 0715692-8** A2 **11.1**
(22) 16/08/2007
(71) Boehringer Ingelheim International Gmbh (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715702-9** A2 **11.1**
(22) 28/08/2007
(71) Lucent Technologies Inc. (US)
(74) Orlando de Souza

(21) **PI 0715719-3** A2 **11.1**
(22) 08/08/2007
(71) Basf SE (DE)
(74) Momsen, Leonardos & Cia

(21) **PI 0715724-0** A2 **11.1**
(22) 24/08/2007
(71) Jhon Jairo Martinez Naranjo e Ricardo Enrique Abella (CO)
(74) Trench Rossi e Watanabe Advogados

(21) **PI 0715763-0** A2 **11.1**
(22) 08/08/2007
(71) Oncotherapy Science, Inc. (JP)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(21) **PI 0715773-8** A2 **11.1**
(22) 06/09/2007
(71) Avon Products, Inc. (US)
(74) Alexandre Ferreira

(21) **PI 0715775-4** A2 **11.1**
(22) 17/08/2007
(71) Day International, Inc. (US)
(74) Monsen, Leonardos & Cia

(21) **PI 0715780-0** A2 **11.1**
(22) 23/07/2007
(71) 3M Innovative Properties Company (US)
(74) Nellie Anne Daniel-Shores

(21) **PI 0715783-5** A2 **11.1**
(22) 14/08/2007
(71) Cellectar, Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715799-1** A2 **11.1**
(22) 21/08/2007
(71) Glaxo Group Limited (GB)
(74) Momsen, Leonardos & Cia

(21) **PI 0715800-9** A2 **11.1**
(22) 16/08/2007
(71) Methanol Casale S.A. (CH)
(74) Magnus Aspeby e Claudio Szabas

(21) **PI 0715801-7** A2 **11.1**
(22) 17/08/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0715803-3** A2 **11.1**
(22) 17/08/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0715804-1** A2 **11.1**
(22) 21/08/2007
(71) Glaxo Group Limited (GB)
(74) Momsen, Leonardos & Cia

(21) **PI 0715820-3** A2 **11.1**
(22) 31/08/2007
(71) Sika Technology AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715825-4** A2 **11.1**
(22) 20/08/2007
(71) Continental Automotive GMBH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715864-5** A2 **11.1**
(22) 17/08/2007
(71) Novartis AG (CH)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(21) **PI 0715867-0** A2 **11.1**
(22) 16/08/2007
(71) OCV Intelectual Capital, LLC (US)
(74) ALEXANDRE FERREIRA

(21) **PI 0715876-9** A2 **11.1**
(22) 17/08/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0715878-5** A2 **11.1**
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(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0715884-0** A2 **11.1**
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(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0715885-8** A2 **11.1**
(22) 15/08/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0715887-4** A2 **11.1**
(22) 21/08/2007
(71) Glaxo Group Limited (GB)
(74) Momsen, Leonardos & Cia

(21) **PI 0715892-0** A2 **11.1**
(22) 07/08/2007
(71) Georg Fischer Verkehrstechnik GMBH (DE)

(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(21) **PI 0715898-0** A2 **11.1**
(22) 16/08/2007
(71) Panasonic Corporation (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715903-0** A2 **11.1**
(22) 14/08/2007
(71) Koninklijke Philips Eletronics N.V. (NL)
(74) Monsen, Leonardos & Cia

(21) **PI 0715905-6** A2 **11.1**
(22) 10/08/2007
(71) Koninklijke Philips Electonics N. V (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0715909-9** A2 **11.1**
(22) 31/08/2007
(71) Avery Dennison Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0715923-4** A2 **11.1**
(22) 09/08/2007
(71) Bayer Healthcare LLC (US)
(74) Alexandre Ferreira

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(22) 09/08/2007
(71) Bayer Healthcare LLC (US)
(74) Alexandre Ferreira

(21) **PI 0715958-7** A2 **11.1**
(22) 21/08/2007
(71) Glaxo Group Limited (GB)
(74) Momsen, Leonardos & Cia

(21) **PI 0715991-9** A2 **11.1**
(22) 18/10/2007
(71) BYUN SOO KIM (KR)
(74) DAVID DO NASCIMENTO ADVOGADOS ASSOCIADOS.

(21) **PI 0716035-6** A2 **11.1**
(22) 17/08/2007
(71) Albemarle Corporation (US)
(74) Araripe & Associados

(21) **PI 0716036-4** A2 **11.1**
(22) 10/08/2007
(71) Upstream Engineering OY (FI)
(74) Araripe & Associados

(21) **PI 0716046-1** A2 **11.1**
(22) 15/08/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716047-0** A2 **11.1**
(22) 08/08/2007
(71) Ciba Holding Inc. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716049-6** A2 **11.1**
(22) 08/08/2007
(71) Bayer Materialscience AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716057-7** A2 **11.1**
(22) 08/08/2007
(71) Basf Se (DE)
(74) Momsen, Leonardos & Cia

(21) **PI 0716066-6** A2 **11.1**
(22) 31/08/2007
(71) Genzyme Corporation (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 0716075-5** A2 **11.1**
(22) 29/08/2007
(71) Commonwealth Scientific And Industrial Research Organisation (AU) , Grains Research And Development Corporation (AU)
(74) Orlando de Souza

(21) **PI 0716084-4** A2 **11.1**
(22) 22/08/2007
(71) Wyeth (US)
(74) Trench, Rossi e Watanabe

(21) **PI 0716091-7** A2 **11.1**
(22) 28/08/2007
(71) Daiichi Sankyo Company, Limited (JP)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716109-3** A2 **11.1**
(22) 20/09/2007
(71) Shell Internationale Research Maatschappij B.V (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0716119-0** A2 **11.1**
(22) 14/08/2007
(71) Shire Pharmaceuticals, INC. (US)
(74) Di Blasi, Parente, S. G. & Associados S/C

(21) **PI 0716123-9** A2 **11.1**
(22) 27/07/2007
(71) Unibind Limited (CY)
(74) Orlando de Souza

(21) **PI 0716136-0** A2 **11.1**
(22) 03/08/2007
(71) Nestec Ltd. (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716180-8** A2 **11.1**
(22) 03/09/2007
(71) Lir Packaging (FR)
(74) Bhering Advogados

(21) **PI 0716185-9** A2 **11.1**
(22) 05/09/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0716205-7** A2 **11.1**
(22) 29/08/2007
(71) Novartis Ag (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716210-3** A2 **11.1**
(22) 30/08/2007
(71) Southeastern Medical Technologies (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716215-4** A2 **11.1**
(22) 29/08/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716224-3** A2 **11.1**
(22) 31/08/2007
(71) Array Biopharma, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716227-8** A2 **11.1**
(22) 07/09/2007
(71) Wyeth (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716229-4** A2 **11.1**
(22) 10/09/2007
(71) ULL Meter A/S (DK)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716242-1** A2 **11.1**
(22) 29/08/2007
(71) Avox Systems, INC. (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0716247-2** A2 **11.1**
(22) 04/09/2007
(71) Astrazeneca AB (SE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716250-2** A2 **11.1**
(22) 31/08/2007
(71) Smithkline Beecham Corporation (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0716252-9** A2 **11.1**
(22) 15/08/2007
(71) Sulzer Pumpen AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716371-1** A2 **11.1**
(22) 31/08/2007
(71) Avery Dennison Corporation (US)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(21) **PI 0716381-9** A2 **11.1**
(22) 24/08/2007
(71) Knorr-Bremse Systeme Für Nutzfahrzeuge GBMH (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716383-5** A2 **11.1**
(22) 30/08/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716394-0** A2 **11.1**
(22) 28/08/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716397-5** A2 **11.1**
(22) 10/08/2007
(71) The Scripps Research Institute (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716497-1** A2 **11.1**
(22) 10/08/2007
(71) Merial Limited (US)
(74) Di Blasi, Parente, Vaz e Dias & Al

(21) **PI 0716556-0** A2 **11.1**
(22) 11/10/2007
(71) INDSPEC CHEMICAL CORPORATION (US)
(74) Momsen , Leonardos & CIA

(21) **PI 0716589-7** A2 **11.1**
(22) 24/08/2007
(71) Commonwealth Scientific And Industrial Research Organisation (AU) , Perpetuity Management Pty Ltd (AU)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716597-8** A2 **11.1**
(22) 07/09/2007
(71) Wyeth (US)
(74) Trench, Rossi e Watanabe Advogados

(21) **PI 0716615-0** A2 **11.1**
(22) 21/08/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716641-9** A2 **11.1**
(22) 09/08/2007
(71) Bristol-Myers Squibb Company (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716645-1** A2 **11.1**
(22) 07/08/2007
(71) The Gillette Company (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716694-0** A2 **11.1**
(22) 31/10/2007
(71) NORINCO (FR)
(74) MAURICIO SERINO LIA

(21) **PI 0716695-8** A2 **11.1**
(22) 01/11/2007
(71) PARADIGM SCIENCES LTD. (KY)
(74) Pinheiro Neto - Advogados

(21) **PI 0716727-0** A2 **11.1**
(22) 11/09/2007
(71) Arturo Salice S.P.A. (IT)
(74) Magnus Aspeby e Claudio Szabas

(21) **PI 0716761-0** A2 **11.1**
(22) 24/08/2007
(71) Alcoa Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716764-4** A2 **11.1**
(22) 13/09/2007
(71) Agency For Science, Technology and Research (SG)
(74) Nellie Anne Daniel-shores

(21) **PI 0716767-9** A2 **11.1**
(22) 03/09/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0716774-1** A2 **11.1**
(22) 24/07/2007
(71) Motorola, Inc. (US)
(74) Orlando de Souza

(21) **PI 0716792-0** A2 **11.1**
(22) 14/09/2007
(71) C-Fer Technologies (1999) Inc. (CA)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716794-6** A2 **11.1**
(22) 10/09/2007
(71) Zf Friedrichshafen AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716808-0** A2 **11.1**
(22) 15/09/2007
(71) Enzon Pharmaceuticals, Inc (US)
(74) Angela Cristina Pinheiro Palmer

(21) **PI 0716812-8** A2 **11.1**
(22) 15/09/2007
(71) Enzon Pharmaceuticals, Inc (US)
(74) Angela Cristina Pinheiro Palmer

(21) **PI 0716821-7** A2 **11.1**
(22) 28/08/2007
(71) Unilever N.V. (NL)
(74) Atem e Remer Asses. Consult. Prop. Int. Ltda

(21) **PI 0716827-6** A2 **11.1**
(22) 05/10/2007
(71) Halliburton Energy Services, Inc (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716828-4** A2 **11.1**
(22) 20/09/2007
(71) Koninklijke Philips Electronics N. V (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716831-4** A2 **11.1**
(22) 14/09/2007
(71) Biofuelbox Corporation (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716861-6** A2 **11.1**
(22) 27/07/2007
(71) Alcon, Inc. (CH)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716873-0** A2 **11.1**
(22) 26/09/2007
(71) Shell Internationale Research Maatschappij B.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0716881-0** A2 **11.1**
(22) 28/08/2007
(71) Isw Group, Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716883-7** A2 **11.1**
(22) 06/09/2007
(71) Curran Manufacturing Corporation (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716888-8** A2 **11.1**
(22) 11/09/2007
(71) CGI Pharmaceuticals, Inc. (US)
(74) Ana Cristina Müller Wegmann

(21) **PI 0716905-1** A2 **11.1**
(22) 17/09/2007
(71) Thales (FR)
(74) Orlando de Souza

(21) **PI 0716914-0** A2 **11.1**
(22) 11/09/2007
(71) CGI Pharmaceuticals, Inc. (US)
(74) Ana Cristina Müller Wegmann

(21) **PI 0716918-3** A2 **11.1**
(22) 11/09/2007
(71) CGI Pharmaceuticals, Inc. (US)
(74) Ana Cristina Müller Wegmann

(21) **PI 0716921-3** A2 **11.1**
(22) 17/09/2007
(71) Shell Internationale Research Maatschappij B. V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0716926-4** A2 **11.1**
(22) 11/09/2007
(71) Textilma AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716945-0** A2 **11.1**
(22) 28/08/2007
(71) Wageningen Universiteit (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0716979-5** A2 **11.1**
(22) 20/08/2007
(71) Methanol Casale S.A. (CH)
(74) Magnus Aspeby e Claudio Szabas

(21) **PI 0716995-7** A2 **11.1**
(22) 27/09/2007
(71) Niconovum AB (SE)
(74) Momsen, Leonardos & Cia

(21) **PI 0717003-3** A2 **11.1**
(22) 12/09/2007
(71) Sumitomo Chemical Company, Limited (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717028-9** A2 **11.1**
(22) 17/09/2007
(71) Mcneil Nutritionals, LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717029-7** A2 **11.1**
(22) 31/08/2007
(71) Titeflex Corporation (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717036-0** A2 **11.1**
(22) 21/09/2007
(71) Bioxell SPA (IT)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717037-8** A2 **11.1**
(22) 17/09/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717038-6** A2 **11.1**
(22) 27/09/2007
(71) H. Lundbeck A/S (DK)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717048-3** A2 **11.1**
(22) 20/09/2007
(71) Schweitzer Engineering Laboratories, Inc. (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0717049-1** A2 **11.1**
(22) 20/09/2007
(71) Schweitzer Engineering Laboratories, Inc. (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0717058-0** A2 **11.1**
(22) 22/09/2007
(71) Ranbaxy Laboratories Limited. (IN)
(74) Claudia Christina Schulz

(21) **PI 0717097-1** A2 **11.1**
(22) 19/09/2007
(71) Novartis Ag (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717115-3** A2 **11.1**
(22) 01/10/2007
(71) Syngenta Participations AG (CH)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717117-0** A2 **11.1**
(22) 15/10/2007
(71) World-Trade Import-Export, Wtie AG (CH)
(74) Orlando de Souza

(21) **PI 0717134-0** A2 **11.1**
(22) 26/09/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717158-7** A2 **11.1**
(22) 18/09/2007
(71) Bayer Cropscience AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717202-8** A2 **11.1**
(22) 08/11/2007
(71) UNIVELER N.V. (NL)
(74) Artur Francisco Schaal

(21) **PI 0717214-1** A2 **11.1**
(22) 08/11/2007
(71) FLOWSENSE LTD. (IL)
(74) DAVID DO NASCIMENTO

(21) **PI 0717217-6** A2 **11.1**
(22) 15/11/2007
(71) CHRISTOPHER M. CLARK (US)
(74) David do Nascimento Advogados Associados

(21) **PI 0717239-7** A2 **11.1**
(22) 18/09/2007
(71) Bayer Cropscience AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717257-5** A2 **11.1**
(22) 11/12/2007
(71) Borealis Technology Oy (FI)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717264-8** A2 **11.1**
(22) 02/10/2007
(71) The Procter & Gamble Company (US) , Avery Dennison Corporation (US)
(74) Vieira de Mello Advogados

(21) **PI 0717265-6** A2 **11.1**
(22) 02/10/2007
(71) The Procter & Gamble Company (US) , Avery Dennison Corporation (US)
(74) Vieira de Mello Advogados

(21) **PI 0717272-9** A2 **11.1**
(22) 28/09/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717285-0** A2 **11.1**
(22) 01/10/2007
(71) Offshore Joint Services, Inc. (US)
(74) Matos & Associados - Advogados

(21) **PI 0717288-5** A2 **11.1**
(22) 28/09/2007
(71) Arete Therapeutics, Inc. (US)
(74) Orlando de Souza

(21) **PI 0717304-0** A2 **11.1**
(22) 03/12/2007
(71) Basf SE (DE)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717326-1** A2 **11.1**
(22) 24/09/2007
(71) Wyeth (US)
(74) Trench, Rossi e Watanabe Advogados

(21) **PI 0717328-8** A2 **11.1**
(22) 26/09/2007
(71) Cryscade Solar Limited (CY)
(74) Orlando de Souza

(21) **PI 0717336-9** A2 **11.1**
(22) 26/10/2007
(71) Investissement Daniel Langlois Inc. (CA)
(74) Nellie Anne Daniel-Shores

(21) **PI 0717345-8** A2 **11.1**
(22) 18/10/2007
(71) Liebert Corporation (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717346-6** A2 **11.1**
(22) 23/10/2007
(71) Rittal GMBH & CO. KG (DE) , Newave SA (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717348-2** A2 **11.1**
(22) 17/10/2007
(71) Irm LLC (BM) , RUSSO,Ross (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717385-7** A2 **11.1**
(22) 15/10/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0717407-1** A2 **11.1**
(22) 19/10/2007
(71) Unilever N.V. (NL)
(74) Atem e Remer Asses. Consult. Prop. Int. LTDA

(21) **PI 0717412-8** A2 **11.1**
(22) 14/09/2007
(71) Atrium Medical Corporation (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717423-3** A2 **11.1**
(22) 20/09/2007
(71) Airsage, Inc. (US)
(74) Orlando de Souza

(21) **PI 0717425-0** A2 **11.1**
(22) 24/09/2007
(71) World-Trade Import-Export, Wtie AG (CH)
(74) Orlando de Souza

(21) **PI 0717426-8** A2 **11.1**
(22) 21/09/2007
(71) Clean Teq Pty Ltd. (AU)
(74) Orlando de Souza

(21) **PI 0717428-4** A2 **11.1**
(22) 21/09/2007
(71) Bentle Products AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717454-3** A2 **11.1**
(22) 17/10/2007
(71) Coloplast A/S (DK)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717488-8** A2 **11.1**
(22) 05/09/2007
(71) Motorola, INC. (US)
(74) Orlando de Souza

(21) **PI 0717492-6** A2 **11.1**
(22) 21/09/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717523-0** A2 **11.1**
(22) 18/10/2007
(71) NGK Insulators, LTD. (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717545-0** A2 **11.1**
(22) 26/09/2007
(71) Gezyme Corporation (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717555-8** A2 **11.1**
(22) 27/09/2007
(71) Alcon, Inc. (CH)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717581-7** A2 **11.1**
(22) 17/09/2007
(71) Mcneil Nutritionals, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717588-4** A2 **11.1**
(22) 17/09/2007
(71) Mcneil Nutritionals, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717589-2** A2 **11.1**
(22) 17/09/2007
(71) Mcneil Nutritionals, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717590-6** A2 **11.1**
(22) 17/09/2007
(71) Mcneil Nutritionals, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717600-7** A2 **11.1**
(22) 18/10/2007
(71) Glaxo Group Limited (GB)
(74) Alexandre Ferreira

(21) **PI 0717630-9** A2 **11.1**
(22) 23/10/2007
(71) Shell Internationale Research Maartschappij B.V (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717634-1** A2 **11.1**
(22) 11/10/2007
(71) Koninklijke Philips Electronics N.V (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717636-8** A2 **11.1**
(22) 18/10/2007
(71) NGK Insulators, Ltd (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717646-5** A2 **11.1**
(22) 18/10/2007
(71) Ngk Insulators, LTD. (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717647-3** A2 **11.1**
(22) 19/10/2007
(71) DELOITTE SERVICES PTY LTD (AU)
(74) Vieira de Mello Advogados

(21) **PI 0717681-3** A2 **11.1**
(22) 21/12/2007
(71) Bayer Cropscience AG (DE)
(74) Alexandre Fukuda Yamashita

(21) **PI 0717684-8** A2 **11.1**
(22) 30/11/2007
(71) E.I. DUPONT DE NEMOURS AND COMPANY (US)
(74) Artur Francisco Schaal

(21) **PI 0717689-9** A2 **11.1**
(22) 30/11/2007
(71) E.I. DUPONT DE NEMOURS AND COMPANY (US)
(74) Artur Francisco Schaal

(21) **PI 0717690-2** A2 **11.1**
(22) 30/11/2007
(71) E.I. DUPONT DE NEMOURS AND COMPANY (US)
(74) Alexandre Fukuda Yamashita

(21) **PI 0717691-0** A2 **11.1**
(22) 30/11/2007
(71) E.I. DUPONT DE NEMOURS AND COMPANY (US)
(74) Artur Francisco Schaal

(21) **PI 0717694-5** A2 **11.1**
(22) 28/11/2007
(71) E.I. DUPONT DE NEMOURS AND COMPANY (US)
(74) Artur Francisco Schaal

(21) **PI 0717715-1** A2 **11.1**
(22) 30/11/2007
(71) DOW GLOBAL TECHNOLOGIES INC. (US)
(74) Antonio Mauricio Pedras Arnaud

(21) **PI 0717717-8** A2 **11.1**
(22) 30/11/2007
(71) E.I. DU PONT DE NEMOURS AND COMPANY (US)
(74) ALEXANDRE FUKUDA YAMASHITA

(21) **PI 0717720-8** A2 **11.1**
(22) 02/11/2007
(71) UNILEVER N. V. (NL)
(74) ARTUR FRANCISCO SCHAAL

(21) **PI 0717721-6** A2 **11.1**
(22) 28/11/2007
(71) MARINUS PHARMACEUTICALS (US)
(74) DAVID DO NASCIMENTO ADVOGADOS ASSOCIADOS

(21) **PI 0717726-7** A2 **11.1**
(22) 24/10/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717737-2** A2 **11.1**
(22) 09/10/2007
(71) Michael Lynch (US) , Rudyard Istvan (US)
(74) Vieira de Mello Advogados

(21) **PI 0717742-9** A2 **11.1**
(22) 19/10/2007
(71) Arete Therapeutics, Inc. (US)
(74) Orlando de Souza

(21) **PI 0717745-3** A2 **11.1**
(22) 22/08/2007
(71) IWK Verpackungstechnik GMBH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717772-0** A2 **11.1**
(22) 26/10/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717785-2** A2 **11.1**
(22) 16/10/2007
(71) Shell Internationale Research Maatschappij B.V. (NL)
(74) Momsen, Leonardos & Cia

(21) **PI 0717792-5** A2 **11.1**
(22) 30/10/2007
(71) Valeo Materiaux de Friction (FR)
(74) Momsen, Leonardos & Cia

(21) **PI 0717805-0** A2 **11.1**
(22) 27/08/2007
(71) IRM LLC (BM)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717815-8** A2 **11.1**
(22) 14/09/2007
(71) Albemarle Corporation (US)
(74) Araripe & Associados

(21) **PI 0717816-6** A2 **11.1**
(22) 14/09/2007
(71) Albemarle Corporation (US)
(74) Araripe & Associados

(21) **PI 0717818-2** A2 **11.1**
(22) 13/09/2007
(71) Chi-Square Technologies L.L.C. (US)
(74) Araripe & Associados

(21) **PI 0717819-0** A2 **11.1**
(22) 26/09/2007
(71) Albemarle Corporation (US)
(74) Araripe & Associados

(21) **PI 0717857-3** A2 **11.1**
(22) 30/10/2007
(71) Thales Avionics, Inc. (US)
(74) Orlando de Souza

(21) **PI 0717872-7** A2 **11.1**
(22) 02/11/2007
(71) Swagelok Company (US)
(74) Orlando de Souza

(21) **PI 0717873-5** A2 **11.1**
(22) 29/10/2007

(71) Novartis AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717874-3** A2 **11.1**
(22) 30/10/2007
(71) Novartis AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717876-0** A2 **11.1**
(22) 08/10/2007
(71) Frank's International, INC. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717888-3** A2 **11.1**
(22) 03/11/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717889-1** A2 **11.1**
(22) 29/10/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717932-4** A2 **11.1**
(22) 25/10/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0717942-1** A2 **11.1**
(22) 02/11/2007
(71) Hydril LLC (US)
(74) Alexandre Ferreira

(21) **PI 0717943-0** A2 **11.1**
(22) 30/10/2007
(71) Wyeth (US)
(74) Trench, Rossi e Watanabe Advogados

(21) **PI 0717956-1** A2 **11.1**
(22) 06/11/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce

(21) **PI 0717965-0** A2 **11.1**
(22) 27/09/2007
(71) Aircelle (FR)
(74) Bhering Advogados

(21) **PI 0717976-6** A2 **11.1**
(22) 16/10/2007
(71) Merck & CO., INC. (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0718000-4** A2 **11.1**
(22) 22/10/2007
(71) Shape Corporation (US)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718014-4** A2 **11.1**
(22) 26/10/2007
(71) The University Of Tokyo (JP) , Otsuka Chemical Co., Ltd. (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718021-7** A2 **11.1**
(22) 25/10/2007
(71) Janssen Pharmaceutica N.V. (BE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718030-6** A2 **11.1**
(22) 30/10/2007
(71) Wyeth (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718042-0** A2 **11.1**
(22) 30/10/2007
(71) Wyeth (US)
(74) Trench, Rossi e Watanabe Advogados

(21) **PI 0718047-0** A2 **11.1**
(22) 30/10/2007
(71) Hydril Usa Manufacturing LLC. (US)
(74) Alexandre Ferreira

(21) **PI 0718061-6** A2 **11.1**
(22) 25/10/2007
(71) Janssen Pharmaceutica N.V. (BE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718066-7** A2 **11.1**
(22) 30/10/2007
(71) Wyeth (US)
(74) Trench, Rossi e Watanabe Advogados

(21) **PI 0718071-3** A2 **11.1**
(22) 02/11/2007
(71) Hydril Usa Manufacturing LLC. (US)
(74) Alexandre Ferreira

(21) **PI 0718072-1** A2 **11.1**
(22) 02/11/2007
(71) Hydril Usa Manufacturing LLC. (US)
(74) Alexandre Ferreira

(21) **PI 0718085-3** A2 **11.1**
(22) 26/10/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718087-0** A2 **11.1**
(22) 24/10/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718088-8** A2 **11.1**
(22) 22/10/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718098-5** A2 **11.1**
(22) 29/10/2007
(71) Scallop Shell Pollution Solution LTD. (CA)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718103-5** A2 **11.1**
(22) 26/10/2007
(71) Thales Avionics, Inc. (US)
(74) Orlando de Souza

(21) **PI 0718110-8** A2 **11.1**
(22) 24/08/2007
(71) Scallop Shell Pollution Solution LTD. (CA)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718122-1** A2 **11.1**
(22) 05/11/2007
(71) Metoxit AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718123-0** A2 **11.1**
(22) 18/10/2007
(71) TESA SE (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718139-6** A2 **11.1**
(22) 17/10/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) DAVID DO NASCIMENTO ADVOGADOS ASSOCIADOS S/C

(21) **PI 0718150-7** A2 **11.1**
(22) 05/10/2007
(71) Konvekta AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718174-4** A2 **11.1**
(22) 12/09/2007
(71) Equistar Chemicals, LP. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718186-8** A2 **11.1**
(22) 12/10/2007
(71) Bayer Materialscience AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718199-0** A2 **11.1**
(22) 03/10/2007
(71) Galleon Pharmaceuticals, Inc. (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0718201-5** A2 **11.1**
(22) 03/10/2007
(71) Koninklijke Philips Electronics N. V (NL)
(74) Momsen, Leonardos & CIA.

(21) **PI 0718202-3** A2 **11.1**
(22) 17/10/2007
(71) Sanofi-Aventis (FR)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718219-8** A2 **11.1**
(22) 31/10/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718220-1** A2 **11.1**
(22) 05/11/2007
(71) Basf SE (DE)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718221-0** A2 **11.1**
(22) 30/10/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718223-6** A2 **11.1**
(22) 24/10/2007
(71) Koninklijke Philips Electronics N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718231-7** A2 **11.1**
(22) 08/10/2007
(71) Promega Corporation (US)
(74) Nellie Anne Daniel-Shores

(21) **PI 0718236-8** A2 **11.1**
(22) 05/10/2007
(71) Konvekta AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718269-4** A2 **11.1**
(22) 29/10/2007
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718288-0** A2 **11.1**
(22) 03/10/2007
(71) Panacea Biotec Limited (IN)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718291-0** A2 **11.1**
(22) 31/10/2007
(71) Johnson & Johnson Vision Care, Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718323-2** A2 **11.1**
(22) 15/10/2007
(71) JANSSEN PHARMACEUTICA N.V. (BE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718336-4** A2 **11.1**
(22) 27/11/2007
(71) NEC CORPORATION (JP)
(74) ANTONIO MAURICIO PEDRAS ARNAUD

(21) **PI 0718357-7** A2 **11.1**
(22) 10/12/2007
(71) CANNAVAN CANE TECHNOLOGY PTY LTD (AU)
(74) NASCIMENTO ADVOGADOS

(21) **PI 0718360-7** A2 **11.1**
(22) 04/12/2007
(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)
(74) Miranda Lynch Kneblewki S/C Ltda

(21) **PI 0718366-6** A2 **11.1**
(22) 26/10/2007
(71) Qualcomm Incorporated (US)
(74) Montaury Pimenta, Machado & Lioce S/C Ltda

(21) **PI 0718428-0** A2 **11.1**
(22) 24/10/2007
(71) Mcneil-Ppc, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718435-2** A2 **11.1**
(22) 26/10/2007
(71) Industrial Origami, Inc. (US)
(74) Orlando de Souza

(21) **PI 0718437-9** A2 **11.1**
(22) 26/10/2007
(71) Medivation Neurology, Inc. (US)
(74) Orlando de Souza

(21) **PI 0718505-7** A2 **11.1**
(22) 23/10/2007
(71) Merck & CO., INC. (US)
(74) Momsen, Leonardos & Cia.

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(74) AGUINALDO MOREIRA

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(74) JOSÉ CARLOS FERREIRA

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(71) JOÃO LUIZ FLORIO (BR/SP)

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(74) Thais Naely Cardoso Magalhaes

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(74) TINOCO SOARES & FILHO LTDA

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(71) DOMAIR NOGUEIRA RODRIGUES (BR/SP)

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(74) Roberto Silva Fonseca - Lancaster

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(74) Marcos Antonio Nunes

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(74) Nellie Anne Daniel-Shores

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(74) Marcos Antonio Nunes

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(22) 30/07/2010
(71) Jaderson José Padilha (BR/SC)
(74) Sandro Conrado da Silva

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(71) Clamper Indústria e Comércio S/A (BR/MG)
(74) Sâmia Batista Amin

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(22) 09/08/2010
(71) Alexandre Augusto Wrubleski (BR/SC)
(74) Wanderlei Cardoso

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(71) Universidade Federal de Lavras (BR/MG) , Fundação de Amparo á Pesquisa do Estado de Minas Gerais - FAPEMIG (BR/MG)

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(22) 27/07/2010
(71) Nutriblock do Brasil Ltda - EPP (BR/MS)

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(71) Agco do Brasil Comercio e Industria Ltda (BR/RS)
(74) Dannemann,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1002706-8** A2 **11.1**
(22) 30/08/2010
(71) Manitowoc Crane Group France (FR)
(74) Bhering Advogados

(21) **PI 1002715-7** A2 **11.1**
(22) 29/07/2010
(71) Giovane Pereira (BR/SP)
(74) David Nilton Pereira de Lucena

(21) **PI 1002732-7** A2 **11.1**
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(71) Grifols, S.A. (ES)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1002739-4** A2 **11.1**
(22) 11/08/2010
(71) José Guilherme Araújo Lameira Bittencourt (BR/RJ)
(74) Luiz Carlos de Carvalho Sillero

(21) **PI 1002743-2** A2 **11.1**
(22) 31/08/2010
(71) Oliveira Marcos Vicente Moncada (BR/RJ)

(21) **PI 1002745-9** A2 **11.1**
(22) 23/08/2010
(71) Genésio Correia de Freitas Neto (BR/PR)
(74) Eduardo Pereira da Silva

(21) **PI 1002746-7** A2 **11.1**
(22) 19/08/2010
(71) Joelson Miranda Santos (BR/GO)

(21) **PI 1002749-1** A2 **11.1**
(22) 20/08/2010
(71) Recex Reciclagem de Sucata e Metais em Geral Ltda (BR/MG)
(74) Eduardo Livio Daimond

(21) **PI 1002750-5** A2 **11.1**
(22) 27/08/2010
(71) Caio Marcelo Silva de Macedo (BR/PE)

(21) **PI 1002751-3** A2 **11.1**
(22) 23/08/2010
(71) Diego Tadeu Rocha Barraza Aspee (BR/MG)
(74) Minasmarca & Patente Ltda - API/1604

(21) **PI 1002754-8** A2 **11.1**
(22) 03/08/2010
(71) Canguru S/A. Industria e Comercio de Produtos Plásticos (BR/SC)
(74) Marcos Aurélio de Jesus

(21) **PI 1002757-2** A2 **11.1**
(22) 05/08/2010
(71) Fabio Caldas Cres (BR/DF) , Paulo Eduardo Pascon (BR/SP)

(21) **PI 1002760-2** A2 **11.1**
(22) 26/07/2010
(71) Luiz Carlos Lourençon (BR/SP)

(21) **PI 1002772-6** A2 **11.1**
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(71) ARINEI CAVALCANTE DIAS (BR/SP)

(21) **PI 1002775-0** A2 **11.1**
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(71) BRF CONSULTORIA E PROJETOS LTDA. (BR/SP)
(74) Cruzeiro Newmarc Patentes e Marcas Ltda.

(21) **PI 1002779-3** A2 **11.1**
(22) 20/07/2010
(71) SAMUEL RIBEIRO DE MORAES (BR/SP)
(74) CAROLINA RODRIGUES

(21) **PI 1002783-1** A2 **11.1**
(22) 30/07/2010
(71) GENERAL ELECTRIC COMPANY (US)
(74) Artur Francisco Schaal

(21) **PI 1002784-0** A2 **11.1**
(22) 26/07/2010
(71) Sítela Indústria de Pré-Moldados e Telas Ltda (BR/SP)
(74) Beérre Assessoria Empresarial S/C Ltda

(21) **PI 1002788-2** A2 **11.1**
(22) 23/07/2010
(71) JOSE CARLOS FELIX (BR/SP)

(21) **PI 1002791-2** A2 **11.1**
(22) 23/07/2010
(71) HORÁCIO DE SOUSA CARVALHO (BR/SP)

(21) **PI 1002792-0** A2 **11.1**
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(71) ECO WASH INDUSTRIA & EXPORTAÇÃO LTDA - ME (BR/SP)

(21) **PI 1002794-7** A2 **11.1**
(22) 08/07/2010
(71) ROUTE TECNOLOGIA LTDA. (BR/RJ)
(74) Antonio Mauricio Pedras Arnaud

(21) **PI 1002798-0** A2 **11.1**
(22) 18/08/2010
(71) Celso Luiz Nogueira (BR/SP)

(21) **PI 1002802-1** A2 **11.1**
(22) 17/08/2010
(71) Tecumseh do Brasil Ltda. (BR/SP)
(74) Octávio & Perocco S/C Ltda.

(21) **PI 1002804-8** A2 **11.1**
(22) 19/08/2010
(71) LUIZ CARLOS LEITE PROENÇA (BR/SP)

(21) **PI 1002807-2** A2 **11.1**
(22) 17/08/2010
(71) GAMBERO ROSSO INDÚSTRIA E COMÉRCIO DE ALIMENTOS Ltda (BR/RN)
(74) ADRIANA DANTAS CASTRO

(21) **PI 1002824-2** A2 **11.1**
(22) 02/08/2010
(71) Mauricio José Viana (BR/MG)

(21) **PI 1002835-8** A2 **11.1**
(22) 13/08/2010
(71) Felipe Augusto Layoun Moreira e Silva (BR/MG)

(21) **PI 1002836-6** A2 **11.1**
(22) 23/08/2010
(71) Ralffo Vieira e Silva (BR/CE)
(74) Fernando Gomes Chaves

(21) **PI 1002843-9** A2 **11.1**
(22) 16/08/2010
(71) Paulo Eduardo Pedra Pierobom (BR/RS)

(21) **PI 1002846-3** A2 **11.1**
(22) 04/08/2010
(71) DACAPO - Revestimentos Cimenticios Especiais Ltda (BR/MG)
(74) Rogoberto Silva Fonseca - Lancaster

(21) **PI 1002847-1** A2 **11.1**
(22) 17/08/2010
(71) Aloysio Rodrigues da Cunha (BR/MG)
(74) Mariane de Oliveira Braga

(21) **PI 1002848-0** A2 **11.1**
(22) 04/08/2010
(71) Sérgio Correia Maia (BR/ES)
(74) Unif Marcas e Patentes Ltda

(21) **PI 1002851-0** A2 **11.1**
(22) 20/08/2010
(71) Hugo Omar Faccini (BR/PR)

(21) **PI 1002853-6** A2 **11.1**
(22) 09/08/2010
(71) Iran Andrei Manfredini (BR/SC)
(74) Wanderlei Cardoso

(21) **PI 1002855-2** A2 **11.1**
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(71) PAULO ROBERTO DA SILVA SOBRINHO (BR/SP)

(21) **PI 1002858-7** A2 **11.1**
(22) 04/08/2010
(71) APARECIDO JOSÉ DA SILVA (BR/SP)

(21) **PI 1002862-5** A2 **11.1**
(22) 25/08/2010
(71) CARLOS HENRIQUE PONCI (BR/SP)

(21) **PI 1002869-2** A2 **11.1**
(22) 02/08/2010
(71) Universidade de São Paulo - USP (BR/SP) , Bfclay Especialidades Ltda (BR/SP) , Universidade Federal do Rio de Janeiro (BR/RJ)
(74) Maria Aparecida de Souza

(21) **PI 1002870-6** A2 **11.1**
(22) 03/08/2010
(71) POMPEU GARDINO (BR/SP)
(74) Nascimento Advogados

(21) **PI 1002872-2** A2 **11.1**
(22) 26/08/2010
(71) Antônio Augusto Andrade Araujo (BR/SP)

(21) **PI 1002880-3** A2 **11.1**
(22) 04/08/2010
(71) ELI JOSE TIBURCIO (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA

(21) **PI 1002885-4** A2 **11.1**
(22) 30/08/2010
(71) INDUSTRIAS TEXTEIS NAJAR SA (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA

(21) **PI 1002889-7** A2 **11.1**
(22) 06/08/2010
(71) RAILAN RODRIGUES (BR/SP)

(21) **PI 1002891-9** A2 **11.1**
(22) 26/08/2010
(71) ANTÔNIO COSTA ELEUTERIO (BR/SP)
(74) MARIA REGINA DE ARRUDA PINTO

(21) **PI 1002892-7** A2 **11.1**
(22) 18/08/2010
(71) Celso Luiz Nogueira (BR/SP)

(21) **PI 1002898-6** A2 **11.1**
(22) 17/08/2010
(71) BENEDITO CANDIDO DE ARAUJO (BR/SP) , FLAVIO GRAMOLELLI JÚNIOR (BR/SP) , LEANDRO CARDOSO DE MORAIS (BR/SP) , ANTONIO CESAR TEIXEIRA DE TOLEDO (BR/SP) , GILVAN XAVIER ARAUJO (BR/SP)

(21) **PI 1002900-1** A2 **11.1**
(22) 13/08/2010
(71) Universidade Federal de Lavras (BR/MG) , Fundação de Amparo à Pesquisa do Estado de Minas Gerais - FAPEMIG (BR/MG)

(21) **PI 1002901-0** A2 **11.1**
(22) 13/08/2010
(71) Dieyson Tobias da Rosa (BR/SC) , Emerson Giovani Munzlinger (BR/SC) , Francis dos Santos (BR/SC) , Tobias Roman Tres (BR/SC) , André Luiz Elly (BR/SC)
(74) Sandro Conrado da Silva

(21) **PI 1002902-8** A2 **11.1**
(22) 13/08/2010
(71) Eletrofrio Refrigeração Ltda. (BR/PR)
(74) Marcos Aurélio de Jesus

(21) **PI 1002903-6** A2 **11.1**
(22) 13/08/2010
(71) Wanderley de Souza Guedes (BR/PR)
(74) Eduardo Pereira da Silva

(21) **PI 1002904-4** A2 **11.1**
(22) 12/08/2010
(71) Julio Cesar Santuci Carvalho (BR/MG)

(21) **PI 1002906-0** A2 **11.1**
(22) 11/08/2010
(71) Solange Vandresen (BR/SC) , Mara Gabriela Novy Quadri (BR/SC)

(21) **PI 1002907-9** A2 **11.1**
(22) 11/08/2010
(71) Solange Vandresen (BR/SC) , Mara Gabriela Novy Quadri (BR/SC)

(21) **PI 1002908-7** A2 **11.1**
(22) 25/08/2010
(71) Fabio Nelson Marchiori (BR/MG)

(21) **PI 1002909-5** A2 **11.1**
(22) 13/08/2010
(71) José Antônio Fabre (BR/PR)
(74) Eduardo Pereira da Silva

(21) **PI 1002912-5** A2 **11.1**
(22) 03/08/2010
(71) Genilson Pereira dos Santos (BR/PE)

(21) **PI 1002930-3** A2 **11.1**
(22) 09/08/2010
(71) Osvaldo Tadeu Camargo Brandão (BR/SP)
(74) Vilage Marcas & Patentes S/S Ltda

(21) **PI 1002931-1** A2 **11.1**
(22) 10/08/2010
(71) Antonio Carlos da Silva (BR/SP) , Mauricio Leal de Paula (BR/RJ)
(74) Montaury Pimenta Machado & Lioce

(21) **PI 1002946-0** A2 **11.1**
(22) 06/08/2010
(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1002961-3** A2 **11.1**
(22) 03/08/2010
(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 1002962-1** A2 **11.1**
(22) 13/08/2010
(71) GM Global Technology Operations, Inc. (US)
(74) Momsen, Leonardos & Cia

(21) **PI 1002966-4** A2 **11.1**
(22) 23/08/2010
(71) Izio Mazur (BR/RJ)
(74) David Nilton Pereira de Lucena

(21) **PI 1002974-5** A2 **11.1**
(22) 23/08/2010
(71) LICEU DE ARTES E OFICIOS DE SAO PAULO (BR/SP)
(74) BEERRE ASSESSORIA EMPRESARIAL LTDA

(21) **PI 1002975-3** A2 **11.1**
(22) 25/08/2010
(71) MARVELL WORLD TRADE LTD. (BB)
(74) ADVOCACIA PIETRO ARIBONI S/C

(21) **PI 1002982-6** A2 **11.1**
(22) 16/08/2010
(71) PROMAG INDÚSTRIA E COMÉRCIO LTDA (BR/SP)
(74) MIRIAM DE LUCCA

(21) **PI 1002983-4** A2 **11.1**
(22) 06/08/2010
(71) DANIEL STÁVALE (BR/SP) , RODRIGO ALVES (BR/SP)
(74) Márcio Lobo Petinati

(21) **PI 1002985-0** A2 **11.1**
(22) 12/08/2010
(71) RICARDO DA SILVA SANCHEZ (BR/SP)

(21) **PI 1002986-9** A2 **11.1**
(22) 10/08/2010
(71) BPS PROMOCAO E PUBLICIDADE LTDA (BR/SP)
(74) Brevetti Assessoria Empresarial S/C Ltda

(21) **PI 1002987-7** A2 **11.1**
(22) 12/08/2010
(71) ROSA HELENA CAMACHO GONÇALVES (BR/SP)

(21) **PI 1002991-5** A2 **11.1**
(22) 20/08/2010
(71) Rafael Detoni (BR/SC) , Fagner Andrigo Würzius (BR/SC)
(74) Carlo Andreas Dalcanale

(21) **PI 1002993-1** A2 **11.1**
(22) 24/08/2010
(71) Vicente Gomes do Amaral (BR/AL)

(21) **PI 1002995-8** A2 **11.1**
(22) 16/08/2010
(71) Paulo Eduardo Pedra Pierobom (BR/RS)

(21) **PI 1002996-6** A2 **11.1**
(22) 18/08/2010
(71) Olegário Teles (BR/MG)

(21) **PI 1003000-0** A2 **11.1**
(22) 27/08/2010
(71) Italo Ataide Notaro (BR/PE)

(21) **PI 1003001-8** A2 **11.1**
(22) 11/08/2010
(71) Carlos Roberto Dias da Silva (BR/ES)

(21) **PI 1003002-6** A2 **11.1**
(22) 17/08/2010
(71) Paulo San Thiago Aguiar Machado (BR/RS)

(21) **PI 1003004-2** A2 **11.1**

(22) 17/08/2010
(71) José Pancrácio Ribeiro (BR/MG) , Cláudio Henrique Teixeira Ribeiro (BR/MG)

(21) **PI 1003007-7** A2 **11.1**
(22) 31/08/2010
(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003017-4** A2 **11.1**
(22) 17/08/2010
(71) Darrin Mitchell (CA) , Harvey Stewart (CA)
(74) NELLIE ANNE DAIEL-SHORES

(21) **PI 1003019-0** A2 **11.1**
(22) 31/08/2010
(71) Rhein Chemie Rheinau Gmbh (DE)
(74) Maria Pia Carvalho Guerra

(21) **PI 1003040-9** A2 **11.1**
(22) 27/08/2010
(71) ANDRESSA SOUZA DE MORAES (BR/SP)

(21) **PI 1003044-1** A2 **11.1**
(22) 26/08/2010
(71) FLÁVIO DONIZETE AFONSO (BR/SP)
(74) Sociedade Civil Braxil Ltda

(21) **PI 1003068-9** A2 **11.1**
(22) 13/08/2010
(71) Veyance Technologies, Inc. (US)
(74) Nellie Anne Daniel-Shores

(21) **PI 1003070-0** A2 **11.1**
(22) 13/08/2010
(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003072-7** A2 **11.1**
(22) 25/08/2010
(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003077-8** A2 **11.1**
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(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003078-6** A2 **11.1**
(22) 19/08/2010
(71) Everlight Usa, INC. (US)
(74) Nellie Anne Daniel-Shores

(21) **PI 1003080-8** A2 **11.1**
(22) 18/08/2010
(71) Leandro Ribeiro Vasconcelos Carlos (BR/RJ)

(21) **PI 1003088-3** A2 **11.1**
(22) 31/08/2010
(71) Chung Kyon Kwon (BR/PR)
(74) Cassiano de Oliveira Lopes

(21) **PI 1003092-1** A2 **11.1**
(22) 30/08/2010
(71) Whirlpool S.a. (BR/SP)
(74) Dannemann, Siemsen & Ipanema Moreira

(21) **PI 1003103-0** A2 **11.1**
(22) 18/08/2010
(71) Elaina Amarante Balla Thomaz (BR/RJ)

(21) **PI 1003108-1** A2 **11.1**
(22) 05/08/2010
(71) MAURICIO SOARES PINTO (BR/SP)

(21) **PI 1003109-0** A2 **11.1**
(22) 13/08/2010
(71) L'OREAL (FR)
(74) Priscila Penha de Barros Thereza

(21) **PI 1003111-1** A2 **11.1**
(22) 27/08/2010
(71) KRONES AG. (DE)
(74) David do Nascimento Advogados Associados

(21) **PI 1003116-2** A2 **11.1**
(22) 06/08/2010
(71) JOSÉ GUSTAVO CARRIÃO (BR/SP)
(74) SIGNO MARCAS E PATENTES LTDA

(21) **PI 1003117-0** A2 **11.1**
(22) 19/08/2010
(71) RAILAN RODRIGUES (BR/SP)

(21) **PI 1003120-0** A2 **11.1**
(22) 06/08/2010
(71) RAILAN RODRIGUES (BR/SP)

(21) **PI 1003130-8** A2 **11.1**
(22) 30/08/2010
(71) ISAAC PROCÓPIO (BR/SP)

(21) **PI 1003131-6** A8 **11.1**
(22) 30/08/2010
(71) SIDNEY DO NASCIMENTO (BR/SP)

(21) **PI 1003138-3** A2 **11.1**
(22) 31/08/2010
(71) MANOEL SIMÃO (BR/SP)

(21) **PI 1003139-1** A2 **11.1**
(22) 30/08/2010
(71) CLICK AUTOMOTIVA INDUSTRIAL LTDA. (BR/SP)
(74) TOLEDO CORRÊA MARCAS E PATENTES S/C LTDA

(21) **PI 1003144-8** A2 **11.1**
(22) 20/08/2010
(71) Rejany Carla de Oliveira (BR/MG)
(74) Welinton Jarbas de Souza

(21) **PI 1003145-6** A2 **11.1**
(22) 13/08/2010
(71) Isabella Rachid do Amaral (BR/MG)
(74) Rusevelt Rios Machado

(21) **PI 1003151-0** A2 **11.1**
(22) 05/08/2010
(71) Alexandre Sampaio Octaviano de Souza (BR/RJ)

(21) **PI 1003158-8** A2 **11.1**
(22) 10/08/2010
(71) Simone Motta Braga (BR/RJ)

(21) **PI 1003159-6** A2 **11.1**
(22) 09/08/2010
(71) Leonardo Antonio de Jesus Duarte (BR/ES)
(74) Paulo Maurício Carlos de Oliveira

(21) **PI 1003161-8** A2 **11.1**
(22) 03/08/2010
(71) Xerox Corporation (US)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003168-5** A2 **11.1**
(22) 22/07/2010
(71) Sandra Regina Heck (BR/SC)
(74) Sandro Conrado da Silva

(21) **PI 1003169-3** A2 **11.1**
(22) 30/08/2010
(71) Fábio Tadeu Biagioni (BR/SP)

(21) **PI 1003171-5** A2 **11.1**
(22) 05/08/2010
(71) Maria de Fátima Soares da Silva Santos (BR/BA)

(21) **PI 1003177-4** A2 **11.1**
(22) 29/06/2010
(71) L'OREAL S.A. (FR)
(74) Carolina Nakata

(21) **PI 1003179-0** A2 **11.1**
(22) 29/06/2010
(71) L'OREAL S.A. (FR)
(74) Carolina Nakata

(21) **PI 1003181-2** A2 **11.1**
(22) 09/08/2010
(71) JOÃO MARCOS RODRIGUES ZELANTE (BR/SP)

(21) **PI 1003188-0** A2 **11.1**
(22) 31/08/2010
(71) Whirlpool Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003195-2** A8 **11.1**
(22) 31/08/2010
(71) Lufer Indústria Mecânica S/A (BR/PR)
(74) Alcion Bubniak

(21) **PI 1003196-0** A2 **11.1**
(22) 06/08/2010
(71) Vemate Verdinha Indústria do Mate Ltda (BR/SC)
(74) Sandro Conrado da Silva

(21) **PI 1003198-7** A2 **11.1**
(22) 31/08/2010
(71) Ricardo Frainer Waldemarca (BR/RS)
(74) Acerti - Marcas e Patentes LTDA.

(21) **PI 1003199-5** A2 **11.1**
(22) 20/08/2010
(71) Juan Carlos Llodra (AR)
(74) Roner Guerra Fabris

(21) **PI 1003200-2** A2 **11.1**
(22) 13/08/2010
(71) Universidade Federal de Lavras (BR/MG) , Fundação de Amparo á Pesquisa do Estado de Minas Gerais - FAPEMIG (BR/MG)

(21) **PI 1003202-9** A2 **11.1**
(22) 01/07/2010
(71) Daniel Zaqueu de Oliveira (BR/MG)

(21) **PI 1003206-1** A2 **11.1**
(22) 16/08/2010
(71) José Railton Souza de Lima (BR/SE)

(21) **PI 1003207-0** A2 **11.1**
(22) 10/08/2010
(71) André Nonato Nogueira Henriques (BR/PE)
(74) Geraldo Mayrinck Monteiro de Andrade

(21) **PI 1003214-2** A2 **11.1**
(22) 16/08/2010
(71) Arthur Goldemberg (BR/RJ)
(74) Dannemann,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003242-8** A2 **11.1**
(22) 04/08/2010
(71) Xerox Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1003267-3** A2 **11.1**
(22) 01/09/2010
(71) KRONES AG. (DE)
(74) David do Nascimento Advogados Associados

(21) **PI 1003268-1** A2 **11.1**
(22) 01/09/2010
(71) ICA TELECOMUNICAÇÕES LTDA. (BR/SP)
(74) RUBENS DOS SANTOS FILHO

(21) **PI 1003270-3** A2 **11.1**
(22) 30/09/2010
(71) JOSOÉ BONETTI (BR/SC) , MAURICIO RICARDO DE OLIVEIRA (BR/SC)

(21) **PI 1003273-8** A2 **11.1**
(22) 30/09/2010
(71) EDUARDO MIRAGAIA FEROLDI (BR/SP) , RAFAEL MIRAGAIA FEROLDI (BR/SP)
(74) SOCIEDADE CIVIL BRAXIL LTDA

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(21) **PI 1009173-4** A2 **11.1**
(22) 26/11/2010
(71) José Nilton Pereira Lima (BR/CE)

(21) **PI 1009174-2** A2 **11.1**
(22) 10/09/2010
(71) EURIDES BIGOLI (BR/SP)

(21) **PI 1009176-9** A2 **11.1**
(22) 23/11/2010
(71) MARCOS MASSAYUKI TAKESHITA (BR/SP)

(21) **PI 1009178-5** A2 **11.1**
(22) 28/09/2010
(71) TOTALSYSTEM DO BRASIL INDUSTRIA E COMÉRCIO DE PRODUTOS AUTOMOTIVOS LTDA (BR/SP)
(74) Aguinaldo Moreira

(21) **PI 1009937-9** A2 **11.1**
(22) 13/08/2010
(71) Sosama Mercantil e Industrial LTDA (BR/RJ) , Ampla Energia e Serviços S.A. (BR/RJ)
(74) Magnus Aspeby

(21) **PI 1009946-8** A2 **11.1**
(22) 15/10/2010
(71) Marcelo Alves Glielmo (BR/RJ)

(21) **PI 1009948-4** A2 **11.1**
(22) 26/10/2010
(71) Siemens Vai Metals Technologies Ltd. (GB)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 1009951-4** A2 **11.1**
(22) 16/07/2010
(71) Sony Corporation (JP)
(74) Momsen, Leonardos & CIA.

(21) **PI 1009962-0** A2 **11.1**
(22) 30/11/2010
(71) ANDRE APARECIDO FERNANDES (BR/SP) , ENEAS SALATI (BR/SP) , WALFREDO DE ANDRADE PINTO SCHINDLER (BR/RJ)
(74) DR. CARLOS E. B. FERNANDES

(21) **PI 1010342-2** A2 **11.1**
(22) 03/08/2010
(71) 3M INNOVATIVE PROPERTIES COMPANY (US)
(74) Alexandre Fukuda Yamashita

(21) **PI 1010363-5** A2 **11.1**
(22) 10/11/2010
(71) Baker Hughes Incorporated (US)
(74) Orlando de Souza

(21) **PI 1010371-6** A2 **11.1**
(22) 02/12/2010
(71) Robert Bosch GBMH (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010390-2** A2 **11.1**
(22) 29/11/2010
(71) GH Electrotermia, S.A. (ES)
(74) Vieira de Mello Advogados

(21) **PI 1010392-9** A2 **11.1**
(22) 01/09/2010
(71) International Engine Intellectual Property Company, LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010406-2** A2 **11.1**
(22) 29/10/2010
(71) Sumitomo Chemical Company, Limited (JP)
(74) Dannemann Siemsen Bigler & Ipanema Moreira

(21) **PI 1010422-4** A2 **11.1**
(22) 28/10/2010
(71) SUMITOMO CHEMICAL COMPANY, LIMITED (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010442-9** A2 **11.1**
(22) 30/09/2010
(71) Leviton Manufacturing Co., Inc. (US)
(74) Orlando de Souza

(21) **PI 1010444-5** A2 **11.1**
(22) 16/11/2010
(71) Harman International Industries, Incorporated (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010454-2** A2 **11.1**
(22) 31/08/2010
(71) Thales Nederland B.V. (NL)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010455-0** A2 **11.1**
(22) 27/09/2010
(71) Siemens Industry, INC. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010461-5** A2 **11.1**
(22) 17/09/2010
(71) 3M INNOVATIVE PROPERTIES COMPANY (US)
(74) Alexandre Fukuda Yamashita

(21) **PI 1010466-6** A2 **11.1**
(22) 28/10/2010
(71) Sumitomo Chemical Company, Limited (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010467-4** A2 **11.1**
(22) 28/10/2010
(71) Sumitomo Chemical Compay, Limited (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 1010470-4** A2 **11.1**
(22) 23/08/2010
(71) ZELUS - SERVIÇOS PARA INDÚSTRIA FARMACÊUTICA LTDA. (BR/SP)
(74) DANIEL ADENSOHN DE SOUZA

(21) **PI 1010473-9** A2 **11.1**
(22) 13/07/2010
(71) Omar Karan Simão Racy (BR/SP)

(21) **PI 1010476-3** A2 **11.1**
(22) 29/10/2010
(71) NELSON GUILHERME BARDINI (BR/SP) , ELIANA AYRES ANTONIO PAES DE OLIVEIRA (BR/SP) , LEILA SACCO DE MOURA (BR/SP)

(21) **PI 1010477-1** A2 **11.1**
(22) 03/11/2010
(71) OSAIR DE CAMPOS PACHECO (BR/SP)

(21) **PI 1010478-0** A2 **11.1**
(22) 05/10/2010
(71) OSAIR DE CAMPOS PACHECO (BR/SP)

(21) **PI 1010483-6** A2 **11.1**
(22) 04/10/2010
(71) Joteme dos Santos Fernandes (BR/RN)

(21) **PI 1010484-4** A2 **11.1**
(22) 03/12/2010
(71) Robson Silva Soares (BR/ES)

(21) **PI 1010492-5** A2 **11.1**
(22) 27/08/2010
(71) Prestige da Amazônia LTDA. (BR/AM)

(21) **PI 1010494-1** A2 **11.1**
(22) 01/09/2010
(71) Gentil Francisco da Fonseca Ramos (BR/PB)

(21) **PI 1010497-6** A2 **11.1**
(22) 06/07/2010
(71) Geraldo de Araujo e Silva (BR/RJ)

(21) **PI 1015618-6** A2 **11.1**
(22) 26/08/2010
(71) Wilson Teles Glovaski (BR/PR)
(74) Jean Pierre Cousseau

(21) **PI 1015906-1** A2 **11.1**
(22) 14/05/2010
(71) Farstad Shipping ASA (NO)
(74) Momsen, Leonardos & CIA.

11.2
ARQUIVAMENTO - ART. 36 PARÁG. 1º DA LPI

(21) **PI 0116690-5** A8 **11.2**
(22) 18/12/2001
(71) L'Oreal S.A. (FR)
(74) Francisco Carlos Rodrigues Silva

11.5
ARQUIVAMENTO - ART. 34 DA LPI

(21) **PI 0602039-9** A2 **11.5**
(22) 22/05/2006
(71) Seta S/A Extrativa Tanino de Acácia (BR/RS) , Fundação Universidade de Caxias do Sul (BR/RS)
(74) Capella & Veloso Advogados Associados OAB/RS 1850

11.12
ART. 26 PARÁGRAFO ÚNICO DA LPI

(21) **BR 12 2012 006078-0** A2 **11.12**
(22) 22/03/1999
(62) PI 9909018-0 22/03/1999
(71) Trimeris, Inc. (US)
(74) Momsen, Leonardos & CIA
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 17/01/2012

(21) **BR 12 2012 006178-6** A2 **11.12**
(22) 13/09/1999
(62) PI 9904104-9 13/09/1999
(71) Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 17/01/2012

(21) **BR 12 2012 007542-6** A2 **11.12**
(22) 08/06/2000
(62) PI 0011745-5 08/06/2000
(71) Vertex Pharmaceuticals Incorporated (US)

(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 20/07/2010

(21) **BR 12 2012 012394-3** A2 **11.12**
(22) 26/06/1998
(62) PI 9810945-6 26/06/1998
(71) Abraxis Bioscience, LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 17/08/2010

(21) **BR 12 2012 014210-7** A2 **11.12**
(22) 19/03/1999
(62) PI 9909660-9 19/03/1999
(71) Vertex Pharmaceuticals Incorporated (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 09/11/2010

(21) **BR 12 2012 015833-0** A2 **11.12**
(22) 17/03/2000
(62) PI 0009166-9 17/03/2000
(71) Smithkline Beecham Biologicals S.A. (BE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 24/04/2012

(21) **BR 12 2012 017569-2** A2 **11.12**
(22) 01/06/2000
(62) PI 0011103-1 01/06/2000
(71) Elan Pharma International Limited (IE)
(74) Kasznar, Leonardos Propriedade Intelectual
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 10/05/2011

(21) **BR 12 2012 018440-3** A2 **11.12**
(22) 05/03/2001
(62) PI 0109186-7 05/03/2001
(71) Bayer Aktiengesellschaft (DE) , Bayer Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 22/05/2012

(21) **BR 12 2012 023700-0** A2 **11.12**
(22) 30/10/2001
(62) PI 0104887-2 30/10/2001
(71) Nippon Soda Co., Ltd. (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 24/07/2012

(21) **BR 12 2012 027946-3** A2 **11.12**
(22) 17/07/2001
(62) PI 0112665-2 17/07/2001
(71) Novartis AG (CH)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 28/08/2012

(21) **BR 12 2012 033673-4** A2 **11.12**
(22) 22/03/2000
(62) PI 0010869-3 22/03/2000
(71) Control Delivery Systems (US)
(74) PRISCILA PENHA DE BARROS THEREZA
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 15/06/2010

(21) **PI 0117380-4** A2 **11.12**
(22) 03/07/2001
(62) PI 0112361-0 03/07/2001
(71) Allergan, Inc. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 26/07/2011

(21) **PI 0117385-5** A2 **11.12**
(22) 20/08/2001
(62) PI 0113348-9 20/08/2001
(71) EVOTEC INTERNATIONAL GMBH (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 23/08/2011

(21) **PI 0117493-2** A2 **11.12**
(22) 13/06/2001
(62) PI 0111911-7 13/06/2001
(71) Bayer Schering Pharma Aktiengesellschaft (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 11/10/2011

(21) **PI 9816377-9** A2 **11.12**
(22) 10/02/1998
(62) PI 9807222-6 10/02/1998
(71) Japan Tobacco Inc. (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 09/12/2008

(21) **PI 9917913-0** A2 **11.12**
(22) 20/08/1999
(62) PI 9906735-8 20/08/1999
(71) Senju Pharmaceutical Co., Ltd. (JP) , Kyorin Pharmaceutical Co., Ltd. (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Arquivado o pedido de divisão, de acordo com o disposto no Art. 26 da LPI, por ter sido requerido após o final do exame, uma vez que o pedido original foi indeferido em 25/02/2009

11.14 PUBLICAÇÃO ANULADA

(21) **MU 8902782-5** U2 **11.14**
(22) 01/12/2009
(71) ANDRES CUSTÓDIO FUCHTER (BR/SC)
(74) ANA PAULA MAZZEI DOS SANTOS LEITE
Referente às RPI Nº 2194 de 22/01/2013 e RPI Nº 2216 de 25/06/2013, por terem sido indevidos.

12. Recurso

12.2 RECURSO CONTRA O INDEFERIMENTO

(21) **PI 9816274-8** A2 **12.2**
(22) 16/06/1998
(62) PI 9811269-4 16/06/1998
(71) Hoechst Roussel Vet (FR)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

15. Outros Referentes a Pedidos

15.7 PETIÇÃO NÃO CONHECIDA

(21) **BR 10 2012 018317-0** **15.7**
(22) 24/07/2012
(71) Universidade Federal de Pelotas (BR/RS)
(74) Silvia Trisch dos Santos Acunha
Não conhecida a petição nº 016120004293/RS de 30.08.2012, em virtude do disposto no Artigo 219 inciso II da LPI nº 9.279/96, uma vez que não foi cumprida a exigência 6.7 publicada na RPI 2210 de 14.05.2013.

(21) **MU 8301056-4** U2 **15.7**
(22) 17/04/2003
(71) Éliton Márcio Pavezi (BR/PR)
(74) Adilson Gabardo
Não conhecida a petição nº 015130002064/PR de 01/07/2013, em virtude do disposto no Artigo 219 inciso II da LPI nº 9.279/96, uma vez que não há fundamentação legal.

(21) **MU 9001807-9** U8 **15.7**
(22) 20/10/2010
(71) ARZUM ELEKTRIKLI EV ALETLERI SANAYI VE TICARET ANOMIM SIRKETI (TR)
(74) Custódio De Almeida & CIA
A petição de nº 18120009221, apresentada em 23/03/2012, em virtude do disposto nos Arts. 218 ou 219 da LPI (Lei 9279 / 96) de 14/05/1996, é considerada como Petição Não Conhecida por ausência de fundamentação legal.

(21) **PI 0404629-3** A2 **15.7**
(22) 25/10/2004
(71) Tarcísio Viana de Almeida (BR/SP)
(74) Toledo Corrêa Marcas e Patentes S/C Ltda
Referente à petição DESP 018110001619, de 18/01/2011.

(21) **PI 0716929-9** A2 **15.7**
(22) 11/09/2007
(71) Genzyme Corporation (US) , ALCAFLEU MANAGEMENT GMBH & CO. KG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
A petição de nº 20110064524, apresentada em 20/06/2011, em virtude do disposto nos Arts. 218 ou 219 da LPI (Lei 9279 / 96) de 14/05/1996, é considerada como Petição Não Conhecida, uma vez que a alteração solicitada já fora consubstanciada na RPI nº 2241, de 17/12/2013.

(21) **PI 9706135-2** A2 **15.7**
(22) 15/12/1997
(71) Mycogen Corporation (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Não conhecida a petição nº 018110032784/SP de 24.08.2011, em virtude do disposto no Artigo 218 inciso II da LPI nº 9.279/96, uma vez que está desacompanhada do comprovante da respectiva retribuição.

15.11 ALTERAÇÃO DE CLASSIFICAÇÃO

(21) **PI 0006974-4** A2 **15.11**
(22) 04/04/2000
(51) H04H 20/00 (2008.01), G01V 3/00 (2006.01), E21B 47/00 (2006.01), E21B 47/026 (2006.01), E21B 49/00 (2006.01)
As Classificações Anteriores eram: H04H 9/00 , G01V 3/00 , E21B 47/00 , E21B 47/026 , E21B 49/00

(21) **PI 0012745-0** A2 **15.11**
(22) 26/07/2000
(51) H04L 12/64 (2006.01), H04J 1/02 (2006.01), H04J 3/00 (2006.01), H04N 1/00 (2006.01)
A Classificação Anterior era: H04L 12/64

(21) **PI 0105435-0** A2 **15.11**
(22) 09/11/2001
(51) G02B 6/00 (2006.01), C03B 37/027 (2006.01)
As Classificações Anteriores eram: G02B 6/16 , C03B 37/027

(21) **PI 0304516-1** A2 **15.11**
(22) 18/09/2003
(51) A01M 1/20 (2006.01)
A Classificação Anterior era: B65D 85/82

(21) **PI 0401402-2** A2 **15.11**
(22) 05/02/2004
(51) E04G 11/48 (2006.01), E04G 25/00 (2006.01)

A Classificação Anterior era: E04G 25/00

(21) **PI 0410027-1** A8 **15.11**
(22) 29/04/2004
(51) C12N 15/32 (2006.01), A01H 5/00 (2006.01)
A Classificação Anterior era: C12Q 1/68

(21) **PI 0605708-0** A2 **15.11**
(22) 21/12/2006
(51) C02F 3/28 (2006.01), C02F 101/00 (2006.01), C02F 103/10 (2006.01), C02F 103/24 (2006.01), C02F 103/28 (2006.01)
A Classificação Anterior era: C02F 3/28

(21) **PI 9902603-1** A2 **15.11**
(22) 27/05/1999
(51) G10L 19/04 (2013.01)
A Classificação Anterior era: G01L 19/04

(21) **PI 9913465-9** A2 **15.11**
(22) 23/08/1999
(51) H03G 3/20 (2006.01), H04W 52/52 (2009.01), H04B 1/707 (2011.01)
As Classificações Anteriores eram: H03G 3/20 , H04B 1/707

15.22.1 DEVOLUÇÃO DE PRAZO NEGADA

(21) **PI 0411370-5** A2 **15.22.1**
(22) 23/06/2004
(71) Nippon Shokubai Co., Ltd. (JP)
(74) SPI Marcas & Patentes S/C Ltda

15.24.2 CONCEDIDO O EXAME PRIORITÁRIO DO PEDIDO DE PATENTE

(21) **MU 8902279-3** U2 **15.24.2**
(22) 16/10/2009
(71) José Luiz da Silva (BR/MG)

(21) **MU 9100014-9** U2 **15.24.2**
(22) 14/01/2011
(71) Ademir Estanislau ME (BR/MG)
(74) Eliane Lisa Guglielmelli

(21) **PI 0406260-4** A2 **15.24.2**
(22) 22/10/2004
(71) Gilberto Luiz Zanette (BR/SC)
(74) Roberval Alves da Silva

(21) **PI 0406302-3** A2 **15.24.2**
(22) 08/12/2004
(71) Natalino Michelin (BR/SP)

(21) **PI 0406308-2** A2 **15.24.2**
(22) 08/12/2004
(71) Natalino Michelin (BR/SP)
(74) Vilage Marcas & Patentes S/C Ltda

(21) **PI 0505419-2** A2 **15.24.2**
(22) 08/12/2005
(71) Natalino Mechelin (BR/SP)
(74) Vilage Marcas & Patentes S/C Ltda

(21) **PI 0609173-3** A2 **15.24.2**
(22) 21/02/2006
(71) Abbott Laboratories (US)
(74) Nellie Anne Daniel Shores

(21) **PI 0619758-2** A2 **15.24.2**
(22) 10/10/2006
(71) Novartis AG (CH) , LTS Lohmann Therapie Systeme AG (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

15.24.3 NEGADO O EXAME PRIORITÁRIO DO PEDIDO DE PATENTE

(21) **PI 0700584-9** A2 **15.24.3**
(22) 07/02/2007
(71) L.P.S. São Paulo Comércio de Suco e Água Ltda. (BR/SP)
(74) CAMILO AUGUSTO NETO
Negado o exame prioritário do pedido de patente uma vez que não foi atendido o disposto no art. 6º, III, "a" e "b" da Resolução 068/13.

16. Concessão de Patente ou Certificado de Adição de Invenção

16.1 CONCESSÃO DE PATENTE OU CERTIFICADO DE ADIÇÃO DE INVENÇÃO

(11) **MU 8003345-8** Y1 **16.1**
(22) 11/02/2000
(43) 11/09/2001
(51) A47B 9/12 (2006.01), A47B 9/00 (2006.01)
(54) APERFEIÇOAMENTOS INTRODUZIDOS EM REGULAGEM DE ALTURA DE TAMPOS DE MESA
(73) GERALDO FELICIO BURATTO FILHO (BR/SP)
(72) Geraldo Felicio Buratto Filho
(74) ESTRELA S/C LTDA. Marcas e Patentes
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8400283-2** Y1 **16.1**
(22) 12/02/2004
(43) 20/09/2005
(51) F24J 2/00 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM AQUECEDOR SOLAR COMPACTO
(73) MÁQUINAS AGRÍCOLAS JACTO S.A. (BR/SP)
(72) Teruaki Mogui
(74) ROGER PAMPANA NICOLAU
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8400550-5** Y1 **16.1**
(22) 12/02/2004
(43) 20/09/2005
(51) B65G 17/20 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM TRANSFERIDOR INTERMITENTE E DOSADOR PARA TRANSPORTADORES AÉREOS
(73) SULMAQ INDUSTRIAL E COMERCIAL S.A. (BR/RS)
(72) Henrique Dal Corso Becker Herbstrith Roos, Fernando Haag Roos
(74) Lealvi Marcas e Patentes
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8400599-8** Y1 **16.1**
(22) 12/02/2004
(43) 20/09/2005
(51) B65G 17/20 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM TRANSFERIDOR PARA TRANSPORTADORES AÉREOS
(73) Sulmaq Industrial e Comercial S.A. (BR/RS)
(72) Henrique Dal Corso Becker Herbstrith Roos, Fernando Haag Roos
(74) Lealvi Marcas e Patentes Ltda.
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8400779-6** Y1 **16.1**
(22) 04/05/2004
(43) 13/12/2005
(51) B65G 33/24 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM LAVADOR, ESTERILIZADOR E SECADOR DE ESTEIRAS TRANSPORTADORAS
(73) Fernando Haag Roos (BR/RS) , Sulmaq Industrial e Comercial S.A. (BR/RS)
(72) Henrique Dal Corso Becker Herbstrith Roos, Fernando Haag Roos
(74) Lealvi Marcas e Patentes Ltda.
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8402572-7** Y1 **16.1**
(22) 19/05/2004
(43) 27/12/2005
(51) B22C 5/04 (2006.01)
(54) UNIDADE MÓVEL DE REGENERAÇÃO DE EXCEDENTES DE AREIAS DE FUNDIÇÃO
(73) Instituto de Pesquisas Tecnológicas do Est. de São Paulo S/A - IPT (BR/SP)
(72) Claudio Luiz Mariotto, EDUARDO ALBERTIN, AKIRA MIZOGUCHI, REGINALDO SOARES BATISTA, RICARDO GAMERO, SIDNEY MUNARIM
(74) Fábio de Carvalho Groff
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8502253-5** Y1 **16.1**
(22) 30/09/2005
(43) 05/06/2007
(51) A47B 91/06 (2006.01)
(54) APERFEIÇOAMENTO APLICADO EM RODÍZIO
(73) RICARDO ALEXANDRE POLO (BR/RS)
(72) RICARDO ALEXANDRE POLO
(74) Abdulcarim Bakkar
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 8502353-1** Y1 **16.1**
(22) 17/10/2005
(43) 28/03/2006
(51) A47F 5/16 (2006.01)
(54) DISPOSIÇÃO APLICADA EM BORDA PARA VASCAS EM GERAL
(73) Pro-Market Móveis e Expositores Ltda (BR/SP)
(72) José Mário Monteiro Benjamin
(74) Vilage Marcas & Patentes S/S Ltda
Prazo de Validade: 7 (sete) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **MU 9000481-7** Y1 **16.1**
(22) 01/04/2010
(43) 15/03/2011
(51) A47C 9/06 (2006.01)
(54) DISPOSIÇÃO INTRODUZIDA EM ASSENTO BASCULANTE PARA BANHO
(73) Tereza Melo de Carvalho (BR/SP)
(72) Tereza Melo de Carvalho
(74) City Patentes e Marcas Ltda.
Prazo de Validade: 15 (quinze) anos contados a partir de 01/04/2010, observadas as condições legais.

(11) **PI 0002712-0** B1 **16.1**
(22) 11/07/2000
(30) 12/07/1999 FR 99 09201
(43) 13/03/2001
(51) H05K 7/14 (2006.01)
(54) FACE ANTERIOR DE PLACA ELETRÔNICA E PLACA ELETRÔNICA
(73) ALSTOM (FR)
(72) Christian Ruque
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0010731-0** B1 **16.1**
(22) 19/05/2000
(30) 20/05/1999 US 60/135073
(51) H04L 12/70 (2013.01), H04B 1/69 (2011.01)
(54) "Processo para priorizar dados de pacote para transferência através de um canal de multi-usuário, sistema de comunicação de espectro espalhado sem fios, e controlador para priorizar dados de pacote para transferência através de um canal de multi-usuário"
(73) Interdigital Technology Corporation (US)
(72) Stephen E. Terry
(74) Momsen, Leonardos & CIA.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0101258-4** B1 **16.1**
(22) 30/03/2001
(30) 31/03/2000 US 09/539.829
(43) 05/03/2002
(51) A23L 1/164 (2006.01)
(54) PRODUTO TIPO GRANOLA E MÉTODO PARA FAZER O MESMO
(73) The Quaker Oats Company (US)
(72) Julie Mazzoleni, Michael Rapp
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0104932-1** B1 **16.1**
(22) 31/10/2001
(30) 31/10/2000 JP 2000-331832; 22/11/2000 JP 2000-356679; 22/11/2000 JP 2000-356680; 21/03/2001 JP 2001-080198; 21/03/2001 JP 2001-083927; 21/03/2001 JP 2001-083929; 27/03/2001 JP 2001-090330
(43) 25/06/2002
(51) F27B 9/16 (2006.01)
(54) MÉTODO PARA A DESCARGA DE UM PRODUTO REDUZIDO DE UM FORNO DE FORNALHA MÓVEL E DISPOSITIVO DE DESCARGA
(73) JFE Steel Corporation (JP)
(72) NATUO ISHIWATA, TATSUYA OZAWA, Yoshitaka Sawa, Tetsuya Yamamoto, Kanji Takeda, TETSUYA KIKUI
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0108145-4** B1 **16.1**
(22) 09/02/2001
(30) 10/02/2000 US 09/501.866; 19/01/2001 US 09/766.859
(51) A61K 9/20 (2006.01), A61K 9/30 (2006.01), A61K 47/06 (2006.01), B05D 3/00 (2006.01), C08K 5/34 (2006.01), C08K 5/10 (2006.01)
(54) Composições de revestimento entérico acrílicas
(73) BPSI Holdings, INC. (US) , Evonik Röhm GmbH (DE)
(72) RAMIREDDY CHITTAMURU, GEORGE REYES, Charles F. Vesey, DEV K. MEHRA, Hans-Ulrich Petereit, KLAUS LEHMANN, THOMAS P. FARRELL
(74) NELLIE ANNE DANIEL SHORES
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0109068-2** B1 **16.1**
(22) 06/03/2001
(30) 08/03/2000 US 60/187,811
(51) C22B 7/02 (2006.01), C22B 7/04 (2006.01), C22B 1/16 (2006.01)
(54) Método para aglomerar e sinterizar minério e concentrados de minério de ferro e zinco, resíduo ferroso da usina de aço e resíduo da usina de zinco
(73) Hercules Incorporated (US)
(72) Donald C. Roe
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0109319-3** B1 **16.1**
(22) 09/03/2001
(30) 17/03/2000 FR 00/03465
(51) G08B 13/14 (2006.01), G08B 13/08 (2006.01), G06F 13/12 (2006.01), G06F 1/00 (2006.01), G07F 7/10 (2006.01)
(54) DISPOSITIVO À PROVA DE VIOLAÇÃO PARA CAIXAS ELETRÔNICAS SEGURAS
(73) Thales E-Transactions S.A. (FR)
(72) Pascal Moree
(74) Clarke Modet do Brasil Ltda
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0109790-3** B1 **16.1**
(22) 27/03/2001
(30) 03/04/2000 US 09/542480
(54) COMPOSIÇÃO TÓPICA ADEQUADA PARA APLICAÇÃO NA PELE, PROCESSO, E, USO DE UMA COMPOSIÇÃO
(73) Colgate-Palmolive Company (US)
(72) Zeenat F. Nabi, Thomas Gregory Polefka, Nadia Soliman, Amir Tavakkol
(74) Momsen, Leonardos & Cia
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0109910-8** B1 **16.1**
(22) 05/04/2001
(30) 05/04/2000 AU PQ 6698
(51) B65D 41/02 (2006.01), B65D 41/28 (2006.01), B65D 39/08 (2006.01)
(54) TAMPA DE ENROSCAR
(73) SCHOLLE CORPORATION (US)
(72) Robert Jones, Andrew Mark Crick
(74) TINOCO SOARES & FILHO S/C LTDA
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0112362-9** B1 **16.1**
(22) 26/06/2001
(30) 05/07/2000 CH 1329/00; 15/12/2000 CH 2450/00
(51) C07C 231/02 (2006.01), C07C 247/12 (2006.01), C07D 207/32 (2006.01), C07D 303/40 (2006.01)
(54) Processo para a preparação de octanoil amidas substituídas e compostos intermediários
(73) Speedel Pharma AG (CH)
(72) Peter Herold, Stefan Stutz, Felix Spindler
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0112962-7** B1 **16.1**
(22) 18/07/2001
(30) 28/07/2000 IT MI2000 A 001732
(51) A61K 31/19 (2006.01), A61K 31/728 (2006.01), A61K 31/79 (2006.01)
(54) Composições farmacêuticas compreendendo ácido hialurônico, ácido glicirretínico e polivinilpirrolidona, e uso desses compostos na preparação de medicamentos
(73) Sinclair Pharmaceuticals Limited (GB)
(72) Marco Mastrodonato
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0113748-4** B1 **16.1**
(22) 11/09/2001
(30) 11/09/2000 GB 0022225.7
(51) B65D 75/66 (2006.01), C09J 7/02 (2006.01)
(54) PROCESSO PARA APLICAR SELOS FISCAIS A ARTIGOS
(73) P.P. Payne Limited (GB)
(72) Stephen P. Pinchen
(74) Custódio de Almeida & Cia
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0115196-7** B1 **16.1**
(22) 08/11/2001
(30) 08/11/2000 US 60/246,847
(51) A61K 39/012 (2006.01), C12N 1/10 (2006.01)
(54) MÉTODOS PARA ISOLAMENTO E DE SEPARAÇÃO DE OOCISTOS VIÁVEIS
(73) Novus International, INC. (US)
(72) Charles S. Schasteen, Jackie Green, Lance Bull, Farroq Uraizee, Mary Ann Pfannenstiel, Tony Allington
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0116060-5** B1 **16.1**
(22) 10/12/2001
(30) 11/12/2000 FR 00 16071
(51) A61K 9/08 (2006.01), A61K 47/12 (2006.01), A61K 47/40 (2006.01)
(54) Composição farmacêutica de dronedarona para administração parenteral
(73) Sanofi-Aventis (FR)
(72) Frederique Bourriague-Seve, THIERRY BREUL
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0116357-4** B1 **16.1**
(22) 12/12/2001
(30) 20/12/2000 GB 00 31137.3
(51) A23L 1/22 (2006.01)
(54) Processo para produção e uso de concentrados de sabor, e produto de chocolate com características de sabor modificadas
(73) Societe Des Produits Nestle S.A. (CH)
(72) Carl Erik Hansen, Sunil Kochhar, MARCEL ALEXANDRE JUILLERAT, Christopher Budwig, Jean-Claude Spadone
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0202844-1** B1 **16.1**
(22) 24/07/2002
(30) 25/07/2001 DE 101 36 262.5
(43) 20/05/2003
(51) A61M 1/14 (2006.01)
(54) MÉTODO E APARELHO PARA PREPARAÇÃO DE SOLUÇÕES, APARELHO COMPOSTO POR UM CONECTOR E UNIDADE DE RECIPIENTE DE CONCENTRADO.
(73) FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH (DE)
(72) Matthias Brandl, Peter Hilgers, Franz Kugelmann, Matthias Meisinger
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0207489-3** B1 **16.1**
(22) 04/02/2002
(30) 14/02/2001 US 60/268.805; 05/03/2001 DE 101 10 494.4
(51) A61K 9/70 (2006.01)
(54) MÉTODO PARA A PRODUÇÃO DE FOLHAS DELGADAS E PEQUENAS A PARTIR DE UMA PELÍCULA CONTENDO UM INGREDIENTE ATIVO E DISPOSITIVO PARA A REALIZAÇÃO DO MÉTODO
(73) LTS Lohmann Therapie-Systeme AG (DE)
(72) Wolfgang Schafer, RONALD HACKBARTH, DETLEV NEULAND
(74) Martinez & Moura Barreto Asses. Consult. Propr. Intel. S/C Ltda.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0207623-3** B1 **16.1**
(22) 05/02/2002
(30) 28/02/2001 US 09/796,151
(51) A61K 8/00 (2006.01), A61K 8/04 (2006.01), A61K 8/06 (2006.01), A61K 8/11 (2006.01), A61K 8/19 (2006.01), A61K 8/31 (2006.01), A61K 8/72 (2006.01), A61K 8/81 (2006.01), A61K 8/92 (2006.01), A61Q 19/10 (2006.01), C11D 17/00 (2006.01), C11D 3/22 (2006.01)
(54) Composições de lavagem pessoal contendo uma dispersão partícula- em-óleo
(73) Unilever N.V. (NL)
(72) Liang Sheng Tsaur
(74) Lucas Martins Gaiarsa
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0209960-8** B1 **16.1**
(22) 14/08/2002
(30) 23/08/2001 EP 01 120203.3
(51) A23L 1/303 (2006.01), A23L 1/305 (2006.01), A23L 1/275 (2006.01)
(54) Composições estabilizadas de carotenóide, seu processo de preparação e seu uso, bem como alimento, gordura vegetal e margarina
(73) DSM IP Assets B.V. (NL)
(72) BRUNO LEUENBERGER
(74) Dannemann, Siemsen & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0211024-5** B1 **16.1**
(22) 21/06/2002
(30) 23/06/2001 KR 2001/36024; 04/07/2001 KR 2001/39847
(54) FITAS COM CAMADAS MÚLTIPLAS PARA BRANQUEAR DENTES
(73) LG Household & Health Care LTD. (KR)
(72) Ji-Young Kim, Jong-Ho Kim, Sug-Youn Chang, Sei-Young Yun
(74) Antonio Mauricio Pedras Arnaud
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0213426-8** B1 **16.1**
(22) 18/10/2002
(30) 20/10/2001 GB 01 25296.4
(51) B65D 5/74 (2006.01)
(54) BOCAL PARA SERVIR E ENCAIXE
(73) SIG Combibloc Group AG (CH)
(72) Alan Moultan
(74) Soerensen Garcia Advogados Associados
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0213652-0** B1 **16.1**
(22) 15/10/2002
(30) 18/10/2001 AU PR8347; 07/12/2001 AU PR9396
(51) B04B 7/08 (2006.01), B04B 7/18 (2006.01)
(54) CENTRÍFUGA CONTÍNUA E CESTA DE CENTRÍFUGA

(73) WDT (Engineers) PTY LTD (AU)
(72) Gordon Francis Eastaughffe
(74) Antonio Mauricio Pedras Arnaud
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0300046-0** B1 **16.1**
(22) 15/01/2003
(43) 13/10/2004
(51) B65D 6/16 (2006.01)
(54) DISPOSITIVO PARA LIBERAÇÃO E INTERTRAVAMENTO DE PAREDES LATERAIS RETRÁTEIS DE INVÓLUCROS OU RECIPIENTES, ESPECIALMENTE RECIPIENTES RETORNÁVEIS FEITOS DE MATERIAIS PLÁSTICOS
(73) Schoeller Wavin Systems Services Gmbh (DE)
(72) Heinz Günter Oster, Christian Barth
(74) Matos e Associados Advogados
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0300369-8** B1 **16.1**
(22) 11/02/2003
(30) 13/02/2002 US 10/075,062
(43) 03/08/2004
(51) B60G 21/055 (2006.01)
(54) Conjunto de barra estabilizadora, conjunto estabilizador e método de montagem de uma barra estabilizadora
(73) The Pullman Company (US)
(72) James Lewis, Richard Novy, Robert Missig
(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0302416-4** B1 **16.1**
(22) 14/07/2003
(30) 17/07/2002 DE 102 32 231.7
(43) 24/08/2004
(51) B65G 53/04 (2006.01)
(54) DISPOSITIVO PARA TRANSPORTE PNEUMÁTICO OU HIDRÁULICO DE MATERIAL A GRANEL EM PÓ, PULVERULENTO OU GRANULAR
(73) FLSmidth A/S (DK)
(72) Carsten Duwe, Klaus Von Geldern
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0302673-6** B1 **16.1**
(22) 27/01/2003
(30) 30/01/2002 DE 102 03 635.7
(51) F16C 1/02 (2006.01)
(54) DISPOSITIVO PARA A TRANSMISSÃO DE FORÇAS ROTACIONAIS
(73) Valeo Klimasysteme GMBH (DE)
(72) Wolfgang Suck
(74) Momsen, Leonardos & Cia
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0302681-7** B1 **16.1**
(22) 22/01/2003
(30) 25/01/2002 JP 016613/2002
(43) 24/08/2004
(51) C07D 211/04 (2006.01)
(54) Método para a produção de um composto de éter
(73) Sumitomo Chemical Company Limited (JP)
(72) Hiroshi Sakaguchi, Masaki Sasaki
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0305973-1** B1 **16.1**
(22) 23/12/2003
(30) 23/12/2002 EP 02 028874.2
(43) 17/05/2005
(51) B65D 33/00 (2006.01)
(54) ELEMENTO DE FECHAMENTO PARA UMA EMBALAGEM E SACO EM PELÍCULA
(73) Deutsche Sisi-Werke Betriebs GmbH (DE)
(72) Hans-Peter Wild, Erhard Schwartz
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0306796-3** B1 **16.1**
(22) 21/01/2003
(30) 21/01/2002 DE 102 02 007.8; 30/09/2002 DE 102 45 886.3
(51) C11D 1/72 (2006.01), C11D 7/26 (2006.01), B01F 17/42 (2006.01)
(54) Alcoxilato de alquilglicol ou alcoxilato de alquildiglicol, mistura de C2-5- alcoxilatos de C4-8-alquilglicóis ou -diglicóis, e, agentes de lavagem, de limpeza ou umidificador ou cosmético, formulações farmacêutica ou para proteção de plantações
(73) Basf Aktiengesellschaft (DE)
(72) Ralf Nörenberg, Günter Oetter, Jürgen Tropsch, Helmut Gümbel, Nicole Lichterfeld-Weber, Hubertus Kröner, Hans-Peter Seelmann-Eggebert
(74) Momsen, Leonardos & Cia
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0307152-9** B1 **16.1**
(22) 28/08/2003
(30) 19/09/2002 IT MI2002A001996
(51) B21B 1/46 (2006.01), B22D 11/06 (2006.01), B21B 1/26 (2006.01), B21B 37/00 (2006.01), B21B 37/34 (2006.01)
(54) PROCESSO PARA A PRODUÇÃO CONTÍNUA DE TIRA LAMINADA A QUENTE ULTRA FINA, E, LINHA DE PRODUÇÃO PARA REALIZAR O PROCESSO
(73) GIOVANNI ARVEDI (IT)
(72) GIOVANNI ARVEDI
(74) Momsen, Leonardos & Cia.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0307751-9** B1 **16.1**
(22) 14/02/2003
(30) 20/02/2002 JP 2002-43834
(51) F01M 1/06 (2006.01), F01M 9/10 (2006.01)
(54) SISTEMA DE LUBRIFICAÇÃO DE MOTOR
(73) Yamaha Hatsudoki Kabushiki Kaisha (JP)
(72) YOJI UTSUMI, MASAHIRO ITO
(74) Nellie A D Shores
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0308621-6** B1 **16.1**
(22) 27/03/2003
(30) 27/03/2002 AT A 487/2002; 01/07/2002 AT A 982/2002
(51) F41A 19/13 (2006.01), F41A 19/29 (2006.01)
(54) PISTOLA COM DETONAÇÃO POR PINO DE PERCUSSÃO
(73) Caracal International L.L.C. (AE)
(72) Wilhelm Bubits
(74) Di Blasi, Parente, Soerensen Garcia & Associados S/C Ltda.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0308730-1** B1 **16.1**
(22) 04/02/2003
(30) 03/04/2002 US 10/115,353
(51) B65B 51/06 (2006.01), B65B 61/20 (2006.01), G09F 3/10 (2006.01)
(54) APLICADOR DE FITA E ETIQUETA DE IDENTIFICAÇÃO POR RADIOFREQÜÊNCIA, E, MÉTODO DE APLICAR UMA ETIQUETA DE IDENTIFICAÇÃO POR RADIOFREQÜÊNCIA DE UM PORTADOR A UMA FITA E DE APLICAR UM COMPRIMENTO DE FITA A UM OBJETO
(73) 3M Innovative Properties Company (US)
(72) Peter B. Hogerton, Karl M. Kropp, Gary K. Kuhn, Michael R. Mitchell
(74) Momsen, Leonardos & Cia.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0308879-0** B1 **16.1**
(22) 11/04/2003
(30) 12/04/2002 FR 02/04592
(51) B65G 47/68 (2006.01)
(54) UNIDADE TRANSPORTADORA COM ACÚMULO DE RECIPIENTES, TAIS COMO GARRAFAS
(73) Gebo Industries Societe Anonyme (FR)
(72) Zmaj Petrovic
(74) Orlando de Souza
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0309299-2** B1 **16.1**
(22) 04/04/2003
(30) 16/04/2002 US 10/122,346
(51) C22B 15/00 (2006.01), C22B 3/08 (2006.01), C22B 7/02 (2006.01), C22B 1/11 (2006.01)
(54) Método de tratamento de um subproduto de um processo de fusão ou refino de cobre
(73) Cesl Limited (CA)
(72) David L. Jones
(74) Dannemann, Siemsen & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0309577-0** B1 **16.1**
(22) 21/04/2003
(30) 22/04/2002 US 60/374,398
(51) B23K 1/20 (2006.01)
(54) Método para produzir uma mistura de fundente de brasagem, produto não conformado de chapa de brasagem e mistura de fundente de brasagem para revestir a chapa de brasagem
(73) Alcoa INC. (US) , American Inks and Coatings Corporation (US)
(72) Darwin H. Scott (Falecido), Raymond J. Kilmer, Joseph R. Dougherty, Robert P. Anthony
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0311342-6** B1 **16.1**
(22) 24/02/2003
(30) 27/05/2002 DE 102 23 560.0
(51) A61J 1/05 (2006.01)
(54) CONECTOR PARA EMBALAGENS QUE CONTÊM LÍQUIDOS MEDICINAIS
(73) Fresenius Kabi Deutschland GMBH (DE)
(72) Torsten Brandenburger, Ismael Rahimy
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0311793-6** B1 **16.1**
(22) 12/06/2003
(30) 14/06/2002 DE 102 26 507.0
(51) F42B 12/70 (2006.01)
(54) PROJÉTIL DE NEBLINA
(73) DIEHL BGT DEFENCE GMBH & CO. KG (DE)
(72) Ernst Christian Koch, Josef Schneider, Thorsten Kothe
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0312160-7** B1 **16.1**
(22) 18/06/2003
(30) 26/06/2002 FI 20021248
(51) B27L 11/00 (2006.01)
(54) Dispositivo para fixação de lâmina de disco de lascar madeira
(73) Metso Paper, Inc. (FI)
(72) Arvo Jonkka
(74) Paulo C. Oliveira & Cia.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0312790-7** B1 **16.1**
(22) 17/07/2003
(30) 31/07/2002 FI 20021424
(51) F27D 1/12 (2006.01), F27D 9/00 (2006.01), C21B 7/10 (2006.01)
(54) MÉTODO PARA A MANUFATURAÇÃO DE UM ELEMENTO DE RESFRIAMENTO E UM ELEMENTO DE RESFRIAMENTO
(73) Outokumpu OYJ (FI)
(72) Eero Hugg, SEPPÄLÄ, KAI, RISTO SAARINEN
(74) Magnus Aspeby e Thomaz Thedim Lobo
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0314509-3** B1 **16.1**
(22) 02/10/2003
(30) 02/10/2002 US 60/415,475
(51) F24F 7/02 (2006.01)
(54) SISTEMA DE VENTILAÇÃO COM CONTORNO PARA TELHADOS
(73) Martin J. Rotter (US)
(72) Martin J. Rotter
(74) ADVOCACIA PIETRO ARIBONI S/C
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0314815-7** B1 **16.1**
(22) 27/08/2003
(30) 26/09/2002 US 10/255.727; 03/02/2003 US 10/356.837
(51) B32B 1/08 (2006.01), A21D 10/02 (2006.01), A22C 13/00 (2006.01)
(54) Invólucro para embutidos à base de polímeros
(73) Casematic, S.A. de C.V. (MX)
(72) Rubén Garcia-Cruz
(74) Orlando de Souza
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0315494-7** B1 **16.1**
(22) 17/10/2003
(30) 18/10/2002 EP 02405894.3; 22/10/2002 GB 0224513.2
(51) C09B 29/033 (2006.01), C09B 29/09 (2006.01), C09B 29/42 (2006.01), C09B 43/42 (2006.01), C09B 56/00 (2006.01), C09B 67/22 (2006.01), C09D 11/02 (2006.01), C09B 29/50 (2006.01)
(54) Tinta dispersa e o processo para produção de tinta dispersa
(73) Clariant Finance (BVI) Limited (VG)
(72) Robert Egli
(74) Dannemann, Siemsen & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0317380-1** B1 **16.1**
(22) 13/11/2003
(30) 31/12/2002 US 10/335.133
(51) D21C 9/00 (2006.01), D21H 11/20 (2006.01), D21H 21/14 (2006.01), D21H 21/20 (2006.01)
(54) FIBRA PARA A FABRICAÇÃO DE PAPEL, TRAMA DE PAPEL E PROCESSO PARA A FORMAÇÃO DE FIBRA DE POLPA AMINOFUNCIONALIZADA
(73) Kimberly-Clark Worldwide, Inc. (US)
(72) Thomas G. Shannon, David Andrew Moline
(74) Orlando de Souza
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0318131-6** B1 **16.1**
(22) 19/12/2003
(30) 21/02/2003 EP 03 405114.4
(51) B65H 20/04 (2006.01), B65H 23/10 (2006.01), B23D 33/02 (2006.01)
(54) PROCESSO E DISPOSITIVO PARA O PROCESSAMENTO DE UMA FITA DE PAPEL OU DE MATERIAL PELICULAR
(73) Kern Investment Consulting Management LTD. (GB)
(72) Peter Kern
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0318299-1** B1 **16.1**
(22) 12/05/2003
(51) B43M 3/04 (2006.01)
(54) DISPOSITIVO PARA INSERÇÃO DE FOLHAS EM UM ENVELOPE
(73) KERN INVESTMENT CONSULTING MANAGEMENT LTD. (GB)
(72) Peter Kern
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 0401803-6** B1 **16.1**
(22) 21/05/2004
(30) 21/05/2003 US 10/442461; 10/11/2003 US 10/705693
(43) 18/01/2005
(51) C08F 230/08 (2006.01), C09D 5/16 (2006.01)
(54) Polímero, e, composição de revestimento anti-incrustação marítima de auto-polimento
(73) Atofina Chemicals, INC. (US)
(72) Mark A. Aubart, Michael B. Abrams, Gary S. Silverman, Jerome Obiols, KENNETH K. TSENG, David A. Mountz
(74) Momsen, Leonardos & Cia.
Prazo de Validade: 20 (vinte) anos contados a partir de 21/05/2004, observadas as condições legais.

(11) **PI 0401808-7** B1 **16.1**
(22) 24/05/2004
(30) 27/05/2003 FR 03 06435
(43) 18/01/2005
(51) B64D 27/00 (2006.01), B64D 27/26 (2006.01)
(54) DISPOSITIVO DE FIXAÇÃO DE UM TURBOMOTOR NO MONTANTE DE UM AVIÃO
(73) Snecma (FR)
(72) Félix, Jean-Claude Pasquer, Philippe Loewenstein, MARC TESNIERE
(74) Momsen, Leonardos & Cia.
Prazo de Validade: 20 (vinte) anos contados a partir de 24/05/2004, observadas as condições legais.

(11) **PI 0402752-3** B1 **16.1**
(22) 09/07/2004
(30) 25/07/2003 JP 2003-201436
(43) 24/05/2005
(51) C23C 14/06 (2006.01)
(54) FILME RÍGIDO DE ALTA RESISTÊNCIA AO DESGASTE
(73) Mitsubishi Heavy Industries, LTD. (JP)
(72) MASANOBU MISAKI, YUKIO KODAMA, YOZO NAKAMURA, YOSHIHIRO WADA, TOYOAKI YASUI, TOSHIROU KOBAYASHI, KATSUYASU HANANAKA
(74) NELLIE ANNE DAIEL-SHORES
Prazo de Validade: 20 (vinte) anos contados a partir de 09/07/2004, observadas as condições legais.

(11) **PI 0403579-8** B1 **16.1**
(22) 09/08/2004
(43) 21/03/2006
(51) A01K 1/10 (2006.01)
(54) PROCESSO DE FABRICAÇÃO DE DOSADOR DE RAÇÃO PARA ANIMAIS, E DOSADOR RESULTANTE
(73) BIG DUTCHMAN BRASIL LTDA. (BR/RS)
(72) João Ricardo Pereira Santanna
(74) Capella & Veloso Advogados Associados
Prazo de Validade: 20 (vinte) anos contados a partir de 09/08/2004, observadas as condições legais.

(11) **PI 0404398-7** B1 **16.1**
(22) 15/10/2004
(30) 15/10/2003 US 10/685,637; 05/02/2004 US 10/772,534
(43) 14/06/2005
(51) C23C 14/16 (2006.01), C23C 28/00 (2006.01)
(54) Processo para a formação coberturas de alumineto de difusão em superfícies não cobertas de um substrato
(73) General Electric Company (US)
(72) Nripendra Nath Das, Joseph David Rigney, Jeffrey Allan Pfaendtner, Matthew David Saylor
(74) ADVOCACIA PIETRO ARIBONI S/C
Prazo de Validade: 20 (vinte) anos contados a partir de 15/10/2004, observadas as condições legais.

(11) **PI 0406851-3** B1 **16.1**
(22) 09/02/2004
(30) 12/02/2003 AT A213/2003
(51) B60D 1/06 (2006.01)
(54) DISPOSITIVO DE ACOPLAMENTO PARA VEÍCULOS DE TRAÇÃO
(73) Josef Scharmüller (AT)
(72) Josef Scharmüller
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 20 (vinte) anos contados a partir de 09/02/2004, observadas as condições legais.

(11) **PI 0409259-7** B1 **16.1**
(22) 07/04/2004
(30) 10/04/2003 JP 2003-106308
(51) C08L 101/00 (2006.01), C08K 7/22 (2006.01), C08K 5/00 (2006.01), B32B 27/18 (2006.01), A23L 3/00 (2006.01), A23B 4/06 (2006.01), A61F 13/47 (2006.01), A61F 13/49 (2006.01)
(54) Composição de resina absorvedora de água, e material absorvente e produto absorvente compreendendo a mesma
(73) SUMITOMO SEIKA CHEMICALS CO., LTD (JP)
(72) TAKAYASU TANIGUCHI, YASUHIRO NAWATA, MASAYOSHI HANDA
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 20 (vinte) anos contados a partir de 07/04/2004, observadas as condições legais.

(11) **PI 0410024-7** B1 **16.1**
(22) 28/04/2004
(30) 28/04/2003 US 10/425,188
(51) C10M 159/24 (2006.01)
(54) Método para proteger conexões rosqueadas
(73) Jet-Lube, Inc. (US)
(72) Donald A. Oldiges, HERSCHEL MCDONALD, Tom Blake
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 20 (vinte) anos contados a partir de 28/04/2004, observadas as condições legais.

(11) **PI 0410685-7** B1 **16.1**
(22) 05/05/2004
(30) 06/05/2003 US 60/468,231
(51) C12P 7/18 (2006.01), C07C 29/80 (2006.01), C07C 31/20 (2006.01)
(54) Processos de purificação do 1,3-propanodiol e composição
(73) E.I. du Pont de Nemours and Company (US) , Tate & Lyle Ingredientes Americas, Inc (US)
(72) Dennis Michael Adkesson, Albert W. Alsop, Tyler T. Ames, Luís Alberto Chu, JAMES M. DISNEY, Bryan C. Dravis, PATRICK FITZGIBBON, James M. Gaddy, F.Glenn Gallagher, William F. Lehnhardt, Jefferson C. Lievense, Michael L. Luyben, Robert E. Trotter, Gregory M. Wenndt, Eugene K. Yu, MAYIS SEAPAN
(74) Carolina Nakata
Prazo de Validade: 20 (vinte) anos contados a partir de 05/05/2004, observadas as condições legais.

(11) **PI 0414371-0** B1 **16.1**
(22) 15/09/2004
(30) 15/09/2003 FR 0310817
(51) B65D 25/10 (2006.01), B60S 1/38 (2006.01)
(54) DISPOSITIVO DE EMBALAGEM PARA ESCOVA DE LIMPADOR DE PÁRA-BRISA COM LÂMINA CURVA E ESTRUTURA FLEXÍVEL INTEGRADA
(73) Valeo Systemes D'Essuyage (FR)
(72) Catherine Clamagirand, Stéphane Houssat
(74) Luiz Leonardos & Cia - Propriedade Itelectual
Prazo de Validade: 20 (vinte) anos contados a partir de 15/09/2004, observadas as condições legais.

(11) **PI 0415247-6** B1 **16.1**
(22) 12/10/2004
(30) 15/10/2003 SE 0302740-6
(51) F01P 3/20 (2006.01)
(54) DISPOSIÇÃO PARA RESFRIAMENTO DE UM COMPONENTE DE VEÍCULO
(73) Volvo Lastvagnar AB (SE)
(72) Gruia, Marian
(74) Magnus Aspeby e Claudio Szabas
Prazo de Validade: 20 (vinte) anos contados a partir de 12/10/2004, observadas as condições legais.

(11) **PI 0416380-0** B1 **16.1**
(22) 16/06/2004
(30) 24/11/2003 US 10/721.829
(51) A61F 13/15 (2006.01)
(54) ARTIGO ABSORVENTE E MÉTODO DE FORMAÇÃO DE CHUMAÇOS ABSORVENTES A PARTIR DE UM MATERIAL DE TRAMA ABSORVENTE
(73) Kimberly-Clark Worldwid, INC (US)
(72) Michael Barth Venturino, Robert Eugene Vogt
(74) PINHEIRO NETO ADVOGADOS
Prazo de Validade: 20 (vinte) anos contados a partir de 16/06/2004, observadas as condições legais.

(11) **PI 0418047-0** B1 **16.1**
(22) 22/12/2004
(30) 23/12/2003 EP 03 029730.3; 23/12/2003 US 60/531,614
(51) C07F 9/40 (2006.01), C07C 321/08 (2006.01), C07D 213/64 (2006.01), C07D 213/71 (2006.01)
(54) Processo para a preparação de derivados de piridina e composto intermediário
(73) Dow Agrosciences LLC (US)
(72) Joachim Gebhardt, Norbert Götz, Hagen Jaedicke, Guido Mayer, Michael Rack
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 20 (vinte) anos contados a partir de 22/12/2004, observadas as condições legais.

(11) **PI 0418786-5** B1 **16.1**
(22) 30/04/2004
(51) B29D 30/20 (2006.01)
(54) Método e aparelho para produzir um pneu que roda vazio para rodas de veículo
(73) Pirelli Tyre S.P.A. (IT)
(72) CLAUDIO LACAGNINA
(74) Momsen, Leonardos & Cia
Prazo de Validade: 20 (vinte) anos contados a partir de 30/04/2004, observadas as condições legais.

(11) **PI 0504210-0** B1 **16.1**
(22) 29/09/2005
(43) 14/02/2006

(51) B03B 7/00 (2006.01)
(54) PROCESSO PARA OBTENÇÃO DE CONCENTRADOS DE APATITA
(73) BPI - BUNGE PARTICIPAÇÕES E INVESTIMENTOS S.A. (BR/SP)
(72) LAURO AKIRA TAKATA, NELSON TAKESSI SHIMABUKURO
(74) M C Araújo Consultoria em Propriedade Industrial Ltda.
Prazo de Validade: 20 (vinte) anos contados a partir de 29/09/2005, observadas as condições legais.

(11) **PI 0509713-4** B1 **16.1**
(22) 06/04/2005
(30) 06/04/2004 EP 04076080.3; 26/04/2004 EP 04076247.8; 29/10/2004 EP 04077980.3; 01/02/2005 EP 05100657.5
(51) A23L 1/227 (2006.01), A23L 1/226 (2006.01), A23L 1/231 (2006.01), A23L 1/229 (2006.01), A23L 1/30 (2006.01)
(54) PROCESSO PARA PRODUZIR UMA PREPARAÇÃO PARA FLAVOR MAILLARD, PREPARAÇÃO PARA FLAVOR MAILLARD, E, PRODUTO
(73) Quest International B.V. (NL) , Quest International Services B.V. (NL)
(72) JAN VISSER, Caroline de Lamarliere, HARRY RENES, CHRIS WINKEL
(74) Momsen, Leonardos & Cia.
Prazo de Validade: 20 (vinte) anos contados a partir de 06/04/2005, observadas as condições legais.

(11) **PI 0512168-0** B1 **16.1**
(22) 10/06/2005
(30) 17/06/2004 JP 2004-179472; 07/04/2005 JP 2005-110701
(51) C07D 277/28 (2006.01)
(54) PROCESSO PARA PREPARAR TIAZOL POR AMINOMETILAÇÃO
(73) Sumitomo Chemical Company, Limited (JP)
(72) Naoyuki Takano, Shinzo Seko, Kazuyuki Tanaka
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira
Prazo de Validade: 20 (vinte) anos contados a partir de 10/06/2005, observadas as condições legais.

(11) **PI 0601562-0** B1 **16.1**
(22) 26/04/2006
(30) 17/03/2006 CA 2,538,962
(43) 06/11/2007
(51) C22B 3/06 (2006.01)
(54) PROCESSO PARA RECUPERAÇÃO DE ESPÉCIES METÁLICAS VALIOSAS DE UMA MATÉRIA-PRIMA DO TIPO LATERITA
(73) Nichromet Extration Inc. (CA)
(72) JEAN-MARC LALANCETTE
(74) Di Blasi, Parente & Associados Prop. Industrial Ltda
Prazo de Validade: 20 (vinte) anos contados a partir de 26/04/2006, observadas as condições legais.

(11) **PI 9804765-5** B1 **16.1**
(22) 23/01/1998
(30) 23/01/1997 FI 970282
(51) B66B 1/02 (2006.01), B66B 1/20 (2006.01)
(54) "Procedimento para controlar um grupo de elevadores"
(73) Kone Corporation (FI)
(72) Marja Liisa Siikonen
(74) Vieira de Mello, Werneck Alves - Advogados S/C
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 9811098-5** B1 **16.1**
(22) 22/05/1998
(30) 27/06/1997 US 08/884,630
(51) H04J 3/16 (2006.01), H04L 29/06 (2006.01)
(54) PROCESSO DE MULTIPLEXAÇÃO MULTIMÍDIA
(73) Samsung Eletronics Co., Ltd (KR) , The Regents Of The University Of California (US)
(72) Dong Seek Park, John Villasenor
(74) Paulo C. Oliveira & Cia.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 9813874-0** B1 **16.1**
(22) 05/10/1998
(30) 21/10/1997 SE 9703000-1
(54) PROCESSO PARA CONTROLAR A POTÊNCIA DE SAÍDA DE UM AMPLIFICADOR ÓTICO EM UM NÓ EM UMA REDE, NÓ EM UMA REDE E REDE COMPREENDENDO PELO MENOS DOIS NÓS
(73) Telefonaktiebolaget LM Ericsson (publ) (SE)
(72) Tomas Askinger, Bengt Johansson, Nigel Robert Wood
(74) Momsen, Leonardos & CIA.
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 9907665-9** B1 **16.1**
(22) 12/02/1999
(30) 09/03/1998 FI 980532
(54) MÉTODO E APARELHO PARA CODIFICAR E DECODIFICAR O SINAL DE VOZ
(73) Nokia Mobile Phones Limited (FI)
(72) Pasi Ojala
(74) Araripe & Associados
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 9914221-0** B1 **16.1**
(22) 22/12/1999
(30) 23/12/1998 US 60/113.728; 14/04/1999 US 60/129.313; 04/11/1999 US 60/164.024; 10/12/1999 US 60/169.978
(51) C07K 9/00 (2006.01), A61K 38/14 (2006.01)
(54) DERIVADOS DE GLICOPEPTÍDEOS E COMPOSIÇÕES FARMACÊUTICAS CONTENDO OS MESMOS
(73) Theravance, INC. (US)
(72) J. Kevin Judice, Paul Ross Fatheree, Bernice M. T. Lam, Michael Leadbetter, Martin Sheringham Linsell, Yongqi Mu, Yan Zhu, Sean Gary Trapp, Guang Yang
(74) Clarke Modet do Brasil LTDA
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

(11) **PI 9915081-6** B1 **16.1**
(22) 05/11/1999
(30) 05/11/1998 FI 982399; 08/03/1999 FI 990499; 25/05/1999 FI 991184
(51) H04W 56/00 (2009.01), H04B 7/26 (2006.01), H04J 3/06 (2006.01)
(54) PROCESSO E DISPOSITIVO PARA SINCRONIZAR A TRANSMISSÃO DE QUADROS EM REDES CELULARES
(73) Sisvel International S.A. (LU)
(72) Fabio Longoni, Jukka Vialén, Valtteri Niemi, Jukka Ranta
(74) Maria Pia Carvalho Guerra
Prazo de Validade: 10 (dez) anos contados a partir de 31/12/2013, observadas as condições legais.

16.4 CONCESSÃO ANULADA

(21) **PI 0017052-6** B1 **16.4**
(22) 28/12/2000
(30) 28/12/1999 US 60/173,390
(51) A61K 38/00 (2006.01), A01N 43/04 (2006.01)
(54) Método para a projeção de um constructo poliepitópico e constructo poliepitópico preparado pelo referido método
(73) Epimmune, Inc. (US)
(72) Alessandro Sette, Robert Chesnut, Brian D. Livingston, Denise Marie Baker, Mark J. Newman
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Referente a RPI 2242 de 24/12/2013, por ter sido indevido.

21. Extinção de Patente e Certificado de Adição de Invenção

21.6 EXTINÇÃO DA PATENTE PARA FINS DA RESTAURAÇÃO NOS TERMOS DO ART. 87 DA LPI

(11) **PI 0010576-7** B1 **21.6**
(45) 02/12/2008
(73) Udo Winter (AT) , Johann Schabelreiter (AT) , Werner Martin (AT)
(74) Orlando de Souza
Referente à 13ª anuidade

(11) **PI 9406853-4** B1 **21.6**
(45) 06/08/2002
(73) Jud Ireland (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Referente ao não recolhimento da 18ª anuidade.

(11) **PI 9711603-3** B1 **21.6**
(45) 10/06/2003
(73) Marathon Oil Company (US)
(74) Clarke Modet do Brasil Ltda.
Referente 13a. anuidade(s).

(11) **PI 9906428-6** B1 **21.6**
(45) 07/04/2009
(73) Basell Poliolefine Italia s.r.l. (IT)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Referente ao não recolhimento da 14ª anuidade.

22. Outros Referentes a Patentes e Certificados de Adição de Invenção

22.15 PATENTE SUB JUDICE

(11) **PI 9605553-7** B1 **22.15**
(45) 30/09/2003
(73) Betapack, S.A. (ES)
(74) Bhering Advogados
INPI-52400.083613/2013-98
Origem: Juízo da 013ª Vara Federal do Rio de Janeiro
Processo Nº 0022229-28.2013.4.02.5101
Ação Ordinária de Nulidade da Decisão Administrativa de Concessão da Patente
Autor: INDÚSTRIA DE PLÁSTICOS INDEPLAST LTDA
Réu: BETAPACK, S.A., e Instituto Nacional da Propriedade Industrial - INPI.

24. Anuidade de Patente

24.2 EXIGÊNCIA DE COMPLEMENTAÇÃO DA RETRIBUIÇÃO ANUAL

(11) **PI 9501855-7** B1 **24.2**
(45) 26/04/2005
(73) Petróleo Brasileiro S.A. - PETROBRÁS (BR/RJ)
(74) Antônio Cláudio Correa Meyer Sant'Anna
Referente a 11ª e 12ª anuidades, de acordo com tabela vigente, guias de recolhimento 22050217915-2 e 22060282447-5, respectivamente.

(11) **PI 9603704-0** B1 **24.2**
(45) 09/07/2002
(73) Companhia Vale do Rio Doce (BR/MG)
(74) Francisco de Assis Palhares Pereira
Complementar 10a. anuidade(s) de acordo com tabela vigente referente à(s) guia(s) 220504178170.

(11) **PI 9711522-3** B1 **24.2**
(45) 08/07/2003
(73) Colormatrix Holdings, Inc. (US)
(74) Flávia Salim Lopes
Complementar 10a. anuidade(s) de acordo com tabela vigente referente à(s) guia(s) 920605371190.

(11) **PI 9802968-1** B1 **24.2**
(45) 20/01/2004
(73) Companhia Vale do Rio Doce (BR/MG)
(74) Denise Naimara dos Santos Tavares
Complementar 8a. anuidade(s) de acordo com tabela vigente referente à(s) guia(s) 220504178218.

(11) **PI 9802971-1** B1 **24.2**
(45) 20/01/2004
(73) Companhia Vale do Rio Doce (BR/MG)
(74) Denise Naimara dos Santos Tavares
Complementar 8a. anuidade(s) de acordo com tabela vigente referente à(s) guia(s) 220504178234.

24.8
EXTINÇÃO DEFINITIVA - ART. 78 INCISO IV DA LPI

(11) **PI 9406988-3** B1 **24.8**
(45) 28/09/2004
(73) California Institute of Technology (US)
(74) Momsen, Leonardos & Cia.
EXTINÇÃO DEFINITIVA - ART. 78 INCISO IV DA LPI

(11) **PI 9812676-8** B1 **24.8**
(45) 02/08/2005
(73) Minrad Inc. (US)
(74) Momsen, Leonardos & Cia.
EXTINÇÃO DEFINITIVA - ART. 78 INCISO IV DA LPI

(11) **PP 1100041-4** B1 **24.8**
(45) 11/10/2005
(73) The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (US)
(74) Momsen, Leonardos & Cia.
EXTINÇÃO DEFINITIVA - ART. 78 INCISO IV DA LPI

(11) **PP 1100043-0** B1 **24.8**
(45) 03/08/1999
(73) Suedzucker Aktiengesellschaft Mannehim/Ochsenfurt (DE)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
EXTINÇÃO DEFINITIVA - ART. 78 INCISO IV DA LPI

(11) **PP 1100159-3** B1 **24.8**
(45) 26/09/2006
(73) Merck Sharp & Dohme Corp. (US)
(74) Kasznar, Leonardos, Propriedade Intelectual
EXTINÇÃO DEFINITIVA - ART. 78 INCISO IV DA LPI

25. Anotação de Alteração de Nome e/ou Sede e Transferência de Pedido, Patente e Certificado de Adição de Invenção

25.1
TRANSFERÊNCIA DEFERIDA

(21) **PI 0109983-3** A2 **25.1**
(22) 12/04/2001
(71) BAYER INTELLECTUAL PROPERTY GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0114181-3** B1 **25.1**
(22) 01/08/2001
(71) BAYER INTELLECTUAL PROPERTY GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0304659-1** A2 **25.1**
(22) 30/04/2003
(71) BAYER INTELLECTUAL PROPERTY GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0304660-5** A2 **25.1**
(22) 30/04/2003
(71) BAYER INTELLECTUAL PROPERTY GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0312140-2** A8 **25.1**
(22) 11/06/2003
(71) BAYER INTELLECTUAL PROPERTY GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0407069-0** A2 **25.1**
(22) 21/01/2004
(71) LANDMARK GRAPHICS CORPORATION (US)
(74) ORLANDO DE SOUZA

(21) **PI 0415421-5** A2 **25.1**
(22) 12/10/2004
(71) BAYER INTELLECTUAL PROPERTY GMBH. (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0618903-2** A8 **25.1**
(22) 10/11/2006
(71) MESSIER-BUGATTI (FR)
(74) Momsen, Leonardos & CIA.

(21) **PI 0618905-9** A8 **25.1**
(22) 10/11/2006
(71) MESSIER-BUGATTI (FR)
(74) Momsen, Leonardos & CIA.

(21) **PI 0716678-8** A2 **25.1**
(22) 14/11/2007
(71) CHEN MING-TE (TW)
(74) RITA DE CASSIA BRUNNER

(21) **PI 0716776-8** A2 **25.1**
(22) 13/09/2007
(71) MESSIER-BUGATTI (FR)
(74) MOMSEN , LEONARDOS & CIA

(21) **PI 0717677-5** A2 **25.1**
(22) 24/10/2007
(71) TSRC (USA) INVESTMENT CORPORATION (US)
(74) DANNEMANN , SIEMSEN , BIGLER & IPANEMA MOREIRA

(21) **PI 0717764-0** A2 **25.1**
(22) 11/10/2007
(71) MESSIER-BUGATTI (FR)
(74) Momsen, Leonardos & CIA.

(21) **PI 0717982-0** A2 **25.1**
(22) 22/10/2007
(71) WHITFORD B.V. (NL)
(74) DAVID DO NASCIMENTO

(21) **PI 0718221-0** A2 **25.1**
(22) 30/10/2007
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. (NL)
(74) Momsen, Leonardos & Cia.

(21) **PI 0718314-3** A2 **25.1**
(22) 26/10/2007
(71) XYLECO, INC. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718350-0** A2 **25.1**
(22) 12/12/2007
(71) POLLOGEN LTD. (IL)
(74) Pinheiro Neto - Advogados

(21) **PI 0718411-5** A2 **25.1**
(22) 30/11/2007
(71) THE EUROPEAN UNION (BE)
(74) Matos & Associados - Advogados

(21) **PI 0718415-8** A2 **25.1**
(22) 25/10/2007
(71) AIRBUS OPERATIONS SAS (FR)
(74) NELLIE D SHORES

(21) **PI 0718416-6** A2 **25.1**
(22) 25/10/2007
(71) AIRBUS OPERATIONS SAS (FR)
(74) NELLIE D SHORES

(21) **PI 0718420-4** A2 **25.1**
(22) 22/10/2007
(71) NEURENDO PHARMA, LLC (US)
(74) Nellie Anne Daniel-Shores

(21) **PI 0718475-1** A2 **25.1**
(22) 12/07/2007
(71) MEAD JOHNSON NUTRITION COMPANY (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718644-4** A2 **25.1**
(22) 13/11/2007
(71) F. HOFFMANN-LA ROCHE AG (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0719450-1** A2 **25.1**
(22) 20/12/2007
(71) RHODIA OPERATIONS (FR) , GALA INDUSTRIES, INC. (US)
(74) Paola Calabria Mattioli

25.3
TRANSFERÊNCIA EM EXIGÊNCIA

(21) **PI 0718338-0** A2 **25.3**
(22) 04/12/2007
(71) DAVID R. HALL (US)
(74) DAVID DO NASCIMENTO ADVOGADOS ASSOCIADOS S/C
A fim de atender as transferências, requeridas através da petição nº 18100024849/SP de 08/07/2010, é necessário apresentar os documentos de transferência com a devida legalização consular, além da guia de cumprimento de exigência.

25.4
ALTERAÇÃO DE NOME DEFERIDA

(11) **PI 0002095-8** B1 **25.4**
(22) 10/05/2000
(73) Yamamoto Rock Machine Co., Ltd. (JP) , Nittetsu Plant Designing Corporation (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0004279-0** B1 **25.4**
(22) 19/09/2000
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 0006148-4** B1 **25.4**
(22) 09/08/2000
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 0006876-4** B1 **25.4**
(22) 12/05/2000
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0009266-5** A2 **25.4**
(22) 16/03/2000
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0017447-5** A2 **25.4**
(22) 05/04/2000
(62) PI 0010021-8 05/04/2000
(71) Nittetsu Plant Designing Corporation (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann Siemsen, Bigler & Ipanema Moreira

(11) **PI 0017448-3** B1 **25.4**
(22) 05/04/2000
(62) PI 0010021-8 05/04/2000
(73) Nittetsu Plant Designing Corporation (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0100463-8** B1 **25.4**
(22) 08/02/2001
(73) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0101090-5** A2 **25.4**
(22) 19/03/2001
(71) ZOETIS WHC 2 LLC (US)
(74) Kasnar Leonardos Prorpiedade Intelectual

(21) **PI 0116249-7** A2 **25.4**
(22) 11/12/2001
(71) ZOETIS W LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0207269-6** A2 **25.4**
(22) 14/02/2002
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0302581-0** B1 **25.4**
(22) 08/01/2003
(73) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0303500-0** B1 **25.4**
(22) 10/09/2003
(73) ZOETIS W LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0304718-0** A2 **25.4**
(22) 04/04/2003
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0306141-8** A2 **25.4**
(22) 21/08/2003
(71) Nippom Shokubai CO., LTD. (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0313211-0** B1 **25.4**
(22) 22/07/2003
(73) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0313328-1** B1 **25.4**
(22) 03/07/2003
(73) Nittetsu Plant Designing Corporation (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0314758-4** B1 **25.4**
(22) 09/09/2003
(71) Nittetsu Plant Designing Corporation (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0315340-1** A2 **25.4**
(22) 14/10/2003
(71) ZOETIS W LLC (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0318364-5** B1 **25.4**
(22) 24/06/2003
(73) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0405735-0** A2 **25.4**
(22) 20/12/2004
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0406929-3** A2 **25.4**
(22) 27/01/2004
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0407248-0** A8 **25.4**
(22) 04/02/2004
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0407615-0** A2 **25.4**
(22) 04/02/2004
(71) BAYER PHARMA AKTIENGESELLSCHAFT (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0408983-9** A2 **25.4**
(22) 30/03/2004
(71) Usinor (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(11) **PI 0409569-3** B1 **25.4**
(22) 30/03/2004
(73) Usinor (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0410575-3** A8 **25.4**
(22) 09/01/2004
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0411211-3** A2 **25.4**
(22) 04/06/2004
(71) Usinor (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 0413708-6** B1 **25.4**
(22) 19/08/2004
(73) Usinor (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0416273-0** A2 **25.4**
(22) 04/11/2004
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0418003-8** A2 **25.4**
(22) 10/12/2004
(71) Usinor (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann , Siemsen, Bigler & Ipanema Moreira

(21) **PI 0418164-6** A2 **25.4**
(22) 24/12/2004
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0508416-4** A2 **25.4**
(22) 02/03/2005
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigbler & Ipanema Moreira

(11) **PI 0508533-0** B1 **25.4**
(22) 09/03/2005
(73) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0511832-8** A2 **25.4**
(22) 15/07/2005
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0514009-9** A2 **25.4**
(22) 30/11/2005
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0515350-6** A2 **25.4**
(22) 08/09/2005
(71) Alcelor France (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0516512-1** A2 **25.4**
(22) 13/10/2005
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0517997-1** A2 **25.4**
(22) 17/11/2005
(71) Arcelor France (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0518002-3** A2 **25.4**
(22) 17/11/2005
(71) Arcelor France (FR) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0519815-1** A2 **25.4**
(22) 08/12/2005
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0607427-8** A2 **25.4**
(22) 09/02/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0607428-6** A2 **25.4**
(22) 09/02/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0607524-0** A2 **25.4**
(22) 20/12/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0607715-3** A8 **25.4**
(22) 27/03/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0608357-9** A2 **25.4**
(22) 14/04/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0608494-0** A2 **25.4**
(22) 14/04/2006

(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0610540-8** A2 **25.4**
(22) 14/04/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0610554-8** A2 **25.4**
(22) 05/04/2006
(71) NIPPON STEEL ENGINEERING CO., LTD. (JP) , NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0616709-8** A2 **25.4**
(22) 25/09/2006
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0619620-9** A2 **25.4**
(22) 04/12/2006
(71) ZOETIS W LLC (US)
(74) DANNEMANN ,SIEMSEN, BIGLER & IPANEMA MOREIRA

(21) **PI 0702836-9** A8 **25.4**
(22) 29/03/2007
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0702858-0** A2 **25.4**
(22) 29/03/2007
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0703563-2** A2 **25.4**
(22) 10/08/2007
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0703631-0** A2 **25.4**
(22) 10/08/2007
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0712627-1** A2 **25.4**
(22) 13/06/2007
(71) DOW GLOBAL TECHNOLOGIES LLC (US)
(74) PAULO SERGIO SCATAMBURLO

(21) **PI 0714245-5** A2 **25.4**
(22) 28/06/2007
(71) MESSIER-BUGATTI (FR)
(74) Momsen, Leonardos & CIA.

(21) **PI 0715344-9** A2 **25.4**
(22) 02/08/2007
(71) MSD CONSUMER CARE, INC. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0716663-0** A2 **25.4**
(22) 14/08/2007
(71) ECOSYNTHETIX LTD. (US)
(74) Momsen, Leonardos & Cia

(21) **PI 0717173-0** A2 **25.4**
(22) 21/09/2007
(71) MSD CONSUMER CARE, INC. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0717338-5** A2 **25.4**
(22) 25/10/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) Nellie anne Daniel Shores

(21) **PI 0717527-2** A2 **25.4**
(22) 16/10/2007
(71) CAREFUSION 303, INC. (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0718046-2** A2 **25.4**
(22) 31/10/2007
(71) VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT (FR)
(74) DANIEL ADVOGADOS

(21) **PI 0718161-2** A2 **25.4**
(22) 23/10/2007
(71) Istituto Di Ricerche Di Biologia Molecolare P. Angeletti S.A.A. (IT) , MERCK SHARP & DOHME CORP. (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0718294-5** A2 **25.4**
(22) 02/11/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL - SHORES

(21) **PI 0718346-1** A2 **25.4**
(22) 03/12/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL - SHORES

(21) **PI 0718419-0** A2 **25.4**
(22) 18/10/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL - SHORES

(21) **PI 0718462-0** A2 **25.4**
(22) 12/11/2007
(71) AIRBUS OPERATIONS LIMITED (GB)
(74) NELLIE D SHORES

(21) **PI 0718648-7** A2 **25.4**
(22) 12/11/2007
(71) AIRBUS OPERATIONS LIMITED (GB)
(74) NELLIE D SHORES

(21) **PI 0718800-5** A2 **25.4**
(22) 15/11/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL - SHORES

(21) **PI 0719025-5** A2 **25.4**
(22) 21/11/2007
(71) Deutsches Zentrum Für Luft - Und Raumfahrt E.V. (DLR) (DE) , AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL -SHORES

(21) **PI 0719043-3** A2 **25.4**
(22) 20/11/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL SHORES

(21) **PI 0719044-1** A2 **25.4**
(22) 20/11/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DANIEL SHORES

(21) **PI 0719580-0** A2 **25.4**
(22) 03/12/2007
(71) MERCK SHARP & DOHME CORP. (US)
(74) Momsen, Leonardos & CIA.

(21) **PI 0719655-5** A2 **25.4**
(22) 21/11/2007
(71) AIRBUS OPERATIONS LIMITED (GB)
(74) NELLIE D SHORES

(21) **PI 0719671-7** A2 **25.4**
(22) 29/11/2007
(71) AIRBUS OPERATIONS GMBH (DE)
(74) NELLIE ANNE DAIEL-SHORES

(21) **PI 0805832-6** A2 **25.4**
(22) 27/10/2008
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0902016-0** A2 **25.4**
(22) 02/06/2009
(71) MESSIER-BUGATTI-DOWTY (FR)
(74) Momsen, Leonardos & CIA.

(21) **PI 0903370-0** A2 **25.4**
(22) 09/09/2009
(71) EASYLUX EXPORTAÇÃO, IMPORTAÇÃO E FORNECIMENTOS DE EQUIPAMENTOS LTDA - EPP (BR/SP)

(21) **PI 1100188-7** **25.4**
(22) 02/02/2011
(71) MESSIER-BUGATTI-DOWTY (FR)
(74) Momsen, Leonardos & Cia

(11) **PI 9406985-9** B8 **25.4**
(22) 30/06/1994
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9505866-4** B1 **25.4**
(22) 24/03/1995
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9506522-9** B1 **25.4**
(22) 13/11/1995
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9604885-9** B1 **25.4**
(22) 26/08/1996
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9606359-9** B1 **25.4**
(22) 07/05/1996
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9606611-3** B1 **25.4**
(22) 28/08/1996
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(11) **PI 9606623-7** B1 **25.4**
(22) 05/09/1996
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 9704632-9** A2 **25.4**
(22) 26/09/1997
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9714967-5** B1 **25.4**
(22) 03/12/1997
(71) ZOETIS P&U LLC (US)
(74) DANNEMANN ,SIEMSEN, BIGLER & IPANEMA MOREIRA

(11) **PI 9814468-5** B1 **25.4**
(22) 25/12/1998
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(11) **PI 9906774-9** B1 **25.4**
(22) 27/07/1999
(71) NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

25.6
ALTERAÇÃO DE NOME EM EXIGÊNCIA

(21) **PI 0621207-7** A2 **25.6**
(22) 01/09/2006
(71) Coding Technologies AB (SE)
(74) Cruzeiro Newmarc Patentes e Marcas Ltda.

A fim de atender as alterações de nome e sede requeridas através da petição nº 18120006430, de 02/03/2012, é necessário apresentar procuração original ou fotocópia autenticada, em que conste a nova denominação como outorgante. Além disso, é imprescindível recolher uma guia referente à segunda alteração da denominação, uma guia referente à alteração de sede e uma guia relativa a esta exigência.

(21) **PI 0715312-0** A2 **25.6**
(22) 05/10/2007
(71) FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (DE) , Dolby Sweden AB (SE) , KONINKLIJKE PHILIPS ELECTRNICS N. V. (NL)
(74) Cruzeiro Newmarc Patentes e Marcas Ltda.
A fim de atender as alterações de nome e sede requeridas através da petição nº 18120006431, de 02/03/2012, é necessário apresentar procuração original ou fotocópia autenticada, em que conste a nova denominação como outorgante. Ademais, é mister recolher a guia relativa à alteração de sede e a referente a esta exigência.

(21) **PI 0715559-0** A2 **25.6**
(22) 05/10/2007
(71) Dolby Sweden AB (SE)
(74) Cruzeiro Newmarc Patentes e Marcas Ltda.
A fim de atender as alterações de nome e sede requeridas através da petição nº 18120006426, de 02/03/2012, é necessário apresentar procuração original ou fotocópia autenticada, em que conste a nova denominação como outorgante. Ademais, é mister recolher a guia relativa à alteração de sede e a referente a esta exigência.

(21) **PI 0720039-0** A2 **25.6**
(22) 12/12/2007
(71) OTV SA S.A. (FR)
(74) Momsen, Leonardos & Cia.
A fim de atender a alteração de nome solicitada através da petição nº 020110041549-RJ, de 26/04/2011, é necessário esclarecer divergência entre os nomes do depositante atual e aquele a qual se requer a alteração.

25.7
ALTERAÇÃO DE SEDE DEFERIDA

(21) **BR 10 2012 012036-4** A2 **25.7**
(22) 18/05/2012
(71) DAVID TENG PONG (CN)
(74) Kasznar Leonardos Propriedade Intelectual

(21) **PI 0716820-9** A2 **25.7**
(22) 06/09/2007
(71) THE GILLETE COMPANY (US)
(74) Trench Rossi e Watanabe Advogados

(21) **PI 0719022-0** A2 **25.7**
(22) 21/11/2007
(71) NIPPON STEEL CORPORATION (JP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira

(21) **PI 0719107-3** A2 **25.7**
(22) 20/11/2007
(71) Baxter International INC. (US) , BAXTER HEALTHCARE SA. (CH)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0719553-2** A2 **25.7**
(22) 30/11/2007
(71) LUFTHANSA TECHNIK AG (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

(21) **PI 0903601-6** A2 **25.7**
(22) 30/09/2009
(71) LEMASA INDÚSTRIA E COMÉRCIO DE BOMBAS DE ALTA PRESSÃO LIMITADA (BR/SP)
(74) Icamp Marcas e Patentes S/C Ltda

(21) **PI 1106262-2** A2 **25.7**
(22) 12/08/2011
(71) DAVID TENG PONG (CN)
(74) KASZNAR LEONARDOS PROPRIEDADE INTELECTUAL

(11) **PI 9905363-2** B1 **25.7**
(22) 11/11/1999
(73) Ducera Dental GmbH & Co. KG (DE) , EVONIK DEGUSSA GMBH (DE)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira

27. Patentes Verdes – Programa Piloto

27.1
NOTIFICAÇÃO DE SOLICITAÇÃO PARA PARTICIPAÇÃO NO PROGRAMA DE PATENTES VERDES

(21) **BR 10 2013 027863-7** **27.1**
(22) 29/10/2013
(51) A61M 5/34 (2006.01)
(71) EDUARDO HERNANDES FERNANDES (BR/RS)
(74) MARPA CONSULTORIA & ASSESSORIA EMPRESARIAL LTDA

Diretoria de Contratos, Indicações Geográficas e Registros - DICIG
Tabela de Códigos de Despachos de Pedidos e Registros de Desenhos Industriais

RPI 2243 de 31/12/2013

0 Exigência – Art. 103 da LPI
O pedido requerido pela petição citada não atende formalmente ao disposto no art. 103 da LPI e/ou às demais disposições quanto à sua forma, tendo sido recebido provisoriamente. Não tendo sido possível uma ciência ao interessado diretamente no processo ou por via postal, fica o requerente obrigado a sanar, em 5 (cinco) dias a contar desta data, as exigências estabelecidas. Não sendo a exigência cumprida com a apresentação da documentação correspondente no prazo acima, o depósito não será aceito e a documentação ficará à disposição do interessado.

31 Notificação de Depósito
Notificação de depósito de pedido de registro de desenho industrial. O pedido estará disponível para vista ou cópias a serem requisitadas na DIRTEC/CGREG/SEATOR.

32 Notificação do Depósito Com Requerimento de Sigilo
Tendo sido requerido o sigilo na forma do Art. 106 § 1º o processamento do pedido será suspenso pelo prazo de 180 (cento e oitenta) dias . O depositante poderá solicitar a retirada do pedido dentro do prazo de 90 (noventa) dias contados da data do depósito. A retirada do pedido sem que o mesmo tenha produzido qualquer efeito dará prioridade ao depósito imediatamente posterior.

33 Pedido Retirado
Retirado o pedido com base no Art. 105 da LPI a requerimento do depositante.

34 Exigência - Art. 106 § 3º da LPI
Suspensão do andamento do pedido de registro de desenho industrial que, para instrução regular, aguardará o atendimento ou contestação das exigências formuladas. Caso a exigência não tenha sido explicitada no despacho da RPI, o depositante poderá requerer cópia do parecer através do formulário Modelo 1.05. A não manifestação do depositante no prazo de 60 (sessenta) dias desta data acarretará o **arquivamento definitivo** do pedido.

34.1 Conhecimento de Parecer Técnico - Art. 100 inciso II da LPI
Suspenso o andamento do Pedido para que o depositante se manifeste no prazo de 60 (sessenta) dias desta data, quanto ao contido no parecer técnico. A não manifestação ou a manifestação considerada improcedente acarretará o indeferimento do pedido.

35 Arquivamento do Pedido – Art. 216 § 2º e Art. 106 § 3º da LPI
Arquivado definitivamente o pedido de registro de desenho industrial, uma vez que não foi apresentada a procuração devida no prazo de 60 (sessenta) dias contados da prática do primeiro ato da parte no processo ou não houve manifestação do depositante quanto à exigência formulada. Pode ser adquirido no Banco de Patentes do Centro de Documentação e Informação Tecnológica do INPI - CEDIN - o folheto com o relatório descritivo e reivindicações (se for o caso) e desenhos do pedido.

35.1 Arquivamento da Petição
Arquivada a petição. Desta data corre o prazo de 60 (sessenta dias) para eventual recurso do interessado.

36 Indeferimento - Art. 106 § 4º da LPI
Indeferido o pedido por não atender ao disposto no Art. 100 da LPI, conforme parecer técnico. A cópia do parecer técnico poderá ser solicitada através do formulário Modelo 2.04. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do depositante. Pode ser adquirido no Banco de Patentes do Centro de Documentação e Informação Tecnológica do INPI - CEDIN - o folheto com o relatório descritivo e reivindicações (se for o caso) e desenhos do pedido.

37 Recurso Contra o Indeferimento
Notificação de interposição de recurso ao Presidente do INPI contra o indeferimento do pedido de registro de desenho industrial, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para apresentação de contra-razões por qualquer interessado. Poderá ser requerida cópia do recurso através de formulário específico.

38 Outros Recursos
Notificação de interposição de recurso ao Presidente do INPI contra a decisão proferida pela DIRTEC, objetivando o reexame da matéria. Desta data corre o prazo de 60 (sessenta) dias para apresentação de contra-razões por qualquer interessado. Poderá ser requerida cópia do recurso através de formulário específico.

39 Concessão do Registro
Expedição do certificado de registro de desenho industrial. O título acha-se à disposição do interessado no setor competente do INPI. Desta data corre o prazo de 5 (cinco) anos para interposição de nulidade administrativa por qualquer interessado (Art. 113 § 1º da LPI). Se interposto o pedido de nulidade no prazo de 60 (sessenta) dias contados da data da concessão, os efeitos da concessão do registro serão suspensos (Art. 113 § 2º).

40 Publicação do Parecer de Mérito
Notificação da emissão do parecer de mérito conforme previsto no Art. 111 da LPI. O parecer estará a disposição do interessado no setor competente do INPI.

41 Nulidade Administrativa
Notificação, ao titular do Registro, de instauração de processo administrativo de nulidade. Desta data corre o prazo de 60 (sessenta) dias para eventual contestação do titular (Art. 114 da LPI). Se interposto o pedido de nulidade no prazo de 60 (sessenta) dias contados da data da concessão, os efeitos da concessão do Registro serão suspensos (Art. 113 § 2º). Poderá ser requerida cópia do processo de nulidade através de formulário específico.

42 Extinção - Art. 119 inciso I da LPI
Notificação da extinção do registro de desenho industrial, pela expiração do prazo de vigência de proteção legal ou da prorrogação.

43 Extinção - Art. 119 inciso II da LPI
Notificação da extinção do registro de desenho industrial, pela homologação da renúncia apresentada pelo seu titular. Homologada a renúncia, o registro será considerado extinto na data da apresentação da renúncia.

44 Extinção - Art. 119 inciso III da LPI
Notificação da extinção do registro de desenho industrial pela falta de pagamento da retribuição prevista nos Arts. 108 e 120 da LPI.

45 Extinção - Art. 119 inciso IV da LPI
Notificação da extinção do registro de desenho industrial uma vez que após solicitação do INPI o titular deixou de comprovar a obrigação decorrente do Art. 217 da LPI.

46 Prorrogação
Prorrogada a vigência do certificado do registro de desenho industrial por solicitação do titular.

46.1 Exigência de comprovação de qüinqüênio e/ou prorrogação – Arts. 120 e 108 da LPI
O Titular deverá apresentar a comprovação do pagamento de qüinqüênio/prorrogação recolhido dentro do prazo legal estabelecido. Não cumprida a exigência no prazo de 60 (sessenta) dias, presumir-se-á o não pagamento, acarretando a extinção do registro.

46.2 Exigência de complementação de qüinqüênio e/ou prorrogação – Art. 120 e 108 da LPI
O Titular deverá complementar, de acordo com a tabela vigente na data da complementação o recolhimento do qüinqüênio/prorrogação especificado através do formulário modelo 1.07, acompanhado da guia de "cumprimento de exigência" e da de "complementação". O não cumprimento no prazo de 60 (sessenta) dias acarretará a extinção do registro.

46.3 Qüinqüênio/Prorrogação em exigência – Art. 120 e 108 da LPI.
Exigência referente ao pagamento de qüinqüênio e/ou prorrogação. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada sob pena de extinção do registro ou desconsideração do pagamento.

47 Petição Não Conhecida
Não conhecimento da petição apresentada em virtude do disposto nos Arts. 218 ou 219 da LPI.

47.1 Petição Prejudicada
Prejudicada a Petição Indicada de acordo com o complemento.

48 Petição Sustada
Sustado o conhecimento da petição para aguardar providências necessárias ao seu conhecimento.

49 Perda de Prioridade
Perda da prioridade reivindicada por não atender às disposições previstas no Art. 99 da LPI.

50 Alteração de Classificação
Alterada a classificação do registro para melhor adequação.

51 Renumeração
Alterada a numeração por ter sido numerado indevidamente.

52 Numeração Anulada
Anulada a numeração do registro.

53 Notificação de Decisão Judicial
Notificação de decisão judicial referente ao registro.

53.1 Pedido ou Registro Sub-Judice
Notificação de Ação Judicial referente ao registro.

54 Devolução de Prazo Concedida
Notificação de devolução de prazo. Desta data corre o prazo adicional concedido no despacho. O prazo será de 5 (cinco) dias, na hipótese do Art. 103 da LPI e de, no mínimo 15 (quinze) dias a, no máximo, o prazo legal dos atos correspondentes nos demais casos. De acordo com o estabelecido na Resolução 116/2004.

54.1 Devolução de Prazo Negada
Negada a solicitação de devolução de prazo uma vez que não ficou comprovada a justa causa conforme definido no Art. 221 da LPI e com base na Resolução 116/2004. A cópia do parecer poderá ser solicitada através de formulário específico. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

55 Exigências Diversas
Formulada exigência para adequação ou cumprimento de disposições legais no prazo de 60 (sessenta) dias desta data. Caso a exigência não tenha sido explicitada no despacho da RPI, o depositante/titular poderá requerer cópia do parecer através de formulário específico.

56 Transferência Deferida
Notificação do deferimento da transferência requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

57 Transferência Indeferida
Notificação do indeferimento da transferência requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

58 Transferência em Exigência
Exigência referente ao pedido de transferência requerida. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de Arquivamento da Petição do pedido de Transferência.

59 Alteração de Nome Deferida
Notificação do deferimento da alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

60 Alteração de Nome Indeferida
Notificação do indeferimento da alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

61 Alteração de Nome em Exigência
Exigência referente ao pedido de alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de arquivamento da Petição do pedido de alteração.

62 Alteração de Sede Deferida
Notificação do deferimento da alteração de Sede requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

63 Alteração de Sede Indeferida
Notificação do indeferimento da alteração de Sede requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

64 Alteração de Sede em Exigência
Exigência referente ao pedido de alteração de Sede requerida. Desta data corre o prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de arquivamento da Petição do pedido de alteração.

65 Desistência Homologada
Homologada a desistência do pedido de registro ou da petição relativa a desenho industrial apresentada pelo depositante, com base no art. 51 da Lei 9.784/99. Pode ser adquirido no Banco de Patentes do Centro de Documentação e Informação Tecnológica do INPI - CEDIN - o folheto com o relatório descritivo e reivindicações (se for o caso) e desenhos do pedido.

66 Anotação de Limitação ou Ônus
Notificação referente à anotação de limitação ou ônus conforme indicado no complemento

70 Publicação Anulada
Anulada a publicação de qualquer um dos itens anteriores por ter sido indevida.

71 Despacho Anulado
Anulado o despacho de qualquer um dos itens anteriores, por ter sido indevido.

72 Decisão Anulada
Anulação da decisão referente a qualquer um dos itens anteriores por ter sido indevida.

73 Retificação
Retificação da publicação de qualquer um dos itens anteriores por ter sido efetuada com incorreção. Tal publicação não implica na alteração da data da decisão ou despacho e nos prazos decorrentes da mesma.

74 Republicação
Republicação da publicação de qualquer um dos itens anteriores por ter sido indevida.

Códigos para Identificação de Dados Bibliográficos (INID)

(11) Número do Registro

(15) Data do Registro/Data da Prorrogação

(21) Número do Pedido

(22) Data do Depósito

(30) Dados da Prioridade Unionista (data, país e número)

(43) Data de Publicação do Desenho Industrial (antes de ser examinado)

(44) Data de Publicação do Desenho Industrial (depois de examinado, mas antes da concessão do registro)

(45) Data de Publicação do Desenho Industrial (após concessão)

(52) Classificação Nacional

(54) Título

(71) Nome do Depositante

(72) Nome do Autor

(73) Nome do Titular

(74) Nome do Procurador

(78) Nome do Novo Titular no caso de Mudança de Titular

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(11) **DI 6701266-3** **40**
(15) 06/11/2007
(73) DAGMAR LUISE MOHRBACH (BR/RS)
(74) MARI LOURDES MACHADO GUERRA
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 6800057-0** **40**
(15) 22/07/2008
(73) Zeit Comércio e Montagem de Equipamentos Eletrônicos Ltda (BR/PR) , Zeit Comércio e Montagem de Equipamentos Eletrônicos Ltda (BR/PR)
(74) SENIOR'S MARCAS E PATENTES LTDA
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 6801607-7** **40**
(15) 30/09/2008
(73) SAFIRA INDUSTRIA E COMÉRCIO LTDA - ME (BR/PR)
(74) FERNANDO JOSÉ CARVALHO
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 6801614-0** **40**
(15) 30/09/2008
(73) SAFIRA INDÚSTRIA E COMÉRCIO LTDA - ME (BR/PR)
(74) FERNANDO JOSÉ CARVALHO
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 6801616-6** **40**
(15) 11/11/2008
(73) SAFIRA INDÚSTRIA E COMÉRCIO LTDA - ME (BR/PR)
(74) FERNANDO JOSÉ CARVALHO
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 6801622-0** **40**
(15) 30/09/2008
(73) SAFIRA INDUSTRIA E COMÉRCIO LTDA - ME (BR/PR)
(74) FERNANDO JOSÉ CARVALHO
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 7005462-2** **40**
(15) 05/07/2011
(73) Agilize Industria e Comercio de Materiais Plasticos Ltda Me (BR/SC)
(74) Vilage Marcas & Patentes S/S Ltda
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 7100726-1** **40**
(15) 06/09/2011
(73) Extramold Jomo Indústria de Plásticos Ltda (BR/RS)
(74) Mari Lourdes Machado Guerra
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 7100950-7** **40**
(15) 25/10/2011
(73) DURATEX S.A. (BR/SP)
(74) ANTONIO MAURICIO PEDRAS ARNAUD
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

(11) **DI 7101778-0** **40**
(15) 29/11/2011
(73) ELC Produtos de Segurança Indústria e Comércio Ltda (BR/RJ)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Não foram identificadas anterioridades. O registro atende ao art. 95 da LPI.

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(11) **DI 5201166-6** **46**
(22) 24/11/1992
(15) 10/06/1997
(45) 10/06/1997
(54) ELEMENTO PARA UM CONJUNTO DE CONSTRUÇÃO DE BRINQUEDO
(73) LEGO A/S (DK)
(72) Erik Bach
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 25/11/2002 a 24/11/2007 (3º Período).

(11) **DI 5400598-1** **46**
(22) 25/04/1994
(15) 11/03/2003
(45) 11/03/2003
(51) 09-07.B 0397, 09-07.B 0393
(54) CONFIGURAÇÃO APLICADA EM CONTINENTE
(73) Doormann S.A. Embalagens Plásticas (BR/RS)
(72) Vera Luiza Kesterke
(74) Custódio de Almeida & CIA
Prorrogado de 26/04/2004 a 25/04/2009 (3º Período).

(11) **DI 5802189-2** **46**
(22) 25/11/1998
(15) 16/11/1999
(45) 16/11/1999
(54) Padrão ornamental aplicado em jarra
(73) Companhia Industrial São Paulo e Rio - CISPER (BR/SP)
(72) Dimas Puga Nazari Júnior
(74) Vieira de Mello, Werneck Alves-Advogados S/C
Prorrogado de 26/11/2008 a 25/11/2013 (3º Período).

(11) **DI 5802191-4** **46**
(22) 24/11/1998
(15) 16/11/1999
(45) 16/11/1999
(54) Padrão ornamental aplicado em copo.
(73) Companhia Industrial São Paulo e Rio - CISPER (BR/SP)
(72) Dimas Puga Nazari Júnior
(74) Vieira de Mello, Werneck Alves-Advogados S/C
Prorrogado de 25/11/2008 a 24/11/2013 (3º Período).

(11) **DI 5802219-8** **46**
(22) 24/11/1998
(15) 01/02/2000
(45) 01/02/2000
(54) Padrão ornamental aplicado em copo.
(73) Companhia Industrial São Paulo e Rio - CISPER (BR/SP)
(72) Dimas Puga Nazari Júnior
(74) Vieira de Mello Advogados
Prorrogado de 25/11/2008 a 24/11/2013 (3º Período).

(11) **DI 5900059-7** **46**
(22) 15/01/1999
(15) 08/02/2000
(45) 08/02/2000
(54) Aspersor com gatilho.
(73) Calmar Inc. (US)
(72) Ronald Wadsworth, William L. Driskell
(74) Waldemar do Nascimento
Prorrogado de 16/01/2009 a 15/01/2014 (3º Período).

(11) **DI 5900436-3** **46**
(22) 18/05/1999
(15) 26/10/1999
(45) 26/10/1999
(54) Lixadeira manual
(73) Adalberto Purper (BR/RS)
(72) Adalberto Purper
(74) Ruiz Assessoria Empresarial LTDA
Prorrogado de 19/05/2009 a 18/05/2014 (3º Período).

(11) **DI 5900484-3** **46**
(22) 22/02/1999
(15) 26/10/1999
(45) 26/10/1999
(54) Frasco.
(73) S.C. Johnson & Son, Inc (US)
(72) Amelia H. Majerowski, Randal P. Bell, William A. Lee, James Hand
Prorrogado de 23/02/2009 a 22/02/2014 (3º Período).

(11) **DI 5900611-0** **46**
(22) 17/03/1999
(15) 26/10/1999
(45) 26/10/1999
(54) RECIPIENTE
(73) Colgate -Palmolive Company (US)
(72) Yves Guislain
(74) Momsen, Leonardos & CIA.
Prorrogado de 18/03/2009 a 17/03/2014 (3º Período).

(11) **DI 5900651-0** **46**
(22) 11/03/1999
(15) 13/06/2000
(45) 13/06/2000
(54) CABEÇA COM CERDAS PARA UMA ESCOVA DE DENTES
(73) Johnson & Jonhson (US)
(72) Michael Percival William Harris, Alan G. Trojanowski
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 12/03/2009 a 11/03/2014 (3º Período).

(11) **DI 5900677-3** **46**
(22) 11/03/1999
(15) 09/11/1999
(45) 09/11/1999
(54) ESPELHO PARA COBERTURA DE TOMADAS E CHAVES ELÉTRICAS
(73) VIMAR S.p.A (IT)
(72) Matteo Thun
(74) ADVOCACIA PIETRO ARIBONI S/C
Prorrogado de 12/03/2009 a 11/03/2014 (3º Período).

(11) **DI 5900698-6** **46**
(22) 18/03/1999
(15) 22/08/2000
(45) 22/08/2000
(54) ACENDEDOR UTILITÁRIO
(73) Bic Corporation (US)
(72) Jean François Chevalier

(74) Momsen, Leonardos & CIA.
Prorrogado de 19/03/2009 a 18/03/2014 (3º Período).

(11) **DI 5900757-5** **46**
(22) 20/04/1999
(15) 30/11/1999
(45) 30/11/1999
(54) Configuracão aplicada à triciclo infantil
(73) Ricardo Sawaya (BR)
(72) Ricardo Sawaya
(74) Britania Marcas E Patentes S/c Ltda
Prorrogado de 21/04/2009 a 20/04/2014 (3º Período).

(11) **DI 5900777-0** **46**
(22) 17/03/1999
(15) 30/11/1999
(45) 30/11/1999
(54) RECIPIENTE
(73) Colgate-Palmolive Company (US)
(72) Yves Guislain
(74) Momsen, Leonardos & CIA.
Prorrogado de 18/03/2009 a 17/03/2014 (3º Período).

(11) **DI 5900847-4** **46**
(22) 12/05/1999
(15) 07/05/2002
(45) 07/05/2002
(51) 23-01.R 0243, 23-01.R 0239
(54) CONFIGURAÇÃO APLICADA EM CONJUNTO DE VOLANTE, MISTURADORES E TORNEIRAS
(73) Duratex S/A (BR/SP)
(72) Claudio Teixeira Lima
(74) Antonio Mauricio Pedras Arnaud
Prorrogado de 13/05/2009 a 12/05/2014 (3º Período).

(11) **DI 5900848-2** **46**
(22) 11/05/1999
(15) 07/11/2000
(45) 07/11/2000
(54) CONFIGURAÇÃO APLICADA EM QUEIJEIRA
(73) Plasutil Industria e Comércio de Plásticos Ltda (BR/SP)
(72) Marco Antonio Pereira da Silva
(74) Cidwan Uberlândia S/C Ltda.
Prorrogado de 12/05/2009 a 11/05/2014 (3º Período).

(11) **DI 5900953-5** **46**
(22) 10/05/1999
(15) 16/11/1999
(45) 16/11/1999
(54) FERRO DE PASSAR A VAPOR COM PULVERIZADOR
(73) Koninklijke Philips Electronics N. V. (NL)
(72) Paul Georges Arnold Karel Bas
Prorrogado de 11/05/2009 a 10/05/2014 (3º Período).

(11) **DI 5901025-8** **46**
(22) 25/05/1999
(15) 23/11/1999
(45) 23/11/1999
(54) CONFIGURAÇÃO APLICADA EM MESA PARA PASSAR ROUPAS
(73) Ivanor Scotton (BR/RS) , Clainor Luiz Scotton (BR/RS) , Sirlei Lorenzi (BR/RJ)
(72) Ivanor Scotton, Clainor Luiz Scotton, Sirlei Lorenzi
(74) Pap Cons. em Marcas e Patentes Ltda S/C
Prorrogado de 26/05/2009 a 25/05/2014 (3º Período).

(11) **DI 5901119-0** **46**
(22) 23/06/1999
(15) 08/08/2000
(45) 08/08/2000
(54) RECIPIENTE PASSÍVEL DE FECHAMENTO PARA BEBIDA
(73) Mam Babyartikel Gesellschaft M.B.H. (AT)
(72) Peter Roehrig
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 24/06/2009 a 23/06/2014 (3º Período).

(11) **DI 5901194-7** **46**
(22) 09/07/1999
(15) 21/12/1999
(45) 21/12/1999
(54) CONFIGURAÇÃO APLICADA EM APARELHO ELÉTRICO EXTRATOR DE SUCOS CÍTRICOS
(73) Koninklijke Philips Electronics N.V. (NL)
(72) Donald Thackray
Prorrogado de 10/07/2009 a 09/07/2014 (3º Período).

(11) **DI 5901289-7** **46**
(22) 01/06/1999
(15) 08/08/2000
(45) 08/08/2000
(54) ASPIRADOR DE PÓ
(73) Shop VAC Corporation (US)
(72) John Griffin, Kevin Fry, Li H. Liu
(74) Momsen, Leonardos & CIA.
Prorrogado de 02/06/2009 a 01/06/2014 (3º Período).

(11) **DI 5901347-8** **46**
(22) 21/05/1999
(15) 27/08/2002
(45) 27/08/2002
(51) 01-01.B 0353
(54) CONFIGURAÇÃO APLICADA EM PALITO PARA CONFEITO
(73) Unilever N.V. (NL)
(72) Daniel Poirot Sancho
(74) Lucas Martins Gaiarsa
Prorrogado de 22/05/2009 a 21/05/2014 (3º Período).

(11) **DI 5902346-5** **46**
(22) 09/11/1999
(15) 05/06/2001
(45) 05/06/2001
(51) 15-07.P 0678
(54) CONFIGURAÇÃO APLICADA EM PORTA PARA REFRIGERADOR
(73) The Coca-Cola Company (US)
(72) James R. Bardin, Jason E. Allen, Daniel P. Goodman, Shaun B. Gatipon, Jeffrey C. Yaschur
(74) Momsen, Leonardos & CIA.
Prorrogado de 10/11/2009 a 09/11/2014 (3º Período).

(11) **DI 6000999-3** **46**
(22) 24/04/2000
(15) 26/09/2000
(45) 26/09/2000
(54) CONFIGURAÇÃO ORNAMENTAL APLICADA À EMBALAGEM
(73) Alexandre Bragagnolo (BR/RS)
(72) Alexandre Bragagnolo
(74) Promark Marcas & Patentes LTDA
Prorrogado de 25/04/2010 a 24/04/2015 (3º Período).

(11) **DI 6001004-5** **46**
(22) 25/04/2000
(15) 12/06/2001
(45) 12/06/2001
(51) 09-01.T 0274
(54) CONFIGURAÇÃO APLICADA EM RECIPIENTE
(73) CERA INGLEZA INDÚSTRIA E COMÉRCIO LTDA (BR/MG)
(72) Denise Chaves Novais
(74) MinasMarca & Patente S/C Ltda
Prorrogado de 26/04/2010 a 25/04/2015 (3º Período).

(11) **DI 6001386-9** **46**
(22) 08/06/2000
(15) 22/05/2001
(45) 22/05/2001
(51) 09-01.T 0274
(54) CONFIGURAÇÃO APLICADA EM FRASCO
(73) Mercedes Dios (BR/SP)
(72) Mercedes Dios
(74) Mercosul Assessoria e Consultoria Empresarial para América do Sul S/C Ltda.
Prorrogado de 09/06/2010 a 08/06/2015 (3º Período).

(11) **DI 6002003-2** **46**
(22) 11/04/2000
(15) 19/02/2002
(45) 19/02/2002
(51) 05-05.E 0299
(54) PADRÃO ORNAMENTAL DE RELEVO APLICADO EM TECIDO
(73) Kimberly-Clark Worldwide, Inc (US)
(72) Sandra Ann Enderby, Wendy Ann Jahner, Richard Joseph Behm, Russell Mills
(74) Clarke Modet do Brasil Ltda
Prorrogado de 12/04/2010 a 11/04/2015 (3º Período).

(11) **DI 6002087-3** **46**
(22) 15/08/2000
(15) 27/03/2001
(45) 27/03/2001
(51) 04-02.B 0521
(54) CABO PARA ESCOVA DE DENTES
(73) Smithkline Beecham GMBH & CO. KG (DE)
(72) Yvonne Weisbarth
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 16/08/2010 a 15/08/2015 (3º Período).

(11) **DI 6002088-1** **46**
(22) 15/08/2000
(15) 27/03/2001
(45) 27/03/2001
(51) 04-02.B 0521
(54) CABO PARA ESCOVA DE DENTES
(73) Smithkline Beecham GMBH & CO. KG (DE)
(72) Yvonne Weisbarth
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 16/08/2010 a 15/08/2015 (3º Período).

(11) **DI 6002278-7** **46**
(22) 09/08/2000
(15) 05/06/2001
(45) 05/06/2001
(51) 09-05.E 0121
(54) CONFIGURAÇÃO APLICADA EM EMBALAGEM
(73) The Procter & Gamble Company (US)
(72) Jennifer Claire Morton, James Richard Burfiend, Neil Anthony Litten, Andrea Helen Potter
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 10/08/2010 a 09/08/2015 (3º Período).

(11) **DI 6002355-4** **46**
(22) 04/09/2000
(15) 12/06/2001
(45) 12/06/2001
(51) 12-08.C 0179
(54) CONJUNTO DE PEÇAS PARA CARROCERIA DE VEÍCULO
(73) Fiat Auto S.p.A (IT)
(72) Flavio Menichini
(74) Marco Antonio Saltini
Prorrogado de 05/09/2010 a 04/09/2015 (3º Período).

(11) **DI 6100112-0** **46**
(22) 11/01/2001
(15) 02/01/2002
(45) 02/01/2002
(51) 07-06.D 0185, 09-01.J 0017
(54) RECIPIENTES
(73) The Procter & Gamble Company (US)
(72) Michael Dean Mccutchan
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 12/01/2011 a 11/01/2016 (3º Período).

(11) **DI 6100656-4** **46**
(22) 03/04/2001
(15) 08/01/2002
(45) 08/01/2002
(51) 05-06.R 0283
(54) CONFIGURAÇÃO APLICADA EM PAPEL
(73) The Procter & Gamble Company (US)
(72) Gregory William Duritsch, Kevin Mitchell Wiwi, Ward William Ostendorf
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 04/04/2011 a 03/04/2016 (3º Período).

(11) **DI 6100657-2** **46**
(22) 03/04/2001
(15) 10/07/2001
(45) 10/07/2001
(51) 12-15.S 0157
(54) CONFIGURAÇÃO APLICADA À BANDA DE RODAGEM
(73) Bridgestone / Firestone, Inc (US)
(72) Andrea Fantanzo, Brian J. Queiser, Graig E. Kneidel
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 04/04/2011 a 03/04/2016 (3º Período).

(11) **DI 6100810-9** **46**
(22) 10/04/2001
(15) 24/07/2001
(45) 24/07/2001
(51) 03-01.B 0095
(54) CONFIGURAÇÃO APLICADA EM ALÇA DE BAGAGEM
(73) Samsonite IP Holdings S.à.r.l. (LU) , Samsonite IP Holdings S.à.r.l. (LU)
(72) William L. King
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 11/04/2011 a 10/04/2016 (3º Período).

(11) **DI 6100858-3** **46**
(22) 11/04/2001
(15) 18/09/2001
(45) 18/09/2001
(51) 08-08.T 0110, 08-99.E 0304, 08-06.P 0533
(54) DISPOSITIVO DE ÂNCORA PARA UMA TIRA DE SUPORTE DE BAGAGEM
(73) Samsonite IP Holdings S.à.r.l. (LU) , Samsonite IP Holdings S.à.r.l. (LU)

(72) William L. King
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 12/04/2011 a 11/04/2016 (3º Período).

(11) **DI 6100859-1** **46**
(22) 11/04/2001
(15) 26/03/2002
(45) 26/03/2002
(51) 03-01.S 0034, 03-01.V 0011
(54) CONFIGURAÇÃO APLICADA A BOLSO PARA MALA
(73) Samsonite IP Holdings S.à.r.l. (LU) , Samsonite IP Holdings S.à.r.l. (LU)
(72) William L. King
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 12/04/2011 a 11/04/2016 (3º Período).

(11) **DI 6100863-0** **46**
(22) 12/04/2001
(15) 17/07/2001
(45) 17/07/2001
(51) 23-04.P 0839
(54) CONFIGURAÇÃO APLICADA EM ELEMENTO DE FILTRO DE AR TENDO UM ELEMENTO DE TAMPA FIXADO NO MESMO
(73) Donaldson Company, Inc (US)
(72) Jerry John Klug, William Michael Nyman, Bruce Allen Boehrs
Prorrogado de 13/04/2011 a 12/04/2016 (3º Período).

(11) **DI 6101473-7** **46**
(22) 12/07/2001
(15) 02/04/2002
(45) 02/04/2002
(51) 12-15.P 0499, 12-15.S 0157
(54) CONFIGURAÇÃO APLICADA À FAIXA LATERAL DE PNEU
(73) BRIDGESTONE / FIRESTONE, INC. (US)
(72) James G. Guspodin, David M. Reep
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Prorrogado de 13/07/2011 a 12/07/2016 (3º Período).

(11) **DI 6300211-6** **46**
(22) 23/01/2003
(15) 26/08/2003
(45) 26/08/2003
(51) 14-02.C 0224
(54) CONFIGURAÇÃO APLICADA EM CARTUCHO DE TINTA PARA IMPRESSORAS
(73) BROTHER INDUSTRIES, LTD (JP)
(72) TOYONORI SASAKI, MITSUHARU HATTORI, TOSHIYA INADA, MAKOTO YAMADA
(74) Daniel Rejman
Prorrogado de 24/01/2013 a 23/01/2018 (3º Período).

(11) **DI 6300212-4** **46**
(22) 23/01/2003
(15) 26/08/2003
(45) 26/08/2003
(51) 14-02.C 0224
(54) CONFIGURAÇÃO APLICADA EM CARTUCHO DE TINTA PARA IMPRESSORAS
(73) BROTHER INDUSTRIES, LTD (JP)
(72) TOYONORI SASAKI, MITSUHARU HATTORI, TOSHIYA INADA, MAKOTO YAMADA
(74) Daniel Rejman
Prorrogado de 24/01/2013 a 23/01/2018 (3º Período).

(11) **DI 6300214-0** **46**
(22) 23/01/2003
(15) 26/08/2003
(45) 26/08/2003
(51) 14-02.C 0224
(54) CONFIGURAÇÃO APLICADA EM CARTUCHO DE TINTA PARA IMPRESSORAS
(73) BROTHER INDUSTRIES, LTD (JP)
(72) TOYONORI SASAKI, MITSUHARU HATTORI
(74) Daniel Rejman
Prorrogado de 24/01/2013 a 23/01/2018 (3º Período).

(11) **DI 6300215-9** **46**
(22) 23/01/2003
(15) 26/08/2003
(45) 26/08/2003
(51) 14-02.C 0224
(54) CONFIGURAÇÃO APLICADA EM CARTUCHO DE TINTA PARA IMPRESSORAS
(73) BROTHER INDUSTRIES, LTD (JP)
(72) TOYONORI SASAKI, MITSUHARU HATTORI, TOSHIYA INADA, MAKOTO YAMADA
(74) Daniel Rejman
Prorrogado de 24/01/2013 a 23/01/2018 (3º Período).

(11) **DI 6300216-7** **46**
(22) 23/01/2003
(15) 26/08/2003
(45) 26/08/2003
(51) 14-02.C 0224
(54) CONFIGURAÇÃO APLICADA EM CARTUCHO DE TINTA PARA IMPRESSORAS
(73) BROTHER INDUSTRIES, LTD (JP)
(72) TOYONORI SASAKI, MITSUHARU HATTORI
(74) Daniel Rejman
Prorrogado de 24/01/2013 a 23/01/2018 (3º Período).

(11) **DI 6300281-7** **46**
(22) 23/01/2003
(15) 26/08/2003
(45) 26/08/2003
(51) 14-02.C 0224
(54) CONFIGURAÇÃO APLICADA EM CARTUCHO DE TINTA PARA IMPRESSORAS
(73) BROTHER INDUSTRIES, LTD (JP)
(72) TOYONORI SASAKI, MITSUHARU HATTORI
(74) Daniel Rejman
Prorrogado de 24/01/2013 a 23/01/2018 (3º Período).

(11) **DI 6303979-6** **46**
(22) 03/11/2003
(15) 17/02/2004
(45) 17/02/2004
(51) 09-01.J 0017, 09-01.T 0274
(54) CONFIGURAÇÃO APLICADA EM POTE
(73) BONYPLUS INDÚSTRIA E COMÉRCIO DE COSMÉTICOS LTDA (BR/PR)
(72) MARCOS VIEIRA DE ALBUQUERQUE
(74) Brasil Sul Marcas e Patentes S/C LTDA
Prorrogado de 04/11/2013 a 03/11/2018 (3º Período).

(11) **DI 6304000-0** **46**
(22) 29/10/2003
(15) 11/05/2004
(45) 11/05/2004
(51) 09-05.E 0121, 09-03.C 0218
(54) "CONFIGURAÇÃO APLICADA A EMBALAGEM"
(73) SEMEATO S/A INDÚSTRIA E COMÉRCIO (BR/RS)
(72) ROBERTO OTAVIANO ROSSATO
(74) Agência Gaúcha de Marcas e Patentes LTDA
Prorrogado de 30/10/2013 a 29/10/2018 (3º Período).

(11) **DI 6304027-1** **46**
(22) 03/11/2003
(15) 25/02/2004
(45) 25/02/2004
(51) 09-01.T 0274, 09-01.J 0017
(54) CONFIGURAÇÃO APLICADA EM POTE
(73) BONYPLUS INDÚSTRIA E COMÉRCIO DE COSMÉTICOS LTDA (BR/PR)
(72) MARCOS VIEIRA DE ALBUQUERQUE
(74) Brasil Sul Marcas e Patentes S/C Ltda
Prorrogado de 04/11/2013 a 03/11/2018 (3º Período).

(11) **DI 6304051-4** **46**
(22) 03/11/2003
(15) 25/02/2004
(45) 25/02/2004
(51) 09-01.T 0274, 09-01.J 0017
(54) CONFIGURAÇÃO APLICADA EM POTE
(73) BONYPLUS INDÚSTRIA E COMÉRCIO DE COSMÉTICOS LTDA (BR/PR)
(72) MARCOS VIEIRA DE ALBURQUERQUE
(74) Brasil Sul Marcas e Patentes S/C Ltda
Prorrogado de 04/11/2013 a 03/11/2018 (3º Período).

(11) **DI 6304124-3** **46**
(22) 14/11/2003
(15) 06/04/2004
(45) 06/04/2004
(51) 13-03.I 0082
(54) ISOLADOR
(73) MULTI-PEC-PRODUTOS E SERVIÇOS LTDA (BR/SP)
(72) ALBERTO DURAN CABRERA
(74) Vilage Marcas & Patentes S/C Ltda
Prorrogado de 15/11/2013 a 14/11/2018 (3º Período).

(11) **DI 6304162-6** **46**
(22) 14/11/2003
(15) 13/04/2004
(45) 13/04/2004
(51) 13-03.I 0082
(54) MANOPLA
(73) MULTI-PEC-PRODUTOS E SERVIÇOS LTDA (BR/SP)
(72) ALBERTO DURAN CABRERA
(74) Vilage Marcas & Patentes S/C Ltda
Prorrogado de 15/11/2013 a 14/11/2018 (3º Período).

(11) **DI 6304178-2** **46**
(22) 12/11/2003
(15) 02/03/2004
(45) 02/03/2004
(51) 08-09.F 0053
(54) CONFIGURAÇÃO APLICADA EM CONTRA FECHO PARA JANELAS DE CORRER EM ESQUADRIAS DE ALUMÍNIO
(73) GERALDO FORNASA (BR/SC)
(72) GERALDO FORNASA
(74) Marcos Aurélio de Jesus
Prorrogado de 13/11/2013 a 12/11/2018 (3º Período).

(11) **DI 6304213-4** **46**
(22) 10/11/2003
(15) 25/02/2004
(45) 25/02/2004
(51) 23-01.F 0204
(54) CONFIGURAÇÃO APLICADA EM CONJUNTO DE SUPORTE E RESERVATÓRIO PARA ÁGUA
(73) JOSÉ ANTÔNIO FREIRIA DE OLIVEIRA (BR/PR) , JOSÉ GERALDO ALVES (BR/PR) , PURIFIC DO BRASIL LTDA (BR/PR)
(72) JONATAS JUSTUS, JOSÉ ANTÔNIO FREIRIA DE OLIVEIRA, JOSÉ GERALDO ALVES
(74) Marpa Cons. e Asses. Empresarial Ltda
Prorrogado de 11/11/2013 a 10/11/2018 (3º Período).

(11) **DI 6304273-8** **46**
(22) 11/12/2003
(15) 11/05/2004
(45) 11/05/2004
(51) 14-03.T 0136
(54) CONFIGURAÇÃO APLICADA A UM APARELHO CELULAR
(73) NOKIA CORPORATION (FI)
(72) JUNICHI KAGAMI, TODD WOOD, PARESH DESAI, ROBERT SHEPHERD
(74) Araripe & Associados
Prorrogado de 12/12/2013 a 11/12/2018 (3º Período).

(11) **DI 6304302-5** **46**
(22) 12/12/2003
(15) 09/03/2004
(45) 09/03/2004
(51) 12-11.P 0615
(54) CONFIGURAÇÃO APLICADA A BAGAGEIRO
(73) THULE GMBH & Co. KG (DE)
(72) FRANK KLEIN
(74) Bhering Advogados
Prorrogado de 13/12/2013 a 12/12/2018 (3º Período).

(11) **DI 6304303-3** **46**
(22) 12/12/2003
(15) 09/03/2004
(45) 09/03/2004
(51) 12-11.P 0615
(54) CONFIGURAÇÃO APLICADA A BAGAGEIRO
(73) THULE GMBH & Co. KG (DE)
(72) FRANK KLEIN
(74) Bhering Advogados
Prorrogado de 13/12/2013 a 12/12/2018 (3º Período).

(11) **DI 6304384-0** **46**
(22) 19/11/2003
(15) 25/05/2004
(45) 25/05/2004
(51) 28-03.R 0071
(54) BARBEADOR ELÉTRICO COM DISPENSADOR INTEGRADO PARA EMULSÃO
(73) KONINKLIJKE PHILIPS ELECTRONICS N. V (NL)
(72) BART JOHANNES MASSEE
(74) Nellie Anne Daniel Shores
Prorrogado de 20/11/2013 a 19/11/2018 (3º Período).

(11) **DI 6304456-0** **46**
(22) 19/11/2003
(15) 27/04/2004
(45) 27/04/2004
(51) 28-03.R 0071
(54) BARBEADOR ELÉTRICO COM DISPENSADOR INTEGRADO PARA EMULSÃO
(73) KONINKLIJKE PHILIPS ELECTRONICS N.V (NL)
(72) BART JOHANNES MASSEE
(74) Nellie Anne Daniel Shores
Prorrogado de 20/11/2013 a 19/11/2018 (3º Período).

(11) **DI 6304464-1** **46**
(22) 20/11/2003
(15) 27/04/2004
(45) 27/04/2004
(51) 08-08.T 0110
(54) CONFIGURAÇÃO APLICADA EM SUPORTE PARA CAMBAGEM AUTOMOTIVA
(73) ROGÉRIO SIMÕES (BR/PR)
(72) ROGÉRIO SIMÕES

(74) Marcos Aurélio de Jesus
Prorrogado de 21/11/2013 a 20/11/2018 (3º Período).

(11) **DI 6304467-6** **46**
(22) 18/11/2003
(15) 27/04/2004
(45) 27/04/2004
(51) 09-01.T 0274
(54) CONFIGURAÇÃO APLICADA EM FRASCO
(73) REALGEM'S DO BRASIL INDÚSTRIA DE COSMÉTICOS LTDA (BR/PR)
(72) MARÍLIA LANZONI DE OLIVEIRA
(74) Brasil Sul Marcas e Patentes S/C Ltda
Prorrogado de 19/11/2013 a 18/11/2018 (3º Período).

(11) **DI 6304680-6** **46**
(22) 21/11/2003
(15) 19/10/2004
(45) 19/10/2004
(51) 23-02.B 0263
(54) "CONFIGURAÇÃO APLICADA A DISPOSITIVO PARA LIMPEZA SANITÁRIA"
(73) Reckitt Benckiser LLC (US)
(72) LAMSON NYGUYEN, ANDREW COURTNEY
(74) DI BLASI, PARENTE & ASSOCIADOS PROPRIEDADE INDUSTRIAL LTDA
Prorrogado de 22/11/2013 a 21/11/2018 (3º Período).

(11) **DI 6304752-7** **46**
(22) 25/11/2003
(15) 20/04/2004
(45) 20/04/2004
(51) 02-04.S 0160
(54) CONFIGURAÇÃO APLICADA EM REFORÇO DE PALMILHA DE MONTAGEM
(73) JOÃO CARLOS DA SILVA (BR/RS) , GIRNEI ANTÔNIO ERMEL (BR/RS) , JAIRO MACHADO CARVALHO (BR/RS)
(72) JOÃO CARLOS DA SILVA, GIRNEI ANTÔNIO ERMEL, JAIRO MACHADO CARVALHO
(74) Custódio de Almeida & Cia.
Prorrogado de 26/11/2013 a 25/11/2018 (3º Período).

(11) **DI 6304784-5** **46**
(22) 19/12/2003
(15) 13/07/2004
(45) 13/07/2004
(51) 02-04.C 0445
(54) CONFIGURAÇÃO APLICADA A CALÇADO
(73) NIKE INTERNATIONAL, LTD (US)
(72) Jean-Francois Fullum
(74) Di Blasi, Parente, S. G. & Associados
Prorrogado de 20/12/2013 a 19/12/2018 (3º Período).

(11) **DI 6304787-0** **46**
(22) 15/12/2003
(15) 20/04/2004
(45) 20/04/2004
(51) 23-01.R 0243
(54) CONFIGURAÇÃO APLICADA EM CONJUNTO DE BICA MISTURADORA
(73) DURATEX S.A (BR/SP)
(72) MAURO APARECIDO DE SOUZA
(74) Antonio Mauricio Pedras Arnaud
Prorrogado de 16/12/2013 a 15/12/2018 (3º Período).

(11) **DI 6304789-6** **46**
(22) 15/12/2003
(15) 20/04/2004
(45) 20/04/2004
(51) 23-01.B 0294, 23-01.R 0243
(54) CONFIGURAÇÃO APLICADA EM CONJUNTO DE BICA MISTURADORA, REGISTROS E VOLANTES
(73) DURATEX S.A (BR/SP)
(72) LUIZ MOQUIUTI MORALES
(74) Antonio Mauricio Pedras Arnaud
Prorrogado de 16/12/2013 a 15/12/2018 (3º Período).

(11) **DI 6304815-9** **46**
(22) 21/11/2003
(15) 26/10/2004
(45) 26/10/2004
(51) 23-02.S 0414
(54) "CONFIGURAÇÃO APLICADA A DISPOSITIVO PARA LIMPEZA SANITÁRIA"
(73) Reckitt Benckiser LLC (US)
(72) LAMSON NYGUYEN, ANDREW COURTNEY
(74) DI BLASI, PARENTE & ASSOCIADOS PROPRIEDADE INDUSTRIAL LTDA
Prorrogado de 22/11/2013 a 21/11/2018 (3º Período).

(11) **DI 6304975-9** **46**
(22) 20/11/2003
(15) 10/08/2004
(45) 10/08/2004
(51) 08-05.D 0059, 08-05.L 0125
(54) CONFIGURAÇÃO APLICADA EM ALAVANCA PARA CAMBAGEM AUTOMOTIVA
(73) ROGÉRIO SIMÕES (BR/PR)
(72) ROGÉRIO SIMÕES
(74) Marcos Aurélio de Jesus
Prorrogado de 21/11/2013 a 20/11/2018 (3º Período).

(11) **DI 6401107-0** **46**
(22) 12/04/2004
(15) 22/06/2004
(45) 22/06/2004
(51) 28-02.T 0407, 03-01.N 0026
(54) CONFIGURAÇÃO APLICADA A ESTOJO ACONDICIONADOR DE COSMÉTICO FACIAL
(73) BOTICA COMERCIAL FARMACÊUTICA LTDA (BR/PR)
(72) MIGUEL GELLERT KRIGSNER
(74) Fabiana de Freitas
Prorrogado de 13/04/2014 a 12/04/2019 (3º Período).

(11) **DI 6401185-2** **46**
(22) 12/04/2004
(15) 08/06/2004
(45) 08/06/2004
(51) 28-02.T 0407
(54) CONFIGURAÇÃO APLICADA A ESTOJO ACONDICONADOR DE BATOM
(73) BOTICA COMERCIAL FARMACÊUTICA LTDA (BR/PR)
(72) MIGUEL GELLERT KRIGSNER
(74) Fabiana de Freitas
Prorrogado de 13/04/2014 a 12/04/2019 (3º Período).

(11) **DI 6403008-3** **46**
(22) 25/08/2004
(15) 03/11/2004
(45) 03/11/2004
(51) 25-01.C 0759
(54) "CONFIGURAÇÃO ORNAMENTAL APLICADA EM MANTA POLIMÉRICA ISOLANTE"
(73) GERVÁSIO PEGADO (BR/CE)
(72) GERVÁSIO PEGADO, GERVÁSIO BRAGA PEGADO FILHO, IELTON BARRETO DE OLIVEIRA
(74) Wettor Bureau de Apoio Emp. S/C LTDA
Prorrogado de 26/08/2014 a 25/08/2019 (3º Período).

(11) **DI 6403009-1** **46**
(22) 25/08/2004
(15) 03/11/2004
(45) 03/11/2004
(51) 21-02.P 0026, 21-01.J 0051, 99-00.B 0115
(54) "CONFIGURAÇÃO ORNAMENTAL APLICADA EM FLUTUADOR"
(73) GERVÁSIO PEGADO (BR/CE)
(72) GERVÁSIO PEGADO, GERVÁSIO BRAGA PEGADO FILHO, IELTON BARRETO DE OLIVEIRA
(74) Wettor Bureau de Apoio Emp. S/C LTDA
Prorrogado de 26/08/2014 a 25/08/2019 (3º Período).

(11) **DI 6403010-5** **46**
(22) 25/08/2004
(15) 03/11/2004
(45) 03/11/2004
(51) 21-01.J 0051, 21-02.P 0026, 99-00.B 0115
(54) "CONFIGURAÇÃO ORNAMENTAL APLICADA EM FLUTUADOR"
(73) GERVÁSIO PEGADO (BR/CE)
(72) GERVÁSIO PEGADO, GERVÁSIO BRAGA PEGADO FILHO, IELTON BARRETO DE OLIVEIRA
(74) Wettor - Bureau de Apoio Emp. S/C Ltda
Prorrogado de 26/08/2014 a 25/08/2019 (3º Período).

(11) **DI 6403448-8** **46**
(22) 16/09/2004
(15) 14/12/2004
(45) 14/12/2004
(51) 09-03.E 0125
(54) "CONFIGURAÇÃO APLICADA EM EMBALAGEM"
(73) DOCILE ALIMENTOS LTDA (BR/RS)
(72) RICARDO LUIS HEINECK
(74) Renato Hahn
Prorrogado de 17/09/2014 a 16/09/2019 (3º Período).

(11) **DI 6403453-4** **46**
(22) 27/09/2004
(15) 28/12/2004
(45) 28/12/2004
(51) 06-06.R 0286
(54) "CONFIGURAÇÃO APLICADA EM SEPARADOR DUPLO DE ESFERAS DE RODÍZIOS"
(73) CARLOS LITI BERTOLDI (BR/SC)
(72) CARLOS LITI BERTOLDI
(74) João Batista Forbici
Prorrogado de 28/09/2014 a 27/09/2019 (3º Período).

(11) **DI 6403486-0** **46**
(22) 10/09/2004
(15) 28/12/2004
(45) 28/12/2004
(51) 07-02.B 0105
(54) "CONFIGURAÇÃO APLICADA NO FRONTAL DA CHURRASQUEIRA"
(73) VINICIUS BRAGHIM FALDONI (BR/SP)
(72) VINICIUS BRAGHIM FALDONI
(74) FERRARO E FACCIOLI ADVS. ASSOCIADOS
Prorrogado de 11/09/2014 a 10/09/2019 (3º Período).

(11) **DI 6403793-2** **46**
(22) 22/10/2004
(15) 24/05/2005
(45) 24/05/2005
(51) 12-16.G 0046
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403828-9** **46**
(22) 22/10/2004
(15) 31/05/2005
(45) 31/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403829-7** **46**
(22) 22/10/2004
(15) 31/05/2005
(45) 31/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA.
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403830-0** **46**
(22) 22/10/2004
(15) 24/05/2005
(45) 24/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403831-9** **46**
(22) 22/10/2004
(15) 24/05/2005
(45) 24/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITAS METÁLICA.
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403860-2** **46**
(22) 22/10/2004
(15) 03/05/2005
(45) 03/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403866-1** **46**

(22) 22/10/2004
(15) 03/05/2005
(45) 03/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403868-8** **46**
(22) 22/10/2004
(15) 24/05/2005
(45) 24/05/2005
(51) 12-16.G 0046, 19-08.G 0154
(54) PADRÃO ORNAMENTAL APLICADO EM FITA METÁLICA
(73) José Gonçalves Tete (BR/SP)
(72) José Gonçalves Tete
(74) José Monteiro
Prorrogado de 23/10/2014 a 22/10/2019 (3º Período).

(11) **DI 6403889-0** **46**
(22) 29/10/2004
(15) 19/07/2005
(45) 19/07/2005
(51) 23-04.A 0315, 23-04.P 0839
(54) CONFIGURAÇÃO APLICADA EM EXAUSTOR DE AMBIENTE COM ANTEPARO CIRCULAR FRONTAL
(73) Marcelo Munhoz (BR/SP)
(72) Marcelo Munhoz
Prorrogado de 30/10/2014 a 29/10/2019 (3º Período).

(11) **DI 6404153-0** **46**
(22) 14/10/2004
(15) 01/02/2005
(45) 01/02/2005
(51) 08-09.M 0279, 25-01.C 0819
(54) CONFIGURAÇÃO APLICADA EM MONTANTE CENTRAL
(73) HYDRO ALUMÍNIO ACRO S/A (BR/SP)
(72) Jorge Luis Brazushi de Freitas
(74) Excel Marcas e Patentes S/C Ltda
Prorrogado de 15/10/2014 a 14/10/2019 (3º Período).

(11) **DI 6404157-3** **46**
(22) 01/10/2004
(15) 24/05/2005
(45) 24/05/2005
(51) 02-03.C 0243
(54) CONFIGURAÇÃO APLICADA EM CAPACETE
(73) GIVI s.r.l. (IT)
(72) VISENZI VINCENZO
(74) Ana Maria Freitas Gomes
Prorrogado de 02/10/2014 a 01/10/2019 (3º Período).

(11) **DI 6404158-1** **46**
(22) 01/10/2004
(15) 17/05/2005
(45) 17/05/2005
(51) 02-03.C 0243
(54) CONFIGURAÇÃO APLICADA EM CAPACETE
(73) GIVI s.r.l. (IT)
(72) VISENZI VINCENZO
(74) Ana Maria Freitas Gomes
Prorrogado de 02/10/2014 a 01/10/2019 (3º Período).

(11) **DI 6404162-0** **46**
(22) 01/10/2004
(15) 07/06/2005
(45) 07/06/2005
(51) 02-03.C 0243
(54) CONFIGURAÇÃO APLICADA EM CAPACETE
(73) GIVI. S.R.L. (IT)
(72) VISENZI VINCENZO
(74) Ana Maria Freitas Gomes
Prorrogado de 02/10/2014 a 01/10/2019 (3º Período).

(11) **DI 6404211-1** **46**
(22) 18/11/2004
(15) 24/05/2005
(45) 24/05/2005
(51) 12-08.A 0363
(54) CONFIGURAÇÃO APLICADA EM ÔNIBUS
(73) Expresso Caxiense SA (BR/RS)
(72) Mituo Marcos Itiroko
(74) Beerre Assessoria Empresarial Ltda
Prorrogado de 19/11/2014 a 18/11/2019 (3º Período).

(11) **DI 6404368-1** **46**
(22) 28/10/2004
(15) 05/04/2005
(45) 05/04/2005
(51) 25-01.C 0819, 08-09.M 0279
(54) CONFIGURAÇÃO APLICADA EM PERFIL.
(73) HYDRO ALUMÍNIO ACRO S/A (BR/SP)
(72) Luiz Carlos dos Santos, Cíntia Mara de Figueiredo, Rodrigo da Cruz Santos
(74) Excel Marcas e Patentes S/C Ltda
Prorrogado de 29/10/2014 a 28/10/2019 (3º Período).

(11) **DI 6404858-6** **46**
(22) 11/11/2004
(15) 22/11/2005
(45) 22/11/2005
(51) 12-08.A 0367
(54) CONFIGURAÇÃO APLICADA EM CARROCERIA DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404875-6** **46**
(22) 11/11/2004
(15) 07/06/2005
(45) 07/06/2005
(51) 12-16.P 0112
(54) CONFIGURAÇÃO APLICADA EM PÁRA-CHOQUE DIANTEIRO DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404876-4** **46**
(22) 11/11/2004
(15) 07/06/2005
(45) 07/06/2005
(51) 12-16.C 0865, 12-16.R 0206
(54) CONFIGURAÇÃO APLICADA EM ESPELHO RETROVISOR EXTERNO DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404877-2** **46**
(22) 11/11/2004
(15) 22/11/2005
(45) 22/11/2005
(51) 26-06.I 0038, 26-06.C 0618
(54) CONFIGURAÇÃO APLICADA EM LANTERNA DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404878-0** **46**
(22) 11/11/2004
(15) 22/11/2005
(45) 22/11/2005
(51) 26-06.P 0251
(54) CONFIGURAÇÃO APLICADA EM FAROL DIANTEIRO DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404879-9** **46**
(22) 11/11/2004
(15) 07/06/2005
(45) 07/06/2005
(51) 12-16.P 0112, 12-16.P 0803
(54) CONFIGURAÇÃO APLICADA EM PÁRA-CHOQUE DIANTEIRO DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404880-2** **46**
(22) 11/11/2004
(15) 14/06/2005
(45) 14/06/2005
(51) 12-08.A 0367
(54) CONFIGURAÇÃO APLICADA EM PORTA LATERAL DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404881-0** **46**
(22) 11/11/2004
(15) 14/06/2005
(45) 14/06/2005
(51) 12-16.T 0013
(54) CONFIGURAÇÃO APLICADA EM PAINEL DE INSTRUMENTOS DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

(11) **DI 6404882-9** **46**
(22) 11/11/2004
(15) 07/06/2005
(45) 07/06/2005
(51) 12-16.P 0112
(54) CONFIGURAÇÃO APLICADA EM PÁRA-CHOQUE TRASEIRO DE AUTOMÓVEL
(73) Fiat Auto S.p.a (IT)
(72) Luciano Caggianello
(74) Marco Antonio Saltini
Prorrogado de 12/11/2014 a 11/11/2019 (3º Período).

46.1
EXIGÊNCIA DE COMPROVAÇÃO DE QUINQUÊNIO E/OU PRORROGAÇÃO - ARTS. 120 e 108 DA LPI

(11) **DI 5001694-6** **46.1**
(15) 19/10/1999
(73) DUCHACORONA LTDA (BR/SE)
(74) David do Nascimento - Adv.
Apresente comprovantes de pagamentos, efetuados dentro do prazo legal, para os atos relativos ao 4º período.

(11) **DI 5400356-3** **46.1**
(15) 09/11/1999
(73) Braspet - Indústria e Comércio de Embalagens Plásticas Ltda. (BR/SP)
(74) Paulo Sérgio Scatamburlo
Apresente os comprovantes de pagamentos, efetuados dentro do prazo legal, para os atos relativos ao 2º e 3º períodos.

(11) **DI 5400357-1** **46.1**
(15) 09/11/1999
(73) Braspet - Indústria e Comércio de Embalagens Plásticas Ltda. (BR/SP)
(74) Paulo Sérgio Scatamburlo
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5400709-7** **46.1**
(15) 02/10/2001
(73) The Coca-Cola Company (US)
(74) Momsen, Leonardos & CIA.
Apresente os comprovantes de pagamentos, efetuados dentro dos prazos legais, para os atos relativos ao 2º e 3º períodos.

(11) **DI 5400749-6** **46.1**
(15) 16/09/2003
(73) JOHNSON & JOHNSON (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5401129-9** **46.1**
(15) 21/03/2000
(73) Centro de Pesquisas de Energia Elétrica - CEPEL (BR/RJ)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5401238-4** **46.1**
(15) 19/10/1999
(73) Banco Itaú S/A (BR/SP)
(74) Britânia Marcas e Patentes S/C Ltda
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5401795-5** **46.1**
(15) 13/01/1998
(73) Tigre S.A. - Tubos e Conexões (BR/SC)
(74) Britânia Marcas e Patentes S/C Ltda
Apresente os comprovantes de pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5500199-8** **46.1**

(15) 01/09/1998
(73) Getulio Rosas (BR/SP) , José Junqueira Pereira (BR/SP)
(74) União Federal Marcas e Patentes S/C Ltda.
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5501646-4** **46.1**
(15) 24/04/2001
(73) Wolpac Sistemas de Controle Ltda (BR/SP)
(74) Org. Mérito Marcas e Patentes Ltda.
Apresente os comprovantes de pagamento, efetuados dentro do prazo legal, para os atos relativos ao 3º período.

(11) **DI 5501785-1** **46.1**
(15) 21/03/2000
(73) Marco Antônio Pereira da Silva (BR/SP)
(74) Cidwan Uberlândia S/C Ltda
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5501798-3** **46.1**
(15) 08/02/2000
(73) Motorola, Inc. (US)
(74) Clarke Modet do Brasil LTDA
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5501804-1** **46.1**
(15) 25/05/1999
(73) Koninklijke Philips Electronics N.V. (NL)
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos ao 2º e 3º períodos.

(11) **DI 5501808-4** **46.1**
(15) 01/06/1999
(73) Koninklijke Philips Electronics N.V. (NL)
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos ao 3º período.

(11) **DI 5501810-6** **46.1**
(15) 01/06/1999
(73) Koninklijke Philips Electronics N.V. (NL)
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos ao 3º período.

(11) **DI 5501811-4** **46.1**
(15) 08/03/2000
(73) Forjasul Eletrik S.A. (BR/RS)
(74) Marpa Cons. & Asses. Empresarial Ltda
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos ao 3º período.

(11) **DI 5501816-5** **46.1**
(15) 08/06/1999
(73) Oakley Inc (US)
(74) Montaury Pimenta, Machado & Lioce S/C Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 3º e 4º períodos do registro.

(11) **DI 5501825-4** **46.1**
(15) 15/06/1999
(73) Mapinus Indústria e Comércio de Madeira Ltda. (BR/SC)
(74) Aliança Assessoria Marcas e Patentes Ltda
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 3º e 4º períodos do registro.

(11) **DI 5501827-0** **46.1**
(15) 17/06/1997
(73) Edir Boscaratto (BR/SP)
(74) City Patentes e Marcas Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 3º e 4º períodos do registro.

(11) **DI 5501829-7** **46.1**
(15) 23/06/1998
(73) Edir Boscaratto (BR/SP) , Marsinty do Brasil Produtos Sintéticos Ltda (BR/SP)
(74) City Patentes e Marcas Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 3º e 4º períodos do registro.

(11) **DI 5501830-0** **46.1**
(15) 15/06/1999
(73) Thomas & Betts International, Inc. (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 3º e 4º períodos do registro.

(11) **DI 5501832-7** **46.1**
(15) 22/06/1999
(73) Adidas Ag (DE)
(74) Franco, Bhering, Barbosa e Novaes
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 3º e 4º períodos do registro.

(11) **DI 5600884-8** **46.1**
(15) 26/08/1997
(73) Sanremo S/A (BR/RS)
(74) D'Mark RF Assessoria Empresarial Ltda.
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5800015-1** **46.1**
(15) 31/08/1999
(73) Fernando Piva Campana (BR/SP) , Humberto Piva Campana (BR/SP)
(74) Sul América Marcas e Patentes S/C Ltda.
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5800028-3** **46.1**
(15) 08/12/1998
(73) Black & Decker Inc. (US)
(74) Daniel & Cia.
Apresente comprovante de pagamento, efetuado dentro do prazo legal, para o ato relativo ao 2º qüinqüênio.

(11) **DI 5800082-8** **46.1**
(15) 17/11/1998
(73) Revlon Consumer Products Corporation (US)
(74) Momsen, Leonardos & CIA.
Apresente os comprovantes de pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5800088-7** **46.1**
(15) 25/07/2000
(73) RSW Eletrometalúrgica Ltda (BR/SP)
(74) Cometa Marcas e Patentes S/C Ltda.
Apresente os comprovantes de pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5800090-9** **46.1**
(15) 10/12/2002
(73) Maria Alice Bueno Campos de Freitas (BR/SP) , Luiz Augusto Viterbo Herenha (BR/SP)
(74) Beérre Assessoria Empresarial S/C Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5800128-0** **46.1**
(15) 17/11/1998
(73) Cedar S/A (AR)
(74) Itamarati Patentes e Marcas S/C Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5800130-1** **46.1**
(15) 24/11/1998
(73) Marcos Ferreira de Souza (BR/SP)
(74) Columbia Registros de Marcas e Patentes S/C Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5800187-5** **46.1**
(15) 17/08/1999
(73) Power Tool Holders Incorporated (US)
(74) Momsen, Leonardos & CIA.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800190-5** **46.1**
(15) 06/10/1998
(73) Wanderlúcio Pinto (BR/MG)
(74) Almir Corrêa de Lacerda/Marcas & Patentes
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800191-3** **46.1**
(15) 24/11/1998
(73) Wanderlúcio Pinto (BR/MG)
(74) Almir Corrêa de Lacerda/Marcas & Patentes
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800192-1** **46.1**
(15) 30/03/1999
(73) Metalurgica Mor S/A (BR/RS)
(74) Lealvi Marcas
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800278-2** **46.1**
(15) 24/11/1998
(73) Basf S.A. (BR/SP)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800283-9** **46.1**
(15) 13/10/1999
(73) José Claudio de Almeida Barros (BR/SP)
(74) José Antonio de Souza Cappellini
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800284-7** **46.1**
(15) 13/10/1999
(73) José Claudio de Almeida Barros (BR/SP) , Efstratios Franz Frygoudakis (BR/RJ)
(74) José Antonio de Souza Cappellini
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800288-0** **46.1**
(15) 15/12/1998
(73) Eduardo Zaniboni (BR/PR)
(74) Semapar Marcas e Patentes S/C Ltda
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5800290-1** **46.1**
(15) 03/11/1998
(73) Giovanna Baby Indústria e Comércio LTDA (BR/SP)
(74) Blanco & Vallim S/C Ltda.
Apresente os comprovantes dos pagamentos, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos do registro.

(11) **DI 5901251-0** **46.1**
(15) 13/06/2000
(73) QT Equipamentos Ltda (BR/RS)
(74) José de Oliveira Pinho
Apresente os comprovantes de pagamento, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

(11) **DI 5901376-1** **46.1**
(15) 22/02/2000
(73) Tie Tecnologia Informática Eletrônica Ltda (BR/SP)
(74) Logos Marcas e Patentes S/C Ltda.
Apresente os comprovantes de pagamento, efetuados dentro dos prazos legais, para os atos relativos aos 2º e 3º períodos.

46.2 EXIGÊNCIA DE COMPLEMENTAÇÃO DE QUINQUÊNIO E/OU PRORROGAÇÃO - ARTS. 120 e 108 DA LPI

(11) **DI 5400722-4** **46.2**
(15) 02/09/2003
(73) BRIDGESTONE/FIRESTONE, INC (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Complemente a taxa para o atual valor do quinquênio no prazo ordinário, qual seja de R$ 380,00, dado que os valores recolhidos por meio das guias nº 15001 e nº 300237503041, de 26/06/1996 e 29/09/2003, respectivamente, foram recolhidos a menor do que o fixado na Tabela de Retribuições pelos Serviços do INPI à época.

(11) **DI 5400749-6** **46.2**
(15) 16/09/2003
(73) JOHNSON & JOHNSON (US)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Complemente a taxa para o atual valor do quinquênio, no prazo ordinário, qual seja de R$ 380,00, dado que os valores recolhidos nas guias nº 19585 e nº 300237630531, de 07/08/1996 e 05/11/2003, respectivamente, foram recolhidos a menor do que o fixado na Tabela de Retribuições pelos Serviços do INPI à época.

(11) **DI 5500146-7** **46.2**
(15) 01/06/1999
(73) GRUPO SEB DO BRASIL PRODUTOS DOMÉSTICOS LTDA (BR/SP)
(74) Cruzeiro Newmarc Patentes e Marcas Ltda.
Complemente a taxa para o atual valor do quinquênio, no prazo ordinário, qual seja de R$ 380,00, dado que o valor recolhido na guia nº 1300211030596, de 11/03/1999 foi recolhido a menor do que o fixado na Tabela de Retribuições pelos Serviços do INPI à época.

(11) **DI 5500880-1** **46.2**
(15) 23/05/2000
(73) Tramontina Farroupilha S/A (BR/RS)
(74) Creazione Marcas e Patentes Ltda
Complemente a taxa para o atual valor do quinquênio, bem como da prorrogação, no prazo ordinário, quais sejam de R$ 380,00 e R$ 190,00, dado que os valores recolhidos nas guias nº 300235855145 e nº 300235856516, ambas de 11/06/2003, o foram a menor e antes do início do prazo para os pagamentos do terceiro período, tendo em vista a mudança nos valores fixados na Tabela de Retribuições pelos Serviços do INPI, em relação à data dos pagamentos e à data em que se iniciou o referido prazo.

(11) **DI 5702322-0** **46.2**
(15) 06/05/2003
(73) Lecce Pen Company SPA (IT)
(74) Renata Passarella
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 300232157552, dado que o prazo ordinário venceu no dia 11/12/2002, e o pagamento foi realizado em 30/05/2003. Apresente, ainda, os comprovantes dos pagamentos referentes aos 3º e 4º períodos do registro do Desenho Industrial.

(11) **DI 5702323-9** **46.2**
(15) 06/05/2003
(73) Lecce Pen Company SPA (IT)
(74) Renata Passarella
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 300232157544, dado que o prazo ordinário venceu no dia 11/12/2002, e o pagamento foi realizado em 30/05/2003. Apresente, ainda, os comprovantes dos pagamentos referentes aos 3º e 4º períodos do registro do Desenho Industrial.

(11) **DI 5702324-7** **46.2**
(15) 06/05/2003
(73) Lecce Pen Company SPA (IT)
(74) Renata Passarella
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 300232157560, dado que o prazo ordinário venceu no dia 11/12/2002, e o pagamento foi realizado em 30/05/2003. Apresente, ainda, os comprovantes dos pagamentos referentes aos 3º e 4º períodos do registro do Desenho Industrial.

(11) **DI 5802521-9** **46.2**
(15) 05/10/1999
(73) Alfredo Portella Marques (BR/SP)
(74) Miguel e Consultores Associados S/C Ltda.
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, dado que o valor recolhido por meio da guia nº 300211372179, de 14/06/2004, foi inferior ao fixado na Tabela de Retribuições pelos Serviços do INPI, à época.

(11) **DI 5802604-5** **46.2**
(15) 29/04/2003
(73) Baker Hughes Incorporated (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 240585128652, dado que o prazo ordinário venceu no dia 21/01/2003, e o pagamento foi realizado em 23/06/2003. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 5802605-3** **46.2**
(15) 29/04/2003
(73) Baker Hughes Incorporated (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 240585128660, dado que o prazo ordinário venceu no dia 21/01/2003, e o pagamento foi realizado em 23/06/2003. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 5802606-1** **46.2**
(15) 29/04/2003
(73) Baker Hughes Incorporated (US)
(74) Dannemann, Siemsen, Bigler & Ipanema Moreira
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 240585128679, dado que o prazo ordinário venceu no dia 21/01/2003, e o pagamento foi realizado em 23/06/2003. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 5900345-6** **46.2**
(15) 26/10/1999
(73) Luiz Antonio Valente Duarte (BR/RJ)
(74) Dannemann ,Siemsen, Bigler & Ipanema Moreira
Complemente a taxa para o valor do segundo quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 05/02/2004, e o pagamento foi realizado em 04/08/2004.

(11) **DI 5900440-1** **46.2**
(15) 26/10/1999
(73) Francisca Evelize Rocha Machado (BR/PR)
(74) Senior's Marcas e Patentes Ltda.
Complemente a taxa para o valor do quinquênio, bem como da prorrogação do registro, ambos no prazo extraordinário, de R$ 760,00 e de R$ 380,00, respectivamente, recolhidos, à época, mediante o pagamento das guias nº 210907327540 e 210907327508, dado que o prazo ordinário venceu no dia 17/05/2009, e pagamento foi realizado em 17/11/2009.

(11) **DI 5900441-0** **46.2**
(15) 09/05/2000
(73) Francisca Evelize Rocha Machado (BR/PR)
(74) Senior's Marcas e Patentes Ltda.
Complemente a taxa para o valor do quinquênio, bem como da prorrogação do registro, ambos no prazo extraordinário, de R$ 760,00 e de R$ 380,00, respectivamente, recolhidos, à época, mediante o pagamento das guias nº 210907327613 e 2109073275607, dado que o prazo ordinário venceu no dia 17/05/2009, e pagamento foi realizado no dia 17/11/2005.

(11) **DI 5901554-3** **46.2**
(15) 16/05/2000
(73) Vera Luiza Kesterke (BR/RS)
Complemente a taxa para o atual valor do quinquênio, no prazo ordinário, para pessoa física, qual seja de R$ 150,00, dado que o valor recolhido na guia nº 30023994889X, de 16/02/2004, foi recolhido a menor do que o fixado na Tabela de Retribuições pelos Serviços do INPI à época do pagamento.

(11) **DI 5902924-2** **46.2**
(15) 27/06/2000
(73) HENRIQUE MARCIO SMITAS (BR/SP)
(74) Estrela S/C Ltda. Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210401923363, dado que o prazo ordinário venceu no dia 20/12/2004, e o pagamento foi realizado em 07/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 5902928-5** **46.2**
(15) 20/06/2000
(73) SPL Construtuora e Pavimentadora Ltda (BR/SP)
(74) Amâncio da Conceição Machado
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210500340935, dado que o prazo ordinário venceu no dia 20/10/2004, e o pagamento foi realizado em 27/01/2005.

(11) **DI 6000341-3** **46.2**
(15) 26/12/2000
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes S/C Ltda.
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 210501239359, dado que o prazo ordinário venceu no dia 17/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000928-4** **46.2**
(15) 19/09/2000
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 210501239014, dado que o prazo ordinário venceu no dia 16/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000929-2** **46.2**
(15) 19/09/2000
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210501239073, dado que o prazo ordinário venceu no dia 16/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000951-9** **46.2**
(15) 29/05/2001
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210501239367, dado que o prazo ordinário venceu no dia 22/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000952-7** **46.2**
(15) 29/05/2001
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210501239375, dado que o prazo ordinário venceu no dia 22/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000966-7** **46.2**
(15) 22/05/2001
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes SC Ltda
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época, por meio da guia nº 210501239103, dado que o prazo ordinário venceu no dia 16/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000967-5** **46.2**
(15) 22/05/2001
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210501239138, dado que o prazo ordinário venceu no dia 16/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente,

ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000968-3** **46.2**
(15) 29/05/2001
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes SC Ltda
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210501239162, dado que o prazo ordinário venceu no dia 16/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6000969-1** **46.2**
(15) 29/05/2001
(73) Milton Moresca Júnior (BR/PR)
(74) Dinâmica Marcas e Patentes
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido à época por meio da guia nº 210501239189, dado que o prazo ordinário venceu no dia 16/03/2005, e o pagamento foi realizado em 20/04/2005. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6102470-8** **46.2**
(15) 05/03/2002
(73) José Marques da Silva (BR/SP)
(74) Moras & Corrêa
Complemente a taxa para o atual valor do quinquênio, no prazo extraordinário, qual seja de R$ 760,00, recolhido, à época, por meio da guia nº 0000210607317779, dado que o prazo ordinário venceu no dia 09/08/2006, e o pagamento foi realizado em 22/12/2006. Apresente, ainda, os comprovantes dos pagamentos referentes ao 3º período do registro do Desenho Industrial.

(11) **DI 6200389-5** **46.2**
(15) 24/09/2002
(73) Prefeitura Municipal de Guaramirim (BR/SC)
(74) King's Marcas e Patentes Ltda Me
Complemente a taxa para o valor do segundo quinquênio, no prazo extraordinário, qual seja de R$760,00, em referência à guia nº 0000210701695986, dado que o prazo ordinário venceu no dia 25/02/2007, e o pagamento foi realizado em 20/03/2007.

(11) **DI 6202712-3** **46.2**
(15) 04/02/2003
(73) Rogério Florentino da Silva (BR/SP)
(74) Moras & Corrêa
Complemente a taxa para o valor do segundo quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 20/09/2007, e o pagamento foi realizado em 12/11/2007.

(11) **DI 6501707-2** **46.2**
(15) 12/07/2005
(73) Primo Schincariol Indústria de Cervejas e Refrigerantes S/A (BR/SP)
(74) Sérgio Perocco
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 12/05/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6501709-9** **46.2**
(15) 26/07/2005
(73) Primo Schincariol Indústria de Cervejas e Refrigerantes S/A (BR/SP)
(74) Sérgio Perocco
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 12/05/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6501710-2** **46.2**
(15) 12/07/2005
(73) Primo Schincariol Indústria de Cervejas e Refrigerantes S/A (BR/SP)
(74) Sérgio Perocco
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 12/05/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6501876-1** **46.2**
(15) 06/09/2005
(73) Nelson Kovacs (BR/SP)
(74) Vilage Marcas & Patentes S/C Ltda.
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 30/05/2010, e o pagamento foi realizado em 17/11/2010.

(11) **DI 6501877-0** **46.2**
(15) 06/09/2005
(73) Nelson Kovacs (BR/SP)
(74) Vilage Marcas & Patentes S/C Ltda.
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 30/05/2010, e o pagamento foi realizado em 17/11/2010.

(11) **DI 6501897-4** **46.2**
(15) 19/07/2005
(73) Primo Schincariol Indústria de Cervejas e Refrigerantes S/A (BR/SP)
(74) Sérgio Perocco
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 12/05/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6501898-2** **46.2**
(15) 19/07/2005
(73) Primo Schincariol Indústria de Cervejas e Refrigerantes S/A (BR/SP)
(74) Sérgio Perocco
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 12/05/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6502108-8** **46.2**
(15) 09/08/2005
(73) Unilever N.V. (NL)
(74) Ana Paula Santos Celidonio
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 09/06/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6502567-9** **46.2**
(15) 27/09/2005
(73) UNILEVER N.V. (NL)
(74) GUSMÃO & LABRUNIE LTDA
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 13/07/2010, e o pagamento foi realizado em 10/11/2010.

(11) **DI 6503171-7** **46.2**
(15) 08/11/2005
(73) Sonia Suely Gritti (BR/SP)
(74) Dinâmica Marcas Patentes
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 25/08/2010, e o pagamento foi realizado em 26/08/2010.

(11) **DI 6503198-9** **46.2**
(15) 20/12/2005
(73) Bombril Mercosul S.A (BR/SP)
(74) Wilson Pinheiro Jabur
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 18/08/2010, e o pagamento foi realizado em 11/10/2010.

(11) **DI 6503205-5** **46.2**
(15) 06/12/2005
(73) SCHRÉDER S/A (BE)
(74) Cone Sul Marcas e Patentes Ltda
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 30/06/2010, e o pagamento foi realizado em 17/08/2010.

(11) **DI 6503567-4** **46.2**
(15) 29/11/2005
(73) Alberí Folmer (BR/PR)
(74) Senior's Marcas e Patentes Ltda
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 20/09/2010, e o pagamento foi realizado em 21/03/2011.

(11) **DI 6504031-7** **46.2**
(15) 27/12/2005
(73) Luiz Carlos Camillo de Oliveira (BR/SP)
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 24/10/2010, e o pagamento foi realizado em 17/12/2010.

(11) **DI 6504893-8** **46.2**
(15) 21/03/2006
(73) GRENDENE S.A (BR/CE)
(74) Custódio de Almeida & Cia.
Complemente a taxa para o valor do quinquênio, no prazo extraordinário, qual seja de R$760,00, dado que o prazo ordinário venceu no dia 27/12/2010, e o pagamento foi realizado em 28/12/2010.

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TRANSFERÊNCIA EM EXIGÊNCIA

(21) **BR 30 2012 000550-7** **58**
(22) 09/02/2012
(71) JCDecaux Amériques Holding (FR)
(74) Momsen, Leonardos & Cia.
Apresente documento original de transferência ou sua certidão ou ainda a cópia autenticada do mesmo, do qual devem constar as assinaturas de duas testemunhas cujas firmas devem ser reconhecidas em cartório. - Petição 020130056884 de 26/06/2013

(21) **BR 30 2012 000551-5** **58**
(22) 09/02/2012
(71) JCDecaux Amériques Holding (FR)
(74) Momsen, Leonardos & Cia.
Apresente documento original de transferência ou sua certidão ou ainda a cópia autenticada do mesmo, do qual devem constar as assinaturas de duas testemunhas cujas firmas devem ser reconhecidas em cartório. - Petição 020130056882 de 26/06/2013

(11) **BR 30 2012 002369-6** **58**
(22) 11/05/2012
(15) 18/06/2013
(71) JCDecaux Amériques Holding (FR)
(74) Ana Cristina Almeida Müller Wegmann
Apresente documento original de transferência ou sua certidão ou ainda a cópia autenticada do mesmo, do qual devem constar as assinaturas de testemunhas cujas firmas devem ser reconhecidas em cartório. - Petição 020130056884 de 26/06/2013

(11) **BR 30 2012 002457-9** **58**
(22) 16/05/2012
(15) 18/06/2013
(71) JCDecaux Amériques Holding (FR)
(74) Ana Cristina Almeida Muller Wegmann
Apresente documento original de transferência ou sua certidão ou ainda a cópia autenticada do mesmo, do qual devem constar as assinaturas de duas testemunhas cujas firmas devem ser reconhecidas em cartório. - Petição 020130056873 de 26/06/2013

(11) **BR 30 2012 002458-7** **58**
(22) 16/05/2012
(15) 18/06/2013
(71) JCDecaux Amériques Holding (FR)
(74) Ana Cristina Almeida Muller Wegmann
Apresente documento original de transferência ou sua certidão ou ainda a cópia autenticada do mesmo, do qual devem constar as assinaturas de duas testemunhas cujas firmas devem ser reconhecidas em cartório. - Petição 020130056870 de 26/06/2013

(11) **BR 30 2012 002843-4** **58**
(22) 05/06/2012
(15) 26/02/2013
(71) JCDecaux Amériques Holding (FR)
(74) Claudia Christina Schulz
Apresente documento original de transferência ou sua certidão ou ainda a cópia autenticada do mesmo, do qual devem constar as assinaturas de duas testemunhas cujas firmas devem ser reconhecidas em cartório. - Petição 020130056876 de 26/06/2013

Diretoria de Contratos, Indicações Geográficas e Registros - DICIG

DICIG
Contratos de Tecnologia e Licenças de Uso de Marcas
Tabela de Códigos de Despachos

060 Cumpra a **EXIGÊNCIA** formulada **EM GRAU DE RECURSO**, observando o disposto no complemento.

DICIG
Programas de Computador
Tabela de Códigos de Despachos

080 **Publicação de pedido de Registro de Programa de Computador.**
Publicação de pedido de programa de Computador, art. 3º da Lei 9609/98.

082 **Pedido em exigência devido a irregularidades.**
Pedido em exigência, conforme artigos 3º, 4º e 5º. Suspensão do andamento do Pedido do Registro, que, para instrução regular, aguardará o atendimento ou contestação das exigências formuladas. Da data da notificação corre o prazo de 60 dias para o comprimento desta exigência.

090 **Deferimento de pedido de registro de programa de computador.**
Deferido o pedido de registro de programa de computador com base na lei 9609/98. Desta data corre o prazo de 60 (sessenta) dias para interposição de recurso ao Presidente do INPI.

091 **Alteração de Nome Deferida.**
Notificação de deferimento de alteração de nome. Desta data corre o prazo de 60 (sessenta) dias para eventuais recursos de interessados.

092 **Alteração de Nome em Exigência.**
Notificação de exigência referente ao pedido de alteração nome requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

093 **Alteração de Nome Indeferida.**
Notificação de indeferimento de transferência de alteração de nome requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

094 **Alteração de Razão Social Deferida.**
Notificação de deferimento de alteração de razão social requerida. Desta data corre o prazo de 60 (sessenta) dias para eventuais recursos de interessados.

095 **Alteração de Razão Social em Exigência.**
Notificação de exigência referente ao pedido de alteração de razão social requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

096 **Alteração de Razão Social Indeferida.**
Notificação de indeferimento de alteração de razão social requerida. Desta data corre o prazo de 60 (sessenta) dias para eventuais recursos dos interessados.

097 **Alteração de Endereço Deferida.**
Notificação de deferimento de alteração endereço requerida. Desta data corre o prazo de 60 (sessenta) dias para eventuais recursos de interessados.

098 **Alteração de Endereço em Exigência.**
Notificação de exigência referente ao pedido de alteração endereço requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

099 **Alteração de Endereço Indeferida.**
Notificação de indeferimento de alteração endereço requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

100 **Transferência de Titularidade Deferida.**
Notificação de deferimento da transferência de titularidade requerida. Desta data corre o prazo de 60 (sessenta) dias para eventuais recursos de interessados.

101 **Transferência de Titularidade em Exigência.**
Notificação de exigência referente ao pedido de transferência de titularidade requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da transferência.

102 **Transferência de Titularidade Indeferida.**
Notificação de indeferimento de transferência de titularidade requerida. Desta data corre o prazo de 60 (sessenta) dias para eventual recurso do interessado.

104 **Petição não conhecida.**
Não conhecimento de petição por insuficiência de fundamentação legal ou se desacompanhada do comprovante da respectiva retribuição do valor vigente à data de sua apresentação.

105 **Desistência de pedido de registro de programa de computador homologada.**
Homologada a desistência do pedido de registro de programa de computador.

106 **Renúncia ao registro de programa de computador homologada.**
Homologada a renúncia do registro de programa de computador.

107 **Renúncia ao sigilo da documentação técnica homologada.**
Notificação de renúncia ao sigilo da documentação técnica.

108 **Registro/pedido de registro *sub-judice*.**
Notificação de procedimento judicial.

109 **Anotação de limitação ou ônus.**
Notificação referente à anotação de limitação ou ônus, conforme indicado no complemento.

110 **Publicação Anulada.**
Anulação da publicação referente a qualquer um dos itens anteriores, por ter sido indevida.

111 **Despacho Anulado.**
Anulação do despacho referente a qualquer um dos itens anteriores, por ter sido indevida.

112 **Decisão Anulada.**
Anulação da decisão referente a qualquer um dos itens anteriores, por ter sido indevida.

113 **Retificação.**
Retificação da publicação referente a qualquer um dos itens anteriores, por ter sido efetuada com incorreção. Tal publicação não implica na alteração da data da decisão ou despacho e nos prazos decorrentes da mesma.

130 Pedidos de Averbação de Contratos Indeferidos

185 Pedidos de Averbação de Contratos Arquivados

210 **RECURSO(S) INTERPOSTO(S)** contra decisão indicada.

272 **RECURSO CONHECIDO**, observando o disposto no complemento.

290 Retificação de Publicações

295 Anulação de Publicações

350 Pedidos de Averbação de Contratos Aprovados

800 Certificados de Averbação Cancelados

998 Pedidos de Licença Obrigatória para Exploração de Patentes

999 Outros

114 Republicação.
Republicação da publicação referente a qualquer um dos itens anteriores, por ter sido indevida.

115 Recurso contra o deferimento
Notificação de interposição de recurso ao presidente do INPI contra o deferimento do pedido de registro de programa de computador, objetivando o reexame da documentação formal. Desta data corre o prazo de 30 (trinta) dias para a apresentação de contra-razões pelo interessado. Poderá ser requerida cópia do recurso utilizando o formulário Folha de Petição Programa de Computador.

DICIG
Tabela de Códigos de Despachos
INDICAÇÕES GEOGRÁFICAS

305 **CUMPRA A EXIGÊNCIA**, observando o disposto no complemento.

315 Recolha e/ou complemente a **RETRIBUIÇÃO** devida, no exato valor fixado na **tabela de retribuições de serviços**, em vigor na data da comprovação do cumprimento desta exigência junto ao **INPI**, observando o disposto no complemento. Recolha, também, a retribuição estabelecida para **CUMPRIMENTO DE EXIGÊNCIA.**

325 **ARQUIVADO** o pedido de registro de indicação geográfica, **POR FALTA DE CUMPRIMENTO/ RESPOSTA À EXIGÊNCIA**.

335 **PUBLICADO** o pedido de registro de indicação geográfica. Inicia-se, nesta data, o prazo de 60 (sessenta) dias para manifestação de terceiros.

340 **MANIFESTAÇÃO(ÕES)** de terceiros(s) indicado(s) no complemento, face à publicação do pedido de registro de indicação geográfica.

373 **DEFERIDO o pedido de registro de indicação geográfica**. Inicia-se, nesta data, o prazo de 60 (sessenta) dias para que o requerente comprove, junto ao INPI, o recolhimento da **RETRIBUIÇÃO RELATIVA À EXPEDIÇÃO DE CERTIFICADO DE REGISTRO,** no exato valor previsto na **tabela de custos de serviços prestados pelo INPI,** vigente à época do recolhimento.

375 **INDEFERIDO** o pedido de registro de indicação geográfica, observado o disposto no complemento.

380 **PEDIDO DE RECONSIDERAÇÃO INTERPOSTO** contra a decisão de indeferimento do pedido de registro de indicação geográfica.

385 **PEDIDO DE RECONSIDERAÇÃO CONHECIDO E PROVIDO. DEFERIDO** o pedido de registrode indicação geográfica. Inicia-se, nesta data, o prazo de 60 (sessenta) dias para que o requerente comprove, junto ao **INPI**, o recolhimento da **RETRIBUIÇÃO RELATIVA À EXPEDIÇÃO DE CERTIFICADO DE REGISTRO,** no exato valor previsto na **tabela de custos de serviços prestados pelo INPI,** vigente à época do recolhimento.

390 **PEDIDO DE RECONSIDERAÇÃO CONHECIDO. NEGADO PROVIMENTO. MANTIDO O INDEFERIMENTO** do pedido de registro de indicação geográfica, tendo em vista o disposto no complemento. **ENCERRADA A INSTÂNCIA ADMINISTRATIVA.**

395 Comunicação de **CONCESSÃO DE REGISTRO** de reconhecimento de indicação eográfica. O certificado de registro estará à disposição do Titular na recepção do **INPI**, após 60 (sessenta) dias, a contar desta data. Poderá, a pedido, ser remetido a qualquer Delegacia/Representação do **INPI/MDIC**.

405 Retificação da **COMUNICAÇÃO DE CONCESSÃO DE REGISTRO** de reconhecimento de indicação geográfica, conforme indicado no complemento. O certificado de registroestará à disposição do Titular na recepção do **INPI,** após 60 (sessenta) dias, a contar desta data. Poderá, a pedido, ser remetido a qualquer Delegacia/Representação do **INPI/MDIC**.

410 **NÃO CONHECIDA A PETIÇÃO** indicada, observando o disposto no complemento.

412 **PREJUDICADA A PETIÇÃO** indicada.

413 **ARQUIVADA A PETIÇÃO** indicada.

414 **INDEFERIDA A PETIÇÃO** indicada.

415 **ARQUIVADO** o pedido de registro de indicação geográfica, por **DESISTÊNCIA** do requerente.

416 **RECONHECIDO O OBSTÁCULO ADMINISTRATIVO. DEVOLVIDO O PRAZO,** conforme requerido, que começará a fluir a partir da data de sua publicação na RPI, observando o disposto no complemento.

420 **HOMOLOGADA A DESISTÊNCIA** requerida, através da petição indicada.

423 **ANULADO(S)** o(s) despacho(s) abaixo indicado(s).

425 **NOMEADO PERITO**, para saneamento de questões técnicas.

430 **SOBRESTADO** o exame do pedido de registro de indicação geográfica, observando o disposto no complemento.

435 **PEDIDO DE REGISTRO DE INDICAÇÃO GEOGRÁFICA *SUB-JUDICE*. NOTIFICAÇÃO DE PROCEDIMENTO JUDICIAL**, observando o disposto no complemento.

440 **REGISTRO DE INDICAÇÃO GEOGRÁFICA *SUB-JUDICE*, NOTIFICAÇÃO DE PROCEDIMENTO JUDICIAL**, observando o disposto no complemento.

120 Concessão do Registro.
Expedição do certificado de registro de programa de computador. O título será enviado ao titular ou ao seu procurador, se for o caso.

DICIG
Tabela de Códigos de Despachos
Registro de Topografia de Circuito Integrado

501 **Publicação de pedido de Registro de Topografia de Circuito Integrado**
Publicação de pedido de Topografia de Circuito Integrado.

502 **Pedido em exigência devido a irregularidades**
Pedido em exigência, de acordo com o artigo 33 da Lei 11.484/07. Suspensão do andamento do pedido de registro que, para instrução regular, aguardará o atendimento ou contestação das exigências formuladas. Da data da notificação corre o prazo de 60 dias para o comprimento desta exigência.

504 **Arquivamento definitivo do pedido, devido ao não cumprimento de exigências formuladas**
Arquivamento definitivo do pedido, devido ao não cumprimento de exigências formuladas, de acordo com o artigo 33 da Lei 11.484/07.

506 **Arquivamento definitivo do pedido, devido a não apresentação do circuito integrado relativo à topografia requerida**
Arquivamento definitivo do pedido, devido a não apresentação do circuito integrado relativo à topografia requerida, de acordo com o item IV do art. 3º da Resolução 187/98.

508 **Arquivamento definitivo do pedido, em função de a data de início de exploração, no Brasil ou no exterior, ser anterior a 2 (dois) anos, contados da data de depósito**
Arquivamento definitivo do pedido, em função de a data de início de exploração, no Brasil ou no exterior, ser anterior a 2 (dois) anos, contados da data de depósito, de acordo com o artigo 33 da Lei 11.484/07.

520 **Alteração de Nome ou Razão Social Deferida**
Notificação de deferimento de alteração de nome ou Razão Social.

Desta data corre o prazo de 10 (dez) dias para eventuais recursos de interessados.

522 Alteração de Nome ou Razão Social em Exigência
Notificação de exigência referente ao pedido de alteração nome ou Razão Social requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

524 Alteração de Nome ou Razão Social Indeferida
Notificação de indeferimento de transferência de alteração de nome ou Razão Social requerida. Desta data corre o prazo de 10 (dez) dias para eventuais recursos de interessados.

526 Alteração de Endereço Deferida
Notificação de deferimento de alteração endereço requerida. Desta data corre o prazo de 10 (dez) dias para eventuais recursos de interessados.

528 Alteração de Endereço em Exigência
Notificação de exigência referente ao pedido de alteração endereço requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de indeferimento da alteração.

530 Alteração de Endereço Indeferida
Notificação de indeferimento de alteração endereço requerida. Desta data corre o prazo de 10 (dez) dias para eventual recurso do interessado.

532 Transferência de Titular Deferida
Notificação de deferimento da transferência de titular requerida. Desta data corre o prazo de 10 (dez) dias para eventuais recursos de interessados.

534 Transferência de Titular em Exigência
Notificação de exigência referente ao pedido de transferência de titular requerida. Desta data corre prazo de 60 (sessenta) dias para cumprimento da exigência formulada, sob pena de arquivamento da transferência.

536 Transferência de Titular Indeferida
Notificação de indeferimento de transferência de titular requerida. Desta data corre o prazo de 10 (dez) dias para eventual recurso do interessado.

538 Petição não conhecida
Não conhecimento de petição por insuficiência de fundamentação legal ou se desacompanhada do comprovante da respectiva retribuição do valor vigente à data de sua apresentação.

540 Desistência de pedido de registro de Topografia de Circuito Integrado homologada
Homologada a desistência do pedido de registro de Topografia de Circuito Integrado.

542 Renúncia ao registro de Topografia de Circuito Integrado homologada
Homologada a renúncia do registro de Topografia de Circuito Integrado e o registro é considerado extinto na data da apresentação da renúncia.

544 Renúncia ao sigilo de pedido de registro de Topografia de Circuito Integrado
Notificação de renúncia ao sigilo de pedido de registro de Topografia de Circuito Integrado.

546 Registro/pedido de registro sub-judice
Notificação de procedimento judicial.

548 Anotação de limitação ou ônus
Notificação referente à anotação de limitação ou ônus, conforme indicado no complemento.

640 Publicação Anulada
Anulação da publicação referente a qualquer um dos itens anteriores, por ter sido indevida.

642 Despacho Anulado
Anulação do despacho referente a qualquer um dos itens anteriores, por ter sido indevida.

644 Decisão Anulada
Anulação da decisão referente a qualquer um dos itens anteriores, por ter sido indevida.

646 Retificação
Retificação da publicação referente a qualquer um dos itens anteriores, por ter sido efetuada com incorreção. Tal publicação não implica na alteração da data da decisão ou despacho e nos prazos decorrentes da mesma.

648 Republicação
Republicação da publicação referente a qualquer um dos itens anteriores, por ter sido indevida.

650 Recurso
Notificação de interposição de recurso ao Presidente do INPI contra a decisão proferida. Desta data corre o prazo de 5 (cinco) dias, contados a partir da data de publicação do ato, para a apresentação de contra-razões pelo interessado. Poderá ser requerida cópia do recurso utilizando o formulário Folha de Petição Topografia de Circuito Integrado.

654 Concessão do Registro
Expedição do certificado de registro de Topografia de Circuito Integrado. O título acha-se à disposição do interessado na recepção da Representação do Estado no qual foi depositado. Desta data corre o prazo de 5 (cinco) anos para interposição de nulidade administrativa.

656 Nulidade Administrativa
Notificação de interposição de nulidade administrativa de registro de Topografia de Circuito Integrado, objetivando o reexame da documentação formal. Desta data corre o prazo de 5 (cinco) dias, contados a partir da data de publicação do ato, para a apresentação de manifestação pelo titular.

658 Revisão Administrativa
Notificação de revisão administrativa de registro de Topografia de Circuito Integrado, objetivando o reexame da documentação formal. Desta data corre o prazo de 10 (dez) dias, contados a partir da data de publicação do ato, para a apresentação de manifestação pelo titular.

660 Extinção
Notificação da extinção do registro de topografia de circuito integrado, pela expiração do prazo de vigência de proteção legal.

662 Devolução de Prazo
Notificação de devolução de prazo por justa causa, de acordo com a Resolução INPI nº 116, de 22 de dezembro de 2004. Desta data corre o prazo adicional concedido no despacho.

664 Outros

Diretoria de Contratos, Indicações Geográficas e Registros - DICIG
Contratos de Tecnologia (EP, FT, SAT, FRA)
Licenças de Uso de Marca (UM)

RPI 2243 de 31/12/2013

Processo: 980328 **185**
Cedente: KONINKLIJKE PHILIPS ELECTRONICS N.V.
Cessionária: MICROSERVICE TECNOLOGIA DIGITAL S/A

Processo: 120096 **185**
Cedente: ALCOA INC.
Cessionária: ALCOA ALUMÍNIO S/A

Processo: 070095 **350**
Com Última Informação de: 09/12/2013
Certificado de Averbação: 070095/08
Cedente: BAYERISCHE MOTOREN WERKE AG
País da Cedente: ALEMANHA
Cessionária: BMW DO BRASIL LTDA
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE AUTOMÓVEIS, CAMIONETAS E UTILITÁRIOS
Endereço da Cessionária: Av. Mj. Silvio Magalhães Padilha, 5200, Ed. Dallas, 1º, 2º, 11º e 12º - Jardim Morumbi - São Paulo - SP
Natureza do Documento: Contrato de 13/09/2004, Aditivo de 15/01/2008 e Aditivo de 22/09/2010
Objeto: UM - Licença não exclusiva para os Registros mencionados no item "Prazo" - Alteração do item "Prazo" - Transformação de Pedidos de Registro em Registros
Valor: "NIHIL"
Prazo: De 09/12/2013 pelo prazo de vigência das marcas para os Registros nºs. 790385880; 007553455; 810909758; 810909740; 816960828; 822188597; 006303102; 822600471; 823024881; 822762609; 822600528; 823024890; 822906554; 822762617; 823508374; 823783510; 823685284; 823783529; 822600544; 822600498; 823942112; 824242521; 822762706; 823048543; 812356527; 812356519; 822600536; 823102793; 823102807; 822600480; 824366433; 819947164; 822600463; 819947172; 820005223; 820005215; 007067720; 819853119; 822600455; 822762714; 820828793, 820828785 e 820828777
Responsável pelo pagamento do Imposto de Renda: Não se Aplica

Processo: 120818 **350**
Com Última Informação de: 09/12/2013
Certificado de Averbação: 120818/03
Cedente: UNIVERSAL CITY STUDIOS, LLC
País da Cedente: ESTADOS UNIDOS
Cessionária: NBCUNIVERSAL NETWORKS INTERNATIONAL BRASIL PROGRAMADORA S/A
País da Cessionária: BRASIL
Setor: ATIVIDADES DE TELEVISÃO
Endereço da Cessionária: Av. das Américas nº 1650 - Bloco 4 - Sala 201 - Barra da Tijuca - Rio de Janeiro - RJ
Natureza do Documento: Contrato de 11/5/2012
Objeto: UM - Licença exclusiva para os registros nºs. 827002149, 821526642, 830203230, 827002157, 830203257, 821526650, 830203273, 821526634, 830203222 e pedidos de registro nºs. 830422790 e 830422900 - Alteração dos itens "Prazo" em função da prorrogação do prazo do registro nº 821526650 e "Objeto"
Moeda de Pagamento: DOLAR DOS ESTADOS UNIDOS
Valor: 1% (um por cento) sobre o faturamento líquido para os registros e "NIHIL" para os pedidos de registro mencionados no item "Objeto"
Forma de Pagamento: Mensal
Prazo: De 04/12/2013
até 18/04/2016 para o registro nº 821526634;
até 10/04/2017 para o registro nº 821526642;
até 31/03/2019 para o registro nº 827002157;
até 06/09/2021 para os registros nº s. 830203230, 830203273, 830203257;
até 04/11/2021 para o registro nº 827002149;
até 21/08/2022 para o registro nº 830203222;
até 01/10/2022 para o registro nº 821526650; e
até a expedição dos Certificados de Registro de Marca para os pedidos de registro nº s. 830422790 e 830422900, desde que não ultrapasse a data de 01/10/2022
Responsável pelo pagamento do Imposto de Renda: Cedente

Processo: 130795 **350**
Com Última Informação de: 29/11/2013
Certificado de Averbação: 130795/01
Cedente: INVIVO NSA
País da Cedente: FRANÇA
Cessionária: INVIVO NUTRIÇÃO E SAÚDE ANIMAL LTDA
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE RAÇÕES BALANCEADAS PARA ANIMAIS
Endereço da Cessionária: Rua João Augusto Cirelli, nº 274 - Tamanduá - Descalvado - SP
Natureza do Documento: Contrato de 18/07/2013 e Alteração de Contrato em 04/09/2013
Objeto: FT- Fabricação de diversos tipos de ração para animais
Moeda de Pagamento: EURO
Valor: 4% (quatro por cento) sobre o preço líquido de venda dos produtos contratuais
Prazo: 5 (cinco) anos a partir de 16/12/2013
Responsável pelo pagamento do Imposto de Renda: Cessionária

Processo: 130930 **350**
Com Última Informação de: 13/12/2013
Certificado de Averbação: 130930/02
Cedente: FUJI ELECTRIC CO, LTD
País da Cedente: JAPÃO
Cessionária: DOW BRASIL S/A
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE PRODUTOS QUÍMICOS ORGÂNICOS
Endereço da Cessionária: Rodovia Matoim s/nº Rótola 3 - Zip 1 - Candeias - BA
Natureza do Documento: Fatura nº EM 8131-A0-C1 de 18/03/2013
Objeto: SAT - Serviço de comissionamento do Transformador do Retificador - Alteração do item "Cessionária" (endereço)
Moeda de Pagamento: IEN JAPONES
Forma de Pagamento: Taxa/dia de JPY 140.000;
Taxas/hora de JPY 11.200 e JPY 21.000
Prazo: De 11/09/2012 até 08/10/2012
Responsável pelo pagamento do Imposto de Renda: Cessionária

Processo: 130939 **350**
Com Última Informação de: 12/12/2013
Certificado de Averbação: 130939/01
Cedente: MARUBENI CORPORATION
País da Cedente: JAPÃO
Cessionária: COMPANHIA SIDERÚRGICA NACIONAL
País da Cessionária: BRASIL
Setor: PRODUÇÃO DE LAMINADOS PLANOS DE AÇO
Endereço da Cessionária: Rodovia BR 393 - Lucio Meira - Km 5.001 - s/nº - Vila Santa Cecília - Volta Redonda - RJ
Natureza do Documento: Fatura Nº 3BH02190 de 08/10/2013
Objeto: SAT - Serviços de supervisão de montagem, construção, testes de desempenho, start up e primeira operação do equipamento TRT - Turbina de Recuperação de Energia dos Gases de Topo do AF#3, localizado na Usina Presidente Vargas - UPV, em Volta Redonda/RJ
Moeda de Pagamento: IEN JAPONES
Valor: JPY 81.400.000
Forma de Pagamento: Taxa/dia de JPY 162.475
Prazo: De 09/10/2009 até 30/06/2014
Responsável pelo pagamento do Imposto de Renda: Cessionária

Processo: 130973 **350**
Com Última Informação de: 06/11/2013
Certificado de Averbação: 130973/01
Cedente: MARCUS AUGUSTO RIGO
País da Cedente: BRASIL
Cessionária: ROMETAL COMPONENTES PARA MÓVEIS LTDA
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE PRODUTOS DIVERSOS DE METAL
Endereço da Cessionária: Estrada RSC 470 km 176+100, nº 2650 - Centro - Veranópolis - RS
Natureza do Documento: Contrato de 02/09/2013
Objeto: EP - Licença exclusiva de exploração da patente PI 0702425-8, intitulada "Disposição Construtiva Aplicada em Roldana para Portas de Correr"
Valor: "NIHIL"
Prazo: De 13/09/2013 até 17/08/2027
Responsável pelo pagamento do Imposto de Renda: Cedente

Processo: 130988 **350**
Com Última Informação de: 13/11/2013
Certificado de Averbação: 130988/01
Cedente: TENARIS CONNECTIONS B.V.
País da Cedente: HOLANDA
Cessionária: CONFAB INDUSTRIAL S/A
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE TUBOS DE AÇO COM COSTURA
Endereço da Cessionária: Av. Gastão Vidigal Neto, 475 - Cidade Nova - Pindamonhangaba - SP
Natureza do Documento: Contrato de 21/04/2013
Objeto: UM - Licença não exclusiva de uso das marcas relacionadas no item "Prazo"
Moeda de Pagamento: DOLAR DOS ESTADOS UNIDOS
Valor: 1% (um por cento) do valor líquido das vendas
Forma de Pagamento: Mensal
Prazo: De 11/11/2013 até 21/04/2016 para os Registros nºs 823909468, 823909409 e 823661202
Responsável pelo pagamento do Imposto de Renda: Cessionária

Processo: 130999 **350**
Com Última Informação de: 14/11/2013
Certificado de Averbação: 130999/01
Cedente: FOCKE & CO (GMBH & CO.KG)
País da Cedente: ALEMANHA
Cessionária: SOUZA CRUZ S/A
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE PRODUTOS DO FUMO
Endereço da Cessionária: Av. José Andaus Gassani, 5464 - Distrito Industrial - Uberlandia - MG
Natureza do Documento: Fatura n°130292 de 30/08/2013
Objeto: SAT - Serviço para Instalação da Máquina Focke Modelo 407S
Moeda de Pagamento: EURO
Valor: € 23.793,02
Forma de Pagamento: Taxa /hora variando de € 115,52 até € 173,25
Prazo: De 29/08/2013 até 13/09/2013
Responsável pelo pagamento do Imposto de Renda: Cessionária
Serviços/Despesas Isentas de Averbação: € 16.206,98 - Diárias dos técnicos, passagens, hotel

Processo: 131014 **350**
Com Última Informação de: 19/11/2013
Certificado de Averbação: 131014/01
Cedente: FIVES STEIN SA
País da Cedente: FRANÇA
Cessionária: APERAM INOX AMERICA DO SUL S.A.
País da Cessionária: BRASIL
Setor: PRODUÇÃO DE LAMINADOS PLANOS DE AÇO

Endereço da Cessionária: Praça 1º de Maio nº 9 - Centro - Timóteo - MG
Natureza do Documento: Contrato nº 4600018008 de 29/07/2013
Objeto: SAT - Serviços relativos ao estudo técnico de engenharia, designado para avaliar a possibilidade de se implementar uma zona de nitretação para a Linha de Descarbonetação nº1(DC1)
Moeda de Pagamento: EURO
Valor: Até € 105.000,00
Forma de Pagamento: Taxa/hora de € 97,22
Prazo: De 08/07/2013 até 08/11/2013
Responsável pelo pagamento do Imposto de Renda: Cessionária

Processo: 131022 **350**
Com Última Informação de: 22/11/2013
Certificado de Averbação: 131022/01
Cedente: NASA INVESTIMENTOS, PARTICIPAÇÕES E GESTÃO DE ATIVOS LTDA.
País da Cedente: BRASIL
Cessionária: BELLAVANA INDÚSTRIA, COMÉRCIO, IMPORTAÇÃO, EXPORTAÇÃO DE TABACOS LTDA
País da Cessionária: BRASIL
Setor: FABRICAÇÃO DE PRODUTOS DO FUMO
Endereço da Cessionária: Rua Osasco, 1169 - Centro Empresarial 3 - Cajamar - SP
Natureza do Documento: Contrato de 06/11/2013
Objeto: UM - Licença não exclusiva para os Pedidos de Registro de nºs: 903745020; 904082415; 904082466; 905146271; 905146336; 906345057; 906345146; 906345227; 906489440 e 906489482
Valor: "NIHIL"
Prazo: De 18/11/2013 até a expedição dos Certificados de Registro para os Pedidos de Registro, desde que não ultrapasse 26/06/2015
Responsável pelo pagamento do Imposto de Renda: Não se Aplica

Processo: 131041 **350**
Com Última Informação de: 29/11/2013
Certificado de Averbação: 131041/01
Cedente: BURGER KING CORPORATION
País da Cedente: ESTADOS UNIDOS
Cessionária: GOOD FOOD COMÉRCIO DE ALIMENTOS S/A
País da Cessionária: BRASIL
Setor: LANCHONETES E SIMILARES
Endereço da Cessionária: Rua Brigadeiro Franco, 2300 - loja 426 - piso l4, slj - Centro - Curitiba - PR
Natureza do Documento: Contrato de 15/10/2013
Objeto: FRA - Desenvolvimento e operação de restaurantes de serviço rápido sob o
sistema "Burger King", localizado na Rua XV de Novembro, 24/26/18, Curitiba,
Paraná, Brasil, e o uso relacionado dos registros nºs 830305297, 820260380, 820260398, 830305254, 901709913, 830350209, 830350217, 828723702, 816049246, 816049289, 818747870, 821508458, 821508466, 830527796, 007177291, 800161912, 007555911, 200066951, 811870294, 815951809, 815951817, 815951825, 816049270, 818747889, 818747897, 818747862, 830305246, 826839371, 006987249, 818747935, 818747706, 820105236, 819648426, 811702707, 816049262, 818747919, 818747927, 829487719 e 829473580 e dos pedidos de registro nºs 901709921, 830841865, 830841903, 830841881, 903364956, 830305270, 830841890, 830841911 e 830841920
Moeda de Pagamento: DOLAR DOS ESTADOS UNIDOS
Valor: Taxa Inicial de Franquia: USD 50.000,00
Royalties: 4,5% (quatro e meio por cento) sobre vendas brutas
Forma de Pagamento: Mensal
Prazo: De 26/11/2013 até 04/12/2022
Responsável pelo pagamento do Imposto de Renda: Cedente
Serviços/Despesas Isentas de Averbação: Contribuição de publicidade: 5% (cinco por cento) sobre vendas brutas, em reais;
Taxa de serviço: 0,5% (meio por cento) sobre vendas brutas, em reais;
Taxa de transferência: USD 10.000,00, e USD 500,00 para cada restaurante adicional que seja parte da mesma transação

Diretoria de Contratos, Indicações Geográficas e Registros - DICIG
Despachos Relativos a Pedidos e Registros de Programas de Computador (RS)

RPI 2243 de 31/12/2013

090
DEFERIMENTO DE PEDIDO DE REGISTRO DE PROGRAMA DE COMPUTADOR

Processo: 07754-2 **090**
Título: SPPKARD
Titular: OMNIA SISTEMAS LTDA
Criador: ANTONIO JORGE DE CASTRO BUENO; FRANCISCO FERNANDO GORI MAIS; MAURO CORTINES LAXE
Linguagem: CICS; COBOL II; VSAM
Campo de Aplicação: FN-03
Tipo de Programa: AP-01
Data da Criação: 10/05/2005
Regime de Guarda: SIGILO ATÉ 10/11/2016
Procurador: REGINA GARGIULO NEVES DA SILVA

Processo: 11459-4 **090**
Título: WEBTB - CONTROLE E ACOMPANHAMENTO DE PACIENTES COM TUBERCULOSE
Titular: INTEGRO CONSULTORES ASSOCIADOS LTDA
Criador: ELIAS MOREIRA C. JUNIOR; OSCAR MAKOTO VIEIRA HASHIMOTO; PAULO CÉSAR MACHADO JEVEAUX; WASHINGTON BOTELHO DOS SANTOS
Linguagem: JAVA
Campo de Aplicação: SD-03; SD-06
Tipo de Programa: AP-01
Data da Criação: 03/06/2009
Regime de Guarda: Sem sigilo
Procurador: FLAVIA SANGIORGI DALLA BERNARDINA

Processo: 11489-6 **090**
Título: ADUBAPASTO
Titular: EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA
Criador: ALBERTO CARLOS DE CAMPOS BERNARDI; MARINA MARIA DE MATOS; PATRICIA PERONDI ANCHÃO OLIVEIRA; ROBSON RODRIGUES SANTIAGO; ROSELITO FÁVERO DA SILVA
Linguagem: PYTHON
Campo de Aplicação: AG-02; AG-07
Tipo de Programa: AP-01; GI-04; GI-06; IA-02; TC-01
Data da Criação: 01/09/2010
Regime de Guarda: SIGILO ATÉ 31/12/2020
Procurador: CHANG DAS ESTRELAS WILCHES

Processo: 14280-2 **090**
Título: SMART
Titular: ANDRE LUIZ JAMARINO ABEKAWA; GIOVANA ANGÉLICA ROS MIOLA
Criador: ANDRE LUIZ JAMARINO ABEKAWA; GIOVANA ANGÉLICA ROS MIOLA
Linguagem: JASPER; JAVA
Campo de Aplicação: AD-02
Tipo de Programa: GI-01
Data da Criação: 02/12/2011
Regime de Guarda: SIGILO ATÉ 12/06/2022
Procurador: Não informado ou inexistente

Processo: BR 51 2013 000143-9 **090**
Título: SISTEMA DE INFORMAÇÃO, COMUNICAÇÃO E TREINAMENTO
Titular: GIUSEPPE MOSELLO
Criador: GIUSEPPE MOSELLO
Linguagem: HTML; JAVASCRIPT; PHP
Campo de Aplicação: AD-01; ED-04; ED-06; IF-03; TB-02
Tipo de Programa: AV-01; FA-01; GI-01; SO-04; TI-01
Data da Criação: 02/10/2006
Regime de Guarda: SIGILO ATÉ 19/02/2023
Procurador: AMANDA TONIAL RESENDE

Processo: BR 51 2013 000209-5 **090**
Título: CYBERMED 3.0
Titular: UNIVERSIDADE FEDERAL DA PARAÍBA
Criador: ANTÔNIO CASTELO FILHO; DANIEL FAUSTINO LACERDA DE SOUZA; ICARO LINS LEITÃO DA CUNHA; IVES FERNANDO MARTINS SANTOS DE MOURA; JOSÉ TAUNAÍ DANTAS SEGUNDO; LILIANE DOS SANTOS MACHADO; MARIO AUGSUTO DE SOUZA LIZIER; PAULO VINICIUS DE FARIAS PAIVA; RONEI MARCOS DE MORAES; RUBENS GODOFREDO SOARES CORREIA; THIAGO VINÍCIUS VIEIRA BATISTA
Linguagem: C++; OPENGL
Campo de Aplicação: CO-02; ED-04; IF-10; SD-01; SD-08
Tipo de Programa: DS-01; DS-02; DS-04; DS-05; FA-04
Data da Criação: 20/08/2012
Regime de Guarda: SIGILO ATÉ 28/02/2023
Procurador: Não informado ou inexistente

Processo: BR 51 2013 000226-5 **090**
Título: BABEL - SISTEMA DE TRADUÇÃO BASEADO EM REALIDADE AUMENTADA
Titular: MÁRCIO CARNEIRO DOS SANTOS
Criador: MÁRCIO CARNEIRO DOS SANTOS
Linguagem: C; PHP; PYTHON
Campo de Aplicação: AD-10; AN-07; CO-04; IF-10; SV-01
Tipo de Programa: AP-01; GI-01; IA-03; SO-04; TC-03
Data da Criação: 01/12/2012
Regime de Guarda: SIGILO ATÉ 07/03/2023
Procurador: Não informado ou inexistente

Processo: BR 51 2013 000227-3 **090**
Título: SOCIAL TRACKER - SOLUÇÃO PARA MINERAÇÃO DE DADO SOCIAIS
Titular: MÁRCIO CARNEIRO DOS SANTOS
Criador: MÁRCIO CARNEIRO DOS SANTOS
Linguagem: C; PHP; PYTHON
Campo de Aplicação: AD-10; AN-07; CO-04; IF-10; SV-01
Tipo de Programa: AP-01; GI-01; IA-03; SO-04; TC-03
Data da Criação: 01/12/2012
Regime de Guarda: SIGILO ATÉ 07/03/2023
Procurador: Não informado ou inexistente

Processo: BR 51 2013 000228-1 **090**
Título: ZEN SD - SOLUÇÃO WEB DE SISTEMA DE SINALIZAÇÃO DIGITAL
Titular: MÁRCIO CARNEIRO DOS SANTOS
Criador: MÁRCIO CARNEIRO DOS SANTOS
Linguagem: MYSQL; PHP; PYTHON
Campo de Aplicação: AD-10; AN-07; SV-01
Tipo de Programa: AP-01; GI-01; IA-03; SO-04; TC-03
Data da Criação: 19/02/2011
Regime de Guarda: SIGILO ATÉ 07/03/2023
Procurador: Não informado ou inexistente

Processo: BR 51 2013 000229-0 **090**
Título: ZWN ADM - SOLUÇÃO WEB DE GERENCIAMENTO DE PRODUTORAS DE VÍDEO
Titular: MÁRCIO CARNEIRO DOS SANTOS
Criador: MÁRCIO CARNEIRO DOS SANTOS
Linguagem: MYSQL; PHP; PYTHON
Campo de Aplicação: AD-10; AN-07; CO-04; IF-10; SV-01
Tipo de Programa: AP-01; GI-01; IA-03; SO-04; TC-03
Data da Criação: 19/02/2011
Regime de Guarda: SIGILO ATÉ 07/03/2023
Procurador: Não informado ou inexistente

Processo: BR 51 2013 000230-3 **090**
Título: QUALIREDE
Titular: QUALIREDE CONSULTORIA EMPRESARIAL LTDA
Criador: DIEGO ARMANDO GUSAVA; EDUARDO VITOR BISS; IRENE MINIKOVSKI HAHN; JOSÉ ALBERTO ZIMERMANN
Linguagem: JAVA WEB
Campo de Aplicação: AD-05; IF-01; SD-01; SD-02; SD-07
Tipo de Programa: AP-01; AP-02; AP-03; AP-04
Data da Criação: 01/04/2011
Regime de Guarda: SIGILO ATÉ 18/03/2023
Procurador: ELAINE LAU DA SILVA PEREIRA

Processo: BR 51 2013 000237-0 **090**
Título: SISTEMA DE SIMULAÇÃO DE COMPUTAÇÃO QUÂNTICA
Titular: LUCIANO FRONTINO DE MEDEIROS
Criador: LUCIANO FRONTINO DE MEDEIROS
Linguagem: DELPHI
Campo de Aplicação: FQ-08; MT-02
Tipo de Programa: SM-01
Data da Criação: 10/01/2009
Regime de Guarda: SIGILO ATÉ 21/03/2023
Procurador: LUCIANO FRONTINO DE MEDEIROS

Processo: BR 51 2013 000249-4 **090**
Título: SOFTWARE DE MONITORAMENTO, COMANDO E CONTROLE REMOTO AVANCADO DE BLOQUEIO PRISIONAL INTELIGENTE E SISTEMAS INTEGRADOS
Titular: POLSEG COMERCIAL ELETRO ELETRÔNICOS LTDA ME
Criador: RENATO WERNER VICTOR DE QUEIROZ
Linguagem: DELPHI; MYSQL
Campo de Aplicação: AD-09; GC-08; IF-07; SV-01; TC-02
Tipo de Programa: AT-05; IA-02; IT-02; SO-06
Data da Criação: 01/06/2011
Regime de Guarda: SIGILO ATÉ 25/03/2023
Procurador: JOÃO DE PAULA FERREIRA

Processo: BR 51 2013 000255-9 **090**
Título: USB LOCKER FILES
Titular: SYNMATEC INFORMATICA LTDA ME
Criador: MARCELO RICCI UVINHA
Linguagem: .BAT
Campo de Aplicação: AD-05; IF-04
Tipo de Programa: AP-01
Data da Criação: 10/01/2013
Regime de Guarda: SIGILO ATÉ 26/03/2023
Procurador: A PROVINCIA MARCAS E PATENTES LTDA

Processo: BR 51 2013 000509-4 **090**
Título: BUSINESS MANAGEMENT
Titular: TECTRAIN CONSULTORIA LTDA.
Criador: ALEXANDRE GUTIERRES; FRANCISCO DE ASSIS THOME; GABRIEL HIDEQUI ERBANO; MARCOS PIELLUSCH
Linguagem: C#(C SHARP)
Campo de Aplicação: ED-06
Tipo de Programa: SM-02
Data da Criação: 01/01/2007
Regime de Guarda: SIGILO ATÉ 17/05/2023
Procurador: VANESSA DE FREITAS GAETA

112
DECISÃO ANULADA

Processo: 14280-2 **112**
Título: SMART
Titular: ANDRE LUIZ JAMARINO ABEKAWA; GIOVANA ANGÉLICA ROS MIOLA
Criador: ANDRE LUIZ JAMARINO ABEKAWA; GIOVANA ANGÉLICA ROS MIOLA
Linguagem: JASPER; JAVA
Campo de Aplicação: AD-02
Tipo de Programa: GI-01
Data da Criação: 02/12/2011
Regime de Guarda: Sem sigilo
Procurador: Não informado ou inexistente
DECISÃO ANULADA POR ERRO MATERIAL, EM VISTA DO SISTEMA NÃO TER PROCESSADO O DEFERIMENTO.

120
CONCESSÃO DO REGISTRO

Processo: 03106-3 **120**
Título: BICHOTECA
Titular: JAIR ALCÂNTARA VIEIRA
Criador: CARLOS MIATA; JAIR ALCÂNTARA VIEIRA; PEDRO FROSI ROSA
Linguagem: C; VISUAL BASIC
Campo de Aplicação: FN-05
Tipo de Programa: AT-01
Data da Criação: 17/12/1996
Regime de Guarda: SIGILO ATÉ 05/05/2010
Procurador: CIDWAN UBERLÂNDIA S/C LTDA.

Processo: 06573-0 **120**
Título: CARTÃO DE SAÚDE DO TRABALHADOR
Titular: SERVIÇO SOCIAL DA INDÚSTRIA
Criador: ADRIANA HERNANDEZ DE ALMEIDA; ALAM GEORGE MARTINS BRAGA; CARLA MEDEIROS GOMES
Linguagem: SQL - SERVER; VISUAL BASIC
Campo de Aplicação: SD-01; SD-07; SD-08
Tipo de Programa: AT-02
Data da Criação: 02/01/2000
Regime de Guarda: SIGILO ATÉ 03/02/2015
Procurador: Não informado ou inexistente

Processo: 08004-6 **120**
Título: QUALISOLO
Titular: EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA
Criador: ÁLVARO MACEDO DA SILVA; CARLOS MANUEL PEDRO VAZ; JOÃO DE MENDONÇA NAIME; VIVIEN TAMMY SHINYA
Linguagem: C++
Campo de Aplicação: AG-01; AG-02; PD-01; PD-02
Tipo de Programa: FA-01; FA-04; TC-01
Data da Criação: 30/06/2005
Regime de Guarda: SIGILO ATÉ 09/03/2017
Procurador: CHANG DAS ESTRELAS WILCHES

Processo: 08807-2 **120**
Título: SIG - VERSÃO 4.0
Titular: EMBRYO WEB SOLUTIONS LTDA - ME
Criador: ADEMIR HINOKUMA; MARCELO ALCANTARA FONSECA
Linguagem: BORLAND DELPHI 5
Campo de Aplicação: AD-01; AD-10; CO-04; IF-07; IF-10; TC-01; TC-02; TC-03; TC-04
Tipo de Programa: AP-01; AP-02; AP-03; AT-01; AT-03
Data da Criação: 02/01/2008
Regime de Guarda: SIGILO ATÉ 18/04/2018
Procurador: RACHEL LUCIANA ALTMAN

Processo: 08813-4 **120**
Título: SISTLOGIC MVL
Titular: UNIVERSIDADE ESTADUAL DE LONDRINA
Criador: MARCO AURÉLIO SELUQUE FREGONEZI; TANIA HITOMI HISATSUGU
Linguagem: C++
Campo de Aplicação: IN-03
Tipo de Programa: AP-01; FA-01
Data da Criação: 01/03/2007
Regime de Guarda: SIGILO ATÉ 28/04/2018
Procurador: MARINETE VIOLIN

Processo: 08907-6 **120**
Título: MEDLING
Titular: FUNDAÇÃO CENTRO TECNOLÓGICO DE MINAS GERAIS - CETEC
Criador: MÁRCIO FACÃO SANTOS BARROSO
Linguagem: MATLAB
Campo de Aplicação: BL-08
Tipo de Programa: IT-02
Data da Criação: 05/03/2008
Regime de Guarda: SIGILO ATÉ 23/06/2018
Procurador: Não informado ou inexistente

Processo: 08940-4 **120**
Título: FURO QUADRADO
Titular: ANTÔNIO CÉSAR DA COSTA BARROS
Criador: ANTÔNIO CÉSAR DA COSTA BARROS
Linguagem: MAPLE
Campo de Aplicação: CC-01; CC-02; CC-05; IN-03
Tipo de Programa: AT-05; AT-07; DS-04; SM-01
Data da Criação: 02/05/2008
Regime de Guarda: SEM SIGILO ATÉ 04/07/2018
Procurador: VILAGE MARCAS & PATENTES S/S LTDA

Processo: 08954-1 **120**
Título: SISTEMA DE CONTROLE DE DESFIBRILADOR BIFÁSICO
Titular: INSTRAMED INDÚSTRIA MÉDICO HOSPITALAR LTDA
Criador: DIOGO SCOLARI; EDUARDO MARCKMANN; ISMAEL VITOR SCHEFFLER; JEFFERSON CARDOSO DO ROSARIO; JONAS GIESTA; MARTIN ANTONIO BEHRENS; MAXIMILIANO RIBEIRO CORREA
Linguagem: C
Campo de Aplicação: SD-06; SD-09
Tipo de Programa: DS-05; IT-01; IT-02; IT-03; IT-04
Data da Criação: 06/10/2006
Regime de Guarda: SIGILO ATÉ 23/07/2018
Procurador: GUERRA ADVOGADOS ASSOCIADOS

Processo: 09123-5 **120**
Título: GESTÃO DE ESCALAS DE TRABALHO
Titular: TLANTIC SISTEMA DE INFORMAÇÃO LTDA
Criador: JOSÉ MANUEL BAETA TOMÁS; MAURÍCIO GASPAROTE; PATRÍCIA BORGES FERNANDES; REGINALDO SALVATO BACK
Linguagem: ORACLE
Campo de Aplicação: OO-00
Tipo de Programa: Um ou mais códigos informados incorretamente
Data da Criação: 01/06/2005
Regime de Guarda: SIGILO ATÉ 01/09/2018
Procurador: LETICIA BALEN ZEREU BATISTELA

Processo: 09124-0 **120**
Título: PORTAL MOVEL
Titular: TLANTIC SISTEMA DE INFORMAÇÃO LTDA
Criador: JOSÉ MANUEL BAETA TOMÁS; PATRÍCIA BORGES FERNANDES; REGINALDO SALVATO BACK
Linguagem: C#.NET
Campo de Aplicação: SV-03
Tipo de Programa: AP-03; AT-03
Data da Criação: 01/05/2007
Regime de Guarda: SIGILO ATÉ 01/09/2018
Procurador: LETICIA BALEN ZEREU BATISTELA

Processo: 09167-4 **120**
Título: SIMULAÇÃO DE TOMOGRAFIA COMPUTADORIZADA DE RAIOS X
Titular: CENTRO BRASILEIRO DE PESQUISA FÍSICA
Criador: LUÍS FERNANDO DE OLIVEIRA; MARCELO PORTES DE ALBUQUERQUE; MAURICIO QUELHAS ANTOLIN
Linguagem: CHARM++
Campo de Aplicação: FQ-01; FQ-03; FQ-11
Tipo de Programa: SM-01; TC-04
Data da Criação: 01/08/2008
Regime de Guarda: SIGILO ATÉ 26/09/2018
Procurador: ATEM & REMER ASSESSORIA E CONSULTORIA DE PROPRIEDADE INTELECTUAL LTDA

Processo: 09242-6 **120**
Título: CONTADOR DE PESSOAS - SICOM COUNTING
Titular: EMPRESA 1- SISTEMAS DE AUTOMAÇÃO E COMÉRCIO LTDA
Criador: BRUNO BECHLER MACHADO
Linguagem: C; C++
Campo de Aplicação: TP-03
Tipo de Programa: IA-01; TC-03
Data da Criação: 01/08/2008
Regime de Guarda: SIGILO ATÉ 13/10/2018
Procurador: LANCASTER COMERCIAL MARCAS E PATENTES

Processo: 09418-3 **120**
Título: SISTEMA DE GERENCIAMENTO DE COMUNICAÇÃO ENTRE DETECTOR DE VAZAMENTOS EM OLEODUTOS E UM AQUISITOR DE DADOS DIGITAL
Titular: PETRÓLEO BRASILEIRO S.A. - PETROBRAS
Criador: MARCELO CINTRA BITENCOURT; PAULO SALGADO MACHADO COELHO
Linguagem: C; C++
Campo de Aplicação: IN-02; IN-03
Tipo de Programa: AT-05; TI-03
Data da Criação: 01/02/2007
Regime de Guarda: SIGILO ATÉ 23/01/2019
Procurador: RICHARD DE MARCO NUNES

Processo: 09516-3 **120**
Título: SISTEMA DE ENVIO DE INFORMAÇÃO FISCAL - SIEF
Titular: CONTATO SOCIEDADE DE NEGÓCIOS E PRESTAÇÃO DE SERVIÇOS
Criador: ALBERTINO EDUARDO GALVÃO DE ARAÚJO
Linguagem: J2ME; JAVA; JME
Campo de Aplicação: IF-02; IF-07; IF-10
Tipo de Programa: AT-01; CD-01; TI-01; TI-03
Data da Criação: 01/03/2007
Regime de Guarda: SIGILO ATÉ 10/03/2019
Procurador: WETTOR - BUREAU DE APOIO EMPRESARIAL S/S LTDA.

Processo: 09619-6 **120**
Título: SOFTWARE PARA O CONTROLE E AVALIAÇÃO DE LEGISLAÇÃO CAL
Titular: IUS NATURAL LDTA
Criador: MARCIO YOUJI OYA
Linguagem: ASP; DOT NET
Campo de Aplicação: AD-01; AD-02
Tipo de Programa: SO-01; SO-05
Data da Criação: 01/07/2006
Regime de Guarda: SIGILO ATÉ 17/04/2019
Procurador: PRÓPRIA MARCAS E PATENTES LTDA

Processo: 09694-6 **120**
Título: DATASUL EMS2 MANUFATURA
Titular: DATASUL S/A
Criador: EDIMILSON CÔRREA
Linguagem: PROGRESS
Campo de Aplicação: IN-01; IN-02; IN-03; IN-04; IN-05
Tipo de Programa: AP-01; AP-02; AT-06; IA-02; LG-08
Data da Criação: 01/07/1997
Regime de Guarda: SIGILO ATÉ 29/05/2019
Procurador: BENTA SOUSA TAVARES SILVA

Processo: 09695-1 **120**
Título: DATASUL SAÚDE E SEGURANÇA DO TRABALHO
Titular: DATASUL S/A
Criador: EDIMILSON CÔRREA
Linguagem: DELPHI
Campo de Aplicação: IF-01; SD-07; SD-08
Tipo de Programa: AP-01
Data da Criação: 15/01/1997
Regime de Guarda: SIGILO ATÉ 29/05/2019
Procurador: BENTA SOUSA TAVARES SILVA

Processo: 09781-1 **120**
Título: SOFTWARE MAESTRO
Titular: IMPLY TECNOLOGIA ELETRONICA LTDA
Criador: FABIANO HORN
Linguagem: DELPHI
Campo de Aplicação: AD-01; IF-10
Tipo de Programa: AP-03; AT-03; PD-05
Data da Criação: 19/12/2005
Regime de Guarda: SIGILO ATÉ 29/06/2019
Procurador: RENATO HAHN

Processo: 09865-0 **120**
Título: PROTHEUS 10
Titular: TOTVS S/A
Criador: WILSON DE GODOY SOARES JUNIOR
Linguagem: ADVPL
Campo de Aplicação: AD-01; AD-05
Tipo de Programa: AT-03; CD-01; DS-05; GI-04; SO-07
Data da Criação: 01/07/2009
Regime de Guarda: SIGILO ATÉ 10/08/2009
Procurador: FLAVIA CRISTINA GROTTA

Processo: 10147-1 **120**
Título: K I C - KEES INTERFACE CONTROL
Titular: KEES INFORMÁTICA LTDA
Criador: SÉRGIO ROBERTO PIMENTA CAMACHO
Linguagem: BANCO DE DADOS; MYSQL; PHP; PYTHON; SCRIPT; SHELL; XHTML

Campo de Aplicação: IF-07; IF-09; TC-01; TC-04
Tipo de Programa: CD-06; PD-01; PD-05; SO-05; SO-08
Data da Criação: 05/08/2008
Regime de Guarda: SIGILO ATÉ 27/10/2019
Procurador: VILAGE MARCAS & PATENTES S/S LTDA

Processo: 10341-4 **120**
Título: AVALIANDO
Titular: KELLER PAULO NICOLINI; LEANDRO FILIPE
Criador: KELLER PAULO NICOLINI; LEANDRO FILIPE
Linguagem: JAVA; NETDEANS
Campo de Aplicação: ED-03; ED-04; ED-06; IF-02; TB-01
Tipo de Programa: AP-01; CD-01; GI-04; SO-02; SO-04
Data da Criação: 25/09/2009
Regime de Guarda: SIGILO ATÉ 29/12/2019
Procurador: EVERTON LUIS ROSSIN

Processo: 10399-0 **120**
Título: KDBBUSCA_PL
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10400-1 **120**
Título: DEFDB_ORG
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10401-3 **120**
Título: DEFDB_FASTA
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10402-5 **120**
Título: PHYBUSCA
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10403-0 **120**
Título: KDBBUSCA
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10404-2 **120**
Título: INSERT_PL_RESAA
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10405-4 **120**
Título: UNIBUSCA_PL
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10406-6 **120**
Título: UNIBUSCA
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA CRISTINA BARACAT PEREIRA; RUBENS DANIEL MISERANI MAGALHÃES
Linguagem: PHP; SQL
Campo de Aplicação: AG-08; BL-07; SD-09; SD-10
Tipo de Programa: GI-01
Data da Criação: 26/07/2009
Regime de Guarda: SIGILO ATÉ 04/02/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10447-6 **120**
Título: SICAT
Titular: FERNANDO ANTÔNIO MAYA FERREIRA; JOSÉ MANUEL DE ABREU PITA POMBO
Criador: JOSE LUIS SANTOS FORTES; RALPH MÖLLER CABRAL SILVA; ROGERIO MORAES MARTINS DE OLIVEIRA; WELLINGTON PARADELAS FEITOSA
Linguagem: AJAX; C##; CSS; HTML; JAVASCRIPT; MICROSOFT; MICROSOFT.NET; VB.NET; VISUAL BASIC 6.0
Campo de Aplicação: AD-01
Tipo de Programa: AP-01; AT-06
Data da Criação: 20/05/2008
Regime de Guarda: SIGILO ATÉ 12/02/2020
Procurador: DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA

Processo: 10519-5 **120**
Título: GATEWAY
Titular: PEOPLEWAY SOLUÇÕES EM TECNOLOGIA LTDA.
Criador: RICHARD DE SOUSA FERRARESI
Linguagem: JAVA JEE
Campo de Aplicação: EC-13; GL-01; Um ou mais códigos informados incorretamente
Tipo de Programa: TC-01
Data da Criação: 01/07/2006
Regime de Guarda: SIGILO ATÉ 17/03/2020
Procurador: DAVID NILTON PEREIRA DE LUCENA

Processo: 10560-2 **120**
Título: CLEANUP. 1 - SISTEMA MULTIMÍDIA PARA CAPACITAÇÃO TECNOLÓGICA EM PROCEDIMENTOS DE HIGIENE EM UNIDADES DE ALIMENTAÇÃO
Titular: UNIVERSIDADE FEDERAL DE VIÇOSA
Criador: MARIA APARECIDA ANTUNES; NÉLIO JOSÉ DE ANDRADE
Linguagem: ACTIONSCRIPT; DBISAN; ELEVATE SOFTWARE; HTML; OBJECT PASCAL
Campo de Aplicação: AD-06; ED-04; IN-05; SV-01
Tipo de Programa: FA-01
Data da Criação: 02/07/2003
Regime de Guarda: SIGILO ATÉ 19/03/2020
Procurador: PAULO AUGUSTO MALTA MOREIRA

Processo: 10671-4 **120**
Título: POWERSHEETS
Titular: TLANTIC SISTEMA DE INFORMAÇÃO LTDA
Criador: JOSÉ MANUEL BAETA TOMÁS; MAURÍCIO GASPAROTE; PATRÍCIA BORGES FERNANDES; REGINALDO SALVATO BACK
Linguagem: C#.NET; FRAMEWORK 3.5
Campo de Aplicação: IF-10
Tipo de Programa: FA-01
Data da Criação: 15/03/2009
Regime de Guarda: SIGILO ATÉ 04/05/2020
Procurador: MILTON LUCÍDIO LEÃO BARCELLOS

Processo: 10716-0 **120**
Título: SIMGPS - SIMULADOR DO GERADOR DE POLOS SALIENTES
Titular: UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ
Criador: ALINE KOCHOLIK; ANDRÉA LUCIA COSTA; JOSEMAR CARSTENS; MÁRCIA CLÁUDIA MASUR INCOTE
Linguagem: JAVA
Campo de Aplicação: ED-04; EN-04
Tipo de Programa: SM-01
Data da Criação: 17/11/2009
Regime de Guarda: SIGILO ATÉ 16/06/2020
Procurador: Não informado ou inexistente

Processo: 10916-1 **120**
Título: CFE - SISTEMA DE CONTROLE DO FUNDO DE EDUCAÇÃO
Titular: TOTALBANCO CONSULTORIA E SISTEMA LTDA
Criador: CARLOS ZEN; MARIA HELENA DAVILA GABBARDO
Linguagem: JAVA; PLSQL; POWER BUILDER
Campo de Aplicação: AD-04; FN-01
Tipo de Programa: AP-03
Data da Criação: 21/09/2009
Regime de Guarda: Sem sigilo
Procurador: Não informado ou inexistente

Processo: 10933-1 **120**
Título: RAPID PROTOTYPING PROCESS PLANNING - RP³
Titular: UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ
Criador: NERI VOLPATO
Linguagem: VISUAL C++
Campo de Aplicação: IN-02; IN-03
Tipo de Programa: AT-07; SM-04
Data da Criação: 01/02/2005
Regime de Guarda: SIGILO ATÉ 17/08/2020
Procurador: Não informado ou inexistente

Processo: 11085-3 **120**
Título: SISTEMA DE GERENCIAMENTO DE VASOS-SISTEMA DE GERENCIAMENTO NR-13
Titular: J MENEGASSI ENGENHARIA LTDA
Criador: MATHEUS BOER FERNANDES
Linguagem: PHP
Campo de Aplicação: AD-01; AD-06; DI-03; IF-10; IN-03; MA-03; SV-01; TB-01; TB-04
Tipo de Programa: AP-02; AP-04; GI-01; GI-03; GI-04
Data da Criação: 27/10/2007
Regime de Guarda: SIGILO ATÉ 01/10/2020
Procurador: MARPA CONSULTORIA & ASSESSORIA EMPRESARIAL LTDA.

Processo: 11262-6 **120**
Título: SIAP - SISTEMA INTEGRADO DE AVANÇO E PROGRAMAÇÃO
Titular: CLEILTON RODRIGO DE CASTRO
Criador: CLEILTON RODRIGO DE CASTRO
Linguagem: ASP; SQL SERVER; VISUAL BASIC
Campo de Aplicação: AD-06; AD-07; AD-08; CC-02; CC-03
Tipo de Programa: AT-06; CT-03; GI-01; SO-07
Data da Criação: 01/01/2002
Regime de Guarda: SIGILO ATÉ 26/11/2020
Procurador: INTERAÇÃO MARCAS E PATENTES S/C LTDA

Processo: 11695-2 **120**
Título: IMPACTOS-NANOTEC 1.0
Titular: EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA
Criador: KATIA REGINA EVARISTO DE JESUS HITZSCHKY
Linguagem: ACTION SCRIPT 3
Campo de Aplicação: AD-02; AG-01; EC-02; IN-02; MA-01
Tipo de Programa: AP-01; DS-04; FA-01; GI-01
Data da Criação: 01/02/2009
Regime de Guarda: SIGILO ATÉ 04/03/2021
Procurador: LUCIANA HARUMI MORIMOTO FIGUEIREDO

Processo: 11758-0 **120**
Título: OVADOR
Titular: UNIVERSIDADE FEDERAL DE SANTA CATARINA
Criador: ANA GRAZIELA ALVAREZ; GRACE T. MARCON DAL SASSO
Linguagem: ACTION SCRIPT 3; MYSQL; PHP
Campo de Aplicação: ED-04
Tipo de Programa: FA-01; IA-02; SM-01
Data da Criação: 01/09/2009
Regime de Guarda: SIGILO ATÉ 12/04/2021
Procurador: Não informado ou inexistente

Processo: 11769-5 **120**
Título: FASES DA LUA
Titular: UNIVERSIDADE FEDERAL DE SANTA CATARINA
Criador: DIOGO CHITOLINA; TATIANA DA SILVA

Linguagem: ADOBE FLASH; HTML; SWF
Campo de Aplicação: ED-01; ED-03; ED-04; ED-05; ED-06
Tipo de Programa: DS-04
Data da Criação: 16/12/2010
Regime de Guarda: SIGILO ATÉ 12/04/2021
Procurador: Não informado ou inexistente

Processo: 11782-4 **120**
Título: PROJENET GEOCLOUD
Titular: PROJENET PROJETOS E SISTEMAS DE INFORMÁTICA LTDA-EPP
Criador: RUBEM BARRETO SILVEIRA
Linguagem: ACTIONSCRIPT; C#; MXML
Campo de Aplicação: GC-04; GC-10; IF-06; IF-10
Tipo de Programa: AP-02; AP-03; DS-07; GI-01
Data da Criação: 10/05/2010
Regime de Guarda: SIGILO ATÉ 05/04/2021
Procurador: RICARDO BASSO - OAB/MT 12.739

Processo: 11875-4 **120**
Título: CYCLOPS CHPTOOL
Titular: UNIVERSIDADE FEDERAL DE SANTA CATARINA
Criador: ALDO VON WANGENHEIM; ANTONIO CARLOS SOBIERANSKI; EDUARDO CARGNIN FERREIRA; EROS COMUNELLO; GABRIELLA DI GIUNTA
Linguagem: C++
Campo de Aplicação: BL-06
Tipo de Programa: FA-01
Data da Criação: 31/08/2008
Regime de Guarda: SIGILO ATÉ 09/05/2021
Procurador: Não informado ou inexistente

Processo: 11935-3 **120**
Título: PLERES .NET GESTÃO CLINICA DIAGNOSTICO POR IMAGEM
Titular: DIGITALMED INOVAÇÕES EM SOFTWARE LTDA EPP
Criador: BRUNO MAZZIERO XAVIER; ELTON SCHIVEI COSTA; FELIPE DIEGO DOS SANTOS; FÉLIX VALMOR SCHULTZ; JEFFERSON ALVES NUNES SERGIO; RAFAEL ORTEGA CAMPANA; RENE FELIX CORREA; VICTOR JOSÉ BENTO
Linguagem: ASP.NET; C#; JAVASCRIPT
Campo de Aplicação: AD-05; AD-06; AD-08; IF-02; IF-04; SD-02
Tipo de Programa: AP-01; AP-02; AP-03; AT-01; AT-06; AV-01; AV-02; CD-01; GI-01; GI-04; GI-06; GI-07; GI-08; IA-02; TC-01; TC-03
Data da Criação: 14/04/2008
Regime de Guarda: SIGILO ATÉ 27/05/2021
Procurador: Não informado ou inexistente

Processo: 12093-0 **120**
Título: PERSONALITY INVENTORY - PV 1.0 (PORTUGUESE VERSION)
Titular: UNIVERSIDADE FEDERAL DE SERGIPE
Criador: DANIEL BASTOS MORAES; DANILO REINERT; MARIA AUGUSTA SILVEIRA NETTO NUNES
Linguagem: JAVA; MYSQL; PHP
Campo de Aplicação: CO-02; CO-03; PS-01; PS-02
Tipo de Programa: GI-04; TC-02
Data da Criação: 28/02/2011
Regime de Guarda: SIGILO ATÉ 21/07/2021
Procurador: Não informado ou inexistente

Processo: 12103-5 **120**
Título: CVFLOW
Titular: UNIVERSIDADE FEDERAL DE SANTA CATARINA
Criador: ALDO VON WANGENHEIM; ANTONIO CARLOS SOBIERANSKI; EROS COMUNELLO; MATHIAS HENRIQUE WEBER
Linguagem: JAVA; XML
Campo de Aplicação: IF-07
Tipo de Programa: DS-01; FA-01; TC-01; TC-03; TC-04
Data da Criação: 13/10/2011
Regime de Guarda: SIGILO ATÉ 27/07/2021
Procurador: Não informado ou inexistente

Processo: 12105-2 **120**
Título: GROUP RECOMMENDER 1.0
Titular: UNIVERSIDADE FEDERAL DE SERGIPE
Criador: DANIEL BASTOS MORAES; DANILO REINERT; MARIA AUGUSTA SILVEIRA NETTO NUNES
Linguagem: CSV; JAVA
Campo de Aplicação: CO-02; CO-03; PS-01; PS-02
Tipo de Programa: IA-01; IA-02
Data da Criação: 30/01/2010
Regime de Guarda: SIGILO ATÉ 19/07/2021
Procurador: Não informado ou inexistente

Processo: 12106-4 **120**
Título: PERSONALITY INVENTORY - FV1.0 (FRENCH VERSION)
Titular: UNIVERSIDADE FEDERAL DE SERGIPE
Criador: MARIA AUGUSTA SILVEIRA NETTO NUNES
Linguagem: JAVASCRIPT; MYSQL; PHP
Campo de Aplicação: CO-02; CO-03; PS-01; PS-02
Tipo de Programa: GI-04; TC-02
Data da Criação: 13/10/2011
Regime de Guarda: SIGILO ATÉ 19/07/2021
Procurador: Não informado ou inexistente

Processo: 12110-2 **120**
Título: CIRCUS
Titular: IMPLY TECNOLOGIA ELETRONICA LTDA
Criador: FABIANO HORN
Linguagem: PHP
Campo de Aplicação: IF-01
Tipo de Programa: CD-04; GI-01
Data da Criação: 22/09/2011
Regime de Guarda: SIGILO ATÉ 01/07/2021
Procurador: RENATO HAHN

Processo: 12113-1 **120**
Título: SGI
Titular: GUARIDA IMÓVEIS LTDA
Criador: VICTOR HUGO TALENTI SKRESBSKY
Linguagem: HTML; JAVASCRIPT; PHP
Campo de Aplicação: AD-05; SV-03
Tipo de Programa: GI-01; SO-07
Data da Criação: 27/09/2011
Regime de Guarda: SIGILO ATÉ 30/06/2021
Procurador: CLAUDIO JOSÉ MARTINS COSTA GONÇALVES

Processo: 12159-4 **120**
Título: SGPAC - SISTEMA DE GERENCIAMENTO DE PROTEÇÃO ANTI CORROSIVA
Titular: GEDEON RENÊ CÉZAR DE OLIVEIRA; J J INSPEÇÕES TÉCNICAS EM EQUIPAMENTOS INDUSTRIAIS LTDA
Criador: GEDEON RENÊ CÉZAR DE OLIVEIRA
Linguagem: BORLAND DELPHI
Campo de Aplicação: AD-01; AD-02; AD-05; AD-06; AD-08; AD-09; AD-11; AN-07; CC-03; CC-09; CO-02; CO-04; EC-01; FQ-04; IF-02; IF-04; IF-05; IF-09; IF-10; IN-01; MT-01; SV-01; TB-01
Tipo de Programa: AP-03; AP-04; AT-05; AT-06; CD-06; DS-05; DS-07; FA-04; GI-01; GI-02; GI-04; GI-05; GI-06; GI-07; LG-01; LG-02; LG-08; PD-01; PD-02; PD-03; PD-04; PD-05; SO-02; SO-05; SO-07
Data da Criação: 01/01/2010
Regime de Guarda: SIGILO ATÉ 19/08/2021
Procurador: BRASNORTE MARCAS E PATENTES LTDA.

Processo: 12466-6 **120**
Título: CONTREAL - CENTRAL DE CONTROLE DE TRÁFEGO EM TEMPO REAL
Titular: BRASCONTROL INDUSTRIA E COMÉRCIO LTDA; UNIVERSIDADE FEDERAL DE SANTA CATARINA
Criador: WERNER KRAUS JUNIOR
Linguagem: PHYTON
Campo de Aplicação: IF-10; TP-02; UB-04
Tipo de Programa: AT-01; CD-01
Data da Criação: 30/08/2009
Regime de Guarda: SIGILO ATÉ 13/10/2021
Procurador: Não informado ou inexistente

Processo: 12500-1 **120**
Título: ROTACERTA - GERENCIAMENTO DE ATENDIMENTO EM TRANSPORTE DE PASSAGEIROS
Titular: UNIVERSIDADE FEDERAL DE SERGIPE
Criador: CARLOS AUGUSTO DOS SANTOS; LUCAS AUGUSTO MONTALVÃO COSTA CARVALHO; MARIA AUGUSTA SILVEIRA NETTO NUNES; MURILO ALVES BEZERRA JUNIOR
Linguagem: JAVA
Campo de Aplicação: CO-02; CO-03; IF-07
Tipo de Programa: IA-01; TC-01
Data da Criação: 18/06/2011
Regime de Guarda: SIGILO ATÉ 21/10/2021
Procurador: Não informado ou inexistente

Processo: 12677-5 **120**
Título: LIRAJET
Titular: ANGELLIRA RASTREAMENTO SATELITAL LTDA
Criador: MARCIO LUIZ LIRA
Linguagem: JAVA
Campo de Aplicação: CO-04; SV-01; TC-02; TC-03; TC-04
Tipo de Programa: GI-01; SO-01; SO-02; SO-05; TI-03
Data da Criação: 20/09/2011
Regime de Guarda: SIGILO ATÉ 01/12/2021
Procurador: VITOR LUIZ RAMOS BATISTA

Processo: 12730-4 **120**
Título: GRAPH BASED WORD SENSE DISAMBIGUATION
Titular: UNIVERSIDADE FEDERAL DE SERGIPE
Criador: ÁVNER DE JESUS SANTOS PEREIRA; MARIA AUGUSTA SILVEIRA NETTO NUNES
Linguagem: JAVA
Campo de Aplicação: CO-03; CO-04
Tipo de Programa: TC-03
Data da Criação: 30/06/2011
Regime de Guarda: SIGILO ATÉ 22/12/2021
Procurador: Não informado ou inexistente

Processo: 12742-4 **120**
Título: SISTEMA DE DIAGNÓSTICO DE POLINEUROPATIA DIABÉTICA LTDA
Titular: MERCK S.A.
Criador: ERICO LIBONATI DE ABREU; ROBERTO PAES DE OLIVEIRA MAFRA
Linguagem: VBA
Campo de Aplicação: SD-06
Tipo de Programa: FA-01
Data da Criação: 14/02/2010
Regime de Guarda: SIGILO ATÉ 04/01/2022
Procurador: DANNEMANN SIEMSEN ADVOGADOS

Processo: 12774-3 **120**
Título: SUAP - SISTEMA UNIFICADO DE ADMINISTRAÇÃO PÚBLICA
Titular: INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO RN - IFRN
Criador: ALEX FABIANO DE ARAÚJO FORTUNATO; TÚLIO DE PAIVA MARQUES CARVALHO
Linguagem: JAVA; PYTHON
Campo de Aplicação: AD-01; AD-02; AD-04; AD-08; AD-09
Tipo de Programa: AP-02; AP-03; AT-01; FA-01; GI-01
Data da Criação: 08/11/2011
Regime de Guarda: SIGILO ATÉ 12/01/2022
Procurador: Não informado ou inexistente

Processo: 12815-5 **120**
Título: ACHA
Titular: EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA
Criador: FILIPE AREIAS NÉVOLA; RÔMULO PENNA SCORZA JÚNIOR; VINICIUS SANCHES AYELO
Linguagem: FORTRAN 90; JAVA
Campo de Aplicação: AG-01; MA-03; MA-04
Tipo de Programa: SM-01; TC-01
Data da Criação: 01/12/2010
Regime de Guarda: SIGILO ATÉ 30/01/2022
Procurador: FÁBIO SILVA MACÊDO

Processo: 12851-2 **120**
Título: CARDIOEMOTION
Titular: NPT NEUROPSICOTRONICS PESQUISA, COMÉRCIO, IMPORT. E EXPORT. LTDA
Criador: BRUNO PASZTOR CHAVES; FELIPE HERMAN FERREIRA VAN RIEMSDIJK; GABRIEL NEGREIRA BARBOSA; GUILHERME POLICICIO REY; MARCO ANTONIO LIBERATO DE SOUZA; PATRICIA HARUMI MIYA COSTA; RENATO ARUFFO DE OLIVEIRA; SIMONE MATTIUZZI ANTUNES
Linguagem: C#
Campo de Aplicação: AN-04; AN-05; BL-01; BL-05; BL-06; BL-07; BL-08; CO-02; CO-04; CO-05; ED-01; ED-02; ED-03; ED-04; ED-06; EL-01; FQ-03; FQ-04; FQ-07; FQ-08; FQ-09; FQ-12; IF-02; IN-02; MT-01; MT-03; MT-05; MT-06; PS-01; PS-02; PS-03; SD-01; SD-08; SD-09; TC-02; TC-04
Tipo de Programa: AP-01; AV-01; CD-01; CD-03; CD-04; CD-05; CD-06; ET-01; ET-02; ET-03; ET-04; FA-01; FA-04; GI-01; GI-03; GI-04; GI-06; GI-07; GI-08; IT-01; IT-02; IT-03; IT-04; SM-01; TC-01; TC-03; TC-04; TI-01; TI-03; TI-04; UT-01; UT-06
Data da Criação: 19/08/2011
Regime de Guarda: SIGILO ATÉ 30/09/2021
Procurador: ANDRÉA GAMA POSSINHAS

Processo: 12880-2 **120**
Título: LEVISCHOOL

Titular: LEVISOFTWARE COMÉRCIO DE SOFTWARE LTDA
Criador: DARCI LEVIS
Linguagem: HTML; JAVASCRIPT; MYSQL; PHP; POSTGRESQL
Campo de Aplicação: AD-02; ED-03; ED-04; ED-06; IF-05
Tipo de Programa: AP-02; AV-01; FA-04; GI-02; GI-04
Data da Criação: 10/10/2005
Regime de Guarda: SIGILO ATÉ 05/03/2022
Procurador: Não informado ou inexistente

Processo: 12882-6 **120**
Título: LEVISTENDER
Titular: LEVISOFTWARE COMÉRCIO DE SOFTWARE LTDA
Criador: DARCI LEVIS
Linguagem: HTML; JAVASCRIPT; MYSQL; PHP; POSTGRE SQL
Campo de Aplicação: AH-04; AN-02; HB-01; IF-04; PR-03
Tipo de Programa: FA-04; GI-01; GI-02; GI-04; PD-05
Data da Criação: 10/01/2009
Regime de Guarda: SIGILO ATÉ 05/03/2022
Procurador: Não informado ou inexistente

Processo: 12916-4 **120**
Título: CEPP -- CONTROLE ESTATÍSTICO DE PROCESSOS PRODUTIVOS
Titular: LEANDRO VICENTE PENHA
Criador: LEANDRO VICENTE PENHA
Linguagem: DELPHI 7.0; GENEXUS EV.1
Campo de Aplicação: AD-06; IN-01
Tipo de Programa: AT-06; AT-07; AV-01; GI-01; SO-07
Data da Criação: 16/03/2012
Regime de Guarda: Sem sigilo
Procurador: LUCIANO SALVIATO

Processo: 13070-0 **120**
Título: COPPETEC ON-LINE
Titular: COPPE/UFRJ - COORDENAÇÃO DOS PROGRAMAS DE PÓS-GRADUAÇÃO DE ENGENHARIA DA UNIVERSIDADE FEDERAL DO RIO DE JANEIRO
Criador: MARCIUS ARMADO DE OLIVEIRA; MARCO ANTONIO GONÇALVES ; THAMINE CHAVES LEITE DE ABREU ; VITOR AUGUSTO ALVES
Linguagem: JAVA
Campo de Aplicação: FN-04; FN-06; IF-10
Tipo de Programa: GI-01
Data da Criação: 13/02/2012
Regime de Guarda: SIGILO ATÉ 30/03/2022
Procurador: JOUBERT GONÇALVES DE CASTRO

Processo: 13166-6 **120**
Título: PROTVIRT
Titular: UNIVERSIDADE FEDERAL DE ALFENAS
Criador: GABRIEL GERBER HORNINK
Linguagem: FLASH/ACTION SCRIPT
Campo de Aplicação: ED-04
Tipo de Programa: SM-01
Data da Criação: 01/06/2011
Regime de Guarda: SIGILO ATÉ 26/04/2022
Procurador: SORAYA HELENA COELHO LEITE

Processo: 13238-5 **120**
Título: SISTEMA ELOTECH DE GESTÃO CONTÁBIL E ADMINISTRATIVA
Titular: ELOTECH INFORMÁTICA E SISTEMAS LTDA.
Criador: MARCO AURÉLIO CASTALDO ANDRADE; RUDNEY RICARDO RIZZIOLLI
Linguagem: DELPHI; FLEX; JAVA; SQL
Campo de Aplicação: AD-01; AD-02; AD-05; AD-08; AD-11
Tipo de Programa: GI-01; GI-02; GI-06; GI-07; SO-07
Data da Criação: 01/02/1999
Regime de Guarda: SIGILO ATÉ 04/04/2022
Procurador: MARCOS ANTONIO NUNES

Processo: 13239-0 **120**
Título: SISTEMA ELOTECH DE GESTÃO PÚBLICA
Titular: ELOTECH INFORMÁTICA E SISTEMAS LTDA.
Criador: MARCO AURÉLIO CASTALDO ANDRADE; RUDNEY RICARDO RIZZIOLLI
Linguagem: DELPHI; FLEX; JAVA; SQL
Campo de Aplicação: AD-01; AD-02; AD-05; AD-08; AD-11
Tipo de Programa: GI-01; GI-02; GI-06; GI-07; SO-07
Data da Criação: 01/02/1999
Regime de Guarda: SIGILO ATÉ 04/04/2022
Procurador: MARCOS ANTONIO NUNES

Processo: 13245-2 **120**
Título: PROGRAMA DE AUTOMAÇÃO COMERCIAL PDV JR
Titular: JOEL MEDEIROS; ROBERTO LUIS DOS SANTOS
Criador: JOEL MEDEIROS; ROBERTO LUIS DOS SANTOS
Linguagem: VISUAL BASIC 6
Campo de Aplicação: AD-05; AD-09; AD-10
Tipo de Programa: AT-01; AT-02; AT-03
Data da Criação: 05/01/2005
Regime de Guarda: SIGILO ATÉ 02/04/2022
Procurador: GRACIANI BILK

Processo: 13362-6 **120**
Título: INEWS
Titular: MARCIO POY
Criador: MARCIO POY
Linguagem: MUMPS
Campo de Aplicação: AD-10
Tipo de Programa: FA-01; GI-01; GI-02
Data da Criação: 18/06/2000
Regime de Guarda: Sem sigilo
Procurador: JOANE RACHEL NUNES DA SILVA

Processo: 14016-6 **120**
Título: INTEGRIS
Titular: JCONCEPT SERVIÇOS DE INFORMÁTICA LTDA
Criador: OLIVIER ANDRE PIERRE SMADJA
Linguagem: JAVA; SCALA; SQL
Campo de Aplicação: IF-10; ME-03; TC-02; TC-03; TC-04
Tipo de Programa: AP-03; CD-01; CD-03; CD-04; CD-05; DS-08; GI-01; GI-08; PD-02; PD-05; SO-02; SO-04; SO-05; SO-06; SO-07; SO-08; SO-09; TC-04; TI-03
Data da Criação: 01/04/2013
Regime de Guarda: SIGILO ATÉ 05/10/2022
Procurador: Não informado ou inexistente

Diretoria de Contratos, Indicações Geográficas e Registros - DICIG
Indicação Geográfica

RPI 2243 de 31/12/2013

Despacho

Código: **395**

Pedido nº**: IG201011** Data de depósito: **19/11/2010**

Requerente: **FEDERAÇÃO DOS CAFEICULTORES DO CERRADO**

País: **BR**

Espécie: **DENOMINAÇÃO DE ORIGEM**

Apresentação: **MISTA**

Natureza: **PRODUTO**

Nome da área geográfica: **REGIÃO DO CERRADO MINEIRO**

DELIMITAÇÃO:

A REGIÃO DELIMITADA DE "REGIÃO DO CERRADO MINEIRO" É A ÁREA DEFINIDA PELA PORTARIA 165/95, DE 27 DE ABRIL DE 1995 DO INSTITUTO MINEIRO DE AGROPECUÁRIA, COMPREENDENDO AS ÁREAS GEOGRÁFICAS DELIMITADAS PELOS PARALELOS 16°37' A 20°13' DE LATITUDE E 45°20' A 48°48' DE LONGITUDE ABRANGENDO AS REGIÕES DO TRIÂNGULO MINEIRO, ALTO PARANAÍBA E PARTE DO ALTO SÃO FRANCISCO E DO NOROESTE.
A ÁREA DE ATUAÇÃO DO CONSELHO DAS ASSOCIAÇÕES DE CAFEICULTORES DO CERRADO MINEIRO (CACCER), HOJE FEDERAÇÃO DOS CAFEICULTORES DO CERRADO, ESTÁ LOCALIZADA NA REGIÃO DEMARCADA DENOMINADA "REGIÃO DO CERRADO MINEIRO", ATRAVÉS DA PORTARIA Nº 561 DE 17/12/2002 DO IMA – INSTITUTO MINEIRO DE AGROPECUÁRIA, VINCULADO A SECRETARIA DE AGRICULTURA DE MINAS GERAIS.

PRODUTO: **CAFÉ VERDE EM GRÃO E CAFÉ INDUSTRIALIZADO TORRADO EM GRÃO OU MOÍDO**

PROCURADOR: **PRÓPRIA MARCAS E PATENTES**

REPRESENTAÇÃO:

COMPLEMENTO

Comunicação de **CONCESSÃO DE REGISTRO** de reconhecimento de Indicação Geográfica. O Certificado do Registro ficará à disposição do Titular na recepção do INPI, em até 60 dias, a contar do pagamento da expedição do certificado. Poderá, a pedido, ser remetido a qualquer Representação Regional do INPI/MDIC.

RELATÓRIO DE EXAME

1 - INTRODUÇÃO

O presente em questão, protocolizado junto ao Instituto Nacional da Propriedade Industrial (através da petição de depósito nº 020100108153 de 19/11/2010), refere-se à solicitação do reconhecimento de Indicação Geográfica "Região do Cerrado Mineiro", para café, na espécie de Denominação de Origem – DO.

Inicialmente cabe destacar que, a matéria objeto do pedido em questão, i.e., a solicitação de reconhecimento da Denominação de Origem para a "Região do Cerrado Mineiro", apresenta Indicação Geográfica reconhecida pelo INPI, em 14 de abril de 2005 (RPI nº 1797), na espécie de Indicação de Procedência – IP para "Região do Cerrado Mineiro", processo IG 99001 (petição de depósito DEINPI/SP nº 00001, de 28/01/1999), tendo como Requerente o Conselho das Associações de Cafeicultores do Cerrado Mineiro (CACCER).

A região delimitada de "Região do Cerrado Mineiro" é a área definida pelos 55 (cinqüenta e cinco) municípios, da área de atuação do Conselho das Associações de Cafeicultores do Cerrado Mineiro (CACCER), hoje Federação dos Cafeicultores do Cerrado, localizados na região demarcada denominada Cerrado Mineiro, através da Portaria nº 561 de 17/12/2002 do IMA – Instituto Mineiro de Agropecuária, vinculado a Secretaria de Agricultura de Minas Gerais (Formulário de Pedido de Registro de Indicação Geográfica; e, fls. 10 do presente processo administrativo).

De modo a nortear a análise de pedidos de Indicação Geográfica por esta Coordenação, especificamente nos casos da existência de Indicação de Procedência e Denominação de Origem para um mesmo produto com o mesmo nome geográfico, é anexada aqui a NOTA nº 0274-2012-AGU/PGF/PFE/INPI/COOPI-ALB-2.4 emitida pela Procuradoria Federal Especializada junto ao INPI, que dispõe sobre o tema e fundamenta a análise deste pedido.

2- HISTÓRICO

O pedido foi inicialmente examinado com relação ao atendimento das condições formais estabelecidas na Resolução INPI nº 075/00, sendo verificado que o mesmo estava em desacordo com o disposto no art. 179 e § único do art. 182 da Lei da Propriedade Industrial – LPI, bem como no art. 6º da referida Resolução.

Sendo assim em parecer de exame formal preliminar, publicado na RPI nº 2094, em 22/02/1011, foram formuladas exigências de modo a sanear o processo em análise quanto às irregularidades anteriormente apontadas.

Contudo, através da petição nº 014110000510, protocolizada no INPI/MG em 18/02/2011, a Requerente solicita ao INPI *"favor excluir da reivindicação o elemento figurativo (árvore) anexo ao pedido*". Além de que, em outra petição, a petição nº 014110000868 protocolizada no INPI/MG em 16/03/2011, a Requerente solicita alteração do nome geográfico de "Cerrado Mineiro" para "Região do Cerrado Mineiro".

Desta forma, as exigências formuladas e publicadas na RPI nº 2094, de 22/02/2011, tornaram-se sem efeito, visto que a Requerente apresentou por meio da petição nº 014110000510, em 18/02/2011 (data anterior à publicação da exigência) dados que saneavam o processo em exame.

Neste cenário, como o pedido estava em acordo com os pressupostos estabelecidos na Lei da Propriedade Industrial e com fulcro no art. 10 da Resolução INPI nº 075/00, em parecer de exame formal anterior foi sugerida a publicação do mesmo para possível manifestação de terceiros em 07/09/2011, na RPI nº 2125. A partir desta publicação, passou-se a contar o prazo de sessenta (60) dias para possível manifestação de terceiros.

3- ANÁLISE DO PEDIDO

Considerando o disposto no art. 18 da Resolução INPI nº 025/2013, em que estabelece: "Decorrido o prazo fixado no art. 17 será efetuado o exame do pedido e proferida a decisão deferindo ou indeferindo o pedido de reconhecimento à Indicação Geográfica", dar-se-á prosseguimento ao exame do pedido;

Considerando ao disposto no art. 176 da LPI, em que estabelece: "*Constitui indicação geográfica a indicação de procedência* ***ou*** *a denominação de origem*" (grifo nosso). Para tanto, a LPI define nos artigos seguintes, os critérios para o enquadramento das Indicações Geográficas quanto às espécies de Indicação de Procedência ou Denominação de Origem, *in verbis:*

> *"'Art. 177. Considera-se* ***indicação de procedência*** *o nome geográfico de país, cidade, região ou localidade de seu território, que se tenha tornado conhecido como centro de extração, produção ou fabricação de determinado produto ou de prestação de determinado serviço.'"*
>
> *"Art. 178. Considera-se* ***denominação de origem*** *o nome geográfico de país, cidade, região ou localidade de seu território, que designe produto ou serviço cujas qualidades ou características se devam exclusiva ou essencialmente ao meio geográfico, incluídos fatores naturais e humanos."* (grifos nosso).

Considerando, ainda, a NOTA nº 0274-2012-AGU/PGF/PFE/INPI/COOPI-ALB-2.4 emitida pela Procuradoria Federal Especializada junto ao INPI (**ANEXO I**).

Neste cenário, dando continuidade ao exame do pedido em questão, constatou-se que até a presente data não houve manifestação que sugerisse o impedimento do reconhecimento deste registro (**ANEXO II**). Os documentos anexados aos autos sugerem que o pedido de registro IG 201011 é passível de ter seu reconhecimento registrado, visto que, o mesmo atende ao estabelecido nos arts. 176 e 178 Lei da Propriedade Industrial e na íntegra a Resolução INPI Nº 025/2013.

Cabendo aqui mencionar que processo da DO "Região do Cerrado Mineiro" (IG201011) é composto e organizado pelos seguintes documentos:

I – REQUERIMENTO E FORMULÁRIO

Apresenta Roteiro de Apresentação de Documentações (fls. 5-6 Todas as referências as folhas – fls.- correspondem as folhas do processo administrativo ora em tela); Formulário preenchido de Pedido de Registro de Indicação Geográfica, com a relação de municípios que compõem a delimitação geográfica (fls. 7-10); Cópia do Comprovante da GRU e Comprovante de Pagamento de Títulos no valor de R$ 1.800,00 (fls. 175).

II – INSTRUMENTO HÁBIL A COMPROVAR A LEGITIMIDADE DO REQUERENTE

Apresenta cópia reprográfica autenticada do Estatuto da Federação dos Cafeicultores do Cerrado, de 11/11/2009 (fls. 12-28); Cópia reprográfica autenticada da Ata de Alteração de Estatuto (Alteração de CACCER para Federação dos Cafeicultores do Cerrado) (fls. 29-46); Cópia reprográfica autenticada do Estatuto de Origem da Entidade, CACCER – Conselho das Associações de Cafeicultores do Cerrado, de 21/10/1992 (fls. 47-66); Cópia reprográfica simples da Ata de Eleição da Atual Diretoria, de 31/03/2009 (fls. 57-66); Cartão de CNPJ (fls. 67-68); Declaração das Entidades Filiadas (fls. 69-81).

III – REGULAMENTO DO USO DO NOME GEOGRÁFICO

Apresenta cópia reprográfica da Ata de Reunião de Aprovação do Regulamento de Uso de Indicação Geográfica – Denominação de Origem "Região do Cerrado Mineiro" (fls. 83); Regulamento de Uso da Denominação de Origem da Região do Cerrado Mineiro (agosto de 2010, v.1) (fls. 84-98); e, Anexos ao Regulamento de Uso: PQC – Programa de Qualidade do Café da ABIC (fls. 100-128) e IN08/MAPA – Regulamento Técnico de Identidade e de Qualidade de Classificação do Café (fls. 129-144).

IV – INSTRUMENTO OFICIAL QUE DELIMITA A AREA GEOGRAFICA

Apresenta cópia reprográfica simples da Portaria nº 561, de 17/12/2002 do Instituto Mineiro de Agropecuária (IMA) que altera a denominação da região para produção de café no Estado de Minas Gerais, de "Região dos Cerrados de Minas" para "Região do Cerrado Mineiro". (fls. 148-150); Cópia reprográfica simples da Portaria nº 165-95, de 27/04/1995, que delimita as regiões produtoras de café do Estado de Minas Gerais para a instituição do Certificado de Origem (fls. 151-152); e, cópia reprográfica simples de Certificados de Registros de Indicação Geográfica e Marcas (fls. 153-169).

V – REPRESENTAÇÃO GRÁFICA E FIGURATIVA DA DENOMINAÇÃO GEOGRÁFICA

Representação da IG Região do Cerrado Mineiro – Denominação de Origem (fls. 170-173).

VI – ANEXOS GERAIS: LEVANTAMENTO HISTORICO-CULTURAL

Apresenta relatório documental e de informações que visam comprovar a identificação de um produto de qualidade da "Região do Cerrado Mineiro". Para tanto, são anexos: Matéria Extraída do Curso de Propriedade Intelectual & Inovação do Agronegócio do MAPA (fls. 177-189); e, Vídeos Institucionais: CD e DVD.

VII – DESCRIÇÃO DAS QUALIDADES, CARACTERÍSTICAS, PROCESSOS E MÉTODOS DO PRODUTO

São relacionados trabalhos e dados técnicos de clima (altitude, umidade relativa, temperaturas, período de chuvas), solos e manejo da cultura do café na "Região do Cerrado Mineiro", constituída por 55 municípios do Alto Paranaíba, Triângulo Mineiro e Noroeste de Minas:

1) Café do Cerrado: solo, clima, cultivo (fls. 192-194);
2) Café do Cerrado: solo, clima, cultivo (fls. 196-260);
3) Considerações sobre as condições climatológicas de produção do Café do Cerrado (fls. 263-272) e Anexos (fls. 273-290).

VIII – ELEMENTOS QUE COMPROVAM A EXISTÊNCIA DE ESTRUTURA DE CONTROLE

Apresenta reprodução do Programa de Certificação do Café do Cerrado Mineiro (setembro de 2010, v1.) (fls. 293-380); Anexos do Programa de Certificação (fls. 381-388); e, Cópia da Ata de Reunião do Conselho Normativo Regulador – CNR, de 09/09/2010 (fls. 389).

Este Programa de Certificação do Café do Cerrado Mineiro consiste em:

I. Propriedade Produtora (fls. 297-329);
II. Produto Café em Grão Verde (fls. 330-337);
III. Armazenamento – Armazéns (fls. 338-354);
IV. Classificadores de Café (fls. 355-356);
V. Auditores de Controle (fls. 357-376);
VI. Estrutura de Controle, Apoio e Treinamento:
   - ❖ CNR – Conselho Normativo Regulador (fls.377-378);
   - ❖ Geo-processamento (fls. 378);
   - ❖ CEC – Centro de Excelência do Café do Cerrado (fls. 378);
   - ❖ Núcleos para Certificação: Associação & Cooperativas do Sistema Café do Cerrado Mineiro (fls. 379-380).

IX – ELEMENTOS QUE COMPROVAM ESTAR OS PRODUTORES ESTABELECIDOS NA REGIÃO DEMARCADA

Apresentam certificados de propriedade e cartão de produtor rural (fls. 392-951); Lista de produtores filiados às entidades que compõem a Federação dos Cafeicultores do Cerrado (fls. 953-1133).

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A partir desta análise identificamos os ELEMENTOS QUE CARACTERIZAM A DENOMINAÇÃO DE ORIGEM PARA A "REGIÃO DO CERRADO MINEIRO", a saber:

1) De modo a atender o estabelecido no item IV do artigo 6º da Resolução INPI Nº 025/2013, é anexado o instrumento oficial que delimita a área geográfica – cópia reprográfica simples da Portaria nº 561, de 17/12/2002 do Instituto Mineiro de Agropecuária (IMA) que altera a denominação da região para produção de café no Estado de Minas Gerais, de "Região dos Cerrados de Minas" para "Região do Cerrado Mineiro". (fls. 148-150); Cópia reprográfica simples da Portaria nº 165-95, de 27/04/1995, que delimita as regiões produtoras de café do Estado de Minas Gerais para a instituição do Certificado de Origem (fls. 151-152);

A região delimitada de "Região do Cerrado Mineiro" é uma formada por 55 (cinqüenta e cinco) municípios localizados nas regiões administrativas do Estado de Minas Gerais, denominadas: Triângulo Mineiro, Alto Paranaíba, Noroeste de Minas e Alto São Francisco, totalizando 112.289,56 km2, tendo como pontos cardeais extremos as seguintes coordenadas: paralelos 16º37' a 20º13' de latitude e 45º20' a 49º48' de longitude (fls. 10);

2) Para comprovar que o nome geográfico "Região do Cerrado Mineiro" designa *produto ou serviço cujas qualidades ou características se devam exclusiva ou essencialmente ao meio geográfico, incluídos fatores naturais e humanos,* conforme determina o art. 176 da LPI e art. 9º da Resolução INPI nº 025/2013, foram anexados aos autos nas folhas 192-29.

Tais documentos que o café da Região do Cerrado Mineiro apresenta as seguintes características:

(i) O café em grão verde, conforme Instrução Normativa nº 8 do MAPA, deve apresentar classificação mínima tipo 6 (seis), com máximo de 86 (oitenta e seis) defeitos, cor verde ou esverdeada uniforme, não sendo admitidos grãos preto, verde e ardido (fls. 90);

(ii) A bebida, conforme a metodologia de prova da SCAA – Associação Americana de Cafés Especiais, deve obter nota mínima de 75 (setenta e cinco), caracterizado por ter: aroma – intenso, com notas variando entre caramelo e nozes; acidez – delicada, predominante cítrica; corpo – de mediano a encorpado; sabor – adocicado, achocolatado intenso; e, finalização – de longa duração (fls. 91);

(iii) O produto é obtido de uma região que se encontra na faixa ideal de aptidão térmica (apta e restrita) para o café arábica (*Coffea arabica*), permitindo frutificação uniforme e altas produtividades (fls. 205) e todas as cidades que compõem a região demarcada de origem têm altitudes superiores à 800m (fls. 209); e,

(iv) Com relação às propriedades químicas do solo, destaca-se que a região apresenta baixa fertilidade natural: acidez elevada – pH inferior a 5,0; baixa matéria orgânica – valores inferiores a 2% em solos argilosos; baixo teor de fósforo disponível – inferior a 5ppm; e, baixo teor de cálcio, magnésio, potássio e de micronutrientes (fls. 216).

Como conseqüência, o plantio dos cafeeiros na região requer técnicas avançadas de cultivo, manejo e fertilização do solo. Neste sistema de plantio, na fertilização são utilizados: calcário, adubos fosfatados associados ou não a micronutrientes, adubos potássicos, adubos com micronutrientes e matéria orgânica. Embora seja comum a adubação orgânica (fls. 224); o plantio das mudas é a operação de maior importância na formação da lavoura, sendo feito com mudas de meio ano, mais ou menos com seis a oito meses de idade, com três a cinco pares de folhas, e cujo plantio pode ser efetuado em qualquer época do ano, mas preferencialmente no início do período chuvoso (fls. 227).

3) De modo a atender o estabelecido no item III do artigo 6º da Resolução INPI Nº 025/2013, é anexado o Regulamento de Uso (fls.83-98).

De acordo com este Regulamento de Uso, destacamos que:

3.1) A adesão ao uso da Indicação Geográfica na modalidade Denominação de Origem é de caráter espontâneo e voluntário pelos produtores de café cuja produção seja originada de propriedade localizadas na região demarcada e pelas indústrias de café que utilizarem esses cafés na elaboração de seus produtos, que cumpram na íntegra o Regulamento e que sejam associados à Federação dos Cafeicultores do Cerrado; e,

3.2) O fiel cumprimento das normas e condições estabelecidas neste Regulamento de Uso serão atribuições do Conselho Normativo Regulador da "Região do Cerrado Mineiro", conforme prevê Capítulo VII, arts. 30 a 33 do Estatuto da Federação dos Cafeicultores do Cerrado.

4) Com relação à comprovação da existência de uma Estrutura de Controle sobre os produtores que tenham o direito ao uso exclusivo da Denominação de Origem, foi anexado nas folhas 293-380, documento que fundamenta a Estrutura de Controle.

Segundo a Norma de Certificação da Propriedade Produtora "Café do Cerrado Mineiro" consiste em 100 (cem) itens de conformidade subdivididos em duas categorias (Critérios Críticos e Critérios Importantes, nos quais as propriedades precisam atender 80% da média de todos os princípios, e no mínimo 50% de cada princípio) e em 3 (três) diferentes Níveis de Qualificação, em função do estágio de preparação de cada produtor – ver fls. 300-301.

Além disso, cabe comentar que o Controle, denominado segundo os autos "Programa de Certificação" consiste em regras estabelecidas para as várias etapas de produção do café, armazenagem e distribuição; e, o estabelecimento de procedimento de cadastramento de empresas auditoras (fls. 357-376).

5) Para comprovar que os produtores estão estabelecidos na área geográfica demarcada e exercendo, efetivamente, as atividades de produção foi anexada aos autos do processo nas folhas 392-1133, lista dos produtores filiados às entidades que compõem a Federação dos Cafeicultores do Cerrado, e comprovantes da inscrição individual do produtor rual junto à Secretaria da Fazenda do Estado de Minas Gerais, as quais identificam o nome e endereço dos referidos produtores estabelecidos na área geográfica demarcada, comprovando o efetivo exercício de suas atividades.

6) Elementos que comprovam e fundamentam que o processo de obtenção do café são leais, locais e constantes são apresentados nas fls. 192-260. A comprovação pode ser vista a partir do controle existente e nas normas de certificação tanto da propriedade produtora, quanto dos armazéns.

4- CONCLUSÃO

Diante do exposto, a documentação juntada aos autos do processo, sugere que o pedido em análise apresenta condições de obter registro reconhecido na espécie Denominação de Origem, uma vez que atende aos pressupostos estabelecidos nos artigos 176/182 da Lei da Propriedade Industrial, Lei 9279/96, bem como atende ao estabelecido na IN INPI nº 025/2013.

Despacho

Código**: 305**

Pedido n**º: BR402012000001-2** Data de depósito: **09/01/2012**

Requerente: **ASSOCIAÇÃO DOS PRODUTORES DE AGUARDENTE DE QUALIDADE DA MICRO REGIÃO ABAÍRA**

País: **BR**

Espécie: **INDICAÇÃO DE PROCEDÊNCIA**

Natureza: **PRODUTO**

Nome da área geográfica: **MICRORREGIÃO ABAÍRA**

PRODUTO: **AGUARDENTE DE CANA DO TIPO CACHAÇA**

PROCURADOR: **O PRÓPRIO**

REPRESENTAÇÃO:

COMPLEMENTO

Conforme de relatório de exame e parecer técnico:

O pedido de registro foi protocolado em 09 de janeiro de 2012, recebendo o protocolo geral nº BR 40.2012.000001.2, conforme etiqueta na fl.01. Fora submetido a exame nos termos da resolução INPI nº 75/2000, fls.287/290, sendo publicada exigência (código 305) na RPI nº 2175, de 11 de setembro de 2012, sob os seguintes termos:

a. *manifeste-se quanto a utilização da palavra Microrregião na ortografia corrente ou na antiga, Micro-Região, eliminando ambiguidades nos autos;*
b. *saneie a delimitação da área geográficas;*
c. *apresente documento que comprove o mandato do representante legal da APAMA, bem como cópia de documento oficial de identidade do mesmo.*

O requerente, em resposta as exigências processuais procedeu com a juntada do seguintes documentos:

1. *fl.295 – Folha de petição de indicação geográfica, etiquetada pelo protocolo do INPI em 12 de novembro de 2012, com o número 020120105453, remetida por via postal em 07 de novembro do mesmo ano;*
2. *fl.296 – Guia de Recolhimento da União, sob o código 604 – Cumprimento de Exigência, no valor de R$ 50,00 (cinquenta reais);*
3. *fl.297 – envelope de SEDEX, com etiqueta constando os dados acima;*
4. *fls.298/299 – esclarecimentos quanto ao atendimento das exigências, informando:*
   [a] requer que consideremos "como Microregião <sic> sem hífen ou mesmo espaço, por ser esta a grafia correta", atribuindo as divergências na documentação à equívocos "da grafia em razão da mudança ortográfica bem como por eventual erro material, pois os corretores ortográficos dos editores de texto ainda não foram" atualizados.
   [b] afirma que "tentou por todos os meios extrajudiciais cabíveis fazer com que o profissional contratado e pelo responsável georeferenciamento <sic> mencionado na Metodologia para a delimitação da Microregião <sic>, todavia o referido profissional após insistentes tentativas sonega a entrega" da delimitação, de forma que alegam precisar de um prazo maior para entregar a referida documentação.
   [c] informa estar apresentando cópias da ata de eleição e dos documentos pessoais do representante legal da associação.
5. *fls.300/301 – Ata de Assembleia Geral Ordinária da APAMA, para, dentre outros assuntos, eleger o seu corpo de diretoria.*

6. *fls.302/303 – cópia do documento de identidade e do Cadastro de Pessoas Físicas do Sr. Osvaldo Alves Santos.*

3. PARECER TÉCNICO

A documentação apresentada pelo requerente a fim de atender as exigências formuladas no parecer de fls.287/290, saneou o vício referente a situação do representante legal da APAMA, que subscreve o pedido de registro e a petição em análise, apresentando documentos hábeis para tal fim.

Todavia o mesmo não ocorreu em relação aos demais itens.

Quanto ao nome geográfico atribuem as divergências na documentação à equívocos "da grafia em razão da mudança ortográfica bem como por eventual erro material, pois os corretores ortográficos dos editores de texto ainda não foram" atualizados.

Ocorre, entretanto, que esta não é a grafia adequada à luz do acordo ortográfico vigentes, na qual quando a primeira palavra é terminada em vogal e a segunda iniciada em 'R' ou 'S', a consoante será duplicada a fim de adequar a escrita a sua fonética, de forma que a grafia correta seria ***Microrregião****, tal qual utilizada na representação da IG:*

Logo, ainda que a adequação a norma ortográfica pareça ser o intento do requerente, a nosso ver, não nos parece possível ao INPI substituir-se à vontade dos requerentes, alterando de ofício a grafia do nome geográfico.

Além disso, em relação à exigência quanto à delimitação da área geográfica, o requerente informou que não conseguiu providenciar os documentos em tempo hábil, de forma que este ponto ficou em aberto.

4. CONCLUSÃO

Dito isso, nos parece, salvo melhor juízo, apesar da documentação apresentada pelo requerente conter muito dos elementos de convicção adequados a análise nos termos da Resolução INPI nº 075, tendo buscado atender as exigências, ***não as atendeu plenamente****, surgindo novas questões a serem sanadas, o que poderia levar, se autoridade competente assim julgar adequado, a formulação de nova exigência,* ***saneando a grafia do nome geográfico e a delimitação da área geográfica****.*

Por fim, propomos, salvo melhor juízo, que os autos sejam tramitados a autoridade competente, para que se proceda com nova exigência a fim de sanear os autos processuais ou com o arquivamento, nos termos da Resolução INPI nº 75/2000.

Cabe ressaltar que de acordo com o artigo 16 da IN 12/2013, a requerente tem o prazo de 60 (sessenta) dias a contar da data de publicação desta exigência para o cumprimento da mesma, sob pena de arquivamento definitivo do pedido de registro em exame.
Atentar para o pagamento da retribuição correspondente ao cumprimento de exigência.

Estatísticas

DIRETORIA DE PATENTES

Código	Quantidade	Código	Quantidade	Código	Quantidade	Código	Quantidade
1.1	7202	9.1	46	15.22	-	23.1	-
1.1.1	-	9.1.1	-	15.22.1	1	23.1.1	-
1.1.2	-	9.1.2	-	15.23	-	23.2	-
1.1.3	-	9.1.3	3	15.24	-	23.3	-
1.2	-	9.1.4	-	15.24.1	-	23.4	-
1.2.1	-	9.2	31	15.24.2	8	23.5	-
1.2.2	-	9.2.1	-	15.24.3	1	23.6	-
1.2.3	-	9.2.2	-	15.30	-	23.7	-
1.3	114	9.2.3	-	15.31	-	23.8	-
1.3.1	3	9.2.4	72	15.32	-	23.9	-
1.3.2	-	9.2.4.1	-	15.33	-	23.10	-
1.3.3	-	10.1	1	16.1	79	23.11	-
1.3.4	-	10.5	-	16.2	-	23.12	-
1.4	2	10.6	-	16.3	-	23.13	-
1.4.1	3	10.7	-	16.4	1	23.14	-
1.4.2	-	10.8	-	17.1	-	23.15	-
1.4.3	-	10.9	-	17.2	-	23.16	-
1.4.4	-	10.9.1	-	17.3	-	23.17	-
1.5	1	11.1	1450	18.1	-	23.18	-
1.5.1	-	11.1.1	-	18.2	-	23.19	-
1.5.2	-	11.2	1	18.3	-	24.2	5
1.5.3	-	11.4	-	18.4	-	24.3	-
2.1	250	11.5	1	18.5	-	24.4	-
2.4	6	11.6	-	18.6	-	24.5	-
2.5	49	11.6.1	-	18.10	-	24.6	-
2.6	-	11.11	-	18.11	-	24.7	-
2.7	1	11.12	16	18.12	-	24.8	5
2.10	74	11.13	-	18.13	-	24.10	-
3.1	37	11.14	1	19.1	-	25.1	24
3.2	1	11.15	-	19.2	-	25.2	-
3.6	3	11.16	-	19.3	-	25.3	1
3.7	-	11.17	-	21.1	-	25.4	91
3.8	-	11.30	-	21.2	-	25.5	-
4.3	1	11.31	-	21.6	4	25.6	4
4.3.1	-	12.1	-	21.7	-	25.7	8
4.3.2	-	12.2	1	21.8	-	25.8	-
6.1	42	12.3	-	21.9	-	25.9	-
6.6	1	12.6	-	21.10	-	25.10	-
6.7	-	12.7	-	22.2	-	25.11	-
6.8	2	12.8	-	22.3	-	25.12	-
6.9	-	13.1	-	22.4	-	25.13	-
6.10	-	13.2	-	22.5	-	26.1	-
7.1	70	15.1	-	22.10	-	26.2	-
7.2	-	15.2	-	22.11	-	26.3	-
7.3	-	15.3	-	22.12	-	26.4	-
7.4	5	15.3.1	-	22.13	-	26.5	-
7.5	-	15.4	-	22.14	-	26.6	-
7.6	-	15.7	6	22.15	1	26.7	-
7.7	-	15.8	-	22.20	-	27.1	1
8.5	1	15.9	-	22.21	-	27.2	-
8.6	12	15.10	-	22.22	-	27.3	-
8.7	3	15.11	9	22.23	-	27.4	-
8.8	-	15.12	-			27.5	-
8.9	-	15.13	-			27.6	-
8.10	-	15.14	-			27.7	-
8.11	3	15.21	-				
8.12	7						

TOTAL: 9765

Diretoria de Contratos, Indicações Geográficas e Registros - DICIG
Estatística de Pedidos e Registros de Desenhos Industriais

RPI 2243 de 31/12/2013

PEDIDOS E REGISTROS DE DESENHOS INDUSTRIAIS

Código	Quantidade	Código	Quantidade
30	-	50	-
31	-	51	-
32	-	52	-
33	-	53	-
34	-	53.1	-
34.1	-	54	-
35	-	54.1	-
35.1	-	55	-
36	-	56	-
37	-	57	-
38	-	58	6
39	-	59	-
40	10	60	-
41	-	61	-
42	-	62	-
43	-	63	-
44	-	64	-
45	-	65	-
46	99	66	-
46.1	41	70	-
46.2	44	71	-
46.3	-	72	-
47	-	73	-
47.1	-	74	-
48	-		
49	-		

TOTAL: 200

Estatística da Diretoria de Contratos, Indicações Geográficas e Registros - DICIG

RPI 2243 de 31/12/2013

CONTRATOS DE TECNOLOGIA
LICENÇAS DE USO DE MARCAS

Código	Quantidade	Código	Quantidade	Código	Quantidade
060	-	272	-	998	-
130	-	290	-	999	-
185	2	295	-		
210	-	350	11		
		800	-		

Total:	13

REGISTROS DE PROGRAMAS DE COMPUTADOR

Código	Quantidade	Código	Quantidade	Código	Quantidade
080	-	101	-	114	-
082	-	102	-	115	-
090	15	104	-	120	69
091	-	105	-		
093	-	106	-		
094	-	107	-		
095	-	108	-		
096	-	109	-		
097		110	-		
098	-	111	-		
099	-	112	1		
100	-	113	-		

Total:	85

INDICAÇÕES GEOGRÁFICAS PEDIDOS E REGISTROS

Código	Quantidade	Código	Quantidade	Código	Quantidade
305	1	365	-	415	-
315	-	373	-	420	-
325	-	375	-	423	-
335	-	380	-	425	-
340	-	385	-	430	-
345	-	390	-	435	-
350	-	395	1	440	-
357	-	405	-	445	-
360	-	410	-		
		Total:	**2**		

TOPOGRAFIA DE CIRCUITO INTEGRADO

Código	Quantidade	Código	Quantidade	Código	Quantidade
501	-	532	-	644	-
502	-	534	-	646	-
504	-	536	-	648	-
506	-	538	-	650	-
508	-	540	-	654	-
520	-	542	-	656	-
522	-	544	-	658	-
524	-	546	-	660	-
526	-	548	-	662	-
528	-	640	-	664	-
530	-	642	-		
		Total:	**-**		

Código Internacional adotado pelo INPI para Países e Organizações Internacionais

Organizações Internacionais

Escritório Eurasiano de Patentes	EA
Escritório de Marcas do Benelux e Escritório de Modelos de Benelux	BX
Instituto Internacional de Patentes	IB
Organização Regional de Propriedade Industrial Africana	AP
Organização Africana de Propriedade Intelectual (OAPI)	OA
Organização Européia de Patentes EPO	EP
Organização Mundial de Propriedade Intelectual (OMPI) (WIPO)	WO
Escritório para Harmonização no Mercado Interno (Marcas Registradas e Designs)	EM

Países - Ordem de Nomes

AFEGANISTÃO	AF
ÁFRICA DO SUL	ZA
ALBÂNIA	AL
ALEMANHA	DE
ANDORRA	AD
ANGOLA	AO
ANGUILLA	AI
ANT.IUGOSLÁVIA (REP.MACEDÔNIA)	MK
ANTARTICA	AQ
ANTÍGUA E BARBUDA	AG
ANTILHAS HOLANDESAS	AN
ARÁBIA SAUDITA	SA
ARGÉLIA	DZ
ARGENTINA	AR
ARMÊNIA	AM
ARUBA	AW
AUSTRÁLIA	AU
ÁUSTRIA	AT
AZERBAIJÃO	AZ
BAHAMAS	BS
BANGLADESH	BD
BARBADOS	BB
BAREINE	BH
BELARUS	BY
BÉLGICA	BE
BELIZE	BZ
BENIN	BJ
BERMUDAS	BM
BOLÍVIA	BO
BÓSNIA E HERZEGÓVINA	BA
BOTSUANA	BW
BRASIL	BR
BRUNEI DARUSSALAM	BN
BULGÁRIA	BG
BURKINA FASO	BF
BURUNDI	BI
BUTÃO	BT
CABO VERDE	CV
CAMARÕES	CM
CAMBOJA	KH
CANADÁ	CA
CATAR	QA
CAZAQUISTÃO	KZ
CHADE	TD
CHANNEL ISLAND OF GUERNSEY	GG
CHILE	CL
CHINA	CN
CHIPRE	CY
COLÔMBIA	CO
COMORES	KM
CONGO	CG
COSTA DO MARFIM	CI
COSTA RICA	CR
CROÁCIA	HR
CUBA	CU
DINAMARCA	DK
DJIBUTI	DJ
DOMINICA	DM
EGITO	EG
EL SALVADOR	SV
EMIRADOS ARABES UNIDOS	AE
EQUADOR	EC
ERITRÉIA	ER
ESLOVÁQUIA	SK
ESLOVENIA	SI
ESPANHA	ES
ESTADOS UNIDOS	US
ESTÔNIA	EE
ETIÓPIA	ET
FEDERAÇÃO RUSSA	RU
FIJI	FJ
FILIPINAS	PH
FINLÂNDIA	FI
FRANÇA	FR
GABÃO	GA
GÂMBIA	GM
GANA	GH
GEÓRGIA	GE
GEORGIA DO SUL E ILHAS SANDWICH DO SUL	GS
GIBRALTAR	GI
GRANADA	GD
GRÉCIA	GR
GROELÂNDIA	GL
GUADALUPE	GP
GUAM	GU
GUATEMALA	GT
GUIANA	GY
GUIANA FRANCESA	GF
GUINÉ	GN
GUINÉ BISSAU	GW
GUINÉ EQUATORIAL	GQ
HAITI	HT
HOLANDA	NL
HONDURAS	HN
HONG-KONG	HK
HUNGRIA	HU
IÊMEN	YE
ILHA BOUVET	BV
ILHA DO HOMEN	IM
ILHA NATAL	CX
ILHA NORFALK	NF
ILHAS CAIMAN	KY
ILHAS COCOS	CC
ILHAS COOK	CK
ILHAS FAROE	FO
ILHAS HEARD E MC DONALD	HM
ILHAS MALVINAS	FK
ILHAS MARIANAS DO NORTE	MP
ILHAS MARSHALL	MH
ILHAS MENORES AFASTADAS EUA	UM
ILHAS SALOMÃO	SB
ILHAS TURKS E CAICOS	TC
ILHAS VIRGENS (BRITÂNICAS)	VG
ILHAS VIRGENS (U.S.)	VI
ILHAS WALLIS E FUTURA	WF
ÍNDIA	IN
INDONÉSIA	ID
IRÃ (REPÚBLICA ISLÂMICA DO)	IR
IRAQUE	IQ
IRLANDA	IE
ISLÂNDIA	IS
ISRAEL	IL
ITÁLIA	IT
JAMAICA	JM
JAPÃO	JP
JORDÂNIA	JO
KIRIBATI	KI
KUWAIT	KW
LAOS	LA
LESOTO	LS
LETÔNIA	LV
LÍBIA	LY
LIECHTENSTEIN	LI
LITUÂNIA	LT
LUXEMBURGO	LU
MACAU	MO
MADAGASCAR	MG
MALÁSIA	MY
MALÁWI	MW
MALDIVAS	MV
MALI	ML
MALTA	MT
MARROCOS	MA
MARTINICA	MQ
MAURÍCIO	MU
MAURITÂNIA	MR
MAYOTTE	YT
MÉXICO	MX
MIANMÁ	MM
MICRONÉSIA (EST. DA FEDERAÇÃO)	FM
MOÇAMBIQUE	MZ
MÔNACO	MC
MONGÓLIA	MN
MONT SERRAT	MS
NAMÍBIA	NA
NAURU	NR
NEPAL	NP
NICARÁGUA	NI
NÍGER	NE
NIGÉRIA	NG
NIUE	NU
NORUEGA	NO
NOVA CALEDÔNIA	NC
NOVA ZELÂNDIA	NZ
OMÃ	OM
ORGANIZAÇÃO EUROPÉIA DE PATENTES	EP
PAÍSES BAIXOS	PB
PALAU	PW
PANAMÁ	PA
PAPUA NOVA GUINÉ	PG
PAQUISTÃO	PK
PARAGUAI	PY
PERU	PE
PITCAIRN	PN
POLINÉSIA FRANCESA	PF
POLÔNIA	PL
PORTO RICO	PR
PORTUGAL	PT
QUÊNIA	KE
QUIRGUISTÃO	KG
REINO UNIDO	GB
REPÚBLICA CENTRO AFRICANA	CF
REPÚBLICA DA CORÉIA	KR
REPÚBLICA DA MOLDOVA	MD
REPÚBLICA DOMINICANA	DO
REPÚBLICA POPULAR DEM. DA CORÉIA	KP
REPÚBLICA TCHECA	CZ
REPÚBLICA UNIDA DA TANZÂNIA	TZ
REUNIÃO	RE
ROMÊNIA	RO
RUANDA	RW
SAARA OCIDENTAL	EH
SAINT PIERRE E MIQUELON	PM
SAMOA AMERICANA	AS
SAMOA OCIDENTAL	WS
SANTA HELENA	SH
SANTA LÚCIA	LC
SÃO CRISTÓVÃO E NEVIS	KN
SÃO MARINO	SM
SÃO TOMÉ E PRÍNCIPE	ST
SÃO VICENTE E GRANADINAS	VC
SENEGAL	SN
SERRA LEOA	SL
SEYCHELLES	SC
SINGAPURA	SG
SÍRIA	SY
SOMÁLIA	SO
SRI LANKA	LK
SUAZILÂNDIA	SZ
SUDÃO	SD
SUÉCIA	SE
SUÍÇA	CH
SURINAME	SR
SVALBARD E JAN MAYEN	SJ
TADJIQUISTÃO	TJ
TAILÂNDIA	TH
TAIWAN, PROVÍNCIA DA CHINA	TW
TERRAS AUSTRAIS FRANCESAS	TF
TERRIT. BRITAN. OCEANO ÍNDICO	IO
TERRITÓRIO OCUPADO PALESTINO	PS
TIMOR -LESTE	TL
TOGO	TG
TOKELAU	TK
TONGA	TO
TRINIDAD E TOBAGO	TT
TUNÍSIA	TN
TURCOMENISTÃO	TM
TURQUIA	TR
TUVALU	TV
UCRÂNIA	UA
UGANDA	UG
URUGUAI	UY
UZBEQUISTÃO	UZ
VANUATU	VU
VATICANO	VA
VENEZUELA	VE
VIETNÃ	VN
YUGOSLÁVIA	YU
ZAIRE	ZR
ZÂMBIA	ZM
ZIMBÁBUE	ZW

Países - Ordem de Sigla

AD	ANDORRA
AE	EMIRADOS ARABES UNIDOS
AF	AFEGANISTÃO
AG	ANTÍGUA E BARBUDA
AI	ANGUILLA
AL	ALBÂNIA
AM	ARMÊNIA
AN	ANTILHAS HOLANDESAS
AO	ANGOLA
AQ	ANTARTICA
AR	ARGENTINA
AS	SAMOA AMERICANA
AT	ÁUSTRIA
AU	AUSTRÁLIA
AW	ARUBA
AZ	AZERBAIJÃO
BA	BÓSNIA E HERZEGÓVINA
BB	BARBADOS
BD	BANGLADESH
BE	BÉLGICA
BF	BURKINA FASO
BG	BULGÁRIA
BH	BAREINE
BI	BURUNDI
BJ	BENIN
BM	BERMUDAS
BN	BRUNEI DARUSSALAM
BO	BOLÍVIA
BR	BRASIL
BS	BAHAMAS
BT	BUTÃO
BV	ILHA BOUVET
BW	BOTSUANA
BY	BELARUS
BZ	BELIZE
CA	CANADÁ
CC	ILHAS COCOS
CF	REPÚBLICA CENTRO AFRICANA
CG	CONGO
CH	SUÍÇA
CI	COSTA DO MARFIM
CK	ILHAS COOK
CL	CHILE
CM	CAMARÕES
CN	CHINA
CO	COLÔMBIA
CR	COSTA RICA
CU	CUBA
CV	CABO VERDE
CX	ILHA NATAL
CY	CHIPRE
CZ	REPÚBLICA TCHECA
DE	ALEMANHA
DJ	DJIBUTI
DK	DINAMARCA
DM	DOMINICA
DO	REPÚBLICA DOMINICANA
DZ	ARGÉLIA
EC	EQUADOR
EE	ESTÔNIA
EG	EGITO
EH	SAARA OCIDENTAL
EP	ORGANIZAÇÃO EUROPÉIA DE PATENTES
ER	ERITRÉIA
ES	ESPANHA
ET	ETIÓPIA
FI	FINLÂNDIA
GG	CHANNEL ISLAND OF GUERNSEY
FJ	FIJI
FK	ILHAS MALVINAS
FM	MICRONÉSIA (EST. DA FEDERAÇÃO)
FO	ILHAS FAROE
FR	FRANÇA
GA	GABÃO
GB	REINO UNIDO
GD	GRANADA
GE	GEÓRGIA
GF	GUIANA FRANCESA
GH	GANA
GI	GIBRALTAR
GL	GROELÂNDIA
GM	GÂMBIA
GN	GUINÉ
GP	GUADALUPE
GQ	GUINÉ EQUATORIAL
GR	GRÉCIA
GS	GEORGIA DO SUL E ILHAS SANDWICH DO SUL
GT	GUATEMALA
GU	GUAM
GW	GUINÉ BISSAU
GY	GUIANA
HK	HONG-KONG
HM	ILHAS HEARD E MC DONALD
HN	HONDURAS
HR	CROÁCIA
HT	HAITI
HU	HUNGRIA
ID	INDONÉSIA
IE	IRLANDA
IL	ISRAEL
IM	ILHA DO HOMEM
IN	ÍNDIA
IO	TERRIT. BRITAN. OCEANO ÍNDICO
IQ	IRAQUE
IR	IRÃ (REPÚBLICA ISLÂMICA DO)
IS	ISLÂNDIA
IT	ITÁLIA
JM	JAMAICA
JO	JORDÂNIA
JP	JAPÃO
KE	QUÊNIA
KG	QUIRGUISTÃO
KH	CAMBOJA
KI	KIRIBATI
KM	COMORES
KN	SÃO CRISTÓVÃO E NEVIS
KP	REPÚBLICA POPULAR DEM. DA CORÉIA
KR	REPÚBLICA DA CORÉIA
KW	KUWAIT
KY	ILHAS CAIMAN
KZ	CAZAQUISTÃO
LA	LAOS
LB	LÍBANO
LC	SANTA LÚCIA
LI	LIECHTENSTEIN
LK	SRI LANKA
LR	LIBÉRIA
LS	LESOTO
LT	LITUÂNIA
LU	LUXEMBURGO
LV	LETÔNIA
LY	LÍBIA
MA	MARROCOS
MC	MÔNACO
MD	REPÚBLICA DA MOLDOVA
MG	MADAGASCAR
MH	ILHAS MARSHALL
MK	ANT.IUGOSLÁVIA (REP.MACEDÔNIA)
ML	MALI
MM	MIANMÁ
MN	MONGÓLIA
MO	MACAU
MP	ILHAS MARIANAS DO NORTE
MQ	MARTINICA
MR	MAURITÂNIA
MS	MONT SERRAT
MT	MALTA
MU	MAURÍCIO
MV	MALDIVAS
MW	MALÁWI
MX	MÉXICO
MY	MALÁSIA
MZ	MOÇAMBIQUE
NA	NAMÍBIA
NC	NOVA CALEDÔNIA
NE	NÍGER
NF	ILHA NORFALK
NG	NIGÉRIA
NI	NICARÁGUA
NL	HOLANDA
NO	NORUEGA
NP	NEPAL
NR	NAURU
NU	NIUE
NZ	NOVA ZELÂNDIA
OM	OMÃ
PA	PANAMÁ
PB	PAÍSES BAIXOS
PE	PERU
PF	POLINÉSIA FRANCESA
PG	PAPUA NOVA GUINÉ
PH	FILIPINAS
PK	PAQUISTÃO
PL	POLÔNIA
PM	SAINT PIERRE E MIQUELON
PN	PITCAIRN
PR	PORTO RICO
PS	TERRITÓRIO OCUPADO PALESTINO
PT	PORTUGAL
PW	PALAU
PY	PARAGUAI
QA	CATAR
RE	REUNIÃO
RO	ROMÊNIA
RU	FEDERAÇÃO RUSSA
RW	RUANDA
SA	ARÁBIA SAUDITA
SB	ILHAS SALOMÃO
SC	SEYCHELLES
SD	SUDÃO
SE	SUÉCIA
SG	SINGAPURA
SH	SANTA HELENA
SI	ESLOVENIA
SJ	SVALBARD E JAN MAYEN
SK	ESLOVÁQUIA
SL	SERRA LEOA
SM	SÃO MARINO
SN	SENEGAL
SO	SOMÁLIA
SR	SURINAME
ST	SÃO TOMÉ E PRÍNCIPE
SV	EL SALVADOR
SY	SÍRIA
SZ	SUAZILÂNDIA
TC	ILHAS TURKS E CAICOS
TD	CHADE
TF	TERRAS AUSTRAIS FRANCESAS
TG	TOGO
TH	TAILÂNDIA
T	TADJIQUISTÀO
TK	TOKELAU
TL	TIMOR-LESTE
TM	TURCOMENISTÃO
TN	TUNÍSIA
TO	TONGA
TR	TURQUIA
TT	TRINIDAD E TOBAGO
TV	TUVALU
TW	TAIWAN, PROVÍNCIA DA
TZ	REPÚBLICA UNIDA DA TANZÂNIA
UA	UCRÂNIA
UG	UGANDA
UM	ILHAS MENORES AFASTADAS / EUA
US	ESTADOS UNIDOS
UY	URUGUAI
UZ	UZBEQUISTÃO
VA	VATICANO
VC	SÃO VICENTE E GRANADINAS
VE	VENEZUELA
VG	ILHAS VIRGENS (BRITÂNICAS)
VI	ILHAS VIRGENS (U.S.)
VN	VIETNÃ
VU	VANUATU
WF	ILHAS WALLIS E FUTURA
WS	SAMOA OCIDENTAL
YE	IÊMEN
YT	MAYOTTE
YU	YUGOSLÁVIA
ZA	ÁFRICA DO SUL
ZM	ZÂMBIA
ZR	ZAIRE
ZW	ZIMBÁBUE

"Lista dos Códigos de Duas-Letras para representação dos Paises, Entidades e Organizações Intergovernamentais baseada no Padrão ST.3 recomendado pela OMPI e na ISSO 3166-1."