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Office Record

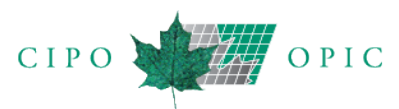
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du Bureau des brevets



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Canada



THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

Avis

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,696,803 (Published June 18, 2013)
2,783,387

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,696,803 (Publié le 18 juin 2013)
2,783,387

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After November 1, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1490*
For each additional sheet over 30	\$17
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 novembre 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1490 \$*
Pour chaque feuille au delà de 30	17 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$224

6. Preliminary examination fee \$800
(Rule 58)

* International fees will be reduced by:

- \$112 for all applications filed using PCT-EASY,
- \$224 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$336 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 224 \$

6. Taxe d'examen préliminaire 800 \$
(Règle 58)

* Les frais seront réduits de:

- 112 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 224 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 336 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégié étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Québec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Québec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trademark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Notices

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

Avis

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
 - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
 - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
 - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
 - 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
 - 6) **Quebec:** June 24 (St. John the Baptist Day)
 - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
 - 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
 - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
 - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
 - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
 - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
 - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
 - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
 - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d’agir en tant qu’agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l’article 15 de la *Loi sur les brevets* prévoit qu’un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l’article 2 des *Règles sur les brevets*, « agent de brevets » s’entend de toute personne ou maison d’affaires dont le nom est inscrit au registre des agents de brevets aux termes de l’article 15. L’alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l’article 33 de l’annexe II, le nom de **toute maison d’affaires dont le nom d’au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d’enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l’alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l’article 19 de l’annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d’au moins un membre est inscrit sur la liste à titre d’agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu’agents auprès des Bureaux, à condition que l’un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu’elles ont le droit d’agir en tant qu’agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifrice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Avis

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called [PCT e-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [renouvellement de l'enregistrement d'une marque de commerce](#);
- [demande d'inscription d'un nom à la liste des agents de marques de commerce](#);
- [renouvellement annuel d'un agent de marques de commerce](#);
- [commande de copies de documents de marques de commerce](#);
- [dépôt d'une déclaration d'emploi](#);
- [l'enregistrement d'une marque de commerce](#);
- [dépôt d'une déclaration d'opposition](#); et
- [demande de prolongation de délai dans une procédure d'opposition](#).

Notices

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or communication signal](#);
- [Filing a grant of interest](#);
- [Request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#);
- and
- [general correspondence relating to copyrights](#).

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#); et
- [correspondance générale relative aux droits d'auteur](#).

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

Topographies de circuits intégrés

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 3, 2013 contains applications open to public inspection from November 17, 2013 to November 23, 2013.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le [Centre de services à la clientèle de l'OPIC](#).

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 3 décembre 2013 contient les demandes disponibles au public pour consultation pour la période du 17 novembre 2013 au 23 novembre 2013.

Canadian Patents Issued

December 3, 2013

Brevets canadiens délivrés

3 décembre 2013

[11] **2,213,610**
[13] C

[51] **Int.Cl. C12N 15/18 (2006.01) C12N 5/071 (2010.01) A01K 67/027 (2006.01) A61K 35/39 (2006.01) A61K 38/17 (2006.01) A61K 38/18 (2006.01) C07H 21/00 (2006.01) C07K 14/47 (2006.01) C07K 14/475 (2006.01) C07K 16/18 (2006.01) C07K 16/22 (2006.01) C12N 5/10 (2006.01) C12N 5/12 (2006.01) C12N 15/12 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **INGAP PROTEIN INVOLVED IN PANCREATIC ISLET NEOGENESIS**

[54] **PROTEINE INGAP IMPLIQUEE DANS LA NEOGENESE DES ILOTS PANCREATIQUES**

[72] VINIK, AARON I., US

[72] PITTENGER, GARY L., US

[72] RAFAELOFF, RONIT, US

[72] DUGUID, WILLIAM P., CA

[72] ROSENBERG, LAWRENCE, CA

[73] EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS, US

[73] MCGILL UNIVERSITY, CA

[85] 1997-08-22

[86] 1996-02-12 (PCT/US1996/001528)

[87] (WO1996/026215)

[30] US (08/401,530) 1995-02-22

[30] US (60/006,271) 1995-11-07

[11] **2,223,424**
[13] C

[51] **Int.Cl. H04N 21/235 (2011.01) H04N 21/40 (2011.01) H04N 5/44 (2011.01)**

[25] EN

[54] **TELEVISION SYSTEM WITH DOWNLOADABLE FEATURES**

[54] **SYSTEME DE TELEVISION AVEC POSSIBILITE DE TELECHARGEMENT**

[72] KLOSTERMAN, BRIAN L., US

[72] MILNES, KENNETH A., US

[73] STARSIGHT TELECAST, INCORPORATED, US

[85] 1997-12-03

[86] 1996-06-06 (PCT/US1996/009657)

[87] (WO1996/041472)

[30] US (08/482,268) 1995-06-07

[11] **2,240,834**
[13] C

[51] **Int.Cl. A61K 39/385 (2006.01) A61K 38/20 (2006.01) A61K 39/00 (2006.01) A61K 39/08 (2006.01) A61K 39/39 (2006.01) A61K 39/44 (2006.01) A61K 47/48 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/42 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **USE OF IMMUNOCONJUGATES TO ENHANCE THE EFFICACY OF MULTI-STAGE CASCADE BOOSTING VACCINES**

[54] **UTILISATION D'IMMUNOCONJUGUES POUR ACCROITRE L'EFFICACITE DES VACCINS MULTIETAPES STIMULANT LES REACTIONS IMMUNITAIRES EN CASCADE**

[72] HANSEN, HANS J., US

[73] IMMUNOMEDICS, INC., US

[85] 1998-06-18

[86] 1996-12-20 (PCT/US1996/019755)

[87] (WO1997/023237)

[30] US (08/577,106) 1995-12-22

[11] **2,279,084**
[13] C

[51] **Int.Cl. B05D 7/14 (2006.01) B05D 3/00 (2006.01) B05D 3/02 (2006.01) B64C 1/00 (2006.01) B64F 5/00 (2006.01) C22C 21/00 (2006.01) C22F 1/04 (2006.01) C22F 1/053 (2006.01)**

[25] EN

[54] **METHOD FOR COATING FAYING SURFACES OF ALUMINUM-ALLOY COMPONENTS AND FAYING SURFACES COATED THEREBY**

[54] **METHODE POUR LE REVETEMENT DE SURFACES DE CONTACT DE COMPOSANTES EN ALLIAGE D'ALUMINIUM ET SURFACES DE CONTACT REVETUES A L'AIDE DE CETTE METHODE**

[72] KEENER, STEVEN G., US

[72] BYRD, NORMAN R., US

[73] MCDONNELL DOUGLAS CORPORATION, US

[86] (2279084)

[87] (2279084)

[22] 1999-07-29

[30] US (09/151,343) 1998-09-11

[11] **2,304,796**
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A01K 67/027 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C12N 15/62 (2006.01) G01N 33/50 (2006.01) G01N 33/576 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **HEPATITIS C RECEPTOR PROTEIN CD81**

[54] **PROTEINE RECEPTRICE CD81 DE L'HEPATITE C**

[72] ABRIGNANI, SERGIO, IT

[72] GRANDI, GUIDO, IT

[73] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT

[85] 2000-03-27

[86] 1998-10-06 (PCT/IB1998/001628)

[87] (WO1999/018198)

[30] GB (9721182.5) 1997-10-06

[30] GB (9813560.1) 1998-06-23

**Canadian Patents Issued
December 3, 2013**

[11] **2,304,956**
[13] C

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING ISCHEMIC DISEASES**
[54] **AGENTS PREVENTIFS OU REMEDES POUR LES MALADIES ISCHEMIQUES**
[72] YOSHIDA, YOSHIHIRO, JP
[72] IKEMATSU, SHINYA, JP
[72] SAKUMA, SADATOSHI, JP
[72] ODA, MUNEHIRO, JP
[73] MEDICAL THERAPIES LIMITED, AU
[85] 2000-03-24
[86] 1998-09-25 (PCT/JP1998/004299)
[87] (WO1999/016463)
[30] JP (9/279435) 1997-09-26

[11] **2,326,627**
[13] C

[51] **Int.Cl. C12N 9/08 (2006.01) C07H 21/00 (2006.01) C07K 14/245 (2006.01) C12N 15/31 (2006.01) C12Q 1/68 (2006.01)**
[25] FR
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[72] BARNHORST, JEFFREY A., US
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[72] SMITH, VICTORIA, US
[72] WOOD, WILLIAM L., US
[73] GENENTECH, INC., US

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[54] **SYSTEMES MEDIAS INTERACTIFS ET PROCEDES PERMETTANT DE REPRESENTER UN CONTENU DE TEMPS DE PAUSE**

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[54] **POLYPEPTIDE NOUVEAU ET PROCESSUS DE PRODUCTION CONNEXE**

[72] TANIHARA, MASAO, JP
[72] OTSUKI, CHIKARA, JP
[72] MIKAMI, HIROSHI, JP
[72] KINOSHITA, HISAO, JP
[73] JNC CORPORATION, JP

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[54] **PLAQUETTE ET METHODE**

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[72] AUGENSTEIN, DONALD R., US
[72] BERGSTROM, KEITH, US
[72] HASTINGS, CALVIN R., US
[72] LAIRD, CHRISTOPHER B., US
[72] LANE, BENJAMIN, US
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[54] **CONTENANT COMPRENANT DES SECTIONNS RENFORCEES ET PLIABLES**

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[54] **METHODE DE MODIFICATION DE L'IMPEDANCE DE DISPOSITIFS A SEMICONDUCTEURS A L'AIDE D'UNE SOURCE CHAUFFANTE FOCALISEE**

[72] LACOURSE, ALAIN, CA
[72] LANGLOIS, HUGUES, CA
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[54] **MIXTURES OF INSULIN DRUG-OLIGOMER CONJUGATES COMPRISING POLYALKYLENE GLYCOL, USES THEREOF, AND METHODS OF MAKING SAME**

[54] **MELANGES DE CONJUGUES DE MEDICAMENT A BASE D'INSULINE ET D'OLIGOMERE COMPRENANT DU POLYALKYLENE GLYCOL, ET UTILISATIONS ET PROCEDES DE PREPARATION DE CEUX-CI**

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[72] ANSARI, ASLAM M., US
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[72] SICK, STEFAN, DE
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[54] **COMPOSITIONS OTOPROTECTRICES DE COMPOSES IMITANT LA GLUTATHIONE PEROXYDASE POUR AMELIORER LE PERTE D'AUDITION**
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[73] SOUND PHARMACEUTICALS INCORPORATED, US
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[54] **PROCEDE DE DETERMINATION DE LA VITESSE DE DISSOLUTION D'UN PRODUIT SOLIDE DE TRAITEMENT DE L'EAU**
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[73] NALCO COMPANY, US
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[73] GENOMIC EXPRESSION APS, DK
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[54] **COMPOSITIONS ET METHODES ASSOCIEES A TIM-3, MOLECULE DE SURFACE CELLULAIRE SPECIFIQUE A TH1**
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[72] MONNEY, LAURENT, US
[72] GREENFIELD, EDWARD A., US
[72] GAGLIA, JASON L., US
[72] FREEMAN, GORDON J., US
[72] WALDNER, HANSPETER, US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **SYSTEME DE CYTOLOGIE CENTRIFUGE, UNITE CHAMBRE ET PROCEDE PERMETTANT DE PREPARER DES COUCHES SIMPLES TRAITEES D'UN MATERIAU ECHANTILLON**
[72] LEIF, ROBERT CARY, US
[73] NEWPORT INSTRUMENTS, US
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[54] **SYSTEME PERMETTANT D'IDENTIFIER DES PARAPHRASES A L'AIDE DE TECHNIQUES DE TRADUCTION AUTOMATIQUE**
[72] QUIRK, CHRISTOPHER B., US
[72] BROCKETT, CHRISTOPHER J., US
[72] DOLAN, WILLIAM B., US
[73] MICROSOFT CORPORATION, US
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[54] **METHOD AND APPARATUS FOR DETERMINING THE POSITION OF A SURGICAL TOOL RELATIVE TO A TARGET VOLUME INSIDE AN ANIMAL BODY**
[54] **METHODE ET APPAREIL POUR DETERMINER LA POSITION D'UN INSTRUMENT CHIRURGICAL PAR RAPPORT A UN VOLUME CIBLE DANS UN ORGANISME ANIMAL**
[72] VAN DER LUGT, WILCO, NL
[72] SCHUURMAN, JEROEN, NL
[72] HENNING, JOHAN, NL
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[54] **EMBRYONS TRANSGENIQUES DE XENOPE ET LEURS UTILISATIONS POUR LA DETECTION DE PERTURBATEURS ENDOCRINIENS DANS L'ENVIRONNEMENT**
[72] DEMENEIX, BARBARA, FR
[72] TURQUE, NATHALIE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **LIGANDS CETONE POUR MODULER L'EXPRESSION DE GENES EXOGENES PAR LE BIAIS D'UN COMPLEXE DE RECEPTEURS A L'ECDYSONE**

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[72] MICHELOTTI, ENRIQUE L., US
[72] HORMANN, ROBERT E., US
[73] INTREXON CORPORATION, US
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[54] **PEPTIDE DE PLANTE A ACTIVITE ANTI-MICROBIENNE**

[72] GALLOIS, PATRICK, GB
[72] HECHT, VALERIE, AD
[72] VAROQUAUX, FABRICE, FR
[72] BLANVILLAIN, ROBERT, US
[72] PUERTOLAS, DELPHINE, FR
[72] DELORME, VALERIE, FR
[72] ROBY, DOMINIQUE, FR
[72] DELSENY, MICHEL, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **A BELT CONVEYOR FOR TRANSFERRING A WEB THREADING TAIL IN A WEB MANUFACTURING MACHINE AND A METHOD FOR CHANGING THE BELT LOOP OF A BELT CONVEYOR FOR A WEB THREADING TAIL IN A WEB MANUFACTURING MACHINE**

[54] **TRANSPORTEUR A COURROIE SERVANT A TRANSFERER UNE QUEUE D'ENGAGEMENT DE BOBINE DANS UNE MACHINE DE FABRICATION DE BOBINES ET METHODE PERMETTANT DE TRANSFORMER LA BOUCLE DE LA COURROIE D'UN TRANSPORTEUR EN QUEUE D'ENGAGEMENT DE BOBINE DANS UNE MACHINE A FABRIQUER LES BOBINES**

[72] MCGARRIGLE, BOB, AU
[72] TAEHKAEPAAEAE, MIKKO, FI
[72] KOLJONEN, VELI-PEKKA, FI
[72] JUNTTONEN, MIKAEL, FI
[72] LEHTONEN, MATTI, FI
[73] METSO PAPER, INC., FI
[86] (2493858)
[87] (2493858)
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[72] JACKSON, GEORGE W., CA
[73] JACKSON, GEORGE W., CA
[86] (2496089)
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[72] BRINKLEY, WAYNE, AU
[72] GALE, BRUCE, AU
[73] CUTTING EDGES EQUIPMENT PARTS PTY LIMITED, AU
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[25] EN
[54] **HUMAN PAPILLOMAVIRUS POLYPEPTIDES AND IMMUNOGENIC COMPOSITIONS**
[54] **POLYPEPTIDES DU PAPILLOMAVIRUS HUMAIN ET COMPOSITIONS IMMUNOGENES**
[72] SMITH, LARRY, US
[72] CASSETTI, MARIA CRISTINA, US
[72] MCELHINEY, SUSAN P., US
[72] PULLEN, JEFFREY K., US
[73] WYETH HOLDINGS CORPORATION, US
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[54] **PROCESS FOR THE BIOLOGICAL PRODUCTION OF 1,3-PROPANEDIOL WITH HIGH YIELD**
[54] **PROCEDE DE PRODUCTION BIOLOGIQUE A HAUT RENDEMENT DE 1,3-PROPANEDIOL**
[72] CERVIN, MARGUERITE A., CA
[72] SOUCAILLE, PHILLIPE, US
[72] VALLE, FERNANDO, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[73] GENENCOR INTERNATIONAL, INC., US
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[54] **AIRCRAFT PROCESS AND DEVICE FOR ASSISTING PARACHUTE DROPS**
[54] **PROCEDE ET DISPOSITIF DE GUIDAGE D'UN AERONEF POUR L'AIDE AU PARACHUTAGE**
[72] ARTINI, FRANCK, FR
[72] STRONGMAN, EDWARD, FR
[73] AIRBUS OPERATIONS SAS, FR
[86] (2503065)
[87] (2503065)
[22] 2005-04-08
[30] FR (04 05383) 2004-05-18

[11] **2,504,270**
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[54] **PEPTIDE FRAGMENTS OF THE HARP FACTOR INHIBITING ANGIOGENESIS**
[54] **FRAGMENTS PEPTIDIQUES DU FACTEUR HARP INHIBANT L'ANGIOGENESE**
[72] COURTY, JOSE, FR
[72] BARRITAU, DENIS, FR
[72] PIERROT, ISABELLE, FR
[72] DELBE, JEAN, FR
[72] MILHIET, PIERRE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[54] **MAGNETISM BASED RAPID CELL SEPARATION**

[54] **SEPARATION CELLULAIRE RAPIDE A BASE DE MAGNETISME**

[72] ZHANG, XU, CN

[72] XIE, XIN, CN

[72] CHEN, DEPU, CN

[72] FEI, WEIYANG, CN

[72] CHENG, JING, CN

[73] TSINGHUA UNIVERSITY, CN

[73] CAPITALBIO CORPORATION, CN

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[54] **HYDRO PROCESSING OF HYDROCARBON USING A MIXTURE OF CATALYSTS**

[54] **HYDROTRAITEMENT D'HYDROCARBONES AU MOYEN D'UN MELANGE DE CATALYSEURS**

[72] PLANTENGA, FRANS LODEWIJK, NL

[72] FUJITA, KATSUHISA, JP

[72] ABE, SATOSHI, JP

[73] ALBEMARLE NETHERLANDS B.V., NL

[73] NIPPON KETJEN CO., LTD., JP

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[54] **VEHICLE WARNING SYSTEM**

[54] **SYSTEME D'AVERTISSEMENT DE VEHICULE**

[72] FRANCZYK, FRANK M., CA

[72] VANSTONE, JAMES D., CA

[73] PERSEN TECHNOLOGIES INCORPORATED, CA

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[25] FR

[54] **PROCESS AND DEVICE FOR DETECTING DETERIORATION IN AIRCRAFT PERFORMANCE LEVELS**

[54] **PROCEDE ET DISPOSITIF DE DETECTION DE DEGRADATION DE PERFORMANCES D'UN AERONEF**

[72] PETIT, GERARD, FR

[73] AVIONS DE TRANSPORT REGIONAL, FR

[86] (2510304)

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[13] C

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[25] EN

[54] **METHOD AND APPARATUS FOR MULTI-SENSORY SPEECH ENHANCEMENT**

[54] **METHODE ET APPAREIL POUR L'AMELIORATION DE LA PAROLE AU MOYEN DE PLUSIEURS CAPTEURS**

[72] ACERO, ALEJANDRO, US

[72] DROPPA, JAMES G., US

[72] HUANG, XUEDONG DAVID, US

[72] ZHANG, ZHENGYOU, US

[72] LIU, ZICHENG, US

[73] MICROSOFT CORPORATION, US

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[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING AN UPLINK TRANSMISSION POWER RATIO IN A MOBILE COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL DE COMMANDE DU RAPPORT DE PUISSANCES D'UNE EMISSION DE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION MOBILE**

[72] KWON, HWAN-JOON, KR

[72] KIM, YOUN-SUN, KR

[72] KIM, DONG-HEE, KR

[73] SAMSUNG ELECTRONICS CO., LTD., KR

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[25] FR

[54] **NOVEL BENZIMIDAZOLE AND IMIDAZOPYRIDINE DERIVATIVES AND USE THEREOF AS A MEDICAMENT**

[54] **NOUVEAUX DERIVES DE BENZIMIDAZOLE ET D'IMIDAZO-PYRIDINE ET LEUR UTILISATION EN TANT QUE MEDICAMENT**

[72] POITOUT, LYDIE, FR
[72] BRAULT, VALERIE, FR
[72] SACKUR, CAROLE, FR
[72] ROUBERT, PIERRE, FR
[72] PLAS, PASCALE, FR
[73] IPSEN PHARMA S.A.S, FR
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[54] **Liste des canaux de navigation a court terme**

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[73] SCIENTIFIC-ATLANTA, INC., US
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[54] **TRAITEMENT PAR STIMULATION MAGNETIQUE FACILITE**

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[73] NEURONETICS, INC., US
[85] 2005-09-07
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[13] C

[51] **Int.Cl. E21B 4/00 (2006.01)**

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[54] **METHOD AND SYSTEM FOR REVERSE CIRCULATION DRILLING**

[54] **METHODE ET SYSTEME DE FORAGE AVEC CIRCULATION INVERSE**

[72] AMAUDRIC DU CHAFFAUT, BENOIT, FR
[72] WITTRISCH, CHRISTIAN, FR
[73] IFP ENERGIES NOUVELLES, FR
[86] (2518879)
[87] (2518879)
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[13] C

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[54] **NOGO RECEPTOR BINDING PROTEIN**

[54] **PROTEINE DE LIAISON DE RECEPTEUR DE NOGO**

[72] MI, SHA, US
[72] MCCOY, JOHN, US
[72] PEPINSKY, R. BLAKE, US
[72] LEE, DANIEL H. S., US
[72] LUGOVSKOY, ALEXEY A., US
[73] BIOGEN IDEC MA INC., US
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[54] **METHOD AND DEVICE FOR IMAGE PROCESSING IN A GEODETICAL MEASURING APPLIANCE**

[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGE D'UN APPAREIL DE MESURE GEODESIQUE**

[72] WALSER, BERND, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2005-09-16
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[54] **ILLUMINATION DEVICE AND CONTROL METHOD**
[54] **DISPOSITIF D'ILLUMINATION ET METHODE DE COMMANDE CONNEXE**
[72] PLOETZ, LUDWIG, DE
[72] BIEBL, ALOIS, DE
[72] PHILIPP, ANDRE, DE
[73] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[86] (2521588)
[87] (2521588)
[22] 2005-09-29
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[54] **ELECTROSURGICAL SYSTEM EMPLOYING MULTIPLE ELECTRODES AND METHOD THEREOF**
[54] **SYSTEME ELECTROCHIRURGICAL FAISANT APPEL A PLUSIEURS ELECTRODES ET METHODE CONNEXE**
[72] ORSZULAK, JAMES H., US
[72] MCPHERSON, JAMES W., US
[73] SHERWOOD SERVICES AG, CH
[86] (2522245)
[87] (2522245)
[22] 2005-10-05
[30] US (60/616,967) 2004-10-08
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[54] **USER AUTHENTICATION BY COMBINING SPEAKER VERIFICATION AND REVERSE TURING TEST**
[54] **AUTHENTIFICATION D'UTILISATEUR PAR LA COMBINAISON D'UNE VERIFICATION AU HAUT-PARLEUR ET D'UN TEST DE TURING INVERSE**
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[73] MICROSOFT CORPORATION, US
[86] (2523972)
[87] (2523972)
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[54] **PROCEDES ET ELEMENTS DESTINES A AUGMENTER LA TOLERANCE DE PLANTES PAR RAPPORT A DES CONDITIONS DE STRESS**
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[73] BAYER CROPSCIENCE NV, BE
[85] 2005-10-06
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[25] EN
[54] **A MICRO-ELECTRO-MECHANICAL-SYSTEM TWO DIMENSIONAL MIRROR WITH ARTICULATED SUSPENSION STRUCTURES FOR HIGH FILL FACTOR ARRAYS**
[54] **MIROIR BIDIMENSIONNEL A SYSTEME MICRO-ELECTRO-MECANIQUE AYANT DES STRUCTURES DE SUSPENSION ARTICULEES DESTINEES A DES RESEAUX A FACTEUR DE REMPLISSAGE ELEVE**
[72] MALA, MOHIUDDIN, CA
[72] DUCCELLIER, THOMAS, CA
[72] HNATIW, ALAN, CA
[72] PEALE, DAVID, US
[73] JDS UNIPHASE CORPORATION, US
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[54] **DYNAMIC CONTENT CHANGE NOTIFICATION**
[54] **AVERTISSEMENT DE CHANGEMENT DE CONTENU DYNAMIQUE**
[72] DAY, DEETTE M., US
[72] AXELROD, EYAL Z., US
[72] GIL, GERMAN A., US
[72] FLUEGEL, JASON C., US
[72] TORRES, MICHAEL I., US
[72] ROSATO, STEPHEN P., US
[72] JEYASEELAN, THOMAS A., US
[73] MICROSOFT CORPORATION, US
[86] (2525000)
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[30] US (10/978558) 2004-11-01

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[54] **INFUSEUR A CAFE**
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[72] BUSICK, LOUIS M., US
[73] AROMA FRESH, LLC, US
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[54] **OPHTHALMIC COMPOSITIONS
CONTAINING A SYNERGISTIC
COMBINATION OF THREE
POLYMERS**
[54] **COMPOSITIONS
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CONTENANT UNE ASSOCIATION
SYNERGIQUE DE TROIS
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[72] CHEN, HUAGANG, US
[73] ALCON, INC., CH
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[25] EN
[54] **MEASURING DEVICE FOR NON-
DESTRUCTIVELY DETERMINING
THE WEIGHT-IN QUANTITY IN
CAPSULES**
[54] **DISPOSITIF DE MESURE POUR
DETERMINER DE MANIERE
NON-DESTRUCTIVE LA
QUANTITE PESEE DANS DES
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[73] BOEHRINGER INGELHEIM
INTERNATIONAL GMBH, DE
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[25] EN
[54] **MULTI-SOUND EFFECT SYSTEM
INCLUDING DYNAMIC
CONTROLLER FOR AN
AMPLIFIED GUITAR**
[54] **SYSTEME MULTI-EFFETS
SONORES COMPRENANT UN
CONTROLEUR DYNAMIQUE
POUR UNE GUITARE AMPLIFIEE**
[72] SHAVIT, DANIEL, IL
[73] SHAVIT, DANIEL, IL
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[25] EN
[54] **A TECHNIQUE FOR
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USING PHASE WINDUP**
[54] **TECHNIQUE DE
DETERMINATION DU LACET
RELATIF A PARTIR DE
DIFFERENCES DE PHASE**
[72] DEIMERT, KIM, CA
[72] SMITH, BRIAN D., CA
[73] NOVATEL INC., CA
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[54] **NOVEL AMINO BENZOPHENONE
COMPOUNDS**
[54] **NOUVEAUX COMPOSES
D'AMINO BENZOPHENONE**
[72] OTTOSEN, ERIK RYTTER, DK
[72] HORNEMAN, ANNE MARIE, DK
[72] LIANG, XIFU, DK
[72] SCHOU, SOEREN CHRISTIAN, DK
[72] HAVEZ, SOPHIE ELISABETH, DK
[72] SABROE, THOMAS PETER, DK
[73] LEO PHARMA A/S, DK
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[25] EN
[54] **METHODS AND SYSTEMS FOR
GATHERING MARKET
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[54] **PROCEDES ET SYSTEMES DE
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[72] JENSEN, JAMES M., US
[72] FLANAGAN III, EUGENE L., US
[73] ARBITRON INC., US
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[54] **CRYOSONDE DEMONTABLE**
[72] DAMASCO, SANFORD D., US
[72] DUONG, THACH, US
[72] BATTLES, DAVID J., US
[72] MIKUS, PAUL W., US
[72] KURTZER, JEFFREY, US
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[51] **Int.Cl. A61M 5/315 (2006.01)**
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[54] **DEVICE FOR EXPELLING A LIQUID OR PASTY SUBSTANCE**
[54] **DISPOSITIF D'EJECTION D'UN PRODUIT LIQUIDE OU PATEUX**
[72] VOLCKMANN, JEAN-CLAUDE, FR
[72] ROSSET, YANNICK, CH
[73] WEILL, DAVID, CH
[85] 2006-01-03
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[30] FR (03/08686) 2003-07-16

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[54] **FLUX CORED, GAS SHIELDED WELDING ELECTRODE**
[54] **ELECTRODE A COEUR DE FLUX POUR SOUDAGE SOUS ATMOSPHERE**
[72] KAROGAL, NIKHIL, US
[73] LINCOLN GLOBAL, INC., US
[86] (2531990)
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[13] C

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[25] EN
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[54] **MOYENS DE CONSTRUCTION**
[72] MUIR, ANTHONY R., NZ
[73] RIDVAN GARDEN DEVELOPMENTS LIMITED, NZ
[86] (2532131)
[87] (2532131)
[22] 2006-01-04
[30] NZ (539125) 2005-03-31

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[13] C

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[54] **USE OF ROTIGOTINE FOR THE TREATMENT OF DEPRESSION**
[54] **UTILISATION DE ROTIGOTINE EN TRAITEMENT DE DEPRESSIONS**
[72] SCHELLER, DIETER, DE
[72] BREIDENBACH, ALEXANDER, DE
[72] SELVE, NORMA, DE
[73] UCB PHARMA GMBH, DE
[85] 2006-01-10
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[25] EN
[54] **HIGH VELOCITY OXYGEN FUEL (HVOF) LIQUID FUEL GUN AND BURNER DESIGN**
[54] **BUSE POUR COMBUSTIBLE LIQUIDE A OXYGENE A HAUTE VITESSE ET CONCEPTION D'UN BRULEUR**
[72] RUSCH, WILLIAM P., US
[72] SPAULDING, MARK, US
[72] HACKER, MARTIN, US
[73] SULZER METCO (US) INC., US
[86] (2533253)
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[30] US (60/646,084) 2005-01-21

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[13] C

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[25] EN
[54] **MULTI PIECE CURVED MOLDINGS**
[54] **MOULURES CINTREES EN PLUSIEURS PARTIES**
[72] VAES, ED, CA
[73] VAES, ED, CA
[86] (2534001)
[87] (2534001)
[22] 2006-01-23
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[11] **2,535,143**
[13] C

[51] **Int.Cl. F04D 29/42 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **MULTI-SEGMENT COMPRESSOR CASING ASSEMBLY**
[54] **CARTER DE COMPRESSEUR SEGMENTE**
[72] SOROKES, JAMES, US
[73] DRESSER RAND COMPANY, US
[86] (2535143)
[87] (2535143)
[22] 2006-02-03

[11] **2,537,676**
[13] C

[51] **Int.Cl. H01J 61/35 (2006.01) H01K 1/32 (2006.01)**
[25] EN
[54] **LAMP WITH MULTI-LAYER PHOSPHOR COATING**
[54] **LAMPE COMPORTANT UN REVETEMENT MULTICOUCHE DE LUMINOPHORE**
[72] CHAU, CHUNG-NIN, US
[72] SALVI, PAUL W., US
[72] HUNT, ROGER B., JR., US
[73] OSRAM SYLVANIA INC., US
[86] (2537676)
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[54] **PERSONAL DIAGNOSTIC DEVICES AND RELATED METHODS**
[54] **DISPOSITIFS DE DIAGNOSTIC PERSONNEL ET PROCEDES CORRESPONDANTS**
[72] PHAN, BRIGITTE CHAU, US
[72] PAL, ANDREW ATILLA, US
[72] VALENCIA, RAMONCITO M., US
[72] BOLLELLA, DONALD, US
[73] LIFE PATCH INTERNATIONAL, INC., US
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[30] US (60/500,102) 2003-09-03
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[13] C
[51] **Int.Cl. B65F 1/16 (2006.01) A61J 1/14 (2006.01) A61L 11/00 (2006.01) B29C 33/22 (2006.01) B29C 33/42 (2006.01)**
[25] EN
[54] **INTEGRAL TORTUOUS PATH RECEPTACLE COVER**
[54] **COUVERCLE INTEGRE DE RECIPIENT AVEC PARCOURS SINUEUX D'INTRODUCTION DES DECHETS**
[72] FINNESTAD, M. BRIAN, US
[73] COVIDIEN AG, CH
[86] (2538278)
[87] (2538278)
[22] 2006-03-01
[30] US (11/099,072) 2005-04-05

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[25] EN
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[54] **ACIDES 4-((PHENOXYALKYL)THIO)-PHENOXYACETIQUES ET ANALOGUES**
[72] KUO, GEE-HONG, US
[72] ZHANG, RUI, US
[72] WANG, AIHUA, US
[72] DEANGELIS, ALAN R., US
[73] JANSSEN PHARMACEUTICA, N.V., BE
[85] 2006-03-17
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[30] US (60/504,146) 2003-09-19

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[25] EN
[54] **NUCLEIC ACID AND GENE DERIVED FROM NOVEL HCV STRAIN AND REPLICON-REPLICATING CELL USING SAID GENE**
[54] **ACIDE NUCLEIQUE ET GENE PROVENANT D'UNE NOUVELLE SOUCHE VHC ET CELLULE A REPLICATION AUTONOME COMPRENANT CE GENE**
[72] WAKITA, TAKAJI, JP
[72] KATO, TAKANOBU, JP
[72] DATE, TOMOKO, JP
[72] MIYAMOTO, MICHIKO, JP
[73] TORAY INDUSTRIES, INC., JP
[73] TOKYO METROPOLITAN INSTITUTE OF MEDICAL SCIENCE, JP
[85] 2006-03-17
[86] 2004-09-16 (PCT/JP2004/014003)
[87] (WO2005/028652)
[30] JP (2003-329082) 2003-09-19

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[13] C
[51] **Int.Cl. G07F 7/02 (2006.01)**
[25] EN
[54] **TOBACCO DISPENSER**
[54] **DISTRIBUTEUR DE CIGARETTES**
[72] WILLIS, CHRIS, GB
[72] KEETON, HADEN, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2006-03-30
[86] 2004-10-05 (PCT/GB2004/004224)
[87] (WO2005/036484)
[30] GB (0323633.8) 2003-10-09

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[13] C
[51] **Int.Cl. A61L 27/40 (2006.01) A61F 2/28 (2006.01) C12N 5/077 (2010.01)**
[25] EN
[54] **CELL PERMEABLE STRUCTURAL IMPLANT**
[54] **IMPLANT STRUCTUREL PERMEABLE AUX CELLULES**
[72] WINTERBOTTOM, JOHN M., US
[72] BELANEY, RYAN, US
[72] KNAACK, DAVID, US
[72] BOYCE, TODD M., US
[72] SHIMP, LAWRENCE A., US
[72] KAES, DAVID, US
[72] LEE, SAMUEL, CA
[73] WARSAW ORTHOPEDIC, INC., US
[85] 2006-03-30
[86] 2005-05-04 (PCT/US2005/015426)
[87] (WO2005/107651)
[30] US (60/568,472) 2004-05-04
[30] US (11/047,992) 2005-01-31

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[13] C
[51] **Int.Cl. E01C 9/08 (2006.01) E01C 5/20 (2006.01) E01C 5/22 (2006.01)**
[25] EN
[54] **CONSTRUCTIONAL PANELS**
[54] **PANNEAUX DE CONSTRUCTION**
[72] ARDERN, FERGUS JONATHAN, GB
[73] ARDERN, FERGUS JONATHAN, GB
[85] 2006-03-31
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[30] GB (0323314.5) 2003-10-04

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[25] FR
[54] **ADDITIVE FOR REDUCING CHROMIUM (VI) IONS INTO CHROMIUM (III) IONS**
[54] **ADJUVANT POUR REDUIRE LES IONS CHROME (VI) EN CHROME (III)**
[72] ANDREANI, PIERRE-ANTOINE, FR
[72] PELLERIN, BRUNO, FR
[72] AYME, KAREN, FR
[73] CHRYSO, FR
[86] (2542712)
[87] (2542712)
[22] 2006-04-13
[30] FR (05 03855) 2005-04-18

[11] **2,547,084**
[13] C

[51] **Int.Cl. E02D 17/08 (2006.01) E04H 12/22 (2006.01)**
[25] EN
[54] **TUBULAR INSERT FOR EXCAVATED HOLE WITH SAFETY COVER**
[54] **GARNITURE TUBULAIRE POUR TROU D'EXCAVATION AVEC COUVERCLE DE SECURITE**
[72] BARTELS, BERNARD GEORGE, CA
[72] BARTELS, DARREN BERNARD, CA
[72] BEAUDRY, MARC, CA
[72] VAN BUUREN, DARREN, CA
[73] 2193989 ONTARIO INC., CA
[86] (2547084)
[87] (2547084)
[22] 2006-05-16

[11] **2,548,665**
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[25] FR
[54] **ADVANCE IN FRICTION MATERIALS**
[54] **PERFECTIONNEMENT AUX MATERIAUX DE FRICTION**
[72] D'ALMEIDA, OSCAR, FR
[72] WOYDT, MATHIAS, DE
[72] AUDREN, JEAN-THIERRY, FR
[73] SAGEM DEFENSE SECURITE, FR
[86] (2548665)
[87] (2548665)
[22] 2006-05-31
[30] FR (05/05475) 2005-05-31

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[13] C

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[25] EN
[54] **TOEBOARD CLAMP SYSTEM**
[54] **SYSTEME DE VERROUILLAGE DE PLINTHES**
[72] WILSON, STEPHEN, CA
[73] ALUMA SYSTEMS INC., CA
[86] (2549260)
[87] (2549260)
[22] 2006-06-01

[11] **2,549,300**
[13] C

[51] **Int.Cl. A01C 23/04 (2006.01) A01M 7/00 (2006.01) G05D 16/20 (2006.01)**
[25] EN
[54] **ELECTRICALLY ACTUATED VARIABLE PRESSURE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE ELECTRIQUE PAR PRESSION VARIABLE**
[72] GRIMM, JEFFREY JOHN, US
[72] HENDERSON, GRAEME W., US
[73] CAPSTAN AG SYSTEMS, INC., US
[86] (2549300)
[87] (2549300)
[22] 2006-06-02
[30] US (60/688,259) 2005-06-07

[11] **2,550,990**
[13] C

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[25] EN
[54] **A HYBRID FASTENER**
[54] **ATTACHE HYBRIDE**
[72] WACKER, MARCO, DE
[72] RUSS, JOERG, DE
[73] HBW-GUBESCH THERMOFORMING GMBH, DE
[86] (2550990)
[87] (2550990)
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[30] DE (DE 20 2005 010 964.9) 2005-07-12

[11] **2,551,710**
[13] C

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[25] EN
[54] **BASIN CAPABLE OF CONTAINING AQUATIC ANIMALS, ESPECIALLY EXPERIMENTAL ANIMALS, AND RELATING HOUSING SYSTEM**
[54] **BASSIN POUVANT CONTENIR DES ANIMAUX AQUATIQUES, EN PARTICULIER DES ANIMAUX EXPERIMENTAUX, ET SYSTEME DE STABILATION CONNEXE**
[72] PIERETTO, DAVIDE, IT
[72] BROCCA, MARCO, IT
[73] TECNIPLAST S.P.A., IT
[86] (2551710)
[87] (2551710)
[22] 2006-07-10
[30] EP (05425502.1) 2005-07-12

[11] **2,551,995**
[13] C

[51] **Int.Cl. A61M 39/02 (2006.01)**
[25] EN
[54] **IMPROVED LUBRICIOUS OR/AND WETTABLE OR/AND ANTI-THROMBIN ELASTOMERIC GLAND MATERIALS IN LUER ACTIVATED DEVICES**
[54] **MATERIAUX ELASTOMERES DE PRESSE-GARNITURE POSSEDANT DE MEILLEURES PROPRIETES LUBRIFIANTES OU UNE MEILLEURE APTITUDE AU MOUILLAGE OU UNE MEILLEURE ACTIVITE ANTITHROMBINE, OU TOUTESCES QUALITES, ET POUVANT ETRE UTILISES DANS DES DISPOSITIFS DU TYPE LUER (LAD)**
[72] LEE, YANN-PER, US
[72] DESECKI, VINCE, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[86] (2551995)
[87] (2551995)
[22] 2006-07-13
[30] US (60/699,048) 2005-07-13

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[51] **Int.Cl. H02B 1/04 (2006.01)**
[25] EN
[54] **FASTENING ARRANGEMENT**
[54] **SYSTEME DE FIXATION**
[72] MATTLAR, HARRI, FI
[72] KOLMONEN, RAINER, FI
[72] SALO, JUHO, FI
[72] PIKKALA, OSMO, FI
[72] SUUTARINEN, AKI, FI
[72] ALANEN, JARKKO, FI
[72] KAJAN, RISTO, FI
[73] ABB OY, FI
[85] 2006-07-07
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[87] (WO2005/068851)
[30] FI (U20040016) 2004-01-19

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[13] C

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[25] EN
[54] **UREA GRANULATION PROCESS**
[54] **TRAITEMENT DE GRANULATION DE L'UREE**
[72] MEESSEN, JOZEF HUBERT, NL
[73] STAMICARBON B.V., NL
[85] 2006-07-18
[86] 2005-02-24 (PCT/NL2005/000136)
[87] (WO2005/092486)
[30] NL (1025805) 2004-03-25

[11] **2,554,002**
[13] C

[51] **Int.Cl. G10L 19/008 (2013.01) H04S 3/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONSTRUCTING A MULTI-CHANNEL OUTPUT SIGNAL OR FOR GENERATING A DOWNMIX SIGNAL**
[54] **APPAREIL ET PROCEDE POUR CONSTRUIRE UN SIGNAL DE SORTIE MULTICANAUX OU POUR GENERER UN SIGNAL MELANGE VERS LE BAS**
[72] HERRE, JUERGEN, DE
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[54] **AGRAFEUSES CHIRURGICALES COMPRENANT UNE CARTOUCHE A AGRAFES A DIMENSIONS MULTIPLES**
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[54] **METHOD OF ENRICHING AND/OR SEPARATING PROKARYOTIC DNA BY MEANS OF A PROTEIN WHICH SPECIFICALLY BINDS DNA CONTAINING NON-METHYLATED CPG MOTIFS**
[54] **METHODE D'ENRICHISSEMENT ET/OU DE SEPARATION DE L'ADN PROCARYOTE AU MOYEN D'UNE PROTEINE POUVANT SPECIFIQUE AVEC DE L'ADN CONTENANT DES MOTIFS CPG NON-METHYLES**
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[54] **PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE PAR VAPOREFORMAGE DANS UN REACTEUR-ECHANGEUR**
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[54] **NOUVELLE UTILISATION D'UNE COMPOSITION VISCO-ELASTIQUE**

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[72] WOODMAN, OWEN LLEWELLYN, AU

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[72] WATKINS, DEREK L., US

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[54] **PEPTIDES OU CONJUGUES PEPTIDIQUES DERIVES DE LA MSH ET LEUR UTILISATION DANS LE TRAITEMENT COSMETIQUE DE LA CANTIE**

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[72] MARTINEZ, JEAN, FR

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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

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[54] **DIARYLALCANES CONSTITUANT DES INHIBITEURS PUISSANTS D'ENZYMES BINUCLEAIRES**

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[54] **PROTEINES DE FUSION COMPRENANT DES MODULES CD4 MINIMAUX, ET PROCEDES D'UTILISATION CORRESPONDANTS**
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[72] CAPECCHI, BARBARA, US
[72] SHARMA, VICTORIA, US
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[54] **SYSTEME ET PROCEDE POUR LA SECURITE DE RESEAU ET LA DETECTION DE FRAUDE**
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[54] **COMPOSES ET PROCEDES POUR L'INHIBITION DE L'INTERACTION DE PROTEINES BCL AVEC DES PARTENAIRES DE LIAISON**
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[72] FOLEY, MICHAEL A., US
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[54] **NOUVEAU DERIVES ALKYNYL SERVANT DE MODULATEURS DE RECEPTEURS DE GLUTAMATE METABOTROPICIQUES**
[72] BESSIS, ANNE-SOPHIE, CH
[72] BOLEA, CHRISTELLE, CH
[72] BONNET, BEATRICE, CH
[72] EPPING-JORDAN, MARK, CH
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[54] **COMPOSITION DE REVETEMENT BIOCOMPATIBLE PHOTOACTIF**
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[54] **PROCEDURE DE REMPLACEMENT D'EXTREMITE D'ADMISSION DE POMPE AVEC MECANISME DE FIXATION DE ROUE**
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[73] VULCO SA, CL
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[54] **METHODE DE REGULATION POUR CONVERTISSEUR BRANCHE A UNE SOURCE DE TENSION C.C.**
[72] FLOTTEMESCH, JOERG, DE
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[54] **STERILE FREEZING, DRYING, STORING, ASSAYING AND FILLING PROCESS (SFD-SAF PROCESS) (PELLET FREEZE-DRYING PROCESS FOR PARENTERAL BIOPHARMACEUTICALS)**
[54] **PROCEDE STERILE DE LYOPHILISATION, STOCKAGE, ESSAI ET REMPLISSAGE (PROCEDE DE LYOPHILISATION SOUS FORME DE PASTILLES POUR BIOPHARMACEUTIQUES POUR ADULTES)**
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[72] FIRUS, ARIANE, DE
[72] DAUN, THOMAS, DE
[72] MUELLER, HEINZ, DE
[72] WANG, DEQIAN, US
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[54] **AMELIORATION DE L'EFFICACITE DANS LA STABILISATION DE MATIERES ORGANIQUES**
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[72] GNATOWSKI, MAREK J., CA
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[72] STEVENS, CECILIA L., CA
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[54] **SYSTEME D'ANALYSE D'UN FLUIDE CORPOREL NE PRECIPITANT PAS**
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[54] **SYSTEME DE CHARPENTERIE STRUCTURALE ET COMPOSANTS DE CE SYSTEME**
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[72] WELCH, SEAN MICHAEL, US
[73] FEDERAL-MOGUL CORPORATION, US
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[72] DAVEZE, FABIEN, FR
[72] FOUCART, VINCENT, FR
[72] BOTARGUES, PAULE, FR
[72] AVERSENG, DIDIER, FR
[73] AIRBUS OPERATIONS SAS, FR
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[72] AASSVEEN, LENE, NO
[72] LUNDHAUG, KAMILLA, NO
[72] AASTORP HIRTH, KJERSTI, NO
[73] XELLIA PHARMACEUTICALS APS, DK
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[54] **EDGE BAND FOR ABSORBENT ARTICLE AND METHOD FOR MAKING**
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[72] SCHNEIDER, UWE, US
[72] BRIDGES, RUSSELL PEARCE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2007-02-28
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[25] FR
[54] **METHOD FOR PROCESSING A SERIES OF CARDIAC RHYTHM SIGNALS (RR) AND THE USE THEREOF FOR ANALYSING A CARDIAC RHYTHM VARIABILITY, IN PARTICULAR FOR ASSESSING A PATIENT'S PAIN OR STRESS**
[54] **PROCEDE DE TRAITEMENT D'UNE SERIE RR ET SON APPLICATION A L'ANALYSE DE LA VARIABILITE DU RYTHME CARDIAQUE, ET EN PARTICULIER A L'EVALUATION DE LA DOULEUR OU DU STRESS CHEZ UN ETRE VIVANT**
[72] LOGIER, REGIS, FR
[72] JEANNE, MATHIEU, FR
[72] TAVERNIER, BENOIT, FR
[73] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE, FR
[73] UNIVERSITE DU DROIT ET DE LA SANTE DE LILLE II, FR
[85] 2007-03-19
[86] 2005-08-09 (PCT/FR2005/002056)
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[25] EN
[54] **ANTI-FOG REFRIGERATION DOOR AND METHOD OF MAKING THE SAME**
[54] **PORTE DE REFRIGERATION ANTIBUEE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] CORDING, CHRISTOPHER R., US
[73] AGC FLAT GLASS NORTH AMERICA, INC., US
[85] 2007-03-19
[86] 2005-09-20 (PCT/US2005/033236)
[87] (WO2006/034068)
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[25] EN

[54] **METHOD FOR MAKING A SAFETY VALVE AND A SAFETY VALVE**

[54] **PROCEDE DE FABRICATION DE SOUPAPE DE SURETE ET SOUPAPE DE SURETE**

[72] RANZONI, FRANCESCO, IT

[73] BIALETTI INDUSTRIE S.P.A., IT

[85] 2007-03-15

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[54] **ALLOYED TUNGSTEN PRODUCED BY CHEMICAL VAPOUR DEPOSITION**

[54] **TUNGSTENE EN ALLIAGE FABRIQUE PAR DEPOT CHIMIQUE EN PHASE VAPEUR**

[72] ZHUK, YURI, GB

[72] ALEKSANDROV, SERGEY, GB

[72] LAKHOTKIN, YURY, GB

[73] HARDIDE COATINGS LIMITED, GB

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[13] C

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[54] **METHODS FOR ALTERING SURFACE CHARACTERISTICS OF MICROSPHERES**

[54] **PROCEDES D'ALTERATION DE CARACTERISTIQUES SUPERFICIELLES DE MICROSPHERES**

[72] LUGADE, ANANDA G., US

[72] HOFFACKER, KURT D., US

[73] LUMINEX CORPORATION, US

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[11] **2,583,499**
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[25] EN

[54] **PLASMIDS CODING FOR P185NEU PROTEIN SEQUENCE VARIANTS AND THERAPEUTIC USES THEREOF**

[54] **PLASMIDES CODANT POUR DES VARIANTES DE SEQUENCES DE PROTEINES P185<SP>NEU</SP> ET LEURS UTILISATIONS THERAPEUTIQUES**

[72] AMICI, AUGUSTO, IT

[72] MARCHINI, CRISTINA, IT

[72] QUAGLINO, ELENA, IT

[72] CAVALLO, FEDERICA, IT

[72] FORNI, GUIDO, IT

[73] AMICI, AUGUSTO, IT

[73] MARCHINI, CRISTINA, IT

[73] QUAGLINO, ELENA, IT

[73] CAVALLO, FEDERICA, IT

[73] FORNI, GUIDO, IT

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[54] **FIBER OPTIC DROP CABLES AND PRECONNECTORIZED ASSEMBLIES HAVING TONING PORTIONS**

[54] **CABLES DE DERIVATION A FIBRES OPTIQUES ET SYSTEMES MUNIS AU PREALABLE DE CONNECTEURS COMPORTANT DES SECTIONS DE FREQUENCAGE**

[72] MELTON, STUART R., US

[72] TRAN, HIEU V., US

[72] THOMPSON, DAVID A., US

[72] WAGMAN, RICHARD S., US

[72] GIMBLET, MICHAEL J., US

[72] LIU, XIN, US

[73] CORNING CABLE SYSTEMS LLC, US

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[25] EN

[54] **METHOD FOR ESTABLISHING A CALL**

[54] **METHODE D'ETABLISSEMENT D'UN APPEL**

[72] LEIJONHUFVUD, CARL, SE

[73] AB AURORA INVEST, SE

[85] 2007-04-18

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[87] (WO2006/052178)

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[25] EN

[54] **ADDITIVE AND FUEL COMPOSITIONS CONTAINING DETERGENT AND FLUIDIZER AND METHOD THEREOF**

[54] **FORMULES D'ADDITIF ET DE CARBURANT CONTENANT UN DETERGENT ET UN FLUIDIFIANT, ET METHODES S'Y RAPPORTANT**

[72] GARRETT, DEBRA L., US

[72] JACKSON, MITCHELL M., US

[73] THE LUBRIZOL CORPORATION, US

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[54] **MEMBRANES BIOPOLYMERES**

[72] LI, SHU-TUNG, US

[72] YUEN, DEBBIE, US

[72] HANSEN, PEGGY, US

[73] COLLAGEN MATRIX, INC., US

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[72] REINHARDT, HOLGER, DE
[73] BAUERFEIND AG, DE
[86] (2584858)
[87] (2584858)
[22] 2007-04-12
[30] DE (10 2006 019 858.1) 2006-04-28

[11] **2,584,900**
[13] C

[51] **Int.Cl. G06T 11/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE OF
RECONSTRUCTING AN (N+1)-
DIMENSIONAL IMAGE
FUNCTION FROM RADON DATA
FUNCTON-IMAGE A (N+1)
DIMENSIONS A PARTIR DE
DONNEES RADON**
[72] XU, YUAN, US
[72] TISCHENKO, OLEG, DE
[72] HOESCHEN, CHRISTOPH, DE
[73] THE STATE OF OREGON ACTING
BY AND THROUGH THE STATE
BOARD OF HIGHER EDUCATION
ON BEHALF OF THE UNIVERSITY
OF OREGON, US
[73] HELMHOLTZ ZENTRUM
MUENCHEN DEUTSCHES
FORSCHUNGSZENTRUM FUER
GESUNDHEIT UND UMWELT
(GMBH), DE
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HORN**
[54] **CORNET A SURFACE CANNELEE
A FAISCEAU DIVERGENT**
[72] FLYNN, STEPHEN JOHN, GB
[72] WOLFENDEN, NEIL, GB
[72] BAIRD, ANDREW, GB
[72] MITCHELSON, CRAIG, GB
[73] ASC SIGNAL INTERNATIONAL
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[86] (2585584)
[87] (2585584)
[22] 2007-04-20
[30] US (11/423,256) 2006-06-09

[11] **2,585,720**
[13] C

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PROCESS FOR DOCSIS 2.0**
[54] **PROCESSUS DE CONVERSION
D'UN COEFFICIENT
D'EGALISATION DFE EN
COEFFICIENT FFE POUR DOCSIS
2.0**
[72] AZENKOT, YEHUDA, US
[72] RAKIB, SELIM SHLOMO, US
[72] TAL, NATHALIE ANNY, US
[73] MOTOROLA MOBILITY LLC, US
[85] 2007-04-27
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[30] US (10/975,177) 2004-10-27

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[13] C

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[25] EN
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SPECTROMETRE DE MASSE**
[72] BROWN, JEFFREY MARK, GB
[73] MICROMASS UK LIMITED, GB
[85] 2007-05-17
[86] 2005-12-19 (PCT/GB2005/004911)
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[30] GB (0427632.5) 2004-12-17
[30] US (60/641,960) 2005-01-07

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[25] EN
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[54] **PLAFOND SUSPENDU EN
PANNEAUX MDF**
[72] LABONTE-DUFRESNE, PATRICK,
CA
[73] LES PLAFONDS EMBASSY, CA
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[13] C

[51] **Int.Cl. B29C 70/38 (2006.01) B29C
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[25] EN
[54] **DEVICE FOR STRETCH-
FORMING FLEXIBLE
PREIMPREGNATED BANDS**
[54] **DISPOSITIF DE FORMAGE DE
BANDES SOUPLES
PREIMPREGNEES PAR ETIRAGE**
[72] SOCCARD, ERIC, FR
[73] EUROPEAN AERONAUTIC
DEFENCE AND SPACE COMPANY
EADS FRANCE, FR
[73] DASSAULT AVIATION, FR
[73] EUROCOPTER, FR
[85] 2007-05-29
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[30] FR (0452843) 2004-12-02

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[13] C

[51] **Int.Cl. B03C 5/00 (2006.01) B01D
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[25] EN
[54] **METHOD AND APPARATUS FOR
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FLUID**
[54] **PROCEDE ET APPAREIL DE
PURIFICATION D'UN FLUIDE A
BASE D'HUILE**
[72] BROWNE, NEALE, US
[72] IVAN, CATALIN, US
[72] MARKANOVIC, ZORAN, CA
[73] M-I L.L.C., US
[85] 2007-06-12
[86] 2005-12-16 (PCT/US2005/045720)
[87] (WO2006/068968)
[30] US (60/638,631) 2004-12-22

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[25] EN
[54] **AN ANTENNA DEVICE FOR A RADIO BASE STATION IN A CELLULAR TELEPHONY SYSTEM**

[54] **DISPOSITIF D'ANTENNE POUR UNE STATION DE BASE RADIO DANS UN SYSTEME DE TELEPHONIE CELLULAIRE**

[72] PETERSSON, SVEN, SE
[72] JOHANSSON, MARTIN, SE
[72] ENGSTROEM, ULRIKA, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2007-06-26
[86] 2004-12-30 (PCT/SE2004/002040)
[87] (WO2006/071153)

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[25] EN
[54] **TENSIONER ASSEMBLY WITH ELECTRONICALLY CONTROLLED VIBRATION CLUTCH ASSEMBLY**

[54] **ENSEMBLE DE TENDEUR DOTE D'UN ENSEMBLE D'EMBRAYAGE A VIBRATIONS A COMMANDE ELECTRONIQUE**

[72] SPICER, GARY J., CA
[73] LITENS AUTOMOTIVE PARTNERSHIP, CA
[85] 2007-07-03
[86] 2005-06-06 (PCT/CA2005/000873)
[87] (WO2005/119089)
[30] US (60/577,299) 2004-06-04

[11] **2,593,434**
[13] C

[51] **Int.Cl. E04C 2/34 (2006.01)**
[25] EN
[54] **NON-COMBUSTIBLE REINFORCED CEMENTITIOUS LIGHTWEIGHT PANELS AND METAL FRAME SYSTEM FOR SHEAR WALLS**

[54] **PANNEAUX CIMENTAIRES LEGERS RENFORCES NON COMBUSTIBLES ET SYSTEME D'ARMATURE METALLIQUE POUR MURS DE CONTREVENTEMENT**

[72] TONYAN, TIMOTHY D, US
[72] ULLETT, JAMES M, US
[72] REICHERTS, JAMES E, US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2007-07-03
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[87] (WO2006/081066)
[30] US (60/647,016) 2005-01-27
[30] US (11/321,069) 2005-12-30

[11] **2,593,844**
[13] C

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[25] EN
[54] **WASTE SEPARATION APPARATUS**

[54] **SEPARATEUR DE DECHETS**

[72] FRYARS, THOMAS, GB
[73] TEK-DRY SYSTEMS LIMITED, GB
[86] (2593844)
[87] (2593844)
[22] 2007-07-05
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[13] C

[51] **Int.Cl. C09D 5/18 (2006.01) C09D 4/06 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **INTUMESCENT COATING COMPOSITIONS**

[54] **COMPOSITIONS DE REVETEMENT INTUMESCENTES**

[72] GREEN, JOHN DARRYL, GB
[72] ALLEN, WILLIAM, GB
[72] TAYLOR, ANDREW PHILIP, GB
[72] BUTTERFIELD, SIMON, GB
[73] W. & J. LEIGH & CO., GB
[85] 2007-06-21
[86] 2005-12-21 (PCT/GB2005/005025)
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[11] **2,594,012**
[13] C

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **METHOD OF SELECTING DRILL BITS**

[54] **METHODE DE SELECTION D'OUTILS DE FORAGE**

[72] HUANG, SUJIAN J., CN
[73] SMITH INTERNATIONAL, INC., US
[86] (2594012)
[87] (2594012)
[22] 2007-07-19
[30] US (60/832,043) 2006-07-20
[30] US (11/777,043) 2007-07-12

[11] **2,594,024**
[13] C

[51] **Int.Cl. B42F 13/22 (2006.01) B42F 13/16 (2006.01) B42F 13/36 (2006.01)**
[25] EN
[54] **A RING BINDER MECHANISM**

[54] **MECANISME DE RELIURE A ANNEAUX**

[72] ZHANG, ZE YU, CN
[72] NG, WING YIU, CN
[73] WORLD WIDE STATIONERY MFG. CO., LTD., HK
[86] (2594024)
[87] (2594024)
[22] 2007-07-18
[30] US (60/827,205) 2006-09-27
[30] US (11/610,358) 2006-12-13

[11] **2,594,037**
[13] C

[51] **Int.Cl. E21B 10/42 (2006.01) B22F 3/12 (2006.01) B23B 51/00 (2006.01)**
[25] EN
[54] **IMPREGNATED MATERIAL WITH VARIABLE EROSION PROPERTIES FOR ROCK DRILLING AND THE METHOD TO MANUFACTURE**

[54] **MATERIAU IMPREGNE AVEC PROPRIETES D'EROSION VARIABLES POUR FORAGE DE ROC ET METHODE DE FABRICATION CONNEXE**

[72] LOCKWOOD, GREGORY T., US
[73] SMITH INTERNATIONAL, INC., US
[86] (2594037)
[87] (2594037)
[22] 2007-07-18
[30] US (60/938,827) 2007-05-18
[30] US (11/779,104) 2007-07-17

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[13] C

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[25] EN
[54] **USE OF RESINIFERATOXIN (RTX) FOR PRODUCING AN AGENT FOR TREATING JOINT PAINS AND METHOD FOR APPLYING SAID AGENT**
[54] **UTILISATION DE LA RESINIFERATOXINE (RTX) POUR PRODUIRE UN AGENT SERVANT A TRAITER DES DOULEURS ARTICULAIRES, ET PROCEDE D'ADMINISTRATION DE CET AGENT**
[72] MEYER, DOMINIK, CH
[73] MESTEX AG, CH
[85] 2007-06-28
[86] 2004-12-28 (PCT/CH2004/000756)
[87] (WO2006/069451)

[11] **2,594,463**
[13] C

[51] **Int.Cl. B29B 9/06 (2006.01) B29C 47/30 (2006.01) B29C 47/86 (2006.01)**
[25] EN
[54] **CENTER HEATED DIE PLATE FOR UNDERWATER PELLETIZER**
[54] **PLAQUE PORTE-FILIERE CHAUFFEE PAR LE CENTRE POUR GRANULATEUR IMMERGE**
[72] FRIDLEY, MICHAEL A., US
[73] GALA INDUSTRIES, INC., US
[85] 2007-07-09
[86] 2006-01-20 (PCT/US2006/002033)
[87] (WO2006/081140)
[30] US (11/041,865) 2005-01-25

[11] **2,594,783**
[13] C

[51] **Int.Cl. B64D 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR ACTING ON FOREST FIRES, PESTS OR ATMOSPHERIC PHENOMENA FROM THE AIR**
[54] **PROCEDE DESTINE A AGIR SUR DES INCENDIES DE FORET, SUR DES RAVAGEURS OU DES PHENOMENES METEOROLOGIQUES A PARTIR DE L'AIR**
[72] BORDALLO ALVAREZ, LUIS MARIA, ES
[73] BORDALLO ALVAREZ, LUIS MARIA, ES
[85] 2007-07-16
[86] 2006-01-25 (PCT/IB2006/000122)
[87] (WO2006/079899)
[30] ES (P 200500143) 2005-01-26

[11] **2,595,644**
[13] C

[51] **Int.Cl. E04F 19/06 (2006.01) B27G 17/00 (2006.01) B27M 3/04 (2006.01) E04F 15/02 (2006.01)**
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[54] **A MULTIFUNCTION FINISHING ASSEMBLY FOR FLOOR COVERING, A METHOD FOR MANUFACTURING AND A METHOD FOR LAYING SAID ASSEMBLY**
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[54] **CAPTEUR DE SECURITE INFRAROUGE A MICROBOLOMETRE**

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[54] **DISPOSITIF D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE ET CONFIGURATION D'ECLAIRAGE SEMI-CIRCULAIRE**

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[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE FILM MINCE**

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[54] **FORMULE DE DENTIFRICE SANS SULFATE D'ALKYLE NI ORTHOPHOSPHATE COMPRENANT UNE SOURCE DE FLUORURE ET UN ABRASIF DENTAIRE A BASE DE SILICE**
[72] NEWBY, CRAIG SINCLAIR, GB
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[72] PRICE, KATHERINE SARAH, GB
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[54] **BOITIER DE PRISE ET PRISE ELECTRIQUE POUR TRANSMETTRE UNE PUISSANCE DE COMMANDE ELECTRIQUE**
[72] ECKEL, MARKUS, DE
[72] MAIER, WOLFGANG, DE
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[72] KRAEMER, CHRISTOPH, DE
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[54] **SYSTEME SANS FIL DE COMMUNICATION D'INFORMATIONS DE RESEAUX HETEROGENES PERMETTANT DE REALISER UN TRANSFERT VERS UN RESEAU**
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[73] WAVE STAR ENERGY APS, DK
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[72] STURM, MICHAEL, US
[73] THINK TANK PHOTO INC., US
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[54] **PROCEDE D'IDENTIFICATION D'ANTIGENES DES LYMPHOCYTES T CD4+**
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[72] BEHREND, UTA, DE
[72] MILOSEVIC, SLAVOLJUB, DE
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[54] **DISPOSITIFS OPHTALMIQUES DE LIBERATION CONTINUE DE COMPOSES ACTIFS**
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[72] LALLY, JOHN MARTIN, US
[73] NOVARTIS AG, CH
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[25] EN
[54] **APPARATUS, AND ASSOCIATED METHOD, BY WHICH TO STORE SPECIFIC NETWORK IDENTIFIERS AT A WIRELESS DEVICE**
[54] **APPAREIL ET METHODE CONNEXE PERMETTANT DE STOCKER DES IDENTIFICATEURS DE RESEAUX SPECIFIQUES AU NIVEAU D'UN DISPOSITIF SANS FIL**
[72] BUCKLEY, ADRIAN, US
[72] SUNDRESH, BOKINAKERE SUBBARAO, GB
[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITION DE SCELLAGE A CHAUD POUR FEUILLES D'ALUMINIUM ET DE POLYETHYLENE-TEREPHTHALATE APPLIQUEES CONTRE DES RECIPIENTS EN CHLORURE DE POLYVINYLE ET EN POLYSTYRENE**

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[72] BALK, SVEN, DE
[72] BRAUM, MANFRED, DE
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[54] **LUBRICATING COMPOSITION CONTAINING NON-ACIDIC PHOSPHORUS COMPOUNDS**

[54] **COMPOSITION DE LUBRIFICATION CONTENANT DES COMPOSES PHOSPHORES NON ACIDES**

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[72] HAIRE, MICHAEL J., US
[73] CHEVRON U.S.A. INC., US
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[54] **NANOSTRUCTURED PARTICLES, PHASE CHANGE INKS INCLUDING SAME AND METHODS FOR MAKING SAME**

[54] **PARTICULES NANOSTRUTUREES, ENCRE A CHANGEMENT DE PHASE COMPRENANT CES PARTICULES ET METHODES POUR LES PRODUIRE**

[72] CARLINI, RINA, CA
[72] GOREDEMA, ADELA, CA
[72] BRETON, MARCEL P., CA
[73] XEROX CORPORATION, US
[86] (2607115)
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[54] **ALIMENT OU BOISSON STABLE MICROBIOLOGIQUENT**

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[72] TOBOLEWSKA, MONIKA M, US
[73] UNILEVER PLC, GB
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[25] EN

[54] **METHOD FOR RECOVERING METALS FROM WASTE AND OTHER MATERIALS COMPRISING ORGANIC COMPONENTS**

[54] **PROCEDE POUR RECYCLER DES METAUX PROVENANT DE DECHETS ET D'AUTRES MATERIAUX COMPORTANT DES CONSTITUANTS ORGANIQUES**

[72] BEYER, JOACHIM, DE
[72] LEIDINGER, WALTER, DE
[72] CALAMINUS, WOLFGANG, DE
[72] VICKUS, EGIDIUS, DE
[72] KUCKELBERG, WILHELM, DE
[72] MAETSCHKE, MARK, DE
[73] CURRENTA GMBH & CO. OHG, DE
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[54] **APPAREIL ET PROCÉDE D'IMBRICATION CANAL DANS DES SYSTÈMES DE COMMUNICATIONS**
[72] BHUSHAN, NAGA, US
[73] QUALCOMM INCORPORATED, US
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[72] BELANGER, GERMAIN, CA
[72] GATIEN, DANIEL, CA
[72] JEAN, MARCEL, CA
[72] LUSSIER, REMI, CA
[73] 2946-6380 QUEBEC INC. A/S PRODUCTION P.H. ENR., CA
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[54] **SYSTEME POUR LE DEGIVRAGE DU BORD D'ATTAQUE D'UN CAPOT D'ENTREE D'AIR POUR TURBOMOTEUR**
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[54] **METHODS DESTINEES A ISOLER DES COMPOSES AMERS UTILISABLES DANS DES PRODUITS ALIMENTAIRES OU A BOIRE**
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[72] BUNKE, PAUL RALPH, US
[72] EKANAYAKE, ATHULA, US
[72] YOUNG, JERRY DOUGLAS, US
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- [54] **INDICATEUR DE PILOTAGE POUR UN AERONEF, DESTINE A FOURNIR UN PARAMETRE DE PUISSANCE D'AU MOINS UN TURBOPROPULSEUR DUDIT AERONEF**
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- [72] FETZMANN, FABIEN, FR
- [72] COLDEFY, PIERRE, FR
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[54] **SYSTEME DE TRANSMISSION DE DONNEES POUR AERONEF, QUI EST DESTINE A LA TRANSMISSION DE DONNEES ENTRE L'AERONEF ET UN POSTE DE TRANSMISSION SITUE A L'EXTERIEUR DUDIT AERONEF**
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[54] **SYNERGISTIC FUNGICIDAL ACTIVE SUBSTANCE COMBINATIONS CONTAINING A CARBOXAMIDE, AN AZOLE, A SECOND AZOLE OR A STROBILURINE**
[54] **COMBINAISONS D'AGENTS ACTIFS FONGICIDES SYNERGIQUES CONTENANT UN CARBOXAMIDE, UN AZOLE, UN DEUXIEME AZOLE OU UNE STROBILURINE**
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[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] HAEUSER-HAHN, ISOLDE, DE
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[54] **PROCEDE DE VERIFICATION NON DESTRUCTIVE DE TUYAUX, POUR DETECTER D'EVENUELS DEFAUTS SUPERFICIELS**
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[54] **APPARATUS AND METHOD FOR INJECTION OF FLUID HYDROCARBONS INTO A BLAST FURNACE**
[54] **APPAREIL ET METHODE POUR INJECTER DES FLUIDES HYDROCARBONES DANS UN HAUT-FOURNEAU**
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[73] U.S. STEEL CANADA INC., CA
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[54] **BARRIERE D'ECOULEMENT HYDROSTATIQUE POUR RAMPE SOUPLE DE DISTRIBUTION DE CARBURANT**
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[72] SMITH, JAN G., SE
[73] ABIGO MEDICAL AB, SE
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[54] **PROCEDE ET DISPOSITIF DE MELANGE A USAGE UNIQUE POUR APPLICATIONS SANITAIRES**
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[73] SPX CORPORATION, US
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[72] CHU, XIN-JIE, US
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[54] **SYSTEM AND METHOD OF ASSEMBLY OF CPVC FIRE SPRINKLER SYSTEM EMPLOYING MECHANICAL COUPLINGS AND SUPPORTS**
[54] **SYSTEME ET PROCEDE D'ASSEMBLAGE D'UN SYSTEME D'EXTINCTEURS AUTOMATIQUES A EAU COMPRENANT DES RACCORDS MECANIQUES ET DES SUPPORTS**
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[72] OLAH, ANDREW M., US
[72] JOHNSON, GARY L., US
[72] NERDERMAN, STANLEY J., US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
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[72] D'ALONZO, JEFF D., US
[72] WEST, STEVEN B., US
[73] UNITED PHARMACY PARTNERS, INC., US
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[54] **ORIFICE D'ACCES POUR UN APPAREIL MEDICAL ET PROCEDE ASSOCIE**

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[73] T.G. EAKIN LIMITED, GB

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[72] DUVAL, RENAUD, FR

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[54] **PROCEDE DE CONTRACEPTION HORMONALE PREVENTIVE SELON LES BESOINS**

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[72] STOCK, GUENTER, DE

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[54] **DISPOSITIF DE COMMANDE DE REGIME-MOTEUR, PROCEDE DE COMMANDE DE REGIME-MOTEUR ET AERONEF COMPORTANT UN TEL DISPOSITIF**

[72] PERIE, JEAN-CLAUDE, FR

[72] ROCHE, VALERIE, FR

[72] DULAU, MATHIEU, FR

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[73] SOUCY INTERNATIONAL INC., CA

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[54] **RENFORT POUR ELEMENTS EN BETON ET SYSTEME ET PROCEDE DE PRODUCTION D'ELEMENTS EN BETON RENFORCES**

[72] BULL, ANDERS HENRIK, NO

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[54] **SYSTEME ET DISPOSITIF DE GESTION D'ARTICLES**

[72] CHUDY, DUANE S., US

[72] MONTGOMERY, LARRY, US

[72] SPERNOW, JAMES T., US

[73] CHUDY GROUP, LLC, US

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[72] REIMER, GREG, CA

[72] BRAUN, DENNIS, CA

[72] KLASSEN, RICHARD, CA

[72] TOEWS, WALTER, CA

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[54] **HOUSSE POUR APPUIE-TETE DE VEHICULE**

[72] KOONTZ, THEODORE W., II, US

[72] PALADINO, MICHAEL J., US

[73] AUDIOVOX CORPORATION, US

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ONE AND PROCESS FOR THE
SYNTHESIS THEREOF**

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[72] DANCSEI, LAJOSNE, HU
[72] MAHO, SANDOR, HU
[72] ARANYI, ANTAL, HU
[72] HORVATH, JANOS, HU
[73] RICHTER GEDEON NYRT., US
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DEVICE IMPLEMENTING THE
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[54] **PROCEDE DE SECURISATION
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[72] FONDEUR, JEAN-CHRISTOPHE, FR
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[73] MORPHO, FR
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[54] **PURGE DEVICE AND
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[54] **DISPOSITIF DE PURGE ET
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[73] AIRBUS OPERATIONS SAS, FR
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[72] PERRIN, RANDALL L., US
[72] ANDERSON, JAMES D., US
[72] REINHOLD, JABIN D., US
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[54] **FOUR A COKE A COMMANDE
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[73] THYSSENKRUPP UHDE GMBH, DE
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[72] BOUTIGNON, FRANCOIS JEAN-LOUIS JEROME, FR
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[72] BARRES, THOMAS JEAN HENRI, FR
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[54] **ENSEMBLES D'ECLAIRAGE POUR DISTRIBUTEURS AUTOMATIQUES**
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[72] HAND, MARK ANTHONY, US
[72] MCCANLESS, FORREST STARNES, US
[73] ABL IP HOLDING, LLC, US
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[54] **SYSTEME ET METHODE DE RECONNAISSANCE D'ACCUSES DE RECEPTION D'AGENDA AU MOYEN D'UN DISPOSITIF MOBILE**
[72] HARDY, MICHAEL T., CA
[72] MAY, DARRELL, CA
[72] COODE, CATHERINE M., CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEM AND METHOD OF ELIMINATING INTERFERENCE FOR IMPURITIES MEASUREMENT IN NOBLE GASES**
[54] **SYSTEME ET PROCEDE D'ELIMINATION D'INTERFERENCES EN VUE DE MESURER LES IMPURETES DANS DES GAZ NOBLES**
[72] FORTIER, ANDRE, CA
[72] GAMACHE, YVES, CA
[73] PANALYTIQUE INC., CA
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[54] **SYSTEME INTEGRE D'AJUSTEMENT DE DISTANCE FOCALE POUR APPAREILS OPTIQUES**
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[72] LI, YI, CN
[72] ZHOU, TIEYING, CN
[72] LU, CUNYUE, CN
[72] CHEN, YU, CN
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[54] **DISPOSITIF DE POSITIONNEMENT**
[72] KOCK, SOENKE, SE
[72] SOETEBIER, SVEN, DE
[72] WALDI, WOLFGANG, DE
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[54] **BROSSE A DENT AVEC ZONE PREHENSION**
[72] HOHLBEIN, DOUGLAS J., US
[72] ROONEY, MICHAEL CHARLES, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **ENCRE NUMERIQUE FORMABLE SOUS VIDE POSSEDANT UNE CAPACITE D'ALLONGEMENT ELEVEE**
[72] SLOAN, DONALD D., US
[73] DONALD D. SLOAN TRUST, US
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[54] **APPLICATION COMBINEE DE COMPOSITION LOCALE ET D'ENERGIE POUR REGULER LA CONDITION DE PEAU MAMMALIENNE**
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[72] KEMP, HELEN ROCHELLE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **INHALATEUR A POUDRE SECHE AVEC MECANISME DE DISPERSION AEROELASTIQUE**
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[54] **PROCEDES ET APPAREIL POUR UTILISER DES ADRESSES COURTES DANS UN SYSTEME DE COMMUNICATION**
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[72] BENDER, PAUL E., US
[72] HORN, GAVIN BERNARD, US
[72] ULUPINAR, FATIH, US
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[54] **APPAREIL DE CUISSON SOUS PRESSION A DECOMPRESSION MAITRISEE**
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[72] ANOTA, DANIEL JEAN-MARIE, FR
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[72] SUZUKI, HISATO, JP
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[54] **PRODUIT PLAT EN ACIER AVEC REVETEMENT ANTICORROSION ET PROCEDE DE PRODUCTION**
[72] WARNECKE, WILHELM, DE
[72] MEURER, MANFRED, DE
[72] SCHOENENBERG, RUDOLF, DE
[72] KELLER, MICHAEL, DE
[72] ELSNER, ALEXANDER, DE
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[54] **MELANGES BINAIRES D'ACIDE HYALURONIQUE ET UTILISATION THERAPEUTIQUE DE CEUX-CI**
[72] GOBBO, SANDRA, CH
[72] PETRELLA, ROBERT, CA
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[54] **BROSSE A DENTS**
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[72] WAGUESPACK, KENNETH, US
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[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **ENSEMBLE D'OUTIL MODULAIRE DE PILOTAGE GEOLOGIQUE DE Puits**
[72] BITTAR, MICHAEL S., US
[72] MENEZES, CLIVE, US
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING PLURALITY OF APPLICATIONS FOR BROADCASTING SERVICE AND INFORMATION STORAGE MEDIUM STORING THE METHOD**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE MULTIPLES APPLICATIONS POUR UN SERVICE DE DIFFUSION ET SUPPORT DE STOCKAGE D'INFORMATIONS DANS LEQUEL EST STOCKE LE PROCEDE**
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[72] OH, KEUM-YONG, KR
[73] SAMSUNG ELECTRONIC CO., LTD., KR
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[30] KR (10-2006-0090469) 2006-09-19
[30] KR (10-2007-0092140) 2007-09-11

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[13] C

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[54] **COMPOUND THAT CAN INHIBIT UBC13-UEV INTERACTIONS, PHARMACEUTICAL COMPOSITIONS AND THERAPEUTIC USES**

[54] **COMPOSES INHIBITEURS UBC13-UEV, COMPOSITIONS PHARMACEUTIQUES ET APPLICATIONS THERAPEUTIQUES**

[72] THOMSON OKATSU, TIMOTHY, ES
[72] SCHEPER SIGMUND, JOHANNA, ES
[72] MESSEGUER PEYPOCH, ANGEL, ES
[72] RAMIREZ ORTIZ, ANGEL, ES
[72] SANCLIMENS PEREZ DE ROZAS, GLORIA, ES

[72] MASIP MASIP, ISABEL, ES
[72] MOURE FERNANDEZ, ALEJANDRA, ES

[72] GONZALEZ RUIZ, DOMINGO, ES
[72] MORREALE DE LEON, ANTONIO, ES

[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES

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[54] **PROCESS FOR PREPARING GABAPENTIN**

[54] **PROCEDE DE PREPARATION DE LA GABAPENTINE**

[72] GHELFI, FRANCO, IT
[72] COTARCA, LIVIUS, IT
[72] RONCAGLIA, FABRIZIO, IT
[72] GIOVANETTI, ROBERTO, IT
[72] NICOLI, ANDREA, IT
[73] ZACH SYSTEM S.P.A., IT

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[54] **ETIQUETTE DE SURVEILLANCE D'ARTICLE ELECTRONIQUE A LIBERATION MAGNETIQUE**

[72] NGUYEN, THANG T., US
[72] VALADE, FRANKLIN H., JR., US
[72] HOGAN, DENNIS L. (DECEASED), US

[73] SENSORMATIC ELECTRONICS, LLC, US

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[54] **DISCHARGE LAMP LIGHTING DEVICE AND LIGHTING FIXTURE**

[54] **DISPOSITIF D'ECLAIRAGE A LAMPE A DECHARGE ET LUMINAIRES**

[72] FUKUDA, KENICHI, JP
[72] MATSUZAKI, NOBUTOSHI, JP
[73] PANASONIC CORPORATION, JP

[85] 2009-02-23
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[54] **PROCEDE ET SYSTEME POUR SERVICES DE PROFILS ACTIFS**

[72] RAMAKRISHNAN, KARTHIK, AE
[72] GUDKA, RUSHABHDEV, CA
[72] STEELE, PHILIP RENWELL, CA
[72] WONG, KAR WAI, CA
[72] ZABAWSKYJ, BOHDAN KONSTANTYN, CA

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[54] **PROCESS FOR PRODUCTION OF HYDROGENATED POLYMERS AND HYDROGENATED POLYMERS**

[54] **PROCEDE DE FABRICATION DE POLYMERES HYDROGENES ET POLYMERES HYDROGENES**

[72] IWASAKI, HIDEHARU, JP
[72] INUBUSHI, YASUTAKA, JP
[73] KURARAY CO., LTD., JP

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[54] **A METHOD OF PRIORITIZING ANOMALIES IN A BURIED LINEAR CONDUCTOR**
[54] **METHODE PERMETTANT DE METTRE EN ORDRE DE PRIORITE DES ANOMALIES DANS UN CONDUCTEUR LINEAIRE ENFOUI**
[72] MCDONNELL, SHAMUS, CA
[72] WESTMAN, MIKE, CA
[72] UKIWE, CHIJIJOKE, CA
[73] SPECTRUM EXTERNAL LINE INSPECTION TECHNOLOGY INC., CA
[86] (2664577)
[87] (2664577)
[22] 2009-05-04
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[11] **2,666,045**
[13] C

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **PROFILED ENCAPSULATION FOR USE WITH INSTRUMENTED EXPANDABLE TUBULAR COMPLETIONS**
[54] **ENCAPSULATION PROFILEE A UTILISER AVEC DES COMPLETIONS TUBULAIRES EXTENSIBLES INSTRUMENTEES**
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[73] WEATHERFORD/LAMB, INC., US
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[54] **SYSTEMS AND METHODS FOR ARC FAULT DETECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE DEFAUTS D'ARC**
[72] RESTREPO, CARLOS, US
[72] STALEY, PETER S., US
[72] NAYAK, AMIT, US
[72] MIKANI, VASKE, US
[72] KINSEL, HUGH T., US
[72] TITUS, SOLOMON R., US
[72] ENDOZO, JOSELITO, US
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[54] **TECHNIQUES FOR LIMITING DEMAND FROM AN ELECTRICITY METER WITH AN INSTALLED RELAY**
[54] **TECHNIQUES LIMITANT LA PUISSANCE D'UN COMPTEUR D'ELECTRICITE AVEC RELAIS INSTALLE**
[72] MASON, ROBERT T., JR., US
[72] RICHESON, KEITH D., US
[72] MINTON, CHARLIE E., III, US
[73] ELSTER SOLUTIONS, LLC, US
[86] (2668805)
[87] (2668805)
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[11] **2,668,983**
[13] C

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[54] **PIPELESS SAGD SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DRAINAGE GRAVITAIRE ASSISTE PAR INJECTION DE VAPEUR SANS CONDUITE**
[72] AMARAL, ANDERSON DA SILVA, US
[72] BAKER, BRADLEY GENE, US
[73] BAKER HUGHES INCORPORATED, US
[86] (2668983)
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[54] **DESIGNING DRILLING PATTERN FOR EXCAVATING ROCK CAVERN**
[54] **CONCEPTION D'UN PROCEDE DE FORAGE POUR CREUSER DANS UNE CAVERNE ROCHEUSE**
[72] KESKINEN, MARTTI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2009-05-20
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[13] C

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[54] **INTRAVENOUS FLUID CONTAINER STAND AND METHODS FOR MAKING SAME**
[54] **SUPPORT POUR RECIPIENT DE LIQUIDE INTRAVEINEUX, ET CONSTITUTION**
[72] HAMPTON, LINDA M., US
[72] ADHIKARI, ISHWOR PRASAD, US
[73] MEDLINE INDUSTRIES INC., US
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[25] EN
[54] **METHOD AND APPARATUS OF ENABLING MULTI BAND TRANSMISSION**
[54] **PROCEDE ET APPAREIL POUR PERMETTRE UNE TRANSMISSION MULTIBANDE**
[72] ZUNIGA, JUAN CARLOS, CA
[72] GRANDHI, SUDHEER A., US
[72] SAMMOUR, MOHAMMED, JO
[72] LIVET, CATHERINE, CA
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
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[13] C

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[54] **ORAL CARE IMPLEMENT HAVING USER-INTERACTIVE DISPLAY**
[54] **OUTIL D'HYGIENE ORALE EQUIPE D'UN PANNEAU D'AFFICHAGE A INTERACTION AVEC L'UTILISATEUR**
[72] GATZEMEYER, JOHN J., US
[72] JIMENEZ, EDUARDO J., US
[72] RIEBE, ROBERT, US
[72] WARD, EVAN, US
[72] FAIR, PAUL, US
[72] MICHAELS, JAMES E., US
[72] CONNOR, KEVIN, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING MOBILITY INFORMATION SUPPORTING HANDOVER AND/OR ROAMING IN DIGITAL BROADCASTING SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION D'INFORMATIONS DE MOBILITE DE SUPPORT DE TRANSFERT ET/OU D'ITINERANCE DANS UN SYSTEME DE RADIODIFFUSION NUMERIQUE**
[72] XU, YILING, KR
[72] SONG, JAE-YEON, KR
[72] LEE, KOOK-HEUI, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2009-07-14
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[54] **COSMETIC APPLICATOR WITH TORQUE LIMITER**
[54] **APPLICATEUR DE COSMETIQUE COMPRENANT UN LIMITEUR DE COUPLE**
[72] WYATT, PETER JONATHAN, US
[72] WILSON, DAVID EDWARD, US
[72] RAINEY, DONALD FRANK, US
[72] JADIN, TAMELA SUZANNE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[13] C

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[25] EN
[54] **PACKABLE WATER RESISTANT INSULATED ARTICLES**
[54] **ARTICLES ISOLANTS RESISTANT A L'EAU ET EMBALABLES**
[72] JOHNSON, MATTHEW A., US
[72] MAYER, STEVEN G., US
[73] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2009-07-27
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[54] **METHOD FOR PREPARING PARTICLES COMPRISING METAL OXIDE COATING AND PARTICLES WITH METAL OXIDE COATING**
[54] **METHODE DE PREPARATION DE PARTICULES COMPRENANT UN ENROBAGE D'OXYDE METALLIQUE, ET PARTICULES ENROBEES D'OXYDE METALLIQUE**
[72] TOLEDANO, OFER, IL
[72] BAR-SIMANTOV, HAIM, IL
[72] BILMAN, NISSIM, IL
[72] SHAPIRO, LEORA, IL
[72] ABU-REZIQ, RAED, IL
[72] SRIADIBHATLA, SRIKANTH, US
[72] SOMMER, WILLIAM T., US
[72] SERTHOOK, HANAN, IL
[73] SOL-GEL TECHNOLOGIES LTD., IL
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- [25] EN
- [54] **COMPRESSION TRAINING APPARATUS, COMPRESSION TRAINING SYSTEM AND METHOD OF CONTROL**
- [54] **APPAREIL D'ENTRAINEMENT PAR COMPRESSION, SYSTEME D'ENTRAINEMENT PAR COMPRESSION ET PROCEDE DE COMMANDE**
- [72] SATO, YOSHIAKI, JP
- [73] SATO SPORTS PLAZA CO., LTD., JP
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- [54] **SYNTHETIC STRUCTURE FOR SOFT TISSUE REPAIR**
- [54] **STRUCTURE SYNTHETIQUE POUR REPARATION DE PARTIE MOLLE**
- [72] RATCLIFFE, ANTHONY, US
- [72] SOTOUDEH, MOHAMMAD, US
- [72] RATCLIFFE, FATEMEH, US
- [72] KERN, ANDREAS, US
- [73] SYNTHASOME, INC., US
- [85] 2009-08-13
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- [30] US (60/901,221) 2007-02-14

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- [54] **METHOD AND APPARATUS FOR TRANSMITTING MULTIPLE CHANNELS IN A WAVELENGTH DIVISION MULTIPLEXED (WDM) OPTICAL COMMUNICATION SYSTEM WITH REDUCED RAMAN CROSSTALK AND NONLINEAR DISTORTIONS**
- [54] **PROCEDE ET APPAREIL POUR TRANSMETTRE PLUSIEURS CANAUX DANS UN SYSTEME DE COMMUNICATION OPTIQUE MULTIPLEXE PAR REPARTITION EN LONGUEUR D'ONDE (WDM) AVEC UNE DIAPHONIE RAMAN REDUITE ET DES DISTORSIONS NON LINEAIRES REDUITES**
- [72] WANG, JUN, US
- [72] LITVIN, KERRY I., US
- [73] MOTOROLA MOBILITY LLC, US
- [85] 2009-10-02
- [86] 2008-04-04 (PCT/US2008/059395)
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- [54] **RAZOR CARTRIDGE WITH FRONT PIVOT AXIS**
- [54] **CARTOUCHE DE RASOIR POURVUE D'UN AXE DE PIVOTEMENT AVANT**
- [72] O'CONNOR, WILLIAM THOMAS, US
- [72] PRUDDEN, JOHN, JR., US
- [72] TUCKER, WILLIAM EARLE, US
- [73] THE GILLETTE COMPANY, US
- [85] 2009-10-08
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[13] C

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- [54] **OLIGONUCLEOTIDE-PROLYETHYLENE GLYCOL COMPOUND**
- [54] **CONJUGUES OLIGONUCLEOTIDE-, PROTEINE- ET/OU PEPTIDE-POLYMERES**
- [72] SCHLINGENSIEPEN, KARL-HERMANN, DE
- [72] SCHLINGENSIEPEN, REIMAR, DE
- [72] FISCHER, DAGMAR, DE
- [72] MITSCH, ANDREAS, DE
- [73] ANTISENSE PHARMA GMBH, DE
- [85] 2009-05-27
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[11] **2,684,543**
[13] C

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- [25] EN
- [54] **MAINTENANCE-FREE PLAIN BEARING**
- [54] **PALIER LISSE NE NECESSITANT PAS D'ENTRETIEN**
- [72] SCHMITJES, OLAF, DE
- [72] HELDMANN, JOERG, DE
- [73] SAINT-GOBAIN PERFORMANCE PLASTICS PAMPUS GMBH, DE
- [85] 2009-10-19
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- [30] DE (10 2007 019 200.4) 2007-04-20

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[25] EN

[54] **ABSORBENT ARTICLE WITH HYDROPHILIC LOTION AND HIGH-BARRIER CUFFS**

[54] **ARTICLE ABSORBANT POURVU D'UNE LOTION HYDROPHILE ET D'ELEMENTS DE HAUTE PROTECTION**

[72] VEGA, VICTOR NICHOLAS, US

[72] WISE, BRANDON ELLIS, US

[72] ROSATI, RODRIGO, DE

[73] THE PROCTER & GAMBLE COMPANY, US

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[30] EP (07108202.8) 2007-05-15

[30] US (11/946,631) 2007-11-28

[11] **2,687,517**
[13] C

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[54] **RATE MATCHING WITH MULTIPLE CODE BLOCK SIZES**

[54] **MISE EN CORRESPONDANCE DE DEBIT AVEC TAILLES DE BLOCS DE CODE MULTIPLES**

[72] MALLADI, DURGA PRASAD, US

[73] QUALCOMM INCORPORATED, US

[85] 2009-11-17

[86] 2008-06-12 (PCT/US2008/066784)

[87] (WO2008/154646)

[30] US (60/943,545) 2007-06-12

[30] US (60/944,579) 2007-06-18

[30] US (60/956,101) 2007-08-15

[30] US (12/137,431) 2008-06-11

[11] **2,688,314**
[13] C

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[54] **POLYMER FILMS FOR MEDICAL DEVICE COATING**

[54] **FILMS DE POLYMERES POUR LE REVETEMENT DES DISPOSITIFS MEDICAUX**

[72] TAYLOR, DOUGLAS, US

[72] MCCLAIN, JAMES, US

[73] MICELL TECHNOLOGIES, INC., US

[85] 2009-11-25

[86] 2008-05-23 (PCT/US2008/064732)

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[30] US (60/940,365) 2007-05-25

[30] US (60/979,375) 2007-10-11

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[13] C

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[54] **METHODS FOR PRE-STRESSING AND CAPPING BIOPROSTHETIC TISSUE**

[54] **PROCEDES DE PRECONTRAINTTE ET DE COIFFAGE DE TISSU BIOPROTHETIQUE**

[72] DAVIDSON, JIM, US

[72] DOVE, JEFF, US

[72] DOBLER, DARIN, US

[73] EDWARDS LIFESCIENCES CORPORATION, US

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[30] US (12/135,507) 2008-06-09

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[54] **WIRELESS COMMUNICATION APPARATUS AND RESPONSE SIGNAL SPREADING METHOD**

[54] **DISPOSITIF DE COMMUNICATION SANS FIL ET PROCEDE DE DIFFUSION DE SIGNAL DE REPONSE**

[72] NAKAO, SEIGO, JP

[72] IMAMURA, DAICHI, JP

[72] NISHIO, AKIHIKO, JP

[72] HOSHINO, MASAYUKI, JP

[73] PANASONIC CORPORATION, JP

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[54] **OTHER PROTOCOL MESSAGE ROUTING OVER A WIRELESS NETWORK OF METERING DEVICES**

[54] **AUTRE TYPE DE ROUTAGE DE MESSAGES DE PROTOCOLE SUR UN RESEAU SANS FIL D'APPAREILS DE MESURE**

[72] RICHESON, KEITH D., US

[72] LAPLACE, CARL J., US

[72] MASON, ROBERT T., JR., US

[73] ELSTER SOLUTIONS, LLC, US

[86] (2691273)

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[54] **FILTER ASSEMBLY WITH A TOP CAP HAVING A NON-PLANAR FLANGE PORTION**

[54] **ENSEMBLE DE FILTRE ET PROCEDE**

[72] BARNWELL, JAMES W., US

[73] SPX FLOW TECHNOLOGY USA, INC., US

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[54] **CRYSTALLINE PYRIDAZINE COMPOUND**

[54] **COMPOSE CRISTALLIN DE PYRIDAZINE**

[72] DOWDY, ERIC D., US

[72] KENT, KENNETH M., US

[72] TOM, NORMA J., US

[72] ZIA, VAHID, US

[73] GILEAD SCIENCES, INC., US

[73] K.U. LEUVEN RESEARCH & DEVELOPMENT, BE

[73] PUERSTINGER, GERHARD, AT

[85] 2009-12-29

[86] 2008-07-03 (PCT/US2008/008259)

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[54] **CONTROL SURFACES FOR APPLICATOR WITH MOVEABLE APPLICATOR HEAD**

[54] **SURFACES DE COMMANDE POUR APPLICATEUR AYANT UNE TETE D'APPLICATEUR MOBILE**

[72] WYATT, PETER JONATHAN, US

[72] WILSON, DAVID EDWARD, US

[72] WINTER, FLORINA, CN

[72] BEATTIE, NEIL SCOTT, GB

[72] AGER, COLIN DENNIS, GB

[72] CAUWOOD, PETER DAVID, GB

[72] RABE, THOMAS ELLIOT, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[54] **WORK TRANSFER APPARATUS, AND WORK MOUNTING METHOD**

[54] **APPAREIL DE TRANSFERT DE PIECE, ET PROCEDE DE MONTAGE DE PIECE**

[72] USHIO, SHOZO, JP

[72] MURAYAMA, HIDEYUKI, JP

[72] UCHIHARA, MASAFUMI, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

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[25] EN

[54] **PHARMACEUTICAL COMPOSITION, SUBSTRATE COMPRISING A PHARMACEUTICAL COMPOSITION, AND USE OF A PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE, SUBSTRAT COMPRENANT UNE COMPOSITION PHARMACEUTIQUE ET UTILISATION D'UNE COMPOSITION PHARMACEUTIQUE**

[72] DUEWELHENKE, NICOLE, DE

[73] BIOMET DEUTSCHLAND GMBH, DE

[85] 2010-01-22

[86] 2008-07-23 (PCT/EP2008/006046)

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[54] **METHOD AND PRODUCT OF MAKING A POLYMER-BINDER COMPOSITE**

[54] **PROCEDE ET PRODUIT DE FABRICATION D'UN COMPOSITE LIANT DE POLYMERE**

[72] BARNAT, JAMES J., US

[72] VOPAT, F. VINCENT, US

[72] PRICE, RONNIE J., US

[73] ARR-MAZ PRODUCTS, L.P., US

[85] 2010-02-10

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[54] **FIRE-RATED WALL CONSTRUCTION PRODUCT**

[54] **PRODUIT DE CONSTRUCTION DE MUR PARE-FEU**

[72] PILZ, DON, US

[72] POLIQUIN, RAYMOND E., US

[72] SESMA, FERNANDO HERNANDEZ, US

[73] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US

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[25] EN

[54] **METHOD AND SOFTWARE PRODUCT FOR DESIGNING DRILLING PATTERN FOR ROCK CAVITY EXCAVATION**

[54] **PROCEDE ET PRODUIT LOGICIEL DESTINES A TRACER UN SCHEMA DE FORAGE POUR LE PERCEMENT D'UNE CAVITE DANS LA ROCHE**

[72] SALENIEMI, TOMMI, FI

[72] EILO, ERKKI, FI

[72] KESKINEN, MARTTI, FI

[72] KOSKELAINEN, JUSSI, FI

[72] MUONA, JOUKO, FI

[72] LATVA-PUKKILA, PASI, FI

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[25] EN

[54] **PEPTIDE-LIPID CONSTRUCTS AND THEIR USE IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS**

[54] **CONSTRUCTIONS PEPTIDIQUES-LIPIDIQUES ET LEUR UTILISATION POUR DES APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES**

[72] BOVIN, NICOLAI, RU

[72] WEINBERG, CRISTINA-SIMONA, NZ

[72] HENRY, STEPHEN MICHEAL, NZ

[73] KODE BIOTECH LIMITED, NZ

[85] 2010-03-11

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[54] **PROCESS FOR MERCURY CONTROL DURING PRESSURE OXIDATION**

[54] **PROCEDE DE CONTROLE DE MERCURE EN COURS D'OXYDATION SOUS PRESSION**

[72] HILLIER, DANIEL, CA

[72] AHERN, NOELEN, CA

[72] CHOI, YEONUK, CA

[73] BARRICK GOLD CORPORATION, CA

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[25] EN

[54] **ACCESSORY SLEEVE FOR A MEDICAL DEVICE**

[54] **MANCHON ACCESSOIRE POUR DISPOSITIF MEDICAL**

[72] BATAILLE, OLIVIER, US

[72] KOZLUK, STUART, CA

[72] TREMBLAY, ANDRE, CA

[73] MEDTRONIC CRYOCATH LP, CA

[85] 2010-03-25

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[25] EN

[54] **MICRO-CONTROLLER-BASED ELECTRONIC SWITCH USING A PROXIMITY DETECTOR TO FACILITATE HANDS-FREE CONTROL OF AN AC DEVICE**

[54] **COMMANDE ELECTRONIQUE S'ARTICULANT AUTOUR D'UN MICROCONTROLEUR ET FAISANT APPEL A UN DETECTEUR DE PROXIMITE POUR FACILITER LA COMMANDE MAINS LIBRES D'UN DISPOSITIF A COURANT ALTERNATIF**

[72] ROTHENBERGER, DAVID C., CA

[73] ROTHENBERGER, DAVID C., CA

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[54] **ENSEMBLE MOTEUR DE FOND DE PUIITS A REGULATION DE COUPLE**
[72] HAY, RICHARD T., US
[72] GAWSKI, VICTOR, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2010-03-31
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[54] **APPARATUS AND METHODS FOR THERMAL MANAGEMENT OF ELECTRONIC DEVICES**
[54] **APPAREIL ET PROCEDES POUR LA GESTION THERMIQUE DE DISPOSITIFS ELECTRONIQUES**
[72] GRAJCAR, ZDENKO, US
[73] NEXXUS LIGHTING, INC., US
[85] 2010-04-23
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[54] **COLORPOINT PROCESS**
[54] **PROCEDE DE COLORATION PAR POINTS**
[72] TANUS, ABRAHAM, US
[73] WOODCRAFTERS HOME PRODUCTS, LLC, US
[86] (2711079)
[87] (2711079)
[22] 2010-07-29
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[54] **SYSTEM AND METHOD FOR DETECTING THE PRESENCE OF AN OBJECT**
[54] **SYSTEME ET METHODE DE DETECTION DE PRESENCE D'UN OBJET**
[72] ROTHENBERGER, DAVID C., CA
[73] ROTHENBERGER, DAVID C., CA
[86] (2701593)
[87] (2701593)
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[54] **BRUSHES WITH INTERCHANGEABLE HEADS**
[54] **BROSSES DOTEES DE TETES INTERCHANGEABLES**
[72] PIAO, XIANZHEN, CN
[73] ANISA INTERNATIONAL, INC., US
[85] 2010-04-21
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[25] EN
[54] **HIGH TEMPERATURE PROGRESSIVE CAVITY MOTOR OR PUMP COMPONENT AND METHOD OF FABRICATION**
[54] **COMPOSANT DE MOTEUR OU DE POMPE A CAVITE PROGRESSIVE A TEMPERATURE ELEVEE ET PROCEDE DE FABRICATION**
[72] AKBARI, HOSSEIN, GB
[72] RAMIER, JULIEN, GB
[72] SINDT, OLIVIER, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
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[13] C

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[25] EN
[54] **TRANSDERMAL DRUG DELIVERY USING AN OSMOLYTE AND VASOACTIVE AGENT**
[54] **ADMINISTRATION TRANSDERMIQUE DE MEDICAMENTS EMPLOYANT UN OSMOLYTE ET UN AGENT VASOACTIF**
[72] CARTER, STEPHEN G., US
[72] ZHU, ZHEN, US
[72] PATEL, KANU, US
[72] MASIZ, JOHN J., US
[73] BIOCHEMICS, INC., US
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[25] EN
[54] **A TOOL BOX STORAGE ASSEMBLY**
[54] **BOITE DE RANGEMENT D'OUTILS**
[72] GRELA, LARRY M., US
[72] MANALANG, EDWIN D., US
[73] GRELA, LARRY M., US
[86] (2707397)
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[54] **NONPOLAR LIQUID AND SOLID PHASE CHANGE INK COMPOSITIONS COMPRISING NANOSIZED PARTICLES OF BENZIMIDAZOLONE PIGMENTS**
[54] **COMPOSITIONS D'ENCRE LIQUIDE NON POLAIRE OU A CHANGEMENT DE PHASE SOLIDE COMPORTANT DES PARTICULES NANOMETRIQUES DE PIGMENTS DE BENZIMIDAZOLONE**
[72] CARLINI, RINA, CA
[72] ALLEN, C. GEOFFREY, CA
[73] XEROX CORPORATION, US
[86] (2711201)
[87] (2711201)
[22] 2010-07-16
[30] US (12/509,161) 2009-07-24
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[13] C

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING HEAVY HYDROCARBON RECOVERY**
[54] **PROCEDE D'AMELIORATION DE LA RECUPERATION D'HYDROCARBURES LOURDS**
[72] HART, PAUL ROBERT, US
[72] STEFAN, BRIAN J., CA
[72] SRIVASTAVA, PIYUSH, US
[72] DEBORD, JUSTIN D., US
[73] BAKER HUGHES INCORPORATED, US
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[86] 2009-01-23 (PCT/US2009/031791)
[87] (WO2009/108423)
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[30] US (12/330,112) 2008-12-08

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[54] **PACKET COMPARATOR**
[54] **COMPARATEUR DE PAQUETS**
[72] VERBRUGGE, DAVID, CA
[72] CROOKES, BRIAN, CA
[73] CISCO TECHNOLOGY, INC., US
[85] 2010-05-26
[86] 2008-12-22 (PCT/US2008/087919)
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[30] US (61/018,596) 2008-01-02
[30] US (61/025,888) 2008-02-04
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[54] **CIRCUIT, SYSTEM AND METHOD FOR ADJUSTING AN AUDIO SIGNAL**
[54] **CIRCUIT, SYSTEME ET METHODE DE REGLAGE DE SIGNAL AUDIO**
[72] FORRESTER, CHRISTOPHER, CA
[72] HAWKER, LARRY, CA
[72] NGUYEN, BAO, CA
[73] BLACKBERRY LIMITED, CA
[86] (2715742)
[87] (2715742)
[22] 2005-05-17
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING THE CENTER OF ANNUAL RINGS OF A WOOD BLOCK**
[54] **APPAREIL ET METHODE PERMETTANT DE DETERMINER LE CENTRE DES ANNEAUX DE CROISSANCE ANNUELLE D'UN BLOC DE BOIS**
[72] HIRAOKA, NORIYUKI, JP
[73] MEINAN MACHINERY WORKS, INC., JP
[86] (2716281)
[87] (2716281)
[22] 2010-09-22
[30] JP (JP2009-222950) 2009-09-28

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[25] FR
[54] **PRECIPITATED SILICA HAVING PARTICULAR MORPHOLOGY, GRADING AND POROSITY, THEIR PREPARATION AND USE THEREOF**
[54] **SILICES PRECIPITEES A MORPHOLOGIE, GRANULOMETRIE ET POROSITE PARTICULIERES, LEUR PREPARATION ET LEURS UTILISATIONS**
[72] ALLAIN, EMMANUELLE, FR
[72] HERNANDEZ, JULIEN, FR
[72] VENTELON, LIONEL, BE
[72] GUY, LAURENT, FR
[72] AIRIAU, MARC, FR
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[30] FR (0801289) 2008-03-10

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[25] EN
[54] **CATALYST FOR OLIGOMERIZATION OF ETHYLENE, METHOD FOR PREPARATION THEREOF AND PROCESS FOR OLIGOMERIZATION USING IT**
[54] **CATALYSEUR D'OLIGOMERISATION DE L'ETHYLENE, SON PROCEDE DE PREPARATION ET PROCEDE D'OLIGOMERISATION L'UTILISANT**
[72] ALIYEV, VUGAR O., SA
[72] AL-HAZMI, MOHAMMED, SA
[72] MOSA, FUAD, SA
[72] ROSENTHAL, UWE, DE
[72] MUELLER, BERND H., DE
[72] HAPKE, MARKO, DE
[72] PEULECKE, NORMEN, DE
[72] WOEHL, ANINA, DE
[72] FRITZ, PETER M., DE
[72] BOELT, HEINZ, DE
[72] MUELLER, WOLFGANG, DE
[72] WINKLER, FLORIAN, DE
[72] WELLENHOFER, ANTON, DE
[73] LINDE AG, DE
[73] SAUDI BASIC INDUSTRIES CORPORATION, SA
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[30] EP (08006851.3) 2008-04-04

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[13] C

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[25] EN
[54] **UNIFORM EQUIPMENT MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE D'EQUIPEMENT UNIFORME**
[72] PACHOUD, WILLIAM, US
[72] CHAPEL, STEVE, US
[73] ZONIT STRUCTURED SOLUTIONS, LLC, US
[85] 2010-09-27
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[54] **ENSEMBLE GOUPILLE DE MONTAGE DESTINE A UN ELEMENT D'USURE D'EXCAVATEUR**
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[72] ORTON, SIMON PETER, AU
[72] LAWLER, TODD JOHN, AU
[72] HEAPHY, PAUL LINDSAY, AU
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[54] **ENSEMBLE VERROU POUR ELEMENT D'USURE D'EXCAVATRICE**
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[72] RADEL, CAMERON WAYNE, AU
[72] MULDER, DEREK ADOLF, AU
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[54] **DISPOSABLE ABSORBENT ARTICLE WITH ABSORBENT PARTICULATE POLYMER MATERIAL DISTRIBUTED FOR IMPROVED ISOLATION OF BODY EXUDATES**
[54] **ARTICLE ABSORBANT JETABLE AVEC MATERIAU POLYMERE PARTICULAIRE ABSORBANT DISTRIBUE POUR UN ISOLEMENT AMELIORE DES EXSUDATS CORPORELS**
[72] WCIORKA, MAJA, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[72] SCHOENBORN, UDO FRIEDEL, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDES ET APPAREIL DE SEPARATION DE FLUX A PHASES MULTIPLES**
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[54] **PROCEDES DE DECLenchement DE FRACTURES D'INTERSECTION A L'AIDE DE MOYENS EXPLOSIFS ET CRYOGENIQUES**
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[54] **FABRIC REFRESHING CABINET DEVICE**
[54] **DISPOSITIF ARMOIRE A RAFRAICHISSEMENT DE TISSU**
[72] ROSELLE, BRIAN JOSEPH, US
[72] BISCHOFF, COREY MICHAEL, US
[72] DEKETELE, LIEVEN RICHARD, BE
[72] HOLLINGER, STEFAN H., DE
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[54] **ENSEMBLES CIRCUITS ELECTRIQUES ET COMPOSANTS STRUCTURELS INTEGRANT CEUX-CI**
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[72] HAQ, SAJAD, GB
[72] DUNLEAVY, MICHAEL, GB
[72] GOUGH, DAVID WILLIAM, GB
[72] REW, JASON KARL, GB
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[54] **ADDITIF DE REDUCTION DES DEPOTS POUR LAVE-VAISSELLES AUTOMATIQUES**
[72] MANNA, JOSEPH, US
[72] SHULMAN, JAN EDWARD, US
[73] ROHM AND HAAS COMPANY, US
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[54] **MATERIAU ISOLANT COMPOSITE AEROGEL/PDTE**
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[72] FARNWORTH, BRIAN, US
[72] DUTTA, ANIT, US
[72] REIS, BRADLEY E., US
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[72] OMIDBAKHSI, NAVID, CA

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[54] **PINCEAU DE MAQUILLAGE DOUBLE**

[72] TELWAR, ANISA, US

[73] ANISA INTERNATIONAL, INC., US

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[54] **MAGNETIC RANGING METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE REPERAGE MAGNETIQUE**

[72] WISLER, MACMILLAN M., US

[72] AIELLO, ROBERT A., US

[72] BINFORD, TOMMY L., JR., US

[72] COLLINS, HARRY M., US

[72] ELMORE, JAMES D., US

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[73] PRECISION ENERGY SERVICES, INC., US

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[54] **COMPOSITION COMPRENANT DES MICROCAPSULES**

[72] BRAECKMAN, KARL GHISLAIN, BE

[72] DEPOOT, KAREL JOZEF MARIA, BE

[72] VAN PACHTENBEKE, TIM ROGER MICHEL, BE

[72] SMETS, JOHAN, BE

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[54] **WALK-BEHIND LAWNMOWER**

[54] **TONDEUSE A GAZON POUSSEE**

[72] NINOMIYA, YUSUKE, JP

[72] IIDA, TETSUO, JP

[72] HIROSE, NOBUYUKI, JP

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[54] **PROCEDE DE FABRICATION DE PANNEAUX ISOLANTS EN FIBRES DE BOIS**

[72] LEMPFER, KARSTEN, DE

[73] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE

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[54] **METHOD AND APPARATUS FOR SEPARATING SOLIDS FROM SOLIDS LADEN DRILLING FLUID**

[54] **PROCEDE ET APPAREIL POUR SEPARER DES MATIERES SOLIDES D'UN FLUIDE DE FORAGE CHARGE DE MATIERES SOLIDES**

[72] BURNETT, GEORGE ALEXANDER, GB

[73] NATIONAL OILWELL VARCO, L.P., US

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[54] **PIECE D'ECARTEMENT DE WAGON FERROVIAIRE A PALIER ETANCHE**

[72] FETTY, MARK W.K., US

[73] AMSTED RAIL COMPANY, INC., US

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[54] **PLAQUE TOURNANTE POUR MACHINE D'EMBALLAGE**

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[73] OY M. HALOILA AB, FI

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[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT PERSONNEL**
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[73] MAWASHI VETEMENTS DE PROTECTION INC., CA
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[54] **DISPOSITIF DE RETENUE DES FUITES SUR UNE BOITE A GARNITURE**
[72] BREWER, JACK G., US
[72] FRUIT, DARREL G., US
[72] SHROYER, STEVEN L., US
[72] FRUIT, DARREL B., US
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[72] MCKENZIE, AARON, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[72] THIESSEN, BERNIE, CA
[73] WOODHAVEN CAPITAL CORP., CA
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[72] TEMPLET, TIMOTHY, US
[72] DUBE, PAUL, US
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[54] **SYSTEME D'ASSOURDISSEMENT DU BRUIT A PRESSION DIFFERENTIELLE ELEVEE**
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[72] GLESSNER, JOHN CARL, US
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[73] GENERAL ELECTRIC COMPANY, US
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[72] HOSIE, DAVID G., US
[72] GRAYSON, MICHAEL BRIAN, US
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[72] BAOYAN, LI, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **AGENTS DE MODIFICATION DE SURFACE POUR LA MODIFICATION DE LA MOUILLABILITE**
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[72] HUGHES, TREVOR LLOYD, GB
[72] GEDDES, JILL F., GB
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **GENERATEUR DE MUSICO THEQUE NUMERIQUE AUTOMATIQUE**
[72] BEN-YAACOV, YAACOV, IL
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[54] **GENERATEUR DE 68GA**
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[72] NIKULA, TUOMO, DE
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[54] **CODAGE TONOTOPIQUE ET PERIODIQUE HAUTE PRECISION AVEC RESOLUTION HARMONIQUE AMELIOREE**
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[54] **ADDITIFS POUR AMELIORER LES PROPRIETES D'HUILES DE MOTEUR**
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[72] SHETH, KETANKUMAR K., US
[72] O'BRYAN, SURESHA R., US
[72] YANG, JIANZHONG, US
[72] SALMA, TAUSEEF, US
[73] BAKERS HUGHES INCORPORATED, US
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[25] EN
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[54] **ANNEAU LIMITEUR D'EXTRUSION D'UNE GARNITURE MONOPIECE**
[72] NEER, ADAM K., US
[72] HAVELKA, EMIL, US
[72] CROCKFORD, LLOYD, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COUVERCLE AVEC REBORD COURBE ET SORTIES D'AIR BOMBES POUR LA COLLECTE DES FEUILLES AVEC UN SOUFFLEUR/ASPIRATEUR ET LE REJET DES DEBRIS DANS UN SAC**
[72] LALIBERTE, WILLIAM W. L., CA
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[73] WAL-EZ LTD., CA
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[54] **CLAIE ALIMENTAIRE ET
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[54] **CONSTRUCTION FRAMING MEMBER WITH INTEGRATED THERMAL BREAK AND METHOD FOR MANUFACTURING SAME**
[54] **ELEMENT DE CHARPENTE DE CONSTRUCTION AVEC COUPURE THERMIQUE INTEGREE ET SON PROCEDE DE FABRICATION**
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[54] **TEMPLATE, KIT AND METHOD FOR FLOOR LEVELING**
[54] **MODELE, TROUSSE ET PROCEDE POUR NIVELLEMENT DE PLANCHER**
[72] BLAIN, NORBERT, CA
[71] CERAMIQUES NORBERT BLAIN, CA
[22] 2012-05-22
[41] 2013-11-22

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[21] **2,777,449**
[13] A1

[51] **Int.Cl. C09K 8/70 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **LIQUEFIED INDUSTRIAL GAS BASED SOLUTION IN HYDRAULIC FRACTURING**
[54] **SOLUTION A BASE DE GAZ INDUSTRIEL LIQUEFIE POUR LE FRACTIONNEMENT HYDRAULIQUE**
[72] LANCTOT-DOWNS, CAMILLE, CA
[72] EPINEY, MICHEL, CA
[72] LABERGE, FABRICE, CA
[72] RASANAYAGAM, VASUHI, US
[72] SUNDARAM, MEENAKSHI, US
[71] L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2012-05-17
[41] 2013-11-17

[21] **2,777,461**
[13] A1

[51] **Int.Cl. C07F 7/08 (2006.01)**
[25] EN
[54] **IMPROVED LIGAND SYNTHESIS**
[54] **SYNTHESE DES LIGANDS AMELIOREE**
[72] GAO, XIAOLIANG, CA
[72] MORRISON, DARRYL J., CA
[72] CARTER, CHARLES ASHTON GARRET, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2012-05-17
[41] 2013-11-17

[21] **2,777,704**
[13] A1

[51] **Int.Cl. E21B 19/14 (2006.01)**
[25] EN
[54] **TUBING TRAY AND METHOD FOR USING SAME FOR COLLECTING FLUIDS DRAINING FROM DRILL PIPE**
[54] **PLATEAU POUR TUBING ET PROCEDE D'UTILISATION DE CELUI-CI POUR LA RECUPERATION DES FLUIDES S'ECOULANT D'UNE TIGE DE FORAGE**
[72] HOLTBY, QUINN A. J., CA
[72] GREENWOOD, DALLAS LAIRD, CA
[71] KATCH KAN HOLDINGS LTD., CA
[22] 2012-05-18
[41] 2013-11-18

[21] **2,777,785**
[13] A1

[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01) A41D 13/06 (2006.01)**
[25] EN
[54] **LEG PAD FOR A HOCKEY PLAYER**
[54] **JAMBIERE POUR JOUEUR DE HOCKEY**
[72] CONTANT, MATHIEU, CA
[72] LAPERRIERE, JEAN-FRANCOIS, CA
[72] BEAUREGARD, MARCO, CA
[72] GENEUREUX, MARIE-CLAUDE, CA
[71] BAUER HOCKEY CORP., CA
[22] 2012-05-18
[41] 2013-11-18

[21] **2,777,786**
[13] A1

[51] **Int.Cl. A63B 71/08 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A63B 71/12 (2006.01)**
[25] EN
[54] **PROTECTIVE ATHLETIC GARMENT**
[54] **VETEMENT DE SPORT PROTECTEUR**
[72] CONTANT, MATHIEU, CA
[72] BEAUREGARD, MARCO, CA
[72] GENEUREUX, MARIE-CLAUDE, CA
[72] LEBLANC, ALEXANDRE, CA
[71] BAUER HOCKEY CORP., CA
[22] 2012-05-18
[41] 2013-11-18

[21] **2,777,850**
[13] A1

[51] **Int.Cl. B01D 35/28 (2006.01)**
[25] EN
[54] **GREASE SEPARATION AND DISPOSAL SYSTEM**
[54] **SYSTEME DE SEPARATION ET D'EVACUATION DES GRAISSES**
[72] ICETON, TERENCE R., CA
[71] CAR-KOR ENTERPRISES LTD., CA
[22] 2012-05-22
[41] 2013-11-22

[21] **2,777,919**
[13] A1

[51] **Int.Cl. B66F 9/12 (2006.01)**
[25] EN
[54] **SOD TRANSFER METHOD**
[54] **PROCEDE DE TRANSFERT DE SOD**
[72] BROWN, WILLIAM, CA
[71] BROWN, WILLIAM, CA
[22] 2012-05-23
[41] 2013-11-23

[21] **2,777,966**
[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) B01D 11/02 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **SOLVENT INJECTION PLANT FOR ENHANCED OIL RECOVERY AND METHOD OF OPERATING SAME**
[54] **USINE D'INJECTION DE SOLVANT POUR RECUPERATION D'HUILE AMELIOREE ET PROCEDE DE FONCTIONNEMENT DE CELLE-CI**
[72] NENNIGER, JOHN, CA
[72] HOLCEK, RON, CA
[72] DILLON, JIM, CA
[72] WOLFF, VINING, CA
[71] N-SOLV CORPORATION, CA
[22] 2012-05-23
[41] 2013-11-23

[21] **2,777,979**
[13] A1

[51] **Int.Cl. B63B 27/14 (2006.01)**
[25] EN
[54] **BEECHLANDER ELECTRIC PONTOON RAMP**
[54] **RAMPE POUR PONTON ELECTRIQUE BEECHLANDER**
[72] BELANGER, ROBERT, CA
[71] BELANGER, ROBERT, CA
[22] 2012-05-17
[41] 2013-11-17

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[21] **2,778,016**
[13] A1

[51] **Int.Cl. B01D 17/025 (2006.01) E03C 1/26 (2006.01) E03F 5/16 (2006.01)**
 [25] EN
 [54] **SOLIDS CONTAINMENT DEVICE FOR USE WITHIN OR IN ASSOCIATION WITH HYDROMECHANICAL GREASE INTERCEPTOR**
 [54] **DISPOSITIF DE CONFINEMENT DE SOLIDES A UTILISER DANS UN SEPARATEUR DE GRAISSE HYDROMECHANIQUE OU EN ASSOCIATION AVEC CELUI-CI**
 [72] BIRD, ANDREW, CA
 [72] MANTYLA, JAMES BRIAN, CA
 [72] WARD, JOHN, CA
 [72] TESKY, JAMES EDWIN, CA
 [71] CANPLAS INDUSTRIES LTD., CA
 [22] 2012-05-23
 [41] 2013-11-23

[21] **2,778,094**
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01) H04W 88/14 (2009.01) G01V 1/22 (2006.01) H01Q 1/12 (2006.01) H01Q 3/00 (2006.01) E21B 49/00 (2006.01)**
 [25] EN
 [54] **WIRELESS DATA PIPELINE**
 [54] **PIPELINE DE DONNEES SANS FIL**
 [72] HAYDAR, RASHED, CA
 [72] EL-HAMAMSY, SAYED-AMR, CA
 [71] SRD INNOVATIONS INC., CA
 [22] 2012-05-23
 [41] 2013-11-23

[21] **2,778,095**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/84 (2006.01) C12M 1/40 (2006.01) C12N 9/88 (2006.01) C12N 11/00 (2006.01)**
 [25] EN
 [54] **ACTIVITY REPLENISHMENT AND IN SITU ACTIVATION FOR ENZYMATIC CO2 CAPTURE PACKED REACTOR**
 [54] **REGENERATION DE L'ACTIVITE ET ACTIVATION IN SITU POUR REACTEUR A GARNISSAGE DE CAPTURE DE C02 ENZYMATIQUE**
 [72] MADORE, ERIC, CA
 [72] FRADETTE, SYLVIE, CA
 [72] LAWSON, JEREMY, CA
 [71] CO2 SOLUTIONS INC., CA
 [22] 2012-05-17
 [41] 2013-11-17

[21] **2,778,099**
[13] A1

[51] **Int.Cl. E02B 11/00 (2006.01) E02B 3/04 (2006.01) E21B 41/00 (2006.01)**
 [25] EN
 [54] **WELL SITE DRAINAGE SYSTEM**
 [54] **SYSTEME DE DRAINAGE POUR EMPLACEMENT DE Puits**
 [72] DIETZ, BRIAN D., CA
 [71] BRI-MAR OILFIELD SERVICES LTD., CA
 [22] 2012-05-23
 [41] 2013-11-23

[21] **2,778,201**
[13] A1

[51] **Int.Cl. A47K 13/10 (2006.01) E03D 9/00 (2006.01)**
 [25] EN
 [54] **VOICE RECOGNITION RESPONSIVE MOTION SENSING HOLOGRAPHIC INTERACTIVE DISPLAY TOUCH FREE TOILET SEAT RAISING AND LOWER ASSEMBLY**
 [54] **ENSEMBLE DE SOULEVEMENT ET D'ABAISSEMENT DE SIEGE DE TOILETTE SANS CONTACT, A AFFICHAGE INTERACTIF HOLOGRAPHIQUE, DETECTION DE MOUVEMENT REACTIF ET RECONNAISSANCE VOCALE**
 [72] CLEMENTS, SIGMUND, CA
 [71] CLEMENTS, SIGMUND, CA
 [22] 2012-05-18
 [41] 2013-11-18

[21] **2,778,297**
[13] A1

[51] **Int.Cl. G01L 1/00 (2006.01)**
 [25] EN
 [54] **LINEAR HALL EFFECT FORCE WEIGHT SENSOR**
 [54] **CAPTEUR DE FORCE ET DE POIDS A EFFET HALL LINEAIRE**
 [72] GEIGER, NORMAN E., CA
 [71] GEIGER, NORMAN E., CA
 [22] 2012-05-17
 [41] 2013-11-17

[21] **2,778,347**
[13] A1

[51] **Int.Cl. A61B 6/02 (2006.01) G06T 17/00 (2006.01)**
 [25] FR
 [54] **METHOD AND APPARATUS FOR NON-LINEAR STATISTICAL MODELING**
 [54] **METHODE ET APPAREIL DE MODELISATION STATISTIQUE NON LINEAIRE**
 [72] LAVOIE, FREDERIC, CA
 [72] BENAMEUR, SAID L., CA
 [71] LAVOIE, FREDERIC, CA
 [71] BENAMEUR, SAID L., CA
 [22] 2012-05-17
 [41] 2013-11-17

[21] **2,778,424**
[13] A1

[51] **Int.Cl. F24C 15/02 (2006.01)**
 [25] EN
 [54] **DOMESTIC APPLIANCE HINGE ASSEMBLY WITH DAMPER ALIGNMENT SPACER BUSHINGS**
 [54] **ENSEMBLE CHARNIERE POUR APPAREIL ELECTROMENAGER AVEC BAGUES D'ECARTEMENT D'ALIGNEMENT A AMORTISSEUR**
 [72] ELKASEVIC, SUAD, US
 [71] BSH HOME APPLIANCES CORPORATION, US
 [22] 2012-05-29
 [41] 2013-11-23
 [30] US (13/478,274) 2012-05-23

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[21] **2,778,460**
[13] A1

[51] **Int.Cl. E05D 7/00 (2006.01) F24C 15/02 (2006.01)**
[25] EN
[54] **DOMESTIC APPLIANCE HINGE ASSEMBLY WITH CYLINDER ALIGNMENT SHOULDER BUSHING**
[54] **ENSEMBLE CHARNIERE POUR APPAREIL ELECTROMENAGER AVEC RACCORD D'EPAULEMENT A ALIGNEMENT DE CYLINDRES**
[72] ELKASEVIC, SUAD, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-05-29
[41] 2013-11-23
[30] US (13/478,277) 2012-05-23

[21] **2,778,732**
[13] A1

[51] **Int.Cl. F24C 15/08 (2006.01) A47B 91/00 (2006.01) A47B 91/02 (2006.01) D06F 37/20 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **HOME APPLIANCE WITH SUPPORT LEG COVER**
[54] **APPAREIL ELECTROMENAGER POURVU D'UN COUVERCLE DE PIEDS DE SUPPORT**
[72] ANDERSON, MAYLENE, US
[72] HENEGAR, CLIFFORD, US
[72] RUTHERFORD, MICHAEL, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-05-29
[41] 2013-11-22
[30] US (13/477,133) 2012-05-22

[21] **2,783,435**
[13] A1

[51] **Int.Cl. F24C 15/00 (2006.01) A47L 15/42 (2006.01) D06F 37/00 (2006.01) D06F 39/00 (2006.01) D06F 58/20 (2006.01) F25D 23/00 (2006.01) G09F 3/00 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **HOME APPLIANCE HAVING A HIDEAWAY LABEL PLATE**
[54] **APPAREIL ELECTROMENAGER POURVU D'UNE PLAQUE D'IDENTIFICATION ESCAMOTABLE**
[72] BRINGE, WILLIAM, US
[72] HANNA, CHARLIE, US
[72] RUTHERFORD, MICHAEL, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-07-20
[41] 2013-11-18
[30] US (13/475,096) 2012-05-18

[21] **2,778,716**
[13] A1

[51] **Int.Cl. E05D 7/00 (2006.01) F24C 15/02 (2006.01)**
[25] EN
[54] **DOMESTIC APPLIANCE HINGE ASSEMBLY WITH UNIVERSAL HINGE BODY DESIGN**
[54] **ENSEMBLE CHARNIERE POUR APPAREIL ELECTROMENAGER AVEC CONCEPTION DE CORPS DE CHARNIERE UNIVERSELLE**
[72] ELKASEVIC, SUAD, US
[72] MAY, GEORGE, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-05-29
[41] 2013-11-23
[30] US (13/478,281) 2012-05-23

[21] **2,778,734**
[13] A1

[51] **Int.Cl. F24C 15/08 (2006.01)**
[25] EN
[54] **HOME APPLIANCE WITH UNDISTORTED FRONT PANEL CURVATURE**
[54] **APPAREIL ELECTROMENAGER AVEC COURBURE DE PANNEAU AVANT NON DEFORMEE**
[72] BRATCHER, JERRY, US
[72] HENEGAR, CLIFFORD, US
[72] RUTHERFORD, MICHAEL, US
[72] SMITH, DONNIE, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-05-29
[41] 2013-11-23
[30] US (13/478,285) 2012-05-23

[21] **2,786,269**
[13] A1

[51] **Int.Cl. G05D 9/04 (2006.01) E21B 43/12 (2006.01) E21B 43/18 (2006.01) F04B 49/04 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **FLUID LEVEL CONTROL MECHANISM**
[54] **MECANISME DE COMMANDE DE NIVEAU DE LIQUIDE**
[72] FILIPPI, WILLIAM K., US
[71] FILIPPI, WILLIAM K., US
[22] 2012-08-16
[41] 2013-11-23
[30] US (13/479,166) 2012-05-23

[21] **2,778,726**
[13] A1

[51] **Int.Cl. E05D 7/00 (2006.01) F24C 15/02 (2006.01)**
[25] EN
[54] **DOMESTIC APPLIANCE HINGE ASSEMBLY WITH DOUBLE LINKAGE**
[54] **ENSEMBLE CHARNIERE POUR APPAREIL ELECTROMENAGER AVEC ARTICULATION DOUBLE**
[72] ELKASEVIC, SUAD, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-05-29
[41] 2013-11-23
[30] US (13/478,271) 2012-05-23

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[21] **2,788,470**
 [13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 8/19 (2006.01) A61K 8/49 (2006.01) A61K 31/33 (2006.01) A61K 31/4439 (2006.01) A61P 39/06 (2006.01) C07F 7/08 (2006.01) C09K 15/32 (2006.01)**

[25] EN

[54] **NOVEL NI COMPLEX AND ITS DERIVATIVES, PRODUCING METHOD, AND THE USE THEREOF AS ANTIOXIDANT**

[54] **NOUVEAU COMPLEXE NI ET SES DERIVES, METHODE DE PRODUCTION ET UTILISATION DE CEUX-CI EN TANT QU'OXYDANT**

[72] LEE, WAY-ZEN, TW
 [72] CHIANG, CHIEN-WEI, TW
 [72] LIN, TSUNG-HAN, TW
 [72] KUO, TING-SHEN, TW
 [71] NATIONAL TAIWAN NORMAL UNIVERSITY, TW

[22] 2012-08-24
 [41] 2013-11-22
 [30] TW (101118168) 2012-05-22

[21] **2,794,365**
 [13] A1

[51] **Int.Cl. B32B 7/12 (2006.01) B32B 29/00 (2006.01) B32B 33/00 (2006.01) B42D 1/00 (2006.01) D21H 27/32 (2006.01)**

[25] EN

[54] **PAPER PRODUCT WITH BLEED-THROUGH RESISTANT AND SHOW-THROUGH RESISTANT QUALITIES**

[54] **PRODUIT EN PAPIER OFFRANT DES CARACTERISTIQUES DE RESISTANCE A LA DETEINTE ET A LA TRANSPARENCE**

[72] MAYHEW, MAYS, US
 [71] CRESCENT CARDBOARD COMPANY, LLC, US

[22] 2012-10-29
 [41] 2013-11-17
 [30] US (61/648,227) 2012-05-17

[21] **2,795,126**
 [13] A1

[51] **Int.Cl. F41B 3/02 (2006.01) F41A 9/72 (2006.01)**

[25] EN

[54] **SLINGSHOT LOADER AND METHOD OF USE**

[54] **CHARGEUR DE FRONDE ET PROCEDE D'UTILISATION**

[72] MACDONALD, DAVID, CA
 [71] MACDONALD, DAVID, CA

[22] 2012-11-08
 [41] 2013-11-21

[21] **2,797,761**
 [13] A1

[51] **Int.Cl. B65D 88/74 (2006.01) B65D 90/06 (2006.01)**

[25] EN

[54] **FLOATING INSULATION FOR A PRODUCTION TANK**

[54] **ISOLATION FLOTTANTE POUR UN RESERVOIR DE PRODUCTION**

[72] LIPINSKI, JOHN, CA
 [71] TRINITY HIGH - TECH PRODUCTS LTD., CA

[22] 2012-11-27
 [41] 2013-11-18

[21] **2,798,751**
 [13] A1

[51] **Int.Cl. A63B 53/04 (2006.01)**

[25] EN

[54] **GOLF CLUB HEADS AND METHODS OF MANUFACTURING GOLF CLUB HEADS**

[54] **TETES DE BATONS DE GOLF ET LEUR PROCEDE DE FABRICATION**

[72] JERTSON, MARTY R., US
 [72] PETERSEN, DAVID L., US
 [71] KARSTEN MANUFACTURING CORPORATION, US

[22] 2012-12-13
 [41] 2013-11-21
 [30] US (13/476,834) 2012-05-21

[21] **2,805,439**
 [13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01) G07C 5/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR USING A MOBILE DEVICE TO COLLECT DATA FOR INSURANCE PREMIUMS**

[54] **SYSTEMES ET METHODES D'UTILISATION D'UN APPAREIL MOBILE POUR COLLECTER DES DONNEES AUX FINS DES PRIMES D'ASSURANCE**

[72] BOWNE, BENJAMIN, US
 [72] PENG, JUFENG, US
 [72] BAKER, NICK, US
 [72] MARZINZIK, DUANE, US
 [72] RILEY, ERIC, US
 [72] CHRISTOPOULOS, NICK, US
 [72] FIELDS, BRIAN, US
 [72] WILSON, LYNN, US
 [72] WILKERSON, TODD, US
 [72] THURBER, DAVE, US
 [71] STATE FARM INSURANCE, US

[22] 2013-02-08
 [41] 2013-11-22
 [30] US (13/477,793) 2012-05-22
 [30] US (13/490,166) 2012-06-06

[21] **2,805,995**
 [13] A1

[51] **Int.Cl. G07C 5/08 (2006.01) H04W 4/00 (2009.01) G06Q 40/08 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR CONTROLLING THE COLLECTION OF VEHICLE USE DATA USING A MOBILE DEVICE**

[54] **SYSTEMES ET PROCEDES POUR CONTROLER LA COLLECTE DE DONNEES SUR L'UTILISATION D'UN VEHICULE AU MOYEN D'UN APPAREIL MOBILE**

[72] BOWNE, BENJAMIN, US
 [72] BAKER, NICHOLAS R., US
 [72] CHRISTOPULOS, NICK U., US
 [72] WILKERSON, BRYAN T., US
 [71] STATE FARM INSURANCE, US

[22] 2013-02-18
 [41] 2013-11-22
 [30] US (13/477,793) 2012-05-22
 [30] US (13/659,405) 2012-10-24

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[21] **2,806,033**
[13] A1

[51] **Int.Cl. F04D 27/00 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 25/10 (2006.01) F24F 7/007 (2006.01) F24F 11/00 (2006.01) H01H 17/18 (2006.01)**

[25] EN

[54] **OSCILLATING FAN WITH BUILT-IN PULL-TYPE CONTROL SWITCH**

[54] **VENTILATEUR OSCILLANT AVEC INTERRUPTEUR DE COMMANDE A TRACTION INTEGRE**

[72] YU, STEVEN, US

[71] YU, STEVEN, US

[22] 2013-02-13

[41] 2013-11-23

[30] US (13/479,231) 2012-05-23

[21] **2,807,882**
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01)**

[25] EN

[54] **ABRASION RESISTANCE IN WELL FLUID WETTED ASSEMBLIES**

[54] **RESISTANCE A L'ABRASION DANS LES ENSEMBLES IMMERGES DANS DES FLUIDES DE Puits**

[72] TETZLAFF, STEVEN KEITH, US

[72] WALTON, FREDDIE GEORGE, US

[72] JOLLY, DAVID THOMAS, US

[72] JAYARAM, SHIV, US

[71] SUMMIT ESP, LLC, US

[22] 2013-02-28

[41] 2013-11-22

[30] US (61/650,030) 2012-05-22

[30] US (13/777,870) 2013-02-26

[21] **2,808,064**
[13] A1

[51] **Int.Cl. B64C 25/60 (2006.01) B64C 25/22 (2006.01) F15B 15/14 (2006.01) F16F 9/06 (2006.01) F16F 9/56 (2006.01)**

[25] EN

[54] **HYDRAULIC STRUT ASSEMBLY FOR SEMI-LEVERED LANDING GEAR**

[54] **JAMBE DE SUSPENSION HYDRAULIQUE POUR TRAIN D'ATTERISSAGE PARTIELLEMENT MAN~UVRE**

[72] LINDAHL, GARY M., US

[72] NELSON, ERIC HOWARD, US

[72] MELLOR, MITCHELL LOREN RAY, US

[71] THE BOEING COMPANY, US

[22] 2013-02-28

[41] 2013-11-17

[30] US (13/474,332) 2012-05-17

[21] **2,808,565**
[13] A1

[51] **Int.Cl. H02K 5/132 (2006.01) E21B 43/12 (2006.01) E21B 43/16 (2006.01) H02K 41/02 (2006.01)**

[25] EN

[54] **LINEAR ELECTRIC MOTOR FOR ARTIFICIAL LIFT SYSTEM**

[54] **MOTEUR ELECTRIQUE LINEAIRE POUR SYSTEME DE SOULEVEMENT ARTIFICIEL**

[72] FILIPPOV, ALEXANDR VASILIEVICH, RU

[72] SHARIPOV, SALIHAN SHAKIRIANOVICH, RU

[72] SAGALOVSKIY, VLADIMIR IOSIFOVICH, RU

[72] SAGALOVSKIY, ANDREI VLADIMIROVICH, RU

[71] OILFIELD EQUIPMENT DEVELOPMENT CENTER LIMITED, SC

[22] 2013-03-08

[41] 2013-11-21

[30] WO (PCT/RU2012/000401) 2012-05-21

[21] **2,808,865**
[13] A1

[51] **Int.Cl. C23C 2/38 (2006.01) C23C 2/04 (2006.01) C23C 2/26 (2006.01) C23C 28/00 (2006.01) C25D 7/04 (2006.01)**

[25] EN

[54] **METHOD OF MAKING HYDRAULIC TUBING**

[54] **PROCEDE DE FABRICATION DE TUBULURE HYDRAULIQUE**

[72] MACKAY, GARY, CA

[71] TUBE-MAC PIPING TECHNOLOGIES LTD., CA

[22] 2013-03-11

[41] 2013-11-18

[30] US (13/475,506) 2012-05-18

[21] **2,810,010**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CONNECTION ESTABLISHMENT BIAS FOR WIRELESS NETWORKS**

[54] **PROCEDE ET SYSTEME DE POLARISATION D'ETABLISSEMENT DE CONNEXION POUR RESEAUX SANS FIL**

[72] NOVAK, ROBERT, CA

[72] MURUGANATHAN, SIVA DHARSHAN, CA

[72] GAGE, WILLIAM ANTHONY, CA

[72] MUKHERJEE, BISWAROOP, CA

[72] TABEL, TARIK, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-03-20

[41] 2013-11-18

[30] US (13/475,539) 2012-05-18

[21] **2,810,141**
[13] A1

[51] **Int.Cl. F02N 19/06 (2010.01)**

[25] EN

[54] **PORTABLE ENGINE PREHEATER FIRED BY PROPANE**

[54] **PRECHAUFFEUR DE MOTEUR PORTATIF ALIMENTE AU PROPANE**

[72] HOBART, RICHARD L., US

[72] HOBART, JOHN B., US

[71] HOBART, RICHARD L., US

[22] 2013-03-28

[41] 2013-11-20

[30] US (13/477,007) 2012-05-20

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[21] **2,810,460**
 [13] A1

[51] **Int.Cl. G06N 5/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **APPARATUS, AND ASSOCIATED METHOD, FOR SLICING AND USING KNOWLEDGBASE**

[54] **APPAREIL ET METHODE ASSOCIEE POUR DECOUPER ET UTILISER UNE BASE DE CONNAISSANCES**

[72] ALEMZADEH, MILAD, CA

[72] SHENFIELD, MICHAEL, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-03-25

[41] 2013-11-23

[30] US (13/478,306) 2012-05-23

[21] **2,811,513**
 [13] A1

[51] **Int.Cl. H04W 24/00 (2009.01) H04L 27/18 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TRANSMITTING DATA THROUGH A DIGITAL INTERFACE**

[54] **SYSTEME ET METHODE DE TRANSMISSION DE DONNEES PAR LE BIAIS D'UNE INTERFACE NUMERIQUE**

[72] WENG, JIANFENG, CA

[72] QIAN, XING, CA

[72] LIANG, YANGWEN, CA

[72] XU, QING FENG, CA

[72] SNYDER, CHRISTOPHER EUGENE, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-04-04

[41] 2013-11-22

[30] EP (12168943.4) 2012-05-22

[21] **2,811,576**
 [13] A1

[51] **Int.Cl. F15D 1/08 (2006.01) G01F 15/00 (2006.01)**

[25] EN

[54] **REFLECTOR FOR FLUID MEASUREMENT SYSTEM**

[54] **REFLECTEUR POUR SYSTEME DE MESURE DE FLUIDE**

[72] SAWCHUK, DANIEL A., CA

[72] SELIRIO, REGINALD, CA

[71] CANADA PIPELINE ACCESSORIES, CO. LTD., CA

[22] 2013-04-04

[41] 2013-11-17

[30] US (13/473,761) 2012-05-17

[21] **2,811,893**
 [13] A1

[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01) A63B 71/14 (2006.01)**

[25] EN

[54] **TWO-WAY PROTECTIVE PAD CONSTRUCTION**

[54] **STRUCTURE DE COUSSINET DE PROTECTION BIDIRECTIONNEL**

[72] PAUL, MICHEL S., CA

[72] JAJKO, OLIVIER C., CA

[72] ARPIN, VINCENT, CA

[71] WARRIOR SPORTS, INC., US

[22] 2013-04-09

[41] 2013-11-23

[30] US (61/650,740) 2012-05-23

[30] US (13/827,788) 2013-03-14

[21] **2,812,172**
 [13] A1

[51] **Int.Cl. E04C 1/00 (2006.01) B28B 7/00 (2006.01) E02D 29/02 (2006.01)**

[25] EN

[54] **RETAINING WALL BLOCK**

[54] **BLOC DE MUR DE RETENUE**

[72] KARAU, WILLIAM H., US

[71] PAVESTONE, LLC, US

[22] 2013-04-10

[41] 2013-11-23

[30] US (13/479,181) 2012-05-23

[21] **2,812,406**
 [13] A1

[51] **Int.Cl. A43C 15/10 (2006.01) A43C 15/00 (2006.01)**

[25] EN

[54] **TRACTION DEVICE FOR FOOTWEAR**

[54] **DISPOSITIF DE TRACTION POUR CHAUSSURES**

[72] JONES, MERRICK, US

[71] IMPLUS FOOTCARE, LLC, US

[22] 2013-04-10

[41] 2013-11-18

[30] US (13/475,747) 2012-05-18

[21] **2,812,604**
 [13] A1

[51] **Int.Cl. B60R 21/26 (2011.01)**

[25] EN

[54] **AIRBAG START-UP DECISION APPARATUS FOR MOTORCYCLE**

[54] **APPAREIL DE DECISION DE LANCEMENT DE SAC GONFLABLE POUR MOTOCYCLETTE**

[72] KOBAYASHI, YUKI, JP

[71] HONDA MOTOR CO., LTD., JP

[22] 2013-04-15

[41] 2013-11-22

[30] JP (2012-116976) 2012-05-22

[21] **2,812,663**
 [13] A1

[51] **Int.Cl. B62B 7/06 (2006.01) B62B 9/08 (2006.01) B62B 9/12 (2006.01)**

[25] EN

[54] **SECONDARY LOCKING MECHANISM AND COLLAPSIBLE FRAME THEREWITH**

[54] **MECANISME DE VERROUILLAGE SECONDAIRE ET CADRE REPLIABLE**

[72] YUAN, JIALIANG, CN

[71] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK

[22] 2013-04-16

[41] 2013-11-18

[30] CN (201210157633.4) 2012-05-18

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[21] **2,813,108**
[13] A1

[51] **Int.Cl. H04B 5/00 (2006.01) H04W 84/18 (2009.01) H04W 88/02 (2009.01) A45C 11/00 (2006.01)**

[25] EN

[54] **MOBILE WIRELESS COMMUNICATIONS SYSTEM INCLUDING NFC CARRYING CASE AND RELATED METHODS**

[54] **SYSTEME DE COMMUNICATION SANS FIL MOBILE COMPORTANT UN ETUI DE TRANSPORT A COMMUNICATION EN CHAMP PROCHE ET PROCEDES CONNEXES**

[72] ALDANA, LEONARDO, CA
[72] SCHARKOV, JOHN IVAN, CA
[72] SMART, ANDREW DOUGLAS, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-04-17
[41] 2013-11-18
[30] EP (12168592.9) 2012-05-18

[21] **2,813,109**
[13] A1

[51] **Int.Cl. F15B 15/20 (2006.01) F15B 20/00 (2006.01) E05F 15/02 (2006.01)**

[25] EN

[54] **PNEUMATIC CYLINDER WITH PRESSURE MODERATOR**

[54] **CYLINDRE PNEUMATIQUE AVEC REGULATEUR DE PRESSION**

[72] BROMAN, NELSON, US
[71] PHD, INC., US
[22] 2013-04-17
[41] 2013-11-17
[30] US (61/648314) 2012-05-17

[21] **2,814,263**
[13] A1

[51] **Int.Cl. A47B 81/06 (2006.01) E05D 15/06 (2006.01) E06B 3/46 (2006.01) F16M 13/00 (2006.01)**

[25] EN

[54] **SLIDING PANELS SYSTEM FOR HIDING A FLAT SCREEN TV**

[54] **SYSTEME DE PANNEAUX COULISSANTS POUR CACHER UN TELEVISEUR A ECRAN PLAT**

[72] LEMIEUX, ALAIN, CA
[71] LEMIEUX, ALAIN, CA
[22] 2013-04-26
[41] 2013-11-22
[30] GB (1209048.6) 2012-05-22

[21] **2,814,340**
[13] A1

[51] **Int.Cl. H02M 3/07 (2006.01) G02F 1/13 (2006.01) G05D 23/19 (2006.01)**

[25] EN

[54] **OBTAINING ELEVATED OUTPUT VOLTAGES FROM CHARGE PUMP CIRCUITS**

[54] **OBTEINTION DE TENSIONS DE SORTIE ELEVEES DE CIRCUITS DE POMPE DE CHARGE**

[72] ATRI, JAGDISH, US
[71] EMERSON ELECTRIC CO., US
[22] 2013-04-29
[41] 2013-11-17
[30] US (13/473,673) 2012-05-17

[21] **2,814,464**
[13] A1

[51] **Int.Cl. G07C 5/02 (2006.01) B60R 16/02 (2006.01) B60W 40/12 (2012.01)**

[25] EN

[54] **IGNITION EVENT GENERATION USING DATA FROM VEHICLE BUS**

[54] **GENERATION D'UN EVENEMENT D'ALLUMAGE UTILISANT LES DONNEES D'UN BUS DE VEHICULE**

[72] SIIRA, JUHANI, CA
[71] WEBTECH WIRELESS INC., CA
[22] 2013-04-29
[41] 2013-11-17
[30] US (13/473,964) 2012-05-17

[21] **2,814,508**
[13] A1

[51] **Int.Cl. E03D 11/00 (2006.01) E03D 1/00 (2006.01) E03D 11/13 (2006.01)**

[25] EN

[54] **FREE-STANDING TOILET WITH CAST-ON TOILET TANK**

[54] **TOILETTE AUTOPORTANTE POURVUE D'UN RESERVOIR DE TOILETTE MOULE SUR CELLE-CI**

[72] STAMMEL, THOMAS, DE
[72] DE LA CORTE, JUAN, DE
[72] VUCK, EMIL, DE
[72] GRIEBE, WERNER, DE
[71] DURAVIT AKTIENGESELLSCHAFT, DE
[22] 2013-04-30
[41] 2013-11-18
[30] EP (102012010580.0) 2012-05-18

[21] **2,814,902**
[13] A1

[51] **Int.Cl. B62B 1/18 (2006.01) B62B 1/10 (2006.01) B65F 1/00 (2006.01) B65F 1/14 (2006.01)**

[25] EN

[54] **A LIGHTWEIGHT, PORTABLE LAWN CADDY**

[54] **CHARIOT DE PELOUSE PORTATIF LEGER**

[72] STRUCK, ELOY, II, US
[71] STRUCK, ELOY, II, US
[22] 2013-05-03
[41] 2013-11-23
[30] US (13/478,227) 2012-05-23

[21] **2,815,073**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**

[25] EN

[54] **GAMING SYSTEM AND METHOD PROVIDING GAME WITH MULTIDIRECTIONAL SPINNING SYMBOL DISPLAYS**

[54] **SYSTEME ET PROCEDE DE JEU PERMETTANT UN JEU AVEC AFFICHAGES DE SYMBOLES ROTATIFS MULTIDIRECTIONNELS**

[72] DAEGES, JIB I., US
[72] WOLF, BRYAN D., US
[72] CHEUNG, DOROTHY P., US
[71] IGT, US
[22] 2013-05-06
[41] 2013-11-17
[30] US (13/474,528) 2012-05-17

[21] **2,815,252**
[13] A1

[51] **Int.Cl. C01B 33/021 (2006.01) C01B 33/035 (2006.01)**

[25] EN

[54] **POLYCRYSTALLINE SILICON**

[54] **SILICIUM POLYCRISTALLIN**

[72] VIETZ, MATTHIAS, DE
[72] PECH, REINER, DE
[71] WACKER CHEMIE AG, DE
[22] 2013-05-07
[41] 2013-11-21
[30] DE (10 2012 208 473.8) 2012-05-21

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[21] **2,815,308**
[13] A1

[51] **Int.Cl. A63F 9/24 (2006.01) A63F 13/00 (2006.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD FOR PROVIDING A NUDGE POKER GAME**
[54] **SYSTEME ET PROCEDE DE JEU PERMETTANT UN JEU DE POKER A REMPLACEMENT DE CARTES**
[72] DANIELS, DAVID W., US
[71] IGT, US
[22] 2013-05-08
[41] 2013-11-17
[30] US (13/474,514) 2012-05-17

[21] **2,815,389**
[13] A1

[51] **Int.Cl. G03B 15/03 (2006.01)**
[25] EN
[54] **COMBINED CAMERA AND FLASH LENS**
[54] **LENTILLE D'APPAREIL PHOTO ET DE FLASH COMBINEE**
[72] MASSER, PAUL, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-05-07
[41] 2013-11-23
[30] EP (12169031.7) 2012-05-23

[21] **2,815,480**
[13] A1

[51] **Int.Cl. B23K 26/42 (2006.01) B23K 26/20 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING MATERIAL FOR WELDING**
[54] **PROCEDE DE PREPARATION DES MATERIAUX POUR LE SOUDAGE**
[72] DUNSHEE, PATRICK, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2013-05-09
[41] 2013-11-22
[30] US (13/477,507) 2012-05-22

[21] **2,815,484**
[13] A1

[51] **Int.Cl. G01K 1/18 (2006.01) G01K 7/16 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **PROCESS SENSOR WITH CONVECTIVE INCREASER**
[54] **CAPTEUR DE PROCESSUS AVEC DISPOSITIF D'AUGMENTATION CONVECTIF**
[72] PARSONS, JOHN PATRICK, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2013-05-09
[41] 2013-11-22
[30] US (13/477,477) 2012-05-22

[21] **2,815,485**
[13] A1

[51] **Int.Cl. A63H 33/00 (2006.01) A63H 13/00 (2006.01)**
[25] EN
[54] **PUSH TOY WITH AMUSEMENT FEATURES**
[54] **JOUET A POUSSER AVEC CARACTERISTIQUES D'AMUSEMENT**
[72] CLARK, JACOB J., US
[72] ARMBRUSTER, MICHAEL, US
[71] MATTEL, INC., US
[22] 2013-05-09
[41] 2013-11-21
[30] US (13/476,408) 2012-05-21

[21] **2,815,549**
[13] A1

[51] **Int.Cl. G06Q 50/34 (2012.01) G06F 21/31 (2013.01)**
[25] EN
[54] **SECURE ONLINE GAMING REGISTRATION SYSTEM WITH PRIVACY CONTROLS**
[54] **SYSTEME D'ENREGISTREMENT DE JEU EN LIGNE SECURISE AVEC CONTROLES DE LA CONFIDENTIALITE**
[72] HIGGINS, KEVIN M., US
[72] PETERSEN, ERIK B., US
[72] LEMAY, STEVEN G., US
[71] IGT, US
[22] 2013-05-10
[41] 2013-11-18
[30] US (13/475,681) 2012-05-18

[21] **2,815,586**
[13] A1

[51] **Int.Cl. G21G 1/02 (2006.01) G21C 23/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING IRRADIATION TARGETS THROUGH MULTIPLE INSTRUMENTATION TUBES IN A NUCLEAR REACTOR**
[54] **SYSTEMES ET PROCEDES POUR TRAITER DES CIBLES D'IRRADIATION PAR LE BIAIS DE TUBES A INSTRUMENTATION MULTIPLES DANS UN REACTEUR NUCLEAIRE**
[72] BERGER, JOHN F., US
[72] SAITO, EARL F., US
[72] DAYAL, YOGESHWAR, US
[72] BRITTINGHAM, MARTIN W., US
[72] HARE, JEFFREY M., US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
[22] 2013-05-09
[41] 2013-11-22
[30] US (13/477,244) 2012-05-22

[21] **2,815,714**
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MITIGATING DUST MIGRATION AT A WELLSITE**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LA MIGRATION DE LA POUSSIERE A L'EMPLACEMENT D'UN Puits**
[72] LUHARUKA, RAJESH, US
[72] PETUKHOVA, GALINA GENNADIEVNA, RU
[72] HODGSON, KIM A., US
[72] LEUGEMORS, EDWARD, US
[72] MAKARYCHEV-MIKHAILOV, SERGEY, RU
[72] KABANNIK, ARTEM VALERYEVICH, RU
[72] LINK, BOBBY, US
[72] JOHNSON, DENNIS, US
[72] NEVVONEN, OLGA VLADIMIROVNA, US
[72] QUITERIO, MEGROSE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2013-05-14
[41] 2013-11-18
[30] US (13/475,072) 2012-05-18

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[21] **2,815,747**
[13] A1

[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **CLAY-BASED SUPERIOR ANIMAL LITTER**
[54] **LITIERE POUR ANIMAUX SUPERIEURE A BASE D'ARGILE**
[72] MILLER, RICHARD D., US
[72] VENTURA, MARK, US
[72] BROWN, RAYMOND S., US
[71] CHURCH & DWIGHT CO., INC., US
[22] 2013-05-14
[41] 2013-11-17
[30] US (13/473,660) 2012-05-17

[21] **2,815,845**
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F01D 25/24 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **INNER BYPASS DUCT WALL ATTACHMENT**
[54] **FIXATION MURALE POUR CONDUIT DE DERIVATION INTERIEUR**
[72] VRLJES, LJUBISA, CA
[72] CAULFEILD, STEPHEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-05-13
[41] 2013-11-18
[30] US (61/648,703) 2012-05-18

[21] **2,815,873**
[13] A1

[51] **Int.Cl. F17C 13/04 (2006.01) F16K 35/10 (2006.01) F16P 1/00 (2006.01)**
[25] EN
[54] **VALVE GUARD RETENTION DEVICE**
[54] **DISPOSITIF DE RETENUE DE BATTOIR DE CLAPET**
[72] WALES, DUNCAN, GB
[72] DOERNER, WOLFGANG, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2013-05-15
[41] 2013-11-17
[30] GB (1208765.6) 2012-05-17

[21] **2,815,930**
[13] A1

[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **GUIDE WIRE WITH POSITION SENSING ELECTRODES**
[54] **FIL-GUIDE AVEC ELECTRODES DE DETECTION DE POSITION**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2013-05-14
[41] 2013-11-17
[30] US (13/473,962) 2012-05-17

[21] **2,815,973**
[13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) B41F 17/30 (2006.01) B41F 17/36 (2006.01) B41J 3/407 (2006.01) B41M 1/26 (2006.01) B41M 1/40 (2006.01)**
[25] EN
[54] **CONTACT LENS WITH HALO EFFECT**
[54] **LENTILLE DE CONTACT AVEC EFFET DE HALO**
[72] WRIGHT, DAWN D., US
[72] ROFFMAN, JEFFREY H., US
[72] BOWERS, ANGIE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2013-05-16
[41] 2013-11-18
[30] US (13/475,725) 2012-05-18

[21] **2,815,974**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **TOUCH SCREEN PROTECTOR**
[54] **PROTECTEUR D'ECRAN TACTILE**
[72] LEONHARD, MICHAEL, US
[72] LIN, JONATHAN, US
[72] HUANG, STEVEN, TW
[71] AEOVE INTERNATIONAL LTD., VG
[22] 2013-05-15
[41] 2013-11-22
[30] US (61/650,317) 2012-05-22
[30] US (13/841,337) 2013-03-15

[21] **2,815,979**
[13] A1

[51] **Int.Cl. C02F 1/04 (2006.01) C01B 3/32 (2006.01)**
[25] EN
[54] **WATER PURIFICATION USING ENERGY FROM A STEAM-HYDROCARBON REFORMING PROCESS**
[54] **PURIFICATION D'EAU UTILISANT L'ENERGIE D'UN PROCEDE DE REFORMAGE D'HYDROCARBURES A LA VAPEUR**
[72] PENG, XIANG-DONG, US
[72] ACHILLES, GEOFFREY COLLING, US
[72] HERB, BLAINE EDWARD, US
[72] KLINGENBERG, ERIC HOWARD, US
[72] MILLER, DEREK, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2013-05-15
[41] 2013-11-18
[30] US (61/648,662) 2012-05-18
[30] US (13/858,363) 2013-04-08

[21] **2,815,993**
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRE-STACK DEGHOSTING OF SEISMIC DATA**
[54] **PROCEDE ET APPAREIL POUR DEPARASITAGE AVANT SOMMATION DE DONNEES SISMIQUES**
[72] SOUBARAS, ROBERT, FR
[71] CGGVERITAS SERVICES SA, FR
[22] 2013-05-16
[41] 2013-11-18
[30] US (61/648,689) 2012-05-18

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[21] **2,816,005**
[13] A1

[51] **Int.Cl. C21D 1/52 (2006.01) C22F 1/04 (2006.01)**
 [25] EN
 [54] **METHOD AND APPARATUS FOR HEATING METALS**
 [54] **PROCEDE ET APPAREIL POUR CHAUFFER LES METAUX**
 [72] HEGENBERG, THOMAS JUERGEN, DE
 [72] KUHNE, LINDA, DE
 [72] LANGEMEYER, GREGOR, DE
 [72] SCHEMBERG, SIEGFRIED, DE
 [71] AIR PRODUCTS AND CHEMICALS, INC., US
 [22] 2013-05-16
 [41] 2013-11-18
 [30] EP (12003932.6) 2012-05-18

[21] **2,816,013**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/12 (2006.01)**
 [25] EN
 [54] **FRACTURING FLUID DEFLECTING AND SCREENING INSERT**
 [54] **DEVIATION DE FLUIDES DE FRACTURATION ET PLAQUE-FILTRE**
 [72] CHEREWYK, BORIS (BRUCE) P., CA
 [72] ST. GEORGE, EDWARD GERALD, CA
 [71] ISOLATION EQUIPMENT SERVICES, INC., CA
 [22] 2013-05-17
 [41] 2013-11-18
 [30] US (61/649,111) 2012-05-18
 [30] US (61/665,101) 2012-06-27

[21] **2,816,030**
[13] A1

[51] **Int.Cl. B62D 25/20 (2006.01) E04B 5/00 (2006.01)**
 [25] EN
 [54] **WOOD FLOORING WITH PROTECTIVE COATING FOR TRUCK TRAILERS AND CONTAINERS**
 [54] **PLANCHER DE BOIS AVEC REVETEMENT DE PROTECTION POUR REMORQUES ET CONTENEURS**
 [72] ZIQIANG, LU, US
 [71] INDUSTRIAL HARDWOOD PRODUCTS, INC., US
 [22] 2013-05-15
 [41] 2013-11-22
 [30] US (13/477,800) 2012-05-22

[21] **2,816,048**
[13] A1

[51] **Int.Cl. G06T 11/60 (2006.01) G06T 3/40 (2006.01) H04N 5/335 (2011.01)**
 [25] EN
 [54] **METHOD AND DEVICE FOR COMPOSITE IMAGE CREATION**
 [54] **PROCEDE ET DISPOSITIF POUR LA CREATION D'IMAGES COMPOSITES**
 [72] BALANNIK, VADIM, US
 [72] ELLIS, PATRICK DELL, US
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-05-10
 [41] 2013-11-22
 [30] EP (12168952.5) 2012-05-22

[21] **2,816,049**
[13] A1

[51] **Int.Cl. C09D 11/02 (2006.01) B41M 3/14 (2006.01) C09K 11/02 (2006.01)**
 [25] EN
 [54] **FLUORESCENT SECURITY ENABLED INK FOR DIGITAL OFFSET PRINTING APPLICATIONS**
 [54] **ENCRE DE SECURITE FLUORESCENTE POUR APPLICATIONS D'IMPRESSION OFFSET NUMERIQUE**
 [72] IFTIME, GABRIEL, CA
 [72] BRETON, MARCEL P., CA
 [72] LEE, FRANK P., CA
 [72] MAGDALINIS, AURELIAN VALERIU, CA
 [72] ALLEN, C. GEOFFREY, CA
 [72] ODELL, PETER G., CA
 [72] MOORLAG, CAROLYN, CA
 [71] XEROX CORPORATION, US
 [22] 2013-05-10
 [41] 2013-11-17
 [30] US (13/473,791) 2012-05-17

[21] **2,816,051**
[13] A1

[51] **Int.Cl. C09D 11/02 (2006.01) B41M 3/14 (2006.01) C09K 9/02 (2006.01)**
 [25] EN
 [54] **PHOTOCHROMIC SECURITY ENABLED INK FOR DIGITAL OFFSET PRINTING APPLICATIONS**
 [54] **ENCRE DE SECURITE PHOTOCHROMIQUE POUR APPLICATIONS D'IMPRESSION OFFSET NUMERIQUE**
 [72] IFTIME, GABRIEL, CA
 [72] BRETON, MARCEL P., CA
 [72] LEE, FRANK P., CA
 [72] MAGDALINIS, AURELIAN VALERIU, CA
 [72] CHOPRA, NAVEEN, CA
 [72] ODELL, PETER G., CA
 [72] MOORLAG, CAROLYN, CA
 [71] XEROX CORPORATION, US
 [22] 2013-05-10
 [41] 2013-11-17
 [30] US (13/473,921) 2012-05-17

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[21] **2,816,053**
[13] A1

[51] **Int.Cl. C09D 11/02 (2006.01) B41F 13/48 (2006.01) B41M 3/14 (2006.01) B41N 3/08 (2006.01)**

[25] EN

[54] **INK FOR DIGITAL OFFSET PRINTING APPLICATIONS**

[54] **ENCRE POUR APPLICATIONS D'IMPRESSION OFFSET NUMERIQUE**

[72] BRETON, MARCEL P., CA

[72] LEE, FRANK P., CA

[72] MAGDALINIS, AURELIAN VALERIU, CA

[72] HSIEH, BING R., US

[72] DRAPPEL, STEPHAN V., CA

[72] STOWE, TIMOTHY D., US

[72] ALLEN, C. GEOFFREY, CA

[72] ODELL, PETER G., CA

[71] XEROX CORPORATION, US

[71] PALO ALTO RESEARCH CENTER INCORPORATED, US

[22] 2013-05-10

[41] 2013-11-17

[30] US (13/474,138) 2012-05-17

[21] **2,816,057**
[13] A1

[51] **Int.Cl. B21D 28/34 (2006.01) B21D 28/24 (2006.01)**

[25] EN

[54] **KNOCKOUT DRIVER APPARATUS**

[54] **DISPOSITIF EJECTEUR**

[72] HAASE, EDWARD A., US

[71] ACTUANT CORPORATION, US

[22] 2013-05-16

[41] 2013-11-18

[30] US (61/648,879) 2012-05-18

[21] **2,816,061**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **PUMPABLE SEAT ASSEMBLY AND USE FOR WELL COMPLETION**

[54] **ENSEMBLE DE SIEGE POMPABLE ET UTILISATION POUR LA COMPLETION DE Puits**

[72] TSCHETTER, SAM, CA

[72] JAHANGIRI, ARMIN, CA

[71] ENCANA CORPORATION, CA

[22] 2013-05-16

[41] 2013-11-17

[30] US (61/648,415) 2012-05-17

[21] **2,816,070**
[13] A1

[51] **Int.Cl. A61K 51/02 (2006.01) C07B 59/00 (2006.01)**

[25] EN

[54] **METHOD AND KIT FOR PREPARING A RADIOPHARMACEUTICAL**

[54] **PROCEDE ET TROUSSE DE PREPARATION D'UN PRODUIT RADIOPHARMACEUTIQUE**

[72] MUELLER, DIRK, DE

[71] ZENTRAALKLINIK BAD BERKA GMBH, DE

[22] 2013-05-16

[41] 2013-11-18

[30] US (13/475,759) 2012-05-18

[21] **2,816,095**
[13] A1

[51] **Int.Cl. A61M 25/095 (2006.01) A61B 5/042 (2006.01) A61B 5/05 (2006.01) A61B 18/14 (2006.01) A61N 1/05 (2006.01)**

[25] EN

[54] **POSITION SENSING USING ELECTRIC DIPOLE FIELDS**

[54] **DETECTION DE POSITION UTILISANT DES CHAMPS BIPOLAIRES ELECTRIQUES**

[72] BAR-TAL, MEIR, IL

[72] OSADCHY, DANIEL, IL

[71] BIOSENCE WEBSTER (ISRAEL), LTD., IL

[22] 2013-05-22

[41] 2013-11-23

[30] US (61/650,631) 2012-05-23

[30] US (13/869,301) 2013-04-24

[21] **2,816,111**
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61M 25/00 (2006.01) A61M 25/04 (2006.01)**

[25] EN

[54] **CATHETER CURVATURE BRACES AND METHODS OF USING SAME**

[54] **ATTACHES INCURVEES POUR CATHETER ET LEUR METHODE D'UTILISATION**

[72] DEXTRADEUR, ALAN, US

[71] DEPUY SYNTHES PRODUCTS, LLC, US

[22] 2013-05-22

[41] 2013-11-23

[30] US (13/478,487) 2012-05-23

[21] **2,816,128**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/16 (2006.01) A61B 17/94 (2006.01)**

[25] EN

[54] **METHODS AND DEVICES FOR CUTTING AND REMOVING TISSUE FROM A BODY**

[54] **PROCEDES ET DISPOSITIFS DE COUPE ET D'ELIMINATION D'UN TISSU D'UN CORPS**

[72] SENGUN, MEHMET Z., US

[72] SPENCINER, DAVID B., US

[71] DEPUY MITEK, LLC, US

[22] 2013-05-22

[41] 2013-11-23

[30] US (13/478,240) 2012-05-23

[21] **2,816,129**
[13] A1

[51] **Int.Cl. A61B 8/12 (2006.01) A61B 5/05 (2006.01) A61B 10/02 (2006.01) A61M 25/095 (2006.01)**

[25] EN

[54] **ENDOBONCHIAL CATHETER**

[54] **CATHETER ENDOBONCHIQUE**

[72] WALDSTREICHER, JONATHAN REUBEN, US

[72] KRIMSKY, WILLIAM SANFORD, US

[72] SCHWARTZ, YITZHACK, IL

[72] SHALGI, AVI, US

[72] BAR-TAL, MEIR, IL

[72] AMIT, MATITYAHU, IL

[72] HAYAM, GAL, IL

[72] ITAH, REFAEL, IL

[72] AINSWORTH, ROBERT D., US

[71] BIOSENCE WEBSTER (ISRAEL), LTD., IL

[22] 2013-05-22

[41] 2013-11-23

[30] US (61/650,615) 2012-05-23

[30] US (13/890,294) 2013-05-09

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[21] **2,816,134**
[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01)**
[25] EN
[54] **UNDERDRAIN FOR A FILTER SYSTEM FOR FILTERING WATER OR WASTEWATER AND A METHOD OF WASHING THE FILTER SYSTEM**

[54] **DRAIN DE SORTIE POUR UN SYSTEME DE FILTRATION POUR FILTRER DE L'EAU OU DES EAUX USEES ET METHODE DE LAVAGE DU SYSTEME DE FILTRE**

[72] ROBERTS, R. LEE, US
[72] JACKSON, TROY A., US
[72] CRISTALDI, JOSEPH L., US
[71] ROBERTS MARKETING DE, INC., US

[22] 2013-05-10
[41] 2013-11-21
[30] US (13/506,852) 2012-05-21

[21] **2,816,186**
[13] A1

[51] **Int.Cl. E04C 1/00 (2006.01) E02D 29/02 (2006.01)**
[25] EN
[54] **RETAINING WALL SYSTEM**
[54] **SYSTEME DE MUR DE RETENUE**

[72] HAMMER, JAMES E., US
[71] WESTBLOCK SYSTEMS, INC., US

[22] 2013-05-21
[41] 2013-11-22
[30] US (61/650,310) 2012-05-22
[30] US (61/799,563) 2013-03-15

[21] **2,816,209**
[13] A1

[51] **Int.Cl. A01M 21/04 (2006.01)**
[25] EN
[54] **OPEN FLAME CONTROL SYSTEM FOR WEED CONTROL**

[54] **SYSTEME A COMMANDE DE FLAMME OUVERTE POUR LE DESHERBAGE**

[72] PRULL, GREGORY G., US
[71] PRULL, GREGORY G., US

[22] 2013-05-17
[41] 2013-11-18
[30] US (61/688,656) 2012-05-18

[21] **2,816,218**
[13] A1

[51] **Int.Cl. G06K 9/18 (2006.01) B41J 2/005 (2006.01) B41J 3/44 (2006.01) G06K 1/12 (2006.01) G06K 19/06 (2006.01) G09C 5/00 (2006.01)**

[25] EN
[54] **DATA STORAGE SYSTEM AND APPARATUS**

[54] **SYSTEME ET APPAREIL DE STOCKAGE DES DONNEES**

[72] MONZAR, GREGORY R., CA
[71] MONZAR, GREGORY R., CA

[22] 2013-05-23
[41] 2013-11-23
[30] US (61/688,847) 2012-05-23

[21] **2,816,221**
[13] A1

[51] **Int.Cl. A47L 19/00 (2006.01) A46B 5/00 (2006.01) A47L 13/46 (2006.01) A47L 17/00 (2006.01)**

[25] EN
[54] **GLASS DRYING DEVICE**
[54] **DISPOSITIF DE SECHAGE DE VERRES**

[72] WEBER, IOULIA, CA
[71] WEBER, IOULIA, CA

[22] 2013-05-17
[41] 2013-11-17
[30] US (61/648,265) 2012-05-17

[21] **2,816,231**
[13] A1

[51] **Int.Cl. B60K 11/04 (2006.01) F01P 5/06 (2006.01) F04D 25/08 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING AIRFLOW FOR POWERTRAIN COOLING**

[54] **PROCEDE ET APPAREIL DE GESTION DU DEBIT D'AIR POUR REFROIDIR UN GROUPE MOTOPROPULSEUR**

[72] MOTT, BRITT D., US
[72] MCCOIGE, CHAD A., US
[71] SPARTAN MOTORS, INC., US

[22] 2013-05-17
[41] 2013-11-17
[30] US (61/648,343) 2012-05-17
[30] US (13/896,014) 2013-05-16

[21] **2,816,237**
[13] A1

[51] **Int.Cl. G11C 17/18 (2006.01)**
[25] EN
[54] **CIRCUIT AND METHOD FOR REDUCING WRITE DISTURB IN A NON-VOLATILE MEMORY DEVICE**

[54] **CIRCUIT ET PROCEDE DE REDUCTION DE PERTURBATION D'ECRITURE DANS UN DISPOSITIF DE MEMOIRE NON VOLATILE**

[72] SMITH, STEVEN, CA
[71] SIDENSE CORP., CA

[22] 2013-05-17
[41] 2013-11-18
[30] US (61/648,717) 2012-05-18

[21] **2,816,240**
[13] A1

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/039 (2013.01) H04B 5/02 (2006.01)**

[25] EN
[54] **NEAR-FIELD COMMUNICATION INPUT DEVICE INCLUDING NEAR-FIELD COMMUNICATION MOUSE PAD AND MOUSE AND RELATED METHODS**

[54] **DISPOSITIF D'ENTREE A COMMUNICATION EN CHAMP PROCHE INCLUANT UN TAPIS DE SOURIS A COMMUNICATION EN CHAMP PROCHE ET PROCEDES CONNEXES**

[72] BURRELL, DOUGLAS JAMES ARTHUR, CA
[72] WALKER, DAVID RYAN, CA
[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-05-17
[41] 2013-11-18
[30] EP (12168591.1) 2012-05-18

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[21] **2,816,257**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) B29C 70/18 (2006.01) B64C 3/26 (2006.01) F03D 3/06 (2006.01)**

[25] EN

[54] **WIND TURBINE BLADE WITH IMPROVED GEOMETRY FOR REINFORCING FIBERS**

[54] **AUBE D'EOLIEENNE A GEOMETRIE AMELIOREE POUR FIBRES DE RENFORCEMENT**

[72] SCHIBSBYE, KARSTEN, DK

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[22] 2013-05-21

[41] 2013-11-23

[30] US (13/478,539) 2012-05-23

[21] **2,816,261**
[13] A1

[51] **Int.Cl. A47B 57/18 (2006.01) A47B 47/02 (2006.01) A47B 81/00 (2006.01) A47B 96/00 (2006.01) B25H 5/00 (2006.01)**

[25] EN

[54] **ADJUSTABLE MODULAR SHELVING SYSTEM**

[54] **SYSTEME D'ETAGERES MODULAIRES AJUSTABLES**

[72] RICHTER, THOMAS, US

[71] ADRIAN STEEL COMPANY, US

[22] 2013-05-21

[41] 2013-11-21

[30] US (61/649,791) 2012-05-21

[21] **2,816,268**
[13] A1

[51] **Int.Cl. B60R 11/00 (2006.01)**

[25] EN

[54] **RAIL MOUNTING SYSTEM**

[54] **SYSTEME DE MONTAGE DE BARRES**

[72] BENDER, TREVOR, US

[71] ADRIAN STEEL COMPANY, US

[22] 2013-05-21

[41] 2013-11-21

[30] US (61/649,649) 2012-05-21

[21] **2,816,294**
[13] A1

[51] **Int.Cl. E04C 2/40 (2006.01) E04F 13/076 (2006.01)**

[25] EN

[54] **SIDING JOINERY**

[54] **MENUISERIE POUR PAREMENT**

[72] STAFFORD, BRIAN L., US

[72] MITCHELL, STEVEN A., US

[72] NADLER, BRANDON, US

[72] BOULANGER, MICHEL, CA

[71] ROYAL MOULDINGS, LIMITED, US

[22] 2013-05-21

[41] 2013-11-22

[30] US (61/650,102) 2012-05-22

[21] **2,816,316**
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01)**

[25] EN

[54] **ROBUST STACKED SLIP-SWEEP METHOD AND SYSTEM**

[54] **PROCEDE ET SYSTEME SLIP-SWEEP A EMPILEMENT ROBUSTE**

[72] WINTER, OLIVIER, FR

[71] CGGVERITAS SERVICES SA, FR

[22] 2013-05-16

[41] 2013-11-18

[30] US (61/648,687) 2012-05-18

[21] **2,816,430**
[13] A1

[51] **Int.Cl. B01D 9/04 (2006.01)**

[25] EN

[54] **APPARATUS AND PROCESS FOR CONCENTRATING A SEPARABLE COMPONENT OF A SLURRY**

[54] **APPAREIL ET PROCEDE POUR CONCENTRER UN COMPOSANT SEPARABLE D'UNE BOUE**

[72] MOGILEVSKI, MIKHAIL, CA

[71] MOGILEVSKY, MARGALIT, CA

[22] 2013-05-17

[41] 2013-11-18

[30] US (61/648,877) 2012-05-18

[21] **2,816,491**
[13] A1

[51] **Int.Cl. B42F 7/02 (2006.01) B42F 15/00 (2006.01)**

[25] EN

[54] **REINFORCED POCKET DEVICE**

[54] **DISPOSITIF A POCHE RENFORCE**

[72] JAMES, BOBBY G., JR., US

[72] BUSAM, EDWARD P., US

[72] BARTLETT, PETER M., US

[71] ACCO BRANDS CORPORATION, US

[22] 2013-05-21

[41] 2013-11-21

[30] US (61/649,619) 2012-05-21

[21] **2,816,497**
[13] A1

[51] **Int.Cl. B62D 21/00 (2006.01) B62D 25/20 (2006.01)**

[25] EN

[54] **LOW FLOOR CHASSIS CONVERSION METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE CONVERSION DE CHASSIS A PLANCHER BAS**

[72] ASZTALOS, STEPHEN A., US

[72] SMITH, GARRETT J., US

[72] SMITH, JUDSON, US

[71] DALLAS SMITH CORPORATION, US

[22] 2013-05-21

[41] 2013-11-21

[30] US (61/649,707) 2012-05-21

[21] **2,816,499**
[13] A1

[51] **Int.Cl. E05C 3/12 (2006.01) E05C 1/08 (2006.01)**

[25] EN

[54] **HARDWARE FOR A HINGED SIDELIGHT PANEL**

[54] **QUINCAILLERIE POUR PANNEAU D'ECLAIRAGE LATERAL ARTICULE**

[72] BAUMAN, LEONARD P., US

[72] NAKANISHI, YOSHIKAZU, JP

[72] SHIMOJI, MANABU, JP

[72] SUZUKI, NAOKAZU, JP

[71] TRUTH HARDWARE CORPORATION, US

[22] 2013-05-21

[41] 2013-11-18

[30] US (61/649,170) 2012-05-18

[30] US (13/842,494) 2013-03-15

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[21] **2,816,539**
[13] A1

[51] **Int.Cl. A63F 9/10 (2006.01)**
[25] EN
[54] **CUSTOMIZED THERAPEUTIC PUZZLES**
[54] **CASSE-TETE THERAPEUTIQUES PERSONNALISES**
[72] SNOW, SHIRLEY, CA
[71] SNOW, SHIRLEY, CA
[22] 2013-05-23
[41] 2013-11-23
[30] US (61/650,544) 2012-05-23

[21] **2,816,897**
[13] A1

[51] **Int.Cl. B29C 65/14 (2006.01) B81B 7/02 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **MICROWAVE HEATING WITH SUSCEPTOR**
[54] **CHAUFFAGE AUX MICRO-ONDES AVEC SUSCEPTEUR**
[72] DANESHMAND, MOJGAN, CA
[72] SAMEOTO, DANIEL E., CA
[72] TOOSSI, AMIRALI, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2013-05-22
[41] 2013-11-22
[30] US (61/650,466) 2012-05-22
[30] US (61/650,931) 2012-05-23

[21] **2,817,150**
[13] A1

[51] **Int.Cl. A43C 15/06 (2006.01)**
[25] FR
[54] **CLEAT FOR FOOTWEAR**
[54] **CRAMPON POUR CHAUSSURE**
[72] GIRARD, FRANCOIS, FR
[71] SALOMON S.A.S., FR
[22] 2013-05-16
[41] 2013-11-22
[30] FR (12 01444) 2012-05-22

[21] **2,817,151**
[13] A1

[51] **Int.Cl. B64C 19/00 (2006.01) B64C 13/00 (2006.01) B64C 27/26 (2006.01)**
[25] FR
[54] **CONTROL PROCESS FOR WING FLAPS AND HORIZONTAL TAIL OF A HYBRID HELICOPTER**
[54] **PROCEDE DE COMMANDE DES VOLETS D'AILES ET DE L'EMPENNAGE HORIZONTAL D'UN HELICOPTERE HYBRIDE**
[72] EGLIN, PAUL, FR
[71] EUROCOPTER, FR
[22] 2013-05-17
[41] 2013-11-21
[30] FR (12 01434) 2012-05-21

[21] **2,817,158**
[13] A1

[51] **Int.Cl. B64C 19/00 (2006.01) B64C 13/00 (2006.01) B64C 27/26 (2006.01)**
[25] FR
[54] **CONTROL PROCESS FOR WING FLAPS AND HORIZONTAL TAIL OF A HYBRID HELICOPTER**
[54] **PROCEDE DE COMMANDE DES VOLETS D'AILES ET DE L'EMPENNAGE HORIZONTAL D'UN HELICOPTERE HYBRIDE**
[72] EGLIN, PAUL, FR
[71] EUROCOPTER, FR
[22] 2013-05-17
[41] 2013-11-21
[30] FR (12 01431) 2012-05-21

[21] **2,817,349**
[13] A1

[51] **Int.Cl. A43C 15/06 (2006.01)**
[25] FR
[54] **CLEAT FOR FOOTWEAR**
[54] **CRAMPON POUR CHAUSSURE**
[72] GIRARD, FRANCOIS, FR
[71] SALOMON S.A.S., FR
[22] 2013-05-16
[41] 2013-11-22
[30] FR (12 01443) 2012-05-22

[21] **2,817,440**
[13] A1

[51] **Int.Cl. F16J 15/18 (2006.01) F16H 57/029 (2012.01) F16J 15/48 (2006.01)**
[25] FR
[54] **PRESSURE COMPENSATING SEALING SYSTEM FOR ROTARY OR LINEAR SHAFT**
[54] **SYSTEME D'ETANCHEITE A COMPENSATION DE PRESSION POUR ARBRE DE ROTATION OU DE TRANSLATION**
[72] ROBIC, THOMAS, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[22] 2013-05-22
[41] 2013-11-23
[30] FR (12 54 704) 2012-05-23

[21] **2,817,530**
[13] A1

[51] **Int.Cl. A01K 39/01 (2006.01)**
[25] EN
[54] **HAVEN FOR USE WITH A BIRD FEEDER**
[54] **REFUGE A UTILISER AVEC UNE MANGEOIRE A OISEAUX**
[72] LUSH, RAYMON W., US
[71] WOODSTREAM CORPORATION, US
[22] 2013-05-17
[41] 2013-11-17
[30] US (61/648.358) 2012-05-17

[21] **2,817,551**
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **WELL DRILLING ASSEMBLIES AND METHODS**
[54] **ENSEMBLES ET PROCEDES DE FORAGE DE PUIITS**
[72] DOBUSH, ROBERT, US
[71] BLACK DOG INDUSTRIES LLC, US
[22] 2013-05-21
[41] 2013-11-21
[30] US (61/649,740) 2012-05-21

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[21] **2,818,311**
[13] A1

[51] **Int.Cl. B65D 90/08 (2006.01) B65D 88/52 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **STORAGE TANK**
[54] **RESERVOIR DE STOCKAGE**
[72] ALLEN, BRUCE, CA
[72] SHAN, YUQUIN, CA
[72] WARNER, BRAD, CA
[71] VICWEST INC., CA
[22] 2013-05-16
[41] 2013-11-18
[30] US (61648765) 2012-05-18

[21] **2,824,503**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] FR
[54] **LAMP REMOTE CONTROL, RECHARGEABLE BY SOLAR ENERGY**
[54] **CONTROLE DE LAMPE A DISTANCE RECHARGEABLE ENERGIE SOLAIRE**
[72] LUSSIER, MARIO M. L., CA
[71] LUSSIER, MARIO M. L., CA
[22] 2013-09-13
[41] 2013-11-21

[21] **2,827,163**
[13] A1

[51] **Int.Cl. B65D 81/07 (2006.01)**
[25] EN
[54] **PRODUCT PACKAGE WITH CORNER PROTECTORS**
[54] **EMBALLAGE DE PRODUIT AVEC PROTECTEURS DE COINS**
[72] TITKOS, LASZLO, US
[71] TARGET BRANDS, INC., US
[22] 2013-09-16
[41] 2013-11-18
[30] US (61/802,268) 2013-03-15
[30] US (14/026,176) 2013-09-13

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[13] A1

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[54] **COUCHE DE SCELLAGE**
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[72] KOKOSZKA, JOHN, US
[71] TRUE PARTNERS FINANCIAL SERVICES, US
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[25] EN
[54] **HYDRAULIC SYSTEM KRISHNA'S METHOD WORLD'S FIRST DAMLESS UNDERGROUND SEA HYDRO POWER PLANT**
[54] **SYSTEME HYDRAULIQUE, PREMIERE CENTRALE HYDROLIENNE EN MER SOUTERRAINE SANS BARRAGE AU MONDE SELON LA METHODE KRISHNA**
[72] KRISHNAMOORTHY, SRINIVASAN, CA
[71] KRISHNAMOORTHY, SRINIVASAN, CA
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[54] **PREFABRICATED BUILDING AND METHOD FOR CONSTRUCTING A BUILDING**
[54] **BATIMENT PREFABRIQUE ET METHODE DE CONSTRUCTION D'UN BATIMENT**
[72] SHERBAKOV, DENNIS, CA
[72] BLIUM, LEV, CA
[71] SHERBAKOV, DENNIS, CA
[71] BLIUM, LEV, CA
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[54] **HYBRID SEPARATION**
[54] **SEPARATION HYBRIDE**
[72] DIEKER, KURT A., US
[72] KOHL, SCOTT D., US
[72] MCMILLEN, JUSTIN, US
[72] TJADEN, KEITH, US
[71] ICM, INC., US
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[54] **A METHOD FOR MANUFACTURING A GAS BURNER**
[54] **PROCEDE DE FABRICATION D'UN BRULEUR A GAZ**
[72] DORA, MASSIMO, IT
[71] SABAF S.P.A., IT
[85] 2013-02-08
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[54] **CAMION A BENNE BASCULANTE**
[72] TANIGUCHI, JUN, JP
[72] TANUKI, TOMIKAZU, JP
[72] MITSUTA, SHINJI, JP
[72] KURIHARA, TAKESHI, JP
[72] NAKANISHI, YUKIHIRO, JP
[72] MACHIDA, MASAOMI, JP
[72] TSUBONE, DAI, JP
[71] KOMATSU LTD., JP
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[54] **MOISTURE RESISTANT MOLDABLE INJURY THERAPY DEVICE AND METHOD**
[54] **DISPOSITIF THERAPEUTIQUE MOULABLE POUR LESION RESISTANT A L'HUMIDITE ET METHODE ASSOCIEE**
[72] JORISSEN, KOEN JOZEF MARIA, DE
[71] BSN MEDICAL, INC., US
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[87] (2825181)

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[25] EN
[54] **CONVERTING SYSTEM FOR FABRICATING TAPED DIAPERS AND PANT DIAPERS**
[54] **SYSTEME DE CONVERSION POUR FABRIQUER DES COUCHES A BANDE DE FIXATION ET DES COUCHES-CULOTTES**
[72] LAVON, GARY DEAN, US
[72] NEASE, MICHAEL GARY, US
[72] HUANG, GENE XIAOQING, US
[72] BARNHORST, JACOB ALAN, US
[71] THE PROCTOR & GAMBLE COMPANY, US
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[72] MURRAY, NICOLE, US
[72] WILSON, FRANK, US
[72] HENNING, KYLE, US
[72] POWELL, SEAN, US
[71] DEPUY SYNTHES PRODUCTS, LLC, US
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[54] **AGROBACTERIUM-MEDIATED TRANSFORMATION OF DICOT PLANTS**
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[72] CASTLE, LINDA A., US
[72] KLEIN, THEODORE MITCHELL, US
[72] MINH, TAI, US
[72] MOY, YORK, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PEPTIDE MIMETIC LIGANDS OF POLO-LIKE KINASE 1 POLO BOX DOMAIN AND METHODS OF USE**

[54] **LIGANDS MIMETIQUES PEPTIDIQUES DU DOMAINE POLO-BOX DES KINASES POLO-LIKE 1 ET LEURS PROCÉDES D'UTILISATION**

[72] BURKE, TERRENCE R., US

[72] QIAN, WENJIAN, US

[72] LIU, FA, US

[72] LEE, KYUNG S., US

[72] PARK, JUNG-EUN, US

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[54] **METHOD FOR VOLUMETRIC REDUCTION OF ORGANIC LIQUIDS**

[54] **PRODUCTION DE REDUCTION VOLUMETRIQUE DE LIQUIDES ORGANIQUES**

[72] GRANT, GAVIN, CA

[72] MAJOR, DAVID, CA

[72] GERHARD, JASON, CA

[72] TORERO, JOSE, GB

[72] SCHOLES, GRANT, CA

[72] PIRONI, PAOLO, GB

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[71] GEOSYNTEC CONSULTANTS, INC., US

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[72] PICKER, LOUIS, US

[72] FRUH, KLAUS, US

[72] HANSEN, SCOTT, US

[71] OREGON HEALTH & SCIENCE UNIVERSITY, US

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[54] **USE OF SUBSTITUTED 2,3-DIHYDROIMIDAZO[1,2-C]QUINAZOLINES**

[54] **UTILISATION DE 2,3-DIHYDROIMIDAZO[1,2-C]QUINAZOLINES SUBSTITUEES**

[72] LIU, NINGSHU, DE

[72] SCHNEIDER, CLAUDIA, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[54] **PATH LENGTH SELECTOR**

[54] **SELECTEUR DE LONGUEUR DE CHEMIN**

[72] CHOC, THEODORE NICHOLAS, US

[72] CAI, HONGXU, US

[71] GOOGLE INC., US

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[13] A1

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[54] **MULTIPLE ATTRIBUTION MODELS WITH RETURN ON AD SPEND**

[54] **MULTIPLES MODELES D'ATTRIBUTION COMPRENANT RENDEMENT DE DEPENSE DE PUBLICITE**

[72] HUGHES, GABRIEL, GB

[72] ALLISON, DAMIEN, GB

[71] GOOGLE INC., US

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[54] **ILLUSTRATING CROSS CHANNEL CONVERSION PATHS**

[54] **ILLUSTRATION DE CHEMINS DE CONVERSION DE CANAUX CROISES**

[72] HOLMES, LAURA, US

[72] CAI, CODY, US

[72] BAGHDASSARIAN, LEO, US

[72] HSIAO, SISSIE LING-LE, US

[71] GOOGLE INC., US

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[54] **SYSTEMS AND METHODS FOR DISPLAY OF CONTROLS AND RELATED DATA WITHIN A STRUCTURE**

[54] **SYSTEMES ET PROCEDES POUR AFFICHER DES COMMANDES ET DES DONNEES CONNEXES DANS UNE STRUCTURE**

[72] WARNER, STEFAN, CA
[72] VANLUVEN, DEANE, CA
[72] HOFFKNECHT, MARC, CA
[71] OSRAM SYLVANIA INC., US
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[54] **ANTI-CD154 ANTIBODIES HAVING IMPAIRED FCR BINDING AND/OR COMPLEMENT BINDING PROPERTIES AND THE USE THEREOF IN IMMUNE THERAPIES**

[54] **ANTICORPS ANTI-CD154 AYANT UNE LIAISON DETERIOREE AU FCR ET/OU DES PROPRIETES DE LIAISON AU COMPLEMENT DETERIOREE ET LEUR UTILISATION DANS DES THERAPIES IMMUNOLOGIQUES**

[72] NOELLE, RANDOLPH J., US
[71] TRUSTEES OF DARTMOUTH COLLEGE, US
[85] 2013-10-03
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[54] **BENZODIOXEPINE AND BENZODIOXINE COMPOUNDS THAT INTERACT WITH GLUCOKINASE REGULATORY PROTEIN FOR THE TREATMENT OF DIABETES**

[54] **BENZODIOXEPINE ET COMPOSES DE BENZODIOXINE QUI INTERAGISSENT AVEC LA PROTEINE REGULATRICE DE LA GLUCOKINASE POUR LE TRAITEMENT DU DIABETE**

[72] BARTBERGER, MICHAEL D., US
[72] CROGHAN, MICHAEL D., US
[72] FOTSCH, CHRISTOPHER H., US
[72] NORMAN, MARK H., US
[72] PENNINGTON, LEWIS D., US
[72] REICHEL, ANDREAS, US
[72] ST. JEAN, DAVID J., JR., US
[72] TEGLEY, CHRISTOPHER M., US
[71] AMGEN INC., US
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[54] **OPTICAL FIBER CABLE DROP INTERFACE BOX**

[54] **BOITIER D'INTERFACE DE BRANCHEMENT DE CABLE A FIBRES OPTIQUES**

[72] LARSSON, NICHOLAS B., US
[72] SWIENTON, ANDREW E., US
[72] WAKILEH, GEORGE I., US
[71] COMMUNICATION SYSTEMS, INC., US
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[54] **SYSTEMS FOR JOINING INSULATED CONDUCTORS**

[54] **SYSTEMES DE JONCTION DE CONDUCTEURS ISOLES**

[72] D'ANGELO, CHARLES, III, US
[72] TILLEY, DAVID JON, US
[72] COLES, JOHN MATTHEW, US
[72] HARMASON, PATRICK SILAS, US
[72] STONE, FRANCIS MARION, JR., US
[72] GONSOLIN, RYAN MICHAEL, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[30] US (61/473,594) 2011-04-08

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[13] A1

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 29/06 (2006.01)**

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[54] **SYSTEM AND METHOD FOR COUPLING A DRILL BIT TO A WHIPSTOCK**

[54] **SYSTEME ET PROCEDE POUR COUPLER UN TREPAN DE FORAGE A UN SIFFLET DEVIATEUR**

[72] GREGUREK, PHILIP M., US
[72] SWADI, SHANTANU N., US
[72] DEWEY, CHARLES H., US
[72] ALSUP, SHELTON W., US
[71] SMITH INTERNATIONAL INC., US
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[13] A1

[51] **Int.Cl. A61K 36/342 (2006.01) A61K 8/06 (2006.01) A61K 8/97 (2006.01) A61K 9/08 (2006.01) A61K 36/185 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**

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[54] **TOPICAL SKIN CARE FORMULATIONS COMPRISING PLANT EXTRACTS**

[54] **FORMULATIONS TOPIQUES POUR SOINS DE LA PEAU COMPRENANT DES EXTRAITS DE PLANTE**

[72] FLORENCE, TIFFANY, US

[72] GAN, DAVID, US

[72] HINES, MICHELLE, US

[71] MARY KAY INC., US

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[30] US (61/472,461) 2011-04-06

[21] **2,832,304**
[13] A1

[51] **Int.Cl. H04B 1/06 (2006.01) G06F 1/32 (2006.01)**

[25] EN

[54] **REDUCING ENERGY CONSUMPTION IN WIRELESS DEVICES**

[54] **REDUCTION DE CONSOMMATION D'ENERGIE DANS DES DISPOSITIFS SANS FIL**

[72] SHIN, KANG G., US

[72] ZHANG, XINYU, US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

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[30] US (13/439,900) 2012-04-05

[21] **2,832,307**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**

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[54] **IMMUNOGENIC COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS FOR INDUCING HUMORAL AND CELLULAR IMMUNE RESPONSES**

[54] **COMPOSITIONS IMMUNOGENES ET LEURS PROCEDES D'UTILISATION POUR INDUIRE DES REPNSES IMMUNITAIRES HUMORALES ET CELLULAIRES**

[72] DUBENSKY, THOMAS W., US

[72] ROBBINS, SCOTT H., US

[71] IMMUNE DESIGN CORP., US

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[30] US (61/473,660) 2011-04-08

[21] **2,832,309**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **8-ETHYL-6-(ARYL)PYRIDO[2,3-D]PYRIMIDIN-7(8H)-ONES FOR THE TREATMENT OF NERVOUS SYSTEM DISORDERS AND CANCER**

[54] **8-ETHYL-6(ARYL)PYRIDO[2,3-D]PYRIMIDIN-7(8H)-ONES UTILISABLES EN VUE DU TRAITEMENT D'AFFECTIONS TOUCHANT LE SYSTEME NERVEUX, AINSI QU'EN VUE DU TRAITEMENT DU CANCER**

[72] CAMPBELL, DAVID, US

[72] DURON, SERGIO G., US

[71] AFRAXIS HOLDINGS, INC., US

[85] 2013-10-03

[86] 2012-04-09 (PCT/US2012/032803)

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[30] US (61/473,683) 2011-04-08

[21] **2,832,311**
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) A61M 25/00 (2006.01) A61N 1/30 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **IONTOPHORESIS DRUG DELIVERY SYSTEM AND METHOD FOR DENERVATION OF THE RENAL SYMPATHETIC NERVE AND IONTOPHORETIC DRUG DELIVERY**

[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT PAR IONTOPHORESE ET PROCEDE ASSOCIE POUR LA DENERVATION DU NERF SYMPATHIQUE RENAL ET L'ADMINISTRATION DE MEDICAMENT PAR IONTOPHORESE**

[72] MEYER, PETER F., US

[71] COVIDIEN LP, US

[85] 2013-10-03

[86] 2012-04-09 (PCT/US2012/032814)

[87] (WO2012/161875)

[30] US (61/473,569) 2011-04-08

[21] **2,832,319**
[13] A1

[51] **Int.Cl. C08L 69/00 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **ELECTROSTATIC DISSIPATIVE POLYCARBONATE COMPOSITIONS**

[54] **COMPOSITIONS DE POLYCARBONATE DISSIPATIVES ELECTROSTATIQUES**

[72] LU, QIWEI, US

[72] CAO, FEINA, US

[71] LUBRIZOL ADVANCED MATERIALS, INC., US

[85] 2013-10-03

[86] 2012-04-19 (PCT/US2012/034181)

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[30] US (61/477,823) 2011-04-21

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[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) E21B 43/26 (2006.01)**

[25] EN

[54] **METHODS OF EMPLOYING AND USING A HYBRID TRANSPONDER SYSTEM FOR LONG-RANGE SENSING AND 3D LOCALIZATION**

[54] **PROCEDES POUR EMPLOYER ET UTILISER UN SYSTEME TRANSPONDEUR HYBRIDE POUR LA DETECTION LONGUE PORTEE ET LA LOCALISATION 3D**

[72] SCHMIDT, HOWARD KHAN, SA

[72] AL-SHEHRI, ABDULLAH AWADH, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2013-10-03

[86] 2012-04-24 (PCT/US2012/034756)

[87] (WO2012/148890)

[30] US (13/093,963) 2011-04-26

[21] **2,832,326**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01)**

[25] EN

[54] **HYBRID TRANSPONDER SYSTEM FOR LONG-RANGE SENSING AND 3D LOCALIZATION**

[54] **SYSTEME TRANSPONDEUR HYBRIDE POUR DETECTION LONGUE PORTEE ET LOCALISATION 3D**

[72] SCHMIDT, HOWARD KHAN, SA

[72] AL-SHEHRI, ABDULLAH AWADH, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2013-10-03

[86] 2012-04-24 (PCT/US2012/034776)

[87] (WO2012/148902)

[30] US (13/093,979) 2011-04-26

[21] **2,832,376**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61P 35/04 (2006.01)**

[25] EN

[54] **DRUG CONTAINING RECOMBINANT MISTLETOE LECTINS FOR TREATING MALIGNANT MELANOMA**

[54] **MEDICAMENT CONTENANT DE LA MISTELLECTINE RECOMBINANTE POUR LE TRAITEMENT DU MELANOME MALIN**

[72] LENTZEN, HANS, DE

[72] WITTHOHN, KLAUS, DE

[71] CYTAVIS BIOPHARMA GMBH, DE

[85] 2013-10-04

[86] 2012-04-10 (PCT/EP2012/056479)

[87] (WO2012/136857)

[30] EP (11161400.4) 2011-04-06

[21] **2,832,378**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01) A61M 5/42 (2006.01)**

[25] EN

[54] **INTRAOCULAR INJECTION DEVICE**

[54] **DISPOSITIF D'INJECTION INTRAOCULAIRE**

[72] SMITH, CHRISTOPHER JAMES, GB

[72] HEIGHTON, DAVID, GB

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-10-04

[86] 2012-04-11 (PCT/EP2012/056588)

[87] (WO2012/140089)

[30] EP (11162721.2) 2011-04-15

[21] **2,832,379**
[13] A1

[51] **Int.Cl. F24J 2/52 (2006.01) E04C 3/08 (2006.01) F16B 5/00 (2006.01) F16S 3/00 (2006.01)**

[25] EN

[54] **SUPPORT FRAME ASSEMBLY AND METHOD OF FORMING A SUPPORT FRAME ASSEMBLY**

[54] **ENSEMBLE CADRE DE SUPPORT ET PROCEDE PERMETTANT DE FORMER UN ENSEMBLE CADRE DE SUPPORT**

[72] WERNER, MARK F., CA

[72] SCHWARTZ, STEVEN JOSEPH, US

[72] LALKA, MICHAEL STEPHEN, US

[71] MAGNA INTERNATIONAL INC., CA

[85] 2013-10-04

[86] 2012-05-24 (PCT/CA2012/000496)

[87] (WO2012/159204)

[30] US (61/489,518) 2011-05-24

[21] **2,832,381**
[13] A1

[51] **Int.Cl. G01C 1/00 (2006.01) E21B 47/07 (2012.01) E21B 47/024 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DETERMINING ORIENTATION USING A PLURALITY OF ANGULAR RATE SENSORS AND ACCELEROMETERS**

[54] **PROCEDE ET APPAREIL DE DETERMINATION D'ORIENTATION UTILISANT UNE PLURALITE DE CAPTEURS DE VITESSE ANGULAIRE ET D'ACCELEROMETRES**

[72] BLAKE, ERIK, CA

[71] ICEFIELD TOOLS CORPORATION, CA

[85] 2013-10-04

[86] 2012-04-10 (PCT/CA2012/050225)

[87] (WO2012/135963)

[30] US (61/473,035) 2011-04-07

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[21] **2,832,383**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **A SKIN PUNCTURING APPARATUS FOR USE IN A NON-SURGICAL METHOD FOR ERADICATION OF TATTOOS**
[54] **APPAREIL DE PERFORATION DE LA PEAU DESTINE A ETRE UTILISE DANS UN PROCEDE NON CHIRURGICAL POUR L'ERADICATION DE TATOUAGES**
[72] DANENBERG, NOAM, IL
[71] HAWK MEDICAL TECHNOLOGIES LTD., IL
[85] 2013-10-04
[86] 2012-03-29 (PCT/IL2012/000135)
[87] (WO2012/140643)
[30] IL (212262) 2011-04-11

[21] **2,832,384**
[13] A1

[51] **Int.Cl. C07D 265/08 (2006.01) A61K 31/535 (2006.01) A61K 31/5355 (2006.01) A61P 25/28 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **1,3-OXAZINES AS BACE1 AND/OR BACE2 INHIBITORS**
[54] **1,3-OXAZINES EN TANT QU'INHIBITEURS DE BACE1 ET/OU DE BACE2**
[72] HILPERT, HANS, CH
[72] NARQUIZIAN, ROBERT, FR
[72] PINARD, EMMANUEL, FR
[72] POLARA, ALESSANDRA, CH
[72] ROGERS-EVANS, MARK, CH
[72] WOLTERING, THOMAS, DE
[72] WOSTL, WOLFGANG, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] SIENA BIOTECH S.P.A, IT
[85] 2013-10-04
[86] 2012-05-11 (PCT/EP2012/058707)
[87] (WO2012/156284)
[30] EP (11166208.6) 2011-05-16

[21] **2,832,385**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **A FIXTURE, A THREAD MAKER AND A FIXTURE SET**
[54] **FIXATION, DISPOSITIF DE REALISATION DE FILETAGE, ET ENSEMBLE DE FIXATION**
[72] HANSSON, STIG, SE
[72] HALLDIN, ANDERS, SE
[71] DENTSPLY IH AB, SE
[85] 2013-10-04
[86] 2012-04-12 (PCT/EP2012/056724)
[87] (WO2012/140167)
[30] EP (11162468.0) 2011-04-14
[30] US (61/475,331) 2011-04-14

[21] **2,832,387**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/10 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES AGAINST HER2**
[54] **ANTICORPS BISPECIFIQUES CONTRE HER2**
[72] DE GOEIJ, BART, NL
[72] VAN BERKEL, PATRICK, NL
[72] STRUMANE, KRISTIN, NL
[72] LABRIJN, ARAN FRANK, NL
[72] NEIJSSSEN, JOOST J., NL
[72] MEESTERS, JOYCE I., NL
[72] PARREN, PAUL, NL
[72] SCHUURMAN, JANINE, NL
[71] GENMAB A/S, DK
[85] 2013-10-04
[86] 2012-04-20 (PCT/EP2012/057303)
[87] (WO2012/143523)
[30] EP (PCT/EP2011/056388) 2011-04-20
[30] DK (PA 2011 00312) 2011-04-20
[30] EP (PCT/EP2011/058772) 2011-05-27
[30] EP (PCT/EP2011/058779) 2011-05-27
[30] DK (PA 2011 00822) 2011-10-27
[30] US (61/552,267) 2011-10-27

[21] **2,832,388**
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **MODULE ASSEMBLY WITH LOCKING STRUT**
[54] **ENSEMBLE MODULE A ENTRETOISE DE VERROUILLAGE**
[72] MERCER, DAVID RICHARD, GB
[72] KOUYOUMJIAN, GAREN, GB
[72] BOYD, MALCOLM STANLEY, GB
[72] CROSS, JOHN DAVID, GB
[72] BAINTON, MICHAEL, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-10-04
[86] 2012-04-19 (PCT/EP2012/057155)
[87] (WO2012/143438)
[30] EP (11163382.2) 2011-04-21

[21] **2,832,389**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 16/10 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES AGAINST HER2 AND CD3**
[54] **ANTICORPS BISPECIFIQUES CONTRE HER2 ET CD3**
[72] NEIJSEEN, JOOST J., NL
[72] MEESTERS, JOYCE I., NL
[72] DE GOEIJ, BART, NL
[72] LABRIJN, ARAN FRANK, NL
[72] PARREN, PAUL, NL
[72] SCHUURMAN, JANINE, NL
[71] GENMAB A/S, DK
[85] 2013-10-04
[86] 2012-04-20 (PCT/EP2012/057307)
[87] (WO2012/143524)
[30] EP (PCT/EP2011/056388) 2011-04-20
[30] DK (PA 2011 00312) 2011-04-20
[30] EP (PCT/EP2011/058772) 2011-05-27
[30] EP (PCT/EP2011/058779) 2011-05-27
[30] DK (PA 2011 00824) 2011-10-27
[30] US (61/552,286) 2011-10-27

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[21] **2,832,390**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4155 (2006.01) A61K 31/497 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **ISOINDOLINONE DERIVATIVES**

[54] **DERIVES D'ISOINDOLINONE**

[72] BERTHEL, STEVEN JOSEPH, US

[72] KESTER, ROBERT FRANCIS, US

[72] ORZECZOWSKI, LUCJA, US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2013-10-04

[86] 2012-04-30 (PCT/EP2012/057876)

[87] (WO2012/150202)

[30] US (61/481,789) 2011-05-03

[21] **2,832,391**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) C07K 16/18 (2006.01)**

[25] EN

[54] **MEANS AND METHODS FOR DIAGNOSING AND TREATING MULTIPLE SCLEROSIS**

[54] **MOYENS ET PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE LA SCLEROSE EN PLAQUES**

[72] HEMMER, BERNHARD, DE

[72] SRIVASTAVA, RAJNEESH, DE

[71] KLINIKUM RECHTS DER ISAR DER TECHNISCHE UNIVERSITAT MUNCHEN, DE

[85] 2013-10-04

[86] 2012-05-23 (PCT/EP2012/059622)

[87] (WO2012/163765)

[30] EP (11004423.7) 2011-05-30

[21] **2,832,395**
[13] A1

[51] **Int.Cl. G01N 35/10 (2006.01) B01D 35/027 (2006.01) G01N 1/31 (2006.01)**

[25] EN

[54] **DISPENSER WITH FILTER DEVICE**

[54] **DISTRIBUTEUR AVEC DISPOSITIF A FILTRE**

[72] ROPER, PHILIP G., US

[72] TALUCCI, KEVIN, US

[72] ROWLAND, SHANE, US

[71] VENTANA MEDICAL SYSTEMS, INC., US

[85] 2013-10-04

[86] 2012-05-31 (PCT/EP2012/060197)

[87] (WO2012/163992)

[30] US (61/492,322) 2011-06-01

[21] **2,832,397**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**

[25] EN

[54] **A FIXTURE, A FIXTURE SET AND A METHOD**

[54] **FIXATION**

[72] HALLDIN, ANDERS, SE

[72] HANSSON, STIG, SE

[72] HOLMSTROM, JOHAN, SE

[71] DENTSPLY IH AB, SE

[85] 2013-10-04

[86] 2012-04-12 (PCT/EP2012/056721)

[87] (WO2012/140164)

[30] EP (11162478.9) 2011-04-14

[30] US (61/475,324) 2011-04-14

[21] **2,832,399**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**

[25] EN

[54] **A SET OF FIXTURES, AN IMPLANTATION SYSTEM AND A METHOD OF SELECTING A FIXTURE FROM A SET OF FIXTURES**

[54] **ENSEMBLE DE FIXATIONS, SYSTEME D'IMPLANTATION ET PROCEDE DE SELECTION D'UNE FIXATION PARMIS UN ENSEMBLE DE FIXATIONS**

[72] HANSSON, STIG, SE

[72] HALLDIN, ANDERS, SE

[71] DENTSPLY IH AB, SE

[85] 2013-10-04

[86] 2012-04-12 (PCT/EP2012/056722)

[87] (WO2012/140165)

[30] EP (11162481.3) 2011-04-14

[30] US (61/475,327) 2011-04-14

[21] **2,832,401**
[13] A1

[51] **Int.Cl. A23L 1/0562 (2006.01) A23J 3/08 (2006.01) A61K 38/38 (2006.01) A61P 17/02 (2006.01) A61Q 19/00 (2006.01) C07K 14/76 (2006.01) C09D 5/04 (2006.01)**

[25] FR

[54] **THIXOTROPIC .ALPHA.-LACTALBUMIN HYDROGELS, METHOD FOR PREPARING SAME AND USES THEREOF**

[54] **HYDROGELS THIXOTROPES A BASE D'.ALPHA.-LACTALBUMINE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**

[72] FORGE, VINCENT, FR

[72] MATHEVON, CAROLE, FR

[72] PIGNON, FREDERIC, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2013-10-04

[86] 2012-04-10 (PCT/FR2012/000138)

[87] (WO2012/136909)

[30] FR (1153077) 2011-04-08

[21] **2,832,404**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01)**

[25] EN

[54] **METHOD OF MODIFYING RADIATION CHARACTERISTIC OF AN EXCITED EMITTER**

[54] **PROCEDE DE MODIFICATION DE LA CARACTERISTIQUE DE RAYONNEMENT D'UN EMETTEUR EXCITE**

[72] ELSAYAD, KAREEM, AT

[72] HEINZE, KATRIN, DE

[72] URICH, ALEXANDER, AT

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2013-10-04

[86] 2012-04-13 (PCT/EP2012/056749)

[87] (WO2012/140184)

[30] EP (11162476.3) 2011-04-14

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[21] **2,832,405**
[13] A1

[51] **Int.Cl. D04H 1/64 (2012.01) D06N 7/06 (2006.01) E04B 1/80 (2006.01) E04C 2/24 (2006.01)**

[25] FR

[54] **SHEET OF VEGETABLE WOOL FIBRE IMPREGNATED WITH AN EPOXIDISED VEGETABLE OIL**

[54] **NAPPE DE FIBRE DE LAINE VEGETALE IMPREGNEE D'UNE HUILE VEGETALE EPOXYDEE**

[72] HABAS, JEAN-PIERRE, FR

[72] STEMMELEN, MYLENE, FR

[72] LAPINTE, VINCENT, FR

[72] CAILLOL, SYLVAIN, FR

[72] BOUTEVIN, BERNARD, FR

[72] RICBOURG, MAXIME, FR

[71] UNIVERSITE MONTPELLIER 2 SCIENCES ET TECHNIQUES, FR

[71] UNIVERSITE MONTPELLIER I, FR

[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2013-10-04

[86] 2012-04-05 (PCT/FR2012/050744)

[87] (WO2012/136940)

[30] FR (1152967) 2011-04-06

[30] FR (1154264) 2011-05-17

[21] **2,832,411**
[13] A1

[51] **Int.Cl. G01J 3/427 (2006.01)**

[25] EN

[54] **SPECTROSCOPIC ANALYSER**

[54] **ANALYSEUR SPECTROSCOPIQUE**

[72] KROUSE, DONAL PAUL, NZ

[72] SIMPKIN, RAYMOND ANDREW, NZ

[72] SMITH, BRYAN JAMES, NZ

[71] KLEIN MEDICAL LIMITED, NZ

[85] 2013-10-04

[86] 2012-04-10 (PCT/NZ2012/000052)

[87] (WO2012/138236)

[30] US (61/472,290) 2011-04-06

[21] **2,832,412**
[13] A1

[51] **Int.Cl. A61B 19/02 (2006.01) A61B 17/86 (2006.01) A61C 8/00 (2006.01) A61F 2/00 (2006.01) A61L 2/26 (2006.01)**

[25] FR

[54] **MEDICAL ASSEMBLY COMPRISING A MEDICAL ARTICLE AND A PACKAGE CONTAINING SAID ARTICLE**

[54] **ENSEMBLE MEDICAL COMPRENANT UN OBJET MEDICAL ET UN EMBALLAGE CONTENANT LEDIT OBJET**

[72] RICHART, OLIVIER, FR

[72] LARCHE, GREGOIRE, FR

[72] PODGORSKI, JEAN-PIERRE, FR

[71] SELENIUM MEDICAL, FR

[85] 2013-10-04

[86] 2012-04-19 (PCT/FR2012/050852)

[87] (WO2012/172215)

[30] FR (1153520) 2011-04-22

[21] **2,832,414**
[13] A1

[51] **Int.Cl. A61M 37/00 (2006.01) G10K 15/04 (2006.01)**

[25] EN

[54] **DEVICE FOR EFFICIENT DELIVERY OF COMPOUNDS TO OR THROUGH THE SKIN OR BIOLOGICAL BARRIERS, USING LIGHT-ABSORBING THIN FILMS**

[54] **DISPOSITIF POUR L'ADMINISTRATION EFFICACE DE COMPOSES A OU A TRAVERS LA PEAU OU DES BARRIERES BIOLOGIQUES, A L'AIDE DE COUCHES MINCES ABSORBANT LA LUMIERE**

[72] FERREIRA DE SA, GONCALO FERNANDO, PT

[72] DE SERPA SOARES, CARLOS ALBERTO LOURENCO, PT

[72] DA SILVA ARNAUT MOREIRA, LUIS GUILHERME, PT

[71] UNIVERSIDADE DE COIMBRA, PT

[85] 2013-10-04

[86] 2012-04-19 (PCT/PT2012/000013)

[87] (WO2012/144916)

[30] PT (105635) 2011-04-19

[21] **2,832,415**
[13] A1

[51] **Int.Cl. B21J 1/02 (2006.01) B21C 33/00 (2006.01) B23K 20/00 (2006.01) B32B 15/01 (2006.01)**

[25] EN

[54] **METHODS FOR THE PRODUCTION OF CLAD STEEL PRODUCTS**

[54] **PROCEDES DE PRODUCTION DE PRODUITS EN ACIER PLAQUE**

[72] CACACE, ANTONINO GIORGIO, GB

[71] CLADINOX INTERNATIONAL LIMITED, SC

[85] 2013-10-04

[86] 2012-04-05 (PCT/GB2012/000325)

[87] (WO2012/143668)

[30] NZ (592302) 2011-04-18

[21] **2,832,416**
[13] A1

[51] **Int.Cl. C08K 5/10 (2006.01) C08K 5/103 (2006.01) C09D 7/12 (2006.01) C09D 175/00 (2006.01)**

[25] EN

[54] **VOC FREE PRODUCT**

[54] **PRODUIT SANS VOC**

[72] ERKSELIUS, STEFAN, SE

[72] HUA, JENNY, SE

[72] FAGEFORS, JOHAN, SE

[72] PERSSON, NILS ERIK, SE

[72] REHNBERG, NICOLA, SE

[71] BWE I MALMO AB, SE

[85] 2013-10-04

[86] 2012-04-05 (PCT/SE2012/050374)

[87] (WO2012/144946)

[30] SE (1150338-0) 2011-04-18

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[21] **2,832,418**
[13] A1

[51] **Int.Cl. A61L 27/10 (2006.01) A61L 27/30 (2006.01)**

[25] EN

[54] **BIOACTIVE GLASS COMPOSITIONS, THEIR APPLICATIONS AND RESPECTIVE PREPARATION METHODS**

[54] **COMPOSITION DE VERRES BIOACTIFS, SON UTILISATION ET PROCEDE D'OBTENTION CORRESPONDANT**

[72] DA FONTE FERREIRA, JOSE MARIA, PT

[72] GOEL, ASHUTOSH, PT

[71] REG4LIFE REGENERATION TECHNOLOGY, S.A., PT

[85] 2013-10-04

[86] 2012-04-05 (PCT/IB2012/051681)

[87] (WO2012/137158)

[30] PT (105617) 2011-04-05

[21] **2,832,420**
[13] A1

[51] **Int.Cl. C11D 17/00 (2006.01) C11D 3/37 (2006.01)**

[25] EN

[54] **PARTICLES WITH HYDROXYL VINYLIC COPOLYMER COATING SENSITIVE TO IONIC STRENGTH**

[54] **PARTICULES DOTEES D'UN REVETEMENT DE COPOLYMERE VINYLIQUE A FONCTIONNALITE HYDROXYDE SENSIBLE A LA FORCE IONIQUE**

[72] ARMSTRONG, STEPHEN, GB

[72] COSGROVE, TERENCE, GB

[72] GERRARD, JOHN JEFFREY, GB

[72] HUGHES, MELANIE JANE, GB

[72] PEARS, DAVID ALAN, GB

[71] REVOLYMER LIMITED, GB

[85] 2013-10-04

[86] 2012-04-13 (PCT/GB2012/050823)

[87] (WO2012/140442)

[30] GB (1106409.4) 2011-04-15

[21] **2,832,423**
[13] A1

[51] **Int.Cl. B63B 27/24 (2006.01) B67D 9/02 (2010.01)**

[25] EN

[54] **OFFSHORE FLUID TRANSFER SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE TRANSFERT DE FLUIDE OFFSHORE**

[72] KELLY, ORLA ANN, FR

[72] DIANA, OLIVIER, FR

[72] LE DEVEHAT, RENAUD, FR

[71] FMC TECHNOLOGIES SA, FR

[85] 2013-10-04

[86] 2012-04-10 (PCT/IB2012/051743)

[87] (WO2012/140566)

[30] FR (1153138) 2011-04-11

[21] **2,832,427**
[13] A1

[51] **Int.Cl. C07H 5/06 (2006.01) C07H 15/18 (2006.01)**

[25] EN

[54] **N-SUBSTITUTED MANNOSAMINE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE**

[54] **DERIVES N-SUBSTITUES DE MANNOSAMINE, PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION**

[72] VRASIDAS, IOANNIS, GR

[72] DEKANY, GYULA, AU

[72] JANOSI, AGNES, HU

[72] HEDEROS, MARKUS, SE

[72] ROHRIG, CHRISTOPH, DE

[71] GLYCOM A/S, DK

[85] 2013-10-04

[86] 2012-04-11 (PCT/IB2012/051759)

[87] (WO2012/140576)

[30] GB (1106095.1) 2011-04-11

[21] **2,832,431**
[13] A1

[51] **Int.Cl. C10J 3/72 (2006.01) C10J 3/84 (2006.01) C10K 1/02 (2006.01)**

[25] EN

[54] **METHOD OF OPERATION OF PROCESS TO PRODUCE SYNGAS FROM CARBONACEOUS MATERIAL**

[54] **PROCESSUS DE FONCTIONNEMENT DE PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE A PARTIR DE MATIERE CARBONEE**

[72] KO, CHING-WHAN, US

[72] SLAPE, MICHAEL SEAN, US

[72] BELL, PETER S., US

[72] OCFEMIA, KIM, US

[71] INEOS BIO SA, CH

[85] 2013-10-04

[86] 2012-04-04 (PCT/US2012/032168)

[87] (WO2013/032537)

[30] US (61/516,704) 2011-04-06

[30] US (61/516,667) 2011-04-06

[30] US (61/516,646) 2011-04-06

[30] US (13/427,247) 2012-03-22

[21] **2,832,434**
[13] A1

[51] **Int.Cl. C10J 3/72 (2006.01) C01B 3/02 (2006.01)**

[25] EN

[54] **SYNGAS COOLER SYSTEM AND METHOD OF OPERATION**

[54] **SYSTEME REFROIDISSEUR DE GAZ DE SYNTHESE ET SON PROCEDE DE FONCTIONNEMENT**

[72] BELL, PETER S., US

[72] VANHECKE, NICOLAS, FR

[72] DESCALES, BERNARD, FR

[71] INEOS BIO SA, CH

[85] 2013-10-04

[86] 2012-04-04 (PCT/US2012/032174)

[87] (WO2012/138762)

[30] US (61/516,646) 2011-04-06

[30] US (61/516,704) 2011-04-06

[30] US (61/516,667) 2011-04-06

[30] US (13/324,299) 2011-12-13

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[21] **2,832,436**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 31/137 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **CONTROLLED RELEASE PHARMACEUTICAL COMPOSITIONS OF TAPENTADOL**

[54] **COMPOSITIONS PHARMACEUTIQUES A LIBERATION CONTROLEE DE TAPENTADOL**

[72] DESHMUKH, ASHISH ASHOKRAO, IN

[72] BHUTADA, PRAVIN MEGHRAJJI, IN

[72] CHANDRAN, SAJEEV, IN

[72] KULKARNI, SHIRISHKUMAR, IN

[71] LUPIN LIMITED, IN

[85] 2013-10-04

[86] 2011-02-07 (PCT/IB2011/000196)

[87] (WO2011/124953)

[30] IN (393/KOL/2010) 2010-04-07

[21] **2,832,440**
[13] A1

[51] **Int.Cl. A61N 1/372 (2006.01)**

[25] EN

[54] **TELEMETRY ANTENNAS FOR MEDICAL DEVICES AND MEDICAL DEVICES INCLUDING TELEMETRY ANTENNAS**

[54] **ANTENNES DE TELEMESURE POUR DISPOSITIFS MEDICAUX ET DISPOSITIFS MEDICAUX COMPRENANT DES ANTENNES DE TELEMESURE**

[72] JUDKINS, JAMES G., US

[71] SPINAL MODULATION, INC., US

[85] 2013-10-04

[86] 2012-04-04 (PCT/US2012/032194)

[87] (WO2012/141959)

[30] US (61/475,197) 2011-04-13

[30] US (13/399,693) 2012-02-17

[21] **2,832,442**
[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01) B65D 51/22 (2006.01) B65D 51/28 (2006.01)**

[25] EN

[54] **CAP WITH ADDITIVE CHAMBER AND ASSOCIATED PACKAGING UNIT**

[54] **BOUCHON AVEC COMPARTIMENT POUR ADDITIF ET UNITE D'EMBALLAGE ASSOCIEE**

[72] DAVIS, JEFFREY MARTIN, GB

[72] MOORE, HELEN MARIE, GB

[71] WYETH LLC, US

[85] 2013-10-04

[86] 2012-03-22 (PCT/IB2012/051381)

[87] (WO2012/137091)

[30] US (61/471,818) 2011-04-05

[21] **2,832,445**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL**

[54] **PILE A COMBUSTIBLE**

[72] OKU, TAKANORI, JP

[72] SUGINO, MANABU, JP

[72] UEHARA, SHIGETAKA, JP

[72] ABE, MITSUTAKA, JP

[71] NISSAN MOTOR CO., LTD., JP

[85] 2013-10-04

[86] 2012-04-04 (PCT/JP2012/059199)

[87] (WO2012/137820)

[30] JP (2011-085524) 2011-04-07

[21] **2,832,447**
[13] A1

[51] **Int.Cl. G06F 3/12 (2006.01) H04L 12/24 (2006.01) H04L 29/08 (2006.01) H04M 1/725 (2006.01)**

[25] EN

[54] **DOCUMENT MANAGEMENT SYSTEM USING PRINTER EMULATION**

[54] **SYSTEME DE GESTION DE DOCUMENTS A L'AIDE D'UNE EMULATION D'IMPRIMANTE**

[72] MEIKE, ROGER CHARLES, US

[72] YACH, DAVID PAUL, CA

[72] GEORGE, RICHARD JOHN, CA

[72] DO, TU DIEN, CA

[71] BLACKBERRY LIMITED, CA

[85] 2013-10-04

[86] 2011-10-14 (PCT/US2011/056385)

[87] (WO2012/138378)

[30] US (61/471,594) 2011-04-04

[30] US (61/473,488) 2011-04-08

[21] **2,832,449**
[13] A1

[51] **Int.Cl. A01N 43/04 (2006.01) A61K 31/70 (2006.01) C07H 19/00 (2006.01) E05C 3/12 (2006.01) E06B 3/44 (2006.01)**

[25] EN

[54] **2'-CYANO SUBSTITUTED NUCLEOSIDE DERIVATIVES AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES**

[54] **DERIVES NUCLEOSIDES A SUBSTITUTION 2'-CYANO ET LEURS PROCEDES D'UTILISATION POUR TRAITEMENT DE MALADIES VIRALES**

[72] GIRIJAVALLABHAN, VINAY, US

[72] NJOROGI, F. GEORGE, US

[72] BOGEN, STEPHANE, US

[72] KERESKES, ANGELA, US

[72] BENNETT, FRANK, US

[72] HUANG, YING, US

[72] NAIR, LATHA, US

[72] PISSARNITSKI, DMITRI, US

[72] VERMA, VISHAL, US

[72] DANG, QUN, US

[72] DAVIES, IAN, US

[72] OLSEN, DAVID B., US

[72] STAMFORD, ANDREW, US

[72] VACCA, JOSEPH P., CN

[71] MERCK SHARP & DOHME CORP., US

[85] 2013-10-04

[86] 2012-04-11 (PCT/US2012/033028)

[87] (WO2012/142093)

[30] US (61/475,071) 2011-04-13

[21] **2,832,451**
[13] A1

[51] **Int.Cl. A47L 13/17 (2006.01)**

[25] EN

[54] **HOME CARE ARTICLE**

[54] **ARTICLE D'ENTRETIEN MENAGER**

[72] SMITH, EDWARD DEWEY, III, US

[72] MCCONAUGHY, SHAWN DAVID, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-10-04

[86] 2012-04-04 (PCT/US2012/032123)

[87] (WO2012/138727)

[30] US (61/471,628) 2011-04-04

[30] US (61/523,824) 2011-08-15

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<p>[51] Int.Cl. H01B 5/10 (2006.01) B29C 70/52 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRICAL TRANSMISSION CABLES WITH COMPOSITE CORES</p> <p>[54] CABLES ELECTRIQUES DE TRANSMISSION COMPORTANT DES AMES COMPOSITES</p> <p>[72] DANIEL, ALLAN, US</p> <p>[72] SPRINGER, PAUL, US</p> <p>[72] HAWIG, YUHSIN, US</p> <p>[72] LANCASTER, MARK, US</p> <p>[72] EASTEP, DAVID W., US</p> <p>[72] NELSON, SHERRI M., US</p> <p>[72] TIBOR, TIM, US</p> <p>[72] REGAN, TIM, US</p> <p>[72] WESLEY, MICHAEL L., US</p> <p>[71] SOUTHWIRE COMPANY, US</p> <p>[85] 2013-10-04</p> <p>[86] 2012-04-11 (PCT/US2012/033077)</p> <p>[87] (WO2012/142129)</p> <p>[30] US (61/474,423) 2011-04-12</p>	<p>[51] Int.Cl. B65D 81/02 (2006.01) B31D 3/00 (2006.01) B65D 81/113 (2006.01)</p> <p>[25] EN</p> <p>[54] PAPERBOARD CORNER, AND METHOD OF MANUFACTURING THE SAME</p> <p>[54] COIN EN CARTON ET SON PROCEDE DE FABRICATION</p> <p>[72] D'ANGLADE, PIERRE-MICHEL, CA</p> <p>[71] ABZAC CANADA INC., CA</p> <p>[85] 2013-10-07</p> <p>[86] 2012-05-28 (PCT/CA2012/050347)</p> <p>[87] (WO2012/162827)</p> <p>[30] US (61/490,884) 2011-05-27</p>	<p>[51] Int.Cl. C07D 265/08 (2006.01) A61K 31/5355 (2006.01) A61P 1/00 (2006.01) A61P 3/10 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 19/02 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 413/12 (2006.01)</p> <p>[25] EN</p> <p>[54] 1,3 OXAZINES AS BACE1 AND/OR BACE2 INHIBITORS</p> <p>[54] 1,3-OXAZINES A TITRE D'INHIBITEURS DE BACE1 ET/OU DE BACE2</p> <p>[72] HILPERT, HANS, CH</p> <p>[72] WOSTL, WOLFGANG, DE</p> <p>[71] F. HOFFMANN-LA ROCHE AG, CH</p> <p>[71] SIENA BIOTECH S.P.A, IT</p> <p>[85] 2013-10-07</p> <p>[86] 2012-04-10 (PCT/EP2012/056408)</p> <p>[87] (WO2012/139993)</p> <p>[30] EP (11161803.9) 2011-04-11</p>
[21] 2,832,455 [13] A1	[21] 2,832,464 [13] A1	[21] 2,832,470 [13] A1
<p>[51] Int.Cl. A01M 23/38 (2006.01)</p> <p>[25] EN</p> <p>[54] TRAP FOR RODENTS</p> <p>[54] PIEGE POUR RONGEURS</p> <p>[72] FRITZBOGER, PREBEN, DK</p> <p>[71] PAF HOLDING APS, DK</p> <p>[85] 2013-10-07</p> <p>[86] 2012-04-10 (PCT/DK2012/050118)</p> <p>[87] (WO2012/139585)</p> <p>[30] DK (PA 2011 70170) 2011-04-11</p> <p>[30] US (61/475,529) 2011-04-14</p>	<p>[51] Int.Cl. A61K 51/08 (2006.01) A61K 38/08 (2006.01) A61K 49/00 (2006.01) C07K 7/00 (2006.01) C07K 7/06 (2006.01) C12Q 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL AGONISTS AND ANTAGONISTS OF THE UROTENSINERGIC SYSTEM</p> <p>[54] NOUVEAUX AGONISTES ET ANTAGONISTES DU SYSTEME UROTENSINERGIQUE</p> <p>[72] FOURNIER, ALAIN, CA</p> <p>[72] CHATENET, DAVID, CA</p> <p>[72] LETOURNEAU, MYRIAM, CA</p> <p>[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA</p> <p>[85] 2013-10-07</p> <p>[86] 2012-05-03 (PCT/CA2012/000421)</p> <p>[87] (WO2012/149644)</p> <p>[30] US (61/481,985) 2011-05-03</p>	<p>[51] Int.Cl. A61B 5/0408 (2006.01) A41D 13/12 (2006.01) A61F 13/00 (2006.01) D03D 15/00 (2006.01) H01B 1/24 (2006.01)</p> <p>[25] EN</p> <p>[54] FABRIC FOR ACQUIRING PHYSIOLOGICAL SIGNALS</p> <p>[54] TISSU SERVANT A ACQUERIR DES SIGNAUX PHYSIOLOGIQUES</p> <p>[72] MACIA BARBER, AGUSTIN, ES</p> <p>[72] LLORCA JUAN, DANIEL, IT</p> <p>[72] VICENTE RENGEL, CHRISTIAN, ES</p> <p>[72] GONZALVEZ MUNOZ, BORJA, ES</p> <p>[71] SMART SOLUTIONS TECHNOLOGIES, S.L., ES</p> <p>[85] 2013-10-07</p> <p>[86] 2012-04-11 (PCT/EP2012/056573)</p> <p>[87] (WO2012/140079)</p> <p>[30] EP (11162135.5) 2011-04-12</p> <p>[30] US (61/474,484) 2011-04-12</p>
[21] 2,832,456 [13] A1	[21] 2,832,465 [13] A1	
<p>[51] Int.Cl. G08G 1/0965 (2006.01) G08G 1/0969 (2006.01)</p> <p>[25] EN</p> <p>[54] EMERGENCY AND TRAFFIC ALERT SYSTEM</p> <p>[54] SYSTEME D'ALERTE DE CIRCULATION ET D'URGENCE</p> <p>[72] GUTIERREZ, JUAN, US</p> <p>[72] JOHNSON, CARL, US</p> <p>[71] B&C ELECTRONIC ENGINEERING, INC., US</p> <p>[85] 2013-10-04</p> <p>[86] 2012-04-04 (PCT/US2012/032161)</p> <p>[87] (WO2012/138752)</p> <p>[30] US (13/080,470) 2011-04-05</p>	<p>[51] Int.Cl. A61K 31/4985 (2006.01) A61K 31/437 (2006.01) A61P 25/16 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS FOR TREATING PARKINSON'S DISEASE</p> <p>[54] PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON</p> <p>[72] SHAKESPEARE, WILLIAM C., US</p> <p>[71] ARIAD PHARMACEUTICALS, INC., US</p> <p>[85] 2013-10-04</p> <p>[86] 2012-04-06 (PCT/US2012/032544)</p> <p>[87] (WO2013/101281)</p> <p>[30] US (61/472,961) 2011-04-07</p>	

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[51] Int.Cl. C07D 279/12 (2006.01) A61K 31/54 (2006.01) A61K 31/541 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07D 417/04 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)	[51] Int.Cl. G02B 5/18 (2006.01) B24D 15/00 (2006.01) B24D 15/10 (2006.01) G02B 5/00 (2006.01) G07D 7/00 (2006.01) G07D 7/12 (2006.01)	[51] Int.Cl. A61K 49/00 (2006.01) A61K 49/06 (2006.01) A61K 49/10 (2006.01) C07C 211/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] 5-SUBSTITUTED IMINOTHIAZINES AND THEIR MONO-AND DIOXIDES AS BACE INHIBITORS, COMPOSITIONS, AND THEIR USE	[54] OPTICAL SECURITY COMPONENT HAVING A TRANSMISSIVE EFFECT, MANUFACTURE OF SUCH A COMPONENT, AND SECURE DOCUMENT PROVIDED WITH SUCH A COMPONENT	[54] POLYMALIC ACID BASED NANOCONJUGATES FOR IMAGING
[54] IMINOTHIAZINES 5-SUBSTITUEES ET LEUR MONOXYDES ET DIOXYDES COMME INHIBITEURS DE BACE, LEURS COMPOSITIONS ET LEUR UTILISATION	[54] COMPOSANT OPTIQUE DE SECURITE A EFFET TRANSMISSIF, FABRICATION D'UN TELUCOMPOSANT ET DOCUMENT SECURISE EQUIPE D'UN TEL COMPOSANT	[54] NANOCONJUGUES A BASE D'ACIDE POLYMALIQUE POUR L'IMAGERIE
[72] WU, WEN-LIAN, US	[72] PETITON, VALERY, FR	[72] BLACK, KEITH L., US
[72] BURNETT, DUANE A., US	[72] SAUVAGE-VINCENT, JEAN, FR	[72] LJUBIMOVA, JULIA Y., US
[72] STAMFORD, ANDREW W., US	[72] NOIZET, ALEXANDRE, FR	[72] LJUBIMOV, ALEXANDER V., US
[72] CUMMING, JARED N., US	[72] JOURLIN, YVES, FR	[72] HOLLER, EGGEHARD, US
[72] BENNETT, CHAD EDWARD, US	[71] HOLOGRAM INDUSTRIES, FR	[71] CEDARS-SINAI MEDICAL CENTER, US
[72] GILBERT, ERIC J., US	[71] UNIVERSITE JEAN MONNET, FR	[85] 2013-10-04
[72] PENG, XUANJIA, CN	[85] 2013-10-07	[86] 2012-04-06 (PCT/US2012/032573)
[72] SCOTT, JACK D., US	[86] 2012-04-05 (PCT/EP2012/056301)	[87] (WO2012/139030)
[72] YU, YOUNONG, US	[87] (WO2012/136777)	[30] US (61/472,362) 2011-04-06
[71] MERCK SHARP & DOHME CORP., US	[30] FR (1153068) 2011-04-08	
[85] 2013-10-07		[21] 2,832,486 [13] A1
[86] 2012-04-12 (PCT/CN2012/000497)	[21] 2,832,483 [13] A1	[51] Int.Cl. A61K 9/00 (2006.01) A61K 38/22 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)
[87] (WO2012/139425)	[51] Int.Cl. A61K 31/4985 (2006.01) A61K 31/437 (2006.01) A61P 25/28 (2006.01)	[25] EN
[30] US (61/475,215) 2011-04-13	[25] EN	[54] OPHTHALMIC PREPARATIONS BASED ON PACAP (PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE) WHICH RESTORE THE NORMAL VISUAL FUNCTION IN EARLY GLAUCOMA
[30] US (61/503,254) 2011-06-30	[54] METHODS AND COMPOSITIONS FOR TREATING NEURODEGENERATIVE DISEASES	[54] PREPARATIONS OPHTALMIQUES A BASE DE PACAP (POLYPEPTIDE ACTIVANT L'ADENYLATE CYCLASE PITUITAIRE), RESTAURANT LA FONCTION VISUELLE NORMALE DANS LE CAS D'UN GLAUCOME PRECOCE
[30] CN (PCT/CN2012/000435) 2012-04-05	[54] PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES	[72] DOMENICI, LUCIANO, HU
	[72] SHAKESPEARE, WILLIAM C., US	[72] SANZO', MARCO, HU
	[72] HALUSKA, FRANK G., US	[72] GIOVANNINI, LUCA, HU
	[71] ARIAD PHARMACEUTICALS, INC., US	[71] HMFRA HUNGARY LIMITED LIABILITY COMPANY, HU
	[85] 2013-10-04	[85] 2013-10-07
	[86] 2012-04-06 (PCT/US2012/032566)	[86] 2012-04-05 (PCT/EP2012/001514)
	[87] (WO2012/139027)	[87] (WO2012/136369)
	[30] US (61/472,961) 2011-04-07	[30] IT (MI2011A000583) 2011-04-08
	[30] US (61/518,427) 2011-05-05	

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[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **MACROPHAGE ACTIVATING FACTOR FOR PHARMACEUTICAL COMPOSITIONS**
[54] **FACTEUR D'ACTIVATION DES MACROPHAGES POUR DES COMPOSITIONS PHARMACEUTIQUES**
[72] YAMAMOTO, NOBUTO, US
[71] EFRANAT LTD., IL
[85] 2013-10-07
[86] 2012-04-05 (PCT/IL2012/000159)
[87] (WO2012/137199)
[30] US (61/472,642) 2011-04-07

[21] **2,832,488**
[13] A1

[51] **Int.Cl. C07C 67/343 (2006.01) C07C 227/08 (2006.01) C07C 229/34 (2006.01) C07F 5/02 (2006.01)**
[25] EN
[54] **PREPARATION OF SITAGLIPTIN INTERMEDIATES**
[54] **PREPARATION D'INTERMEDIAIRES DE SITAGLIPTINE**
[72] CASAR, ZDENKO, SI
[72] STAVBER, GAJ, SI
[72] SOVA, MATEJ, SI
[71] LEK PHARMACEUTICALS D.D., SI
[85] 2013-10-07
[86] 2012-04-06 (PCT/EP2012/001562)
[87] (WO2012/136383)
[30] EP (11161611.6) 2011-04-08

[21] **2,832,489**
[13] A1

[51] **Int.Cl. B01D 47/06 (2006.01) B01D 46/00 (2006.01) B01D 46/52 (2006.01) E21C 35/22 (2006.01) E21F 5/20 (2006.01)**
[25] EN
[54] **WET SCRUBBER WITH A COMPACT DEMISTER THAT REQUIRES LESS ENERGY**
[54] **EPURATEUR PAR VOIE HUMIDE COMPORTANT UN SEPARATEUR DE GOUTTES A CONSOMMATION D'ENERGIE REDUITE**
[72] BOTH, REINHOLD, DE
[72] HAUBOLD, CHRISTIAN, DE
[71] CFT GMBH COMPACT FILTER TECHNIC, DE
[85] 2013-10-01
[86] 2012-02-09 (PCT/DE2012/000127)
[87] (WO2012/136177)
[30] DE (10 2011 016 289.5) 2011-04-07

[21] **2,832,491**
[13] A1

[51] **Int.Cl. E01C 9/00 (2006.01) E01C 13/08 (2006.01) E01C 13/10 (2006.01)**
[25] EN
[54] **LAWN GRID**
[54] **GRILLE DE PELOUSE**
[72] HARDMAN, ERIC, CH
[71] ERZIEHUNGSDEPARTEMENT BS SPORTAMT, CH
[85] 2013-10-07
[86] 2012-04-04 (PCT/EP2012/056176)
[87] (WO2012/136710)
[30] CH (00634/11) 2011-04-08

[21] **2,832,493**
[13] A1

[51] **Int.Cl. F23C 6/04 (2006.01) F02C 7/141 (2006.01) F02C 7/228 (2006.01)**
[25] EN
[54] **GAS TURBINE ASSEMBLY AND CORRESPONDING OPERATING METHOD**
[54] **ENSEMBLE DE TURBINES A GAZ ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER CELUI-CI**
[72] MARMILIC, ROBERT, CH
[72] HELLAT, JAAN, CH
[72] FREITAG, EWALD, CH
[72] EROGLU, ADNAN, CH
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-10-07
[86] 2012-04-05 (PCT/EP2012/056323)
[87] (WO2012/136787)
[30] CH (636/11) 2011-04-08

[21] **2,832,501**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **INTRAVENTRICULAR DRUG DELIVERY SYSTEM FOR IMPROVING OUTCOME AFTER A BRAIN INJURY AFFECTING CEREBRAL BLOOD FLOW**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT INTRAVENTRICULAIRE POUR AMELIORER LE RESULTAT APRES UNE LESION CEREBRALE AFFECTANT LE FLUX SANGUIN CEREBRAL**
[72] MACDONALD, R. LOCH, CA
[72] LEUTHNER, BRIAN A., US
[71] EDGE THERAPEUTICS, US
[85] 2013-10-04
[86] 2012-04-05 (PCT/US2012/032317)
[87] (WO2012/138854)
[30] US (61/471,779) 2011-04-05

[21] **2,832,507**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/305 (2006.01) A61K 31/19 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITIONS HAVING ALPHA-HICA AND EICOSAPENTAENOIC ACID**
[54] **COMPOSITIONS NUTRITIONNELLES COMPRENANT DE L'ALPHA-HICA ET DE L'ACIDE EICOSAPENTAENOIQUE**
[72] GREENBERG, NORMAN ALAN, US
[72] BREUILLE, DENIS, CH
[72] ROUGHEAD, ZAMZAM KABIRY (FARIBA), US
[72] BOLSTER, DOUG, US
[72] MAGER, JENNIFER, US
[71] NESTEC S.A., CH
[85] 2013-10-07
[86] 2012-04-18 (PCT/EP2012/057094)
[87] (WO2012/143404)
[30] US (61/476,345) 2011-04-18

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[21] **2,832,508**
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **MEDICATED MODULE WITH AUTOMATIC ACTIVATION MECHANISM**
[54] **MODULE MEDICAMENTEUX A MECANISME D'ACTIVATION AUTOMATIQUE**
[72] MERCER, DAVID RICHARD, GB
[72] KOUYOUMJIAN, GAREN, GB
[72] BOYD, MALCOLM STANLEY, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-10-07
[86] 2012-04-19 (PCT/EP2012/057156)
[87] (WO2012/143439)
[30] EP (11163390.5) 2011-04-21

[21] **2,832,511**
[13] A1

[51] **Int.Cl. E21B 43/25 (2006.01) F16K 17/04 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] WOODFORD, KEITH DONALD, GB
[71] TCO AS, NO
[85] 2013-10-07
[86] 2012-04-05 (PCT/GB2012/000326)
[87] (WO2012/136966)
[30] GB (1105873.2) 2011-04-07

[21] **2,832,513**
[13] A1

[51] **Int.Cl. G09B 19/04 (2006.01)**
[25] EN
[54] **PROVIDING COMPUTER AIDED SPEECH AND LANGUAGE THERAPY**
[54] **TRAITEMENT D'ORTHOPHONIE ASSISTE PAR ORDINATEUR**
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[72] FELDMAN, YORAM, IL
[71] SHANI, MORDECHAI, IL
[71] FELDMAN, YORAM, IL
[85] 2013-10-07
[86] 2012-04-03 (PCT/IB2012/051624)
[87] (WO2012/137131)
[30] US (61/472,650) 2011-04-07

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[51] **Int.Cl. F23G 7/06 (2006.01) F23G 5/46 (2006.01) F23G 5/50 (2006.01)**
[25] EN
[54] **METHOD FOR UTILIZATION OF LOW-CONCENTRATION GAS MIXTURES OF COMBUSTIBLE GAS AND AIR WITH STABLE HEAT ENERGY RECOVERY AND FLOW REVERSAL DEVICE FOR IMPLEMENTATION OF THE METHOD**
[54] **PROCEDE D'UTILISATION DE MELANGES GAZEUX A FAIBLE CONCENTRATION DE GAZ COMBUSTIBLE ET D'AIR AVEC RECUPERATION D'ENERGIE THERMIQUE STABLE ET DISPOSITIF D'INVERSION D'ECOULEMENT POUR LA MISE EN ŒUVRE DU PROCEDE**

[72] GOSIEWSKI, KRZYSZTOF, PL
[72] JASCHIK, MANFRED, PL
[72] PAWLACZYK, ANNA, PL
[72] WARMUZINSKI, KRZYSZTOF, PL
[72] TANCZYK, MAREK, PL
[72] GIELZAK, KRZYSZTOF, PL
[72] WOJDYLA, ARTUR, PL
[72] MACHEJ, TADEUSZ, PL
[72] MICHALSKI, LESZEK, PL
[71] INSTYTUT INZYNIERII CHEMICZNEJ POLSKIEJ AKADEMII NAUK, PL
[71] KATALIZATOR SP. Z O.O., PL
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[87] (WO2012/148294)
[30] PL (P.394701) 2011-04-28

[21] **2,832,516**
[13] A1

[51] **Int.Cl. A63B 1/00 (2006.01) A63B 9/00 (2006.01) A63B 17/04 (2006.01) A63B 21/16 (2006.01)**
[25] EN
[54] **MODULAR STRUCTURE FOR GYM OR SIMILAR AND EXERCISE APPARATUS INCLUDING THIS STRUCTURE**
[54] **STRUCTURE MODULAIRE POUR GYMNASTIQUE OU SIMILAIRE, ET APPAREIL D'EXERCICE COMPRENANT CETTE STRUCTURE**
[72] SCARAMUCCI, SILVIA, IT
[71] QUEENAX S.R.L., IT
[85] 2013-10-07
[86] 2012-04-13 (PCT/IB2012/051845)
[87] (WO2012/140622)
[30] IT (MI2011U000126) 2011-04-13

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[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMAGING AMYLOID BETA IN THE RETINA OF THE EYE IN ASSOCIATION WITH ALZHEIMER'S DISEASE**
[54] **PROCEDE ET SYSTEME D'IMAGERIE DE L'AMYLOIDE BETA DE LA RETINE DE L'ŒIL EN LIEN AVEC LA MALADIE D'ALZHEIMER**
[72] CAMPBELL, MELANIE CROMBIE WILLIAMS, CA
[71] CAMPBELL, MELANIE CROMBIE WILLIAMS, CA
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[25] EN
[54] **APPARATUS FOR TREATMENT OF PLANTS**
[54] **APPAREIL DE TRAITEMENT DES PLANTES**
[72] COLLINSON, MICHAEL HOWARD
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[72] MASON, TODD GORDON, CA
[72] SUTTON, JOHN CLIFFORD, CA
[72] KEVAN, PETER G., CA
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[30] US (61/472,872) 2011-04-07
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[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **COOLING DEVICE WITH BYPASS CHANNEL**
[54] **DISPOSITIF DE REFROIDISSEMENT DOTE D'UN CANAL DE DERIVATION**
[72] HOULE, MARTIN, CA
[72] POULIN, STEPHANE, CA
[71] TM4 INC., CA
[85] 2013-10-07
[86] 2012-03-28 (PCT/CA2012/000324)
[87] (WO2012/139196)
[30] US (61/474,819) 2011-04-13

[21] **2,832,520**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0476 (2006.01)**
[25] EN
[54] **IMPLANTABLE DEVICE FOR ACQUISITION AND MONITORING OF BRAIN BIOELECTRIC SIGNALS AND FOR INTRACRANIAL STIMULATION**
[54] **DISPOSITIF IMPLANTABLE DESTINE A L'ACQUISITION ET A LA SURVEILLANCE DES SIGNAUX BIOELECTRIQUES DU CERVEAU ET A LA STIMULATION INTRACRANIENNE**
[72] ROMANELLI, PANTALEO, IT
[72] SEBASTIANO, FABIO, IT
[72] PARIS, ANTONINO, IT
[72] MARCHETTI, STEFANO, IT
[72] CRISTIANI, PAOLO, IT
[71] AB MEDICA S.P.A., IT
[85] 2013-10-07
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[51] **Int.Cl. H04N 21/222 (2011.01) H04N 21/226 (2011.01) H04N 21/2347 (2011.01) H04N 21/418 (2011.01) H04N 21/61 (2011.01) H04N 21/647 (2011.01) H04N 21/8358 (2011.01)**
[25] EN
[54] **ETHERNET DECODER DEVICE AND METHOD TO ACCESS PROTECTED CONTENT**
[54] **DISPOSITIF DECODEUR ETHERNET ET PROCEDE D'ACCES A DU CONTENU PROTEGE**
[72] CONUS, JOEL, CH
[72] NICOLAS, CHRISTOPHE, CH
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[85] 2013-10-07
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[30] US (61/476,774) 2011-04-19

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[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERING TARGETED ADVERTISEMENT MESSAGES**
[54] **SYSTEME ET PROCEDE POUR FOURNIR DES MESSAGES PUBLICITAIRES CIBLES**
[72] ZASLAVSKY, EDUARD, US
[72] VAYSMAN, AUTHUR, US
[71] WEBTUNER CORP., US
[85] 2013-10-04
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[30] US (61/471,954) 2011-04-05

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[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE CAPTURE SYSTEM**
[54] **SYSTEME DE CAPTURE DE DIOXYDE DE CARBONE**
[72] NAUMOVITZ, JOSEPH PAUL, US
[72] GUIDOLIN, SANDRA, US
[72] KNIESBURGES, PETER, DE
[71] ALSTOM TECHNOLOGY LTD, CH
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[30] US (61/472,409) 2011-04-06
[30] US (13/438,392) 2012-04-03

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[13] A1

[51] **Int.Cl. C07D 473/34 (2006.01) C07D 473/40 (2006.01)**
[25] EN
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[54] **INHIBITEURS DE LA HSP90**
[72] SUN, WEILIN, US
[72] TALDONE, TONY, US
[72] PATEL, PALLAV, US
[72] CHIOSIS, GABRIELA, US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
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[13] A1

[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **APPARATUS FOR IMPROVED BREATHING**
[54] **APPAREIL POUR L'AMELIORATION DE LA RESPIRATION**
[72] THORNTON, W. KEITH, US
[72] MCAULY, ALASTAIR EDWIN, NZ
[71] AIRWAY TECHNOLOGIES, LLC, US
[85] 2013-10-04
[86] 2012-04-05 (PCT/US2012/032407)
[87] (WO2012/138914)
[30] US (13/080,167) 2011-04-05
[30] US (13/080,103) 2011-04-05
[30] US (13/080,050) 2011-04-05

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[51] **Int.Cl. C12N 9/22 (2006.01) A01H 5/00 (2006.01) A01K 67/027 (2006.01) A61K 38/46 (2006.01) C12N 15/09 (2006.01) C12N 15/10 (2006.01) C12N 15/55 (2006.01) C12N 15/90 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHOD FOR THE GENERATION OF COMPACT TALE-NUCLEASES AND USES THEREOF**
[54] **PROCEDE DE GENERATION DE NUCLEASES TALE COMPACTES ET LEURS UTILISATIONS**
[72] VALTON, JULIEN, FR
[72] EPINAT, JEAN-CHARLES, FR
[72] SILVA, GEORGE H., FR
[72] JULLERAT, ALEXANDRE, FR
[72] BERTONATI, CLAUDIA, FR
[72] DUCHATEAU, PHILIPPE, FR
[72] BEURDELEY, MARINE, FR
[71] COLLECTIS, FR
[85] 2013-10-04
[86] 2012-04-05 (PCT/US2012/032426)
[87] (WO2012/138927)
[30] US (61/472,065) 2011-04-05
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[51] **Int.Cl. B65D 71/18 (2006.01) B65D 71/06 (2006.01) B65D 71/34 (2006.01) B65D 81/05 (2006.01)**
[25] EN
[54] **CARTON WITH ARTICLE PROTECTION FEATURE**
[54] **CARTON DOTE D'UN ELEMENT DE PROTECTION D'ARTICLE**
[72] SCHMAL, MICHAEL R., US
[72] ALEXANDER, O'NEAL, US
[72] BALDINO, MARK, US
[72] CERIO, MICHAEL, US
[72] HOLLEY, JOHN MURDICK, JR., US
[72] MONCRIEF, FRANK N., US
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[30] US (61/518,504) 2011-05-06
[30] US (61/572,638) 2011-07-19
[30] US (61/627,249) 2011-10-07
[30] US (61/548,779) 2011-10-19
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) A61K 35/14 (2006.01)**
[25] EN
[54] **ANTI-EPIDERMAL GROWTH FACTOR RECEPTOR VARIANT III CHIMERIC ANTIGEN RECEPTORS AND USE OF SAME FOR THE TREATMENT OF CANCER**
[54] **RECEPTEURS D'ANTIGENE CHIMERIQUE DE VARIANT III DU RECEPTEUR DU FACTEUR DE CROISSANCE ANTI-EPIDERMIQUE ET LEUR UTILISATION POUR LE TRAITEMENT DU CANCER**
[72] MORGAN, RICHARD A., US
[72] ROSENBERG, STEVEN A., US
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[85] 2013-10-07
[86] 2012-03-21 (PCT/US2012/029861)
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[30] US (61/473,409) 2011-04-08

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[13] A1

[51] **Int.Cl. A47L 15/14 (2006.01) A47L 15/42 (2006.01) A47L 15/46 (2006.01)**
[25] EN
[54] **AUTOMATED CLEANING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE NETTOYAGE AUTOMATIQUE**
[72] MONSRUD, LEE J., US
[72] MATTIA, PAUL J., US
[71] ECOLAB USA INC., US
[85] 2013-09-26
[86] 2012-05-17 (PCT/IB2012/052496)
[87] (WO2012/160492)
[30] US (13/112,412) 2011-05-20

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[13] A1

[51] **Int.Cl. H04R 27/00 (2006.01) H04S 7/00 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL PAIRING IN A MEDIA SYSTEM**
[54] **APPARIEMENT DE CANAUX MULTIPLES DANS UN SYSTEME MULTIMEDIA**
[72] KALLAI, CHRISTOPHER, US
[72] ERICSON, MICHAEL DARRELL ANDREW, US
[72] LAMBOURNE, ROBERT A., US
[72] REIMANN, ROBERT, US
[72] TRIPLETT, MARK, US
[71] SONOS, INC., US
[85] 2013-10-07
[86] 2012-04-26 (PCT/IB2012/052071)
[87] (WO2012/137190)

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[13] A1

[51] **Int.Cl. H01S 3/30 (2006.01)**
[25] EN
[54] **METHOD FOR DRYING THIN FILMS IN AN ENERGY EFFICIENT MANNER**
[54] **PROCEDE POUR SECHER DES COUCHES MINCES D'UNE MANIERE ECOENERGETIQUE**
[72] SCHRODER, KURT A., US
[72] RAWSON, IAN M., US
[72] MCCOOL, STEVEN C., US
[72] EDD, ANDREW E., US
[72] DASS, RONALD I., US
[71] NCC NANO, LLC, US
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[86] 2012-03-28 (PCT/US2012/030845)
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[13] A1

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[25] EN
[54] **RAPID IDENTIFICATION OF ORGANISMS IN BODILY FLUIDS**
[54] **D'ORGANISMES DANS DES LIQUIDES ORGANIQUES**
[72] TEIXEIRA, SCOTT M., US
[72] HERSHEY, ADRIENNE A., US
[72] CUEVAS, BRIAN J., US
[72] CESA, JOSEPH A., US
[72] WILLIAMS, AMY G., US
[72] HAUBERT, THOMAS D., US
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[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2013-10-07
[86] 2012-05-01 (PCT/IB2012/052172)
[87] (WO2012/150544)
[30] US (61/482,773) 2011-05-05
[30] US (61/596,838) 2012-02-09
[30] US (13/459,576) 2012-04-30

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[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FINANCIAL TRANSACTION AUTHENTICATION USING TRAVEL INFORMATION**
[54] **SYSTEME ET PROCEDE DESTINES A UNE AUTHENTICATION DE TRANSACTION FINANCIERE UTILISANT DES INFORMATIONS DE VOYAGE**
[72] FERGUSON, WILLIAM M., US
[72] WICKERT, STEVEN A., US
[72] REEDER, MARY A., US
[72] PATHRIA, ANU K., US
[71] FINSPHERE CORPORATION, US
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[51] **Int.Cl. H01L 41/047 (2006.01) B06B 1/06 (2006.01) E21B 47/00 (2012.01) H01L 41/22 (2013.01)**
[25] EN
[54] **ELECTRICAL CONTACTS TO A RING TRANSDUCER**
[54] **CONTACTS ELECTRIQUES POUR UN TRANSDUCTEUR ANNULAIRE**
[72] MAKI, VOLDI E., JR., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-07
[86] 2011-04-11 (PCT/US2011/031972)
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[13] A1

[51] **Int.Cl. B01J 8/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A COMBINATION MOVING BED THERMAL TREATMENT REACTOR AND MOVING BED FILTER**
[54] **PROCEDE ET APPAREIL POUR COMBINAISON DE REACTEUR DE TRAITEMENT THERMIQUE A LIT MOBILE ET DE FILTRE DE LIT MOBILE**
[72] BADGER, PHILLIP C., US
[72] DUNN, JR., KENNETH J., US
[71] RENEWABLE OIL INTERNATIONAL, LLC, US
[85] 2013-10-04
[86] 2012-04-06 (PCT/US2012/032451)
[87] (WO2013/106025)
[30] US (61/472,852) 2011-04-07

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01) G06F 9/06 (2006.01)**
[25] EN
[54] **PIPE FUSION DATA MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES DE FUSION DE CANAUX DE COMMUNICATION**
[72] SILVERNAIL, DAVID, US
[72] DAVIS, ERIC C., US
[72] SMITH, PATRICK, US
[72] SCHURTER, BRUCE, US
[72] LEDGER, JAMES, US
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[86] 2011-04-14 (PCT/US2011/032472)
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[13] A1

[51] **Int.Cl. B01J 23/50 (2006.01) B01J 23/68 (2006.01) C07D 301/10 (2006.01)**
[25] EN
[54] **PROCESS FOR CONDITIONING A HIGH EFFICIENCY ETHYLENE OXIDE CATALYST**
[54] **PROCEDE DE CONDITIONNEMENT D'UN CATALYSEUR D'OXYDE D'ETHYLENE A HAUT RENDEMENT**
[72] ZHANG, LIPING, US
[72] TUPE, RAVINDRA RADHAKISAN, FI
[72] PHILLIPS, AILENE GARDNER, US
[72] HINMAN, PAUL VICTOR, US
[72] SOO, HWAILI, US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
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[86] 2012-04-03 (PCT/US2012/031990)
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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **CONFORMATIONALLY-PREORGANIZED, MINIPEG-CONTAINING GAMMA-PEPTIDE NUCLEIC ACIDS**
[54] **ACIDES NUCLEIQUES GAMMA-PEPTIDIQUES CONTENANT DU MINIPEG, CONFORMATIONNELLEMENT PREORGANISES**
[72] RAPIREDDY, SRINIVAS, US
[72] SAHU, BICHISMITA, US
[72] LY, DANITH H., US
[71] CARNEGIE MELLON UNIVERSITY, US
[85] 2013-10-04
[86] 2012-04-06 (PCT/US2012/032459)
[87] (WO2012/138955)
[30] US (61/516,812) 2011-04-08
[30] US (61/516,838) 2011-04-08

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[13] A1

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[25] EN
[54] **APPARATUS AND PROCESS FOR GASIFICATION OF CARBONACEOUS MATERIALS TO PRODUCE SYNGAS**
[54] **APPAREIL ET PROCEDE POUR LA GAZEIFICATION DE SUBSTANCES CARBONEES POUR PRODUIRE UN GAZ DE SYNTHESE**
[72] BELL, PETER S., US
[72] KO, CHING-WHAN, US
[72] SLAPE, MICHAEL SEAN, US
[72] BRESHEARS, SCOTT, US
[72] OCFEMIA, KIM, US
[71] INEOS BIO SA, CH
[85] 2013-10-07
[86] 2012-04-03 (PCT/US2012/032006)
[87] (WO2013/147918)
[30] US (61/516,646) 2011-04-06
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[30] US (61/516,667) 2011-04-06
[30] US (13/427,144) 2012-03-22

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[13] A1

[51] **Int.Cl. F02G 5/02 (2006.01)**
[25] EN
[54] **POWER SYSTEM WITH TURBINE BYPASS AND METHOD OF OPERATING A POWER SYSTEM**
[54] **SYSTEME DE PUISSANCE A DERIVATION DE TURBINE ET PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE PUISSANCE**
[72] HOME, THOMAS ALAN, US
[71] MACK TRUCKS, INC., US
[85] 2013-10-07
[86] 2011-04-21 (PCT/US2011/033348)
[87] (WO2012/145000)

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[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **FORMULATIONS WITH REDUCED VISCOSITY**
[54] **FORMULATIONS AYANT UNE VISCOSITE REDUITE**
[72] MONCK, MYRNA A., US
[72] WONG, MAN YI, US
[72] ZHANG, KAI, US
[71] GLAXOSMITHKLINE LLC, US
[85] 2013-10-04
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[87] (WO2012/138958)
[30] US (61/473,121) 2011-04-07

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **RECOMMENDING DIGITAL CONTENT BASED ON IMPLICIT USER IDENTIFICATION**
[54] **RECOMMANDATION DE CONTENU NUMERIQUE SUR LA BASE D'UNE IDENTIFICATION D'UTILISATEUR IMPLICITE**
[72] KRISHNAMURTHY, SATISH KUMAR, US
[72] FUNGE, JOHN, US
[72] HUNT, NEIL D., US
[72] YELLIN, TODD SCOT, US
[72] SANDERS, JONATHAN MICHAEL, US
[71] NETFLIX, INC., US
[85] 2013-10-07
[86] 2012-04-03 (PCT/US2012/032023)
[87] (WO2012/138667)
[30] US (13/080,420) 2011-04-05

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[13] A1

[51] **Int.Cl. C12N 9/04 (2006.01) C12N 1/19 (2006.01) C12N 9/02 (2006.01) C12N 9/68 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **PANTOTHENIC ACID BIOSYNTHESIS IN ZYMOMONAS**
[54] **BIOSYNTHESE D'ACIDE PANTOTHENIQUE DANS DES ZYMOMONAS**
[72] TAO, LUAN, US
[72] TOMB, JEAN-FRANCOIS, US
[72] VIITANEN, PAUL V., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[86] 2012-04-06 (PCT/US2012/032558)
[87] (WO2012/145179)
[30] US (61/472,664) 2011-04-07

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[21] **2,832,560**
[13] A1

[51] **Int.Cl. A61K 47/18 (2006.01) A61K 39/395 (2006.01) A61K 47/22 (2006.01) C07K 1/02 (2006.01)**

[25] EN

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[54] **FORMULATIONS A VISCOSITE REDUITE**

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[72] WONG, MAN, YI, US

[72] ZHANG, KAI, US

[71] GLAXOSMITHKLINE LLC, US

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[86] 2012-04-06 (PCT/US2012/032464)

[87] (WO2012/141978)

[30] US (61/473,123) 2011-04-07

[21] **2,832,562**
[13] A1

[51] **Int.Cl. A45D 19/00 (2006.01) G06Q 50/10 (2012.01) A45D 44/00 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR BATCH SIZING HAIR DYE MIXTURES**

[54] **SYSTEME ET PROCEDE POUR LE DIMENSIONNEMENT PAR LOT DE MELANGES DE COLORANTS CAPILLAIRES**

[72] MILLER, DEBBIE, US

[72] SARANOW, MITCHELL, US

[71] SURETINT TECHNOLOGIES, LLC, US

[85] 2013-10-04

[86] 2012-04-06 (PCT/US2012/032471)

[87] (WO2012/138964)

[30] US (13/081,147) 2011-04-06

[21] **2,832,563**
[13] A1

[51] **Int.Cl. C05G 5/00 (2006.01) A01N 25/12 (2006.01) A23P 1/02 (2006.01) A61K 9/16 (2006.01) A61K 47/30 (2006.01) B01J 2/28 (2006.01) C05G 3/00 (2006.01)**

[25] EN

[54] **MULTI-PURPOSE LIGNIN-CARBOHYDRATE BINDING SYSTEM**

[54] **SYSTEME DE LIAISON LIGNINE-GLUCIDE MULTI-USAGES**

[72] THOMPSON, HAROLD E., US

[72] XENIKIS, TOULA, US

[72] MALCOM, DOMINI, US

[72] COCHRAN, KEITH, US

[71] THOMPSON, HAROLD E., US

[71] XENIKIS, TOULA, US

[71] MALCOM, DOMINI, US

[71] COCHRAN, KEITH, US

[85] 2013-10-07

[86] 2012-04-06 (PCT/US2012/032596)

[87] (WO2013/106031)

[30] US (61/472,486) 2011-04-06

[21] **2,832,564**
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/0775 (2010.01)**

[25] EN

[54] **THERMORESPONSIVE CELL CULTURE SUPPORTS**

[54] **SUPPORTS DE CULTURE DE CELLULES THERMOREPONDEURS**

[72] NEWBY, BI-MIN, US

[72] PATEL, NIKUL, US

[72] CAVICCHIA, JOHN, US

[72] ZHANG, GE, US

[71] THE UNIVERSITY OF AKRON, US

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[87] (WO2012/138968)

[30] US (61/473,318) 2011-04-08

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[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**

[25] EN

[54] **BIOMARKERS PREDICTIVE OF THERAPEUTIC RESPONSIVENESS TO IFNS AND USES THEREOF**

[54] **BIOMARQUEURS PREDICTIFS DE LA REPOSE THERAPEUTIQUE A IFN? ET UTILISATIONS DE CEUX-CI**

[72] BUSHNELL, STEVEN, US

[72] BUKO, ALEXANDER MICHAEL, US

[72] WHALLEY, ERIC TAYLOR, US

[72] STEBBINS, CHRISTOPHER, US

[72] ZHAO, ZHENMING, US

[72] CADAVID, DIEGO, US

[71] BIOGEN IDEC MA INC., US

[85] 2013-10-07

[86] 2012-04-06 (PCT/US2012/032620)

[87] (WO2012/139058)

[30] US (61/473,723) 2011-04-08

[30] US (61/474,242) 2011-04-11

[21] **2,832,566**
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**

[25] EN

[54] **AUTHORIZATION OF A TRADING STRATEGY ALGORITHM**

[54] **AUTORISATION D'UN ALGORITHME DE STRATEGIE D'ECHANGE**

[72] CRIST, JEFFERSON ALE, US

[72] LIDOR, DANIEL, US

[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US

[85] 2013-10-07

[86] 2012-04-04 (PCT/US2012/032121)

[87] (WO2012/138726)

[30] US (13/083,250) 2011-04-08

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[21] **2,832,568**
[13] A1

[51] **Int.Cl. G08G 1/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRANSMITTING, PROCESSING, RECEIVING, AND DISPLAYING TRAFFIC INFORMATION**
[54] **SYSTEME POUR LA TRANSMISSION, LE TRAITEMENT, LA RECEPTION ET L'AFFICHAGE D'INFORMATIONS DE CIRCULATION**
[72] VORONA, DIMITRI, US
[71] VORONA, DIMITRI, US
[85] 2013-10-07
[86] 2012-04-05 (PCT/US2012/032308)
[87] (WO2012/138849)
[30] US (13/080,449) 2011-04-05

[21] **2,832,569**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 35/14 (2006.01) A61P 35/00 (2006.01) C07K 14/715 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **REVERSING THE EFFECTS OF THE TUMOR MICROENVIRONMENT USING CHIMERIC CYTOKINE RECEPTORS**
[54] **INVERSION DES EFFETS DU MICROENVIRONNEMENT TUMORAL A L'AIDE DE RECEPTEURS DE CYTOKINE CHIMERES**
[72] LEEN, ANN MARIE, US
[72] VERA, JUAN F., US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2013-10-07
[86] 2012-04-05 (PCT/US2012/032322)
[87] (WO2012/138858)
[30] US (61/473,457) 2011-04-08

[21] **2,832,570**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **NEW INTERMEDIATES AND PROCESSES FOR PREPARING TICAGRELOR**
[54] **NOUVEAUX INTERMEDIAIRES ET PROCEDES POUR LA PREPARATION DU TICAGRELOR**
[72] KANSAL, VINOD KUMAR, IN
[72] MISTRY, DHIRENKUMAR, IN
[72] STOHANDL, JIRI, IN
[72] PANDEY, GHANSHYAM, IN
[72] TANEJA, AMIT, IN
[72] SHINDEY, PRAMOD KADAPPA, IN
[72] FRANTISEK, JAROSLAV, IN
[72] VASOYA, SANJAY, IN
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2013-10-04
[86] 2012-04-06 (PCT/US2012/032497)
[87] (WO2012/138981)
[30] US (61/472,412) 2011-04-06
[30] US (61/490,371) 2011-05-26

[21] **2,832,573**
[13] A1

[51] **Int.Cl. F16L 55/13 (2006.01)**
[25] EN
[54] **CLOSURE ELEMENT FOR INTERNALLY PRESSURIZED BORES IN COMPONENTS**
[54] **ELEMENT DE FERMETURE POUR ALESAGES DE COMPOSANTS SOUMIS A UNE PRESSION INTERIEURE**
[72] SEIFFERT, PIERRE, CH
[72] KRAUER, JURG, CH
[71] KVT-KOENIG AG, CH
[85] 2013-10-04
[86] 2011-02-12 (PCT/EP2011/000663)
[87] (WO2012/107059)

[21] **2,832,577**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/20 (2012.01) G06K 19/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A TRANSACTION CARD PACKAGE ASSEMBLY INCLUDING SAMPLE PRODUCT OR SERVICE**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN ENSEMBLE D'EMBALLAGE DE CARTE DE TRANSACTION COMPRENANT UN PRODUIT D'ECHANTILLON OU UN SERVICE**
[72] MILLER, AMIE, US
[72] SPAGNOLIE, SAVERIO, US
[71] BLACKHAWK NETWORKS, INC., US
[71] SPAGNOLIE, SAVERIO, US
[85] 2013-10-07
[86] 2012-04-05 (PCT/US2012/032392)
[87] (WO2012/138905)
[30] US (61/473,264) 2011-04-08
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[21] **2,832,578**
[13] A1

[51] **Int.Cl. A61L 27/18 (2006.01) A61L 27/36 (2006.01) A61L 27/38 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **TISSUE ENGINEERED BLOOD VESSELS**
[54] **VAISSEAUX SANGUINS D'INGENIERIE TISSULAIRE**
[72] COOPER, KEVIN, US
[72] CHUN, IKSOO, US
[72] FANG, CARRIE H., US
[71] CORDIS CORPORATION, US
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[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING OR AMELIORATING METABOLIC DISORDERS USING GROWTH DIFFERENTIATION FACTOR 15 (GDF-15)**
[54] **METHODE DE TRAITEMENT OU D'AMELIORATION DE TROUBLES METABOLIQUES A L'AIDE DU FACTEUR 15 DE DIFFERENCIATION DE CROISSANCE (GDF-15)**
[72] XIONG, YUMEI, US
[72] LI, YANG, US
[72] YEH, WEN-CHEN, US
[72] SHAN, BEI, US
[72] SHENG, JACKIE ZEQL, US
[71] AMGEN INC., US
[85] 2013-10-07
[86] 2012-04-05 (PCT/US2012/032415)
[87] (WO2012/138919)
[30] US (61/473,583) 2011-04-08

[21] **2,832,582**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **PERFORMING SOCIAL NETWORKING FUNCTIONS USING MATRIX CODES**
[54] **EXECUTION DE FONCTIONS DE RESEAUTAGE SOCIAL AU MOYEN DE CODES MATRICIELS**
[72] GOMEZ, MARK H., US
[72] ANGUIANO, JASON, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-07-03
[86] 2011-12-13 (PCT/US2011/064709)
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[30] US (12/986,721) 2011-01-07

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[13] A1

[51] **Int.Cl. F16B 37/04 (2006.01)**
[25] EN
[54] **CAGE NUT HAVING A RETAINING DEVICE AND METHOD FOR PRODUCING SAME**
[54] **ECROU DE CAGE POURVU D'UN DISPOSITIF DE RETENUE ET SON PROCEDE DE FABRICATION**
[72] ENDT, THOMAS, DE
[72] KRAUSS, RAINER, DE
[72] OBERNDORFER, SIEGFRIED, DE
[72] NEUHAUSER, STEFAN, DE
[71] RUIA GLOBAL FASTENERS AG, DE
[85] 2013-06-20
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[87] (WO2012/084163)
[30] DE (10 2010 055 554.1) 2010-12-23

[21] **2,832,584**
[13] A1

[51] **Int.Cl. G06Q 50/00 (2012.01) G06Q 10/00 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **AGGREGATION OF CONVERSION PATHS UTILIZING USER INTERACTION GROUPING**
[54] **CUMUL DE CHEMINS DE CONVERSION A L'AIDE D'UN GROUPE D'INTERACTIONS D'UTILISATEURS**
[72] JIA, YING HUA, US
[72] HSIAO, SISSIE LING-LE, US
[72] CHOC, THEODORE NICHOLAS, US
[72] CAI, HONGXU, US
[72] SECKAR, NICHOLAS, US
[71] GOOGLE, INC., US
[85] 2013-10-07
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[30] US (13/084,537) 2011-04-11

[21] **2,832,586**
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **FLEXIBLE MICROWAVE CATHETERS FOR NATURAL OR ARTIFICIAL LUMENS**
[54] **CATHETERS MICRO-ONDES SOUPLES POUR LUMIERES NATURELLES OU ARTIFICIELLES**
[72] BRANNAN, JOSEPH D., US
[72] LADTKOW, CASEY M., US
[71] COVIDIEN LP, US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032820)
[87] (WO2013/106053)
[30] US (61/473,564) 2011-04-08

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[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASED ETHANOL PRODUCTION FROM BIOMASS**
[54] **COMPOSITIONS ET PROCEDES POUR UNE PRODUCTION ACCRUE D'ETHANOL A PARTIR DE BIOMASSE**
[72] JESSEN, HOLLY J., US
[72] YI, JIAN, US
[72] LUNDORFF, JOSHUA, US
[72] LIAO, HANS, US
[72] NEGRETE-RAYMOND, ANA, US
[72] SUOMINEN, PIRKKO, US
[72] ARISTIDOU, ARISTOS, US
[71] CARGILL, INCORPORATED, US
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[86] 2012-04-11 (PCT/US2012/033030)
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[30] US (61/474,035) 2011-04-11

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[13] A1

[51] **Int.Cl. F21V 1/00 (2006.01) F21V 13/00 (2006.01)**
[25] EN
[54] **LED LIGHT ASSEMBLY AND METHOD FOR GENERATING A BEAM OF LIGHT**
[54] **ENSEMBLE DE LUMIERE A DIODES ELECTROLUMINESCENTES ET PROCEDE POUR GENERER UN FAISCEAU DE LUMIERE**
[72] LEFLER, WALTER W., US
[72] KAYE, MARC B., US
[72] STURDY, DAVID R., US
[72] CARTER, JAMES T., US
[72] MARSH, RONALD L., US
[72] CORNETT, CHRISTOPHER J., US
[72] APPEL, MICHAEL WAYNE, US
[72] SCHMOEGER, TERRY LEE, US
[71] AADYN TECHNOLOGY, LLC, US
[85] 2013-10-07
[86] 2012-04-06 (PCT/US2012/032466)
[87] (WO2012/138961)
[30] US (61/473,432) 2011-04-08
[30] US (13/440,730) 2012-04-05

[21] **2,832,589**
[13] A1

[51] **Int.Cl. A61L 15/40 (2006.01) A61L 27/34 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **DEVICES, COMPOSITIONS AND METHODS UTILIZING EP4 AND EP2 RECEPTOR AGONISTS FOR PREVENTING, REDUCING OR TREATING CAPSULAR CONTRACTURE**
[54] **DISPOSITIFS, COMPOSITIONS ET PROCEDES UTILISANT DES AGONISTES DE RECEPTEUR EP4 ET EP2 POUR PREVENIR, REDUIRE OU TRAITER UNE CONTRACTURE CAPSULAIRE**
[72] JIANG, GUANG-LIANG, US
[72] IM, WHA BIN, US
[72] BEDDINGFIELD, FREDERICK C., III., US
[72] WHEELER, LARRY A., US
[72] WHITCUP, SCOTT M., US
[72] AHLUWALIA, GURPREET, US
[71] ALLERGAN, INC., US
[85] 2013-10-07
[86] 2011-07-29 (PCT/US2011/045855)
[87] (WO2012/138368)
[30] US (61/472,878) 2011-04-07
[30] US (61/474,195) 2011-04-11

[21] **2,832,590**
[13] A1

[51] **Int.Cl. F15B 13/00 (2006.01)**
[25] EN
[54] **IMPROVED FLUID END MANIFOLDS AND FLUID END MANIFOLD ASSEMBLIES**
[54] **COLLECTEURS COTE FLUIDE ET ENSEMBLES COLLECTEURS COTE FLUIDE AMELIORES**
[72] PENDLETON, GARY, US
[71] AXON EP, INC., US
[85] 2013-10-07
[86] 2012-04-06 (PCT/US2012/032501)
[87] (WO2012/138985)
[30] US (13/082,565) 2011-04-08

[21] **2,832,591**
[13] A1

[51] **Int.Cl. F24D 13/02 (2006.01)**
[25] EN
[54] **ROOF HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE DE TOIT**
[72] MCGILLYCUDDY, EUGENE B., US
[71] CALORIQUE, LTD., US
[85] 2013-10-07
[86] 2012-04-06 (PCT/US2012/032552)
[87] (WO2012/139018)
[30] US (61/473,472) 2011-04-08

[21] **2,832,592**
[13] A1

[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/071 (2010.01) A61K 35/12 (2006.01) A61P 19/00 (2006.01) A61P 19/10 (2006.01) C12N 5/077 (2010.01)**
[25] EN
[54] **AUTOLOGOUS HUMAN ADULT PLURIPOTENT VERY SMALL EMBRYONIC-LIKE (HVSEL) STEM CELL REGENERATION OF BONE AND CARTILAGE**
[54] **REGENERATION DE CELLULES SOUCHES TRES PETITES DE TYPE EMBRYONNAIRE HUMAINES (HVSEL) PLURIPOTENTES ADULTES AUTOLOGUES DE L'OS ET DU CARTILAGE**
[72] TAICHMAN, RUSSELL, US
[72] KREBSBACH, PAUL H., US
[72] HAVENS, AARON, US
[72] MISHRA, ANJALI, US
[72] RODGERSON, DENIS O., US
[72] WANG, JINGCHENG, US
[72] SHIOZAWA, YUSUKE, US
[72] JUNG, YOUNGHUN, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] NEOSTEM, INC., US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032807)
[87] (WO2012/139131)
[30] US (61/473,420) 2011-04-08

[21] **2,832,593**
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **FLEXIBLE MICROWAVE CATHETERS FOR NATURAL OR ARTIFICIAL LUMENS**
[54] **CATHETERS MICRO-ONDES SOUPLES POUR LUMIERES NATURELLES OU ARTIFICIELLES**
[72] BRANNAN, JOSEPH D., US
[72] LADTKOW, CASEY M., US
[71] COVIDIEN LP, US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032815)
[87] (WO2013/106052)
[30] US (61/473,564) 2011-04-08

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[13] A1

[51] **Int.Cl. B65D 71/40 (2006.01) B65D 71/16 (2006.01)**
[25] EN
[54] **PACKAGE FOR CONTAINERS**
[54] **EMBALLAGE POUR CONTENANTS**
[72] SPIVEY, RAYMOND R., SR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2013-10-07
[86] 2012-05-11 (PCT/US2012/037461)
[87] (WO2012/158495)
[30] US (61/518,885) 2011-05-13

[21] **2,832,595**
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01) A61M 25/01 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **FLEXIBLE MICROWAVE CATHETERS FOR NATURAL OR ARTIFICIAL LUMENS**
[54] **CATHETERS FLEXIBLES A MICRO-ONDES POUR DES LUMIERES NATURELLES OU ARTIFICIELLES**
[72] BRANNAN, JOSEPH D., US
[71] COVIDIEN LP, US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032818)
[87] (WO2012/139135)
[30] US (61/473,564) 2011-04-08

[21] **2,832,596**
[13] A1

[51] **Int.Cl. A61K 31/335 (2006.01) A61K 31/357 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 309/00 (2006.01)**
[25] EN
[54] **TAXANE AND ABEO-TAXANE ANALOGS**
[54] **ANALOGUES DU TAXANE ET DE L'ABEO-TAXANE**
[72] MCCHESENEY, JAMES D., US
[72] HENRI, JOHN T., US
[72] VENKATARAMAN, SYLESH KUMAR, US
[72] GUNDLURU, MAHESH KUMAR, US
[71] ARBOR THERAPEUTICS, LLC, US
[85] 2013-10-07
[86] 2012-04-06 (PCT/US2012/032568)
[87] (WO2013/106029)
[30] US (61/472,968) 2011-04-07

[21] **2,832,597**
[13] A1

[51] **Int.Cl. F21V 13/04 (2006.01) F21V 21/00 (2006.01)**
[25] EN
[54] **HIGH INTENSITY WARNING LIGHT WITH REFLECTOR AND LIGHT-EMITTING DIODES**
[54] **LUMIERE D'ALARME DE FORTE INTENSITE AVEC REFLECTEUR ET DIODES ELECTROLUMINESCENTES**
[72] PECK, JOHN PATRICK, US
[72] ACACIA, SAM, US
[71] DIALIGHT CORPORATION, US
[85] 2013-10-07
[86] 2012-04-06 (PCT/US2012/032575)
[87] (WO2012/139032)
[30] US (61/473,509) 2011-04-08
[30] US (61/474,001) 2011-04-11
[30] US (13/440,427) 2012-04-05

[21] **2,832,598**
[13] A1

[51] **Int.Cl. A61K 31/277 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **SELECTIVE ANDROGEN RECEPTOR MODULATORS FOR TREATING DIABETES**
[54] **MODULATEURS SELECTIFS DES RECEPTEURS DES ANDROGENES POUR LE TRAITEMENT DU DIABETE**
[72] DALTON, JAMES T., US
[72] DODSON, SHONTELLE, US
[72] STEINER, MITCHELL S., US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032707)
[87] (WO2012/139093)
[30] US (13/082,830) 2011-04-08

[21] **2,832,599**
[13] A1

[51] **Int.Cl. E06B 3/50 (2006.01) E05D 15/18 (2006.01)**
[25] EN
[54] **SLIDING DOOR**
[54] **PORTE COULISSANTE**
[72] SMITH, BRIAN H., US
[72] SABOTTA, JASON P., US
[71] SMITH, BRIAN H., US
[71] SABOTTA, JASON P., US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032766)
[87] (WO2012/139115)
[30] US (61/472,738) 2011-04-07
[30] US (13/420,319) 2012-03-14

[21] **2,832,601**
[13] A1

[51] **Int.Cl. C09J 123/08 (2006.01) C09J 193/04 (2006.01)**
[25] EN
[54] **POLYOLEFIN BASED HOT MELT ADHESIVE CONTAINING A SOLID PLASTICIZER**
[54] **ADHESIF THERMOFUSIBLE A BASE DE POLYOLEFINE ET QUI CONTIENT UN PLASTIFIANT SOLIDE**
[72] VITRANO, MICHAEL D., US
[72] STAFEIL, KEVIN, US
[72] HAILEMICHAEL, TSEBAOT, US
[71] BOSTIK, INC., US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032773)
[87] (WO2012/139120)
[30] US (61/473,563) 2011-04-08

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[21] **2,832,602**
[13] A1

[51] **Int.Cl. C04B 24/38 (2006.01) C04B 28/02 (2006.01) C04B 28/04 (2006.01) C09K 8/487 (2006.01) C09K 8/493 (2006.01)**

[25] EN

[54] **USE OF METHYLHYDROXYETHYL CELLULOSE AS CEMENT ADDITIVE**

[54] **UTILISATION DE METHYLHYDROXYETHYL CELLULOSE COMME ADDITIF DE CIMENT**

[72] BRAY, WINDAL SCOTT, US

[72] BRANDL, ANDREAS, US

[71] BAKER HUGHES INCORPORATED, US

[85] 2013-10-07

[86] 2012-04-10 (PCT/US2012/032867)

[87] (WO2012/166245)

[30] US (13/090,111) 2011-04-19

[21] **2,832,604**
[13] A1

[51] **Int.Cl. B60S 1/38 (2006.01)**

[25] EN

[54] **WINDSCREEN WIPER DEVICE**

[54] **DISPOSITIF D'ESSUIE-GLACE**

[72] BOLAND, XAVIER, BE

[71] FEDERAL-MOGUL S.A., BE

[85] 2013-10-08

[86] 2011-04-13 (PCT/EP2011/055841)

[87] (WO2012/139643)

[21] **2,832,605**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4427 (2006.01) A61K 31/497 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 25/28 (2006.01) A61P 27/06 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 407/14 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01) C07D 471/04 (2006.01) C07D 491/048 (2006.01)**

[25] EN

[54] **PYRIDINE-AND PYRAZINE DERIVATIVES**

[54] **DERIVES DE PYRIDINE ET PYRAZINE**

[72] HOELZEMANN, GUENTER, DE

[72] EGGENWEILER, HANS-MICHAEL, DE

[72] KARRA, SRINIVASA R., US

[71] MERCK PATENT GMBH, DE

[85] 2013-10-07

[86] 2012-04-11 (PCT/US2012/032983)

[87] (WO2012/161877)

[30] US (61/488,997) 2011-05-23

[21] **2,832,608**
[13] A1

[51] **Int.Cl. A23L 1/22 (2006.01) A23L 1/03 (2006.01) A23L 3/44 (2006.01) A23P 1/04 (2006.01)**

[25] EN

[54] **METHODS OF FLAVOR ENCAPSULATION AND MATRIX-ASSISTED CONCENTRATION OF AQUEOUS FOODS AND PRODUCTS PRODUCED THEREFROM**

[54] **PROCEDES D'ENCAPSULATION D'AROME ET CONCENTRATION ASSISTEE PAR MATRICE DE PRODUITS ALIMENTAIRES AQUEUX ET PRODUITS AINSI OBTENUS**

[72] GEORGE, EAPEN, US

[72] GIVEN, PETER S., US

[72] GROVER, JULIE ANNE, US

[72] GUARDIOLA, LIA, US

[72] PADUA, GRACIELA WILD, US

[72] WANG, YI, US

[71] FRITO-LAY NORTH AMERICA, INC., US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2013-10-07

[86] 2012-04-11 (PCT/US2012/033068)

[87] (WO2012/142122)

[30] US (13/085,088) 2011-04-12

[21] **2,832,609**
[13] A1

[51] **Int.Cl. B60S 1/38 (2006.01)**

[25] EN

[54] **WINDSCREEN WIPER DEVICE**

[54] **DISPOSITIF D'ESSUIE-GLACE**

[72] BOLAND, XAVIER, BE

[71] FEDERAL-MOGUL S.A., BE

[85] 2013-10-08

[86] 2011-04-13 (PCT/EP2011/055854)

[87] (WO2012/139645)

[21] **2,832,611**
[13] A1

[51] **Int.Cl. A61K 31/397 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **METHODS FOR INHIBITING ALLOGRAFT REJECTION**

[54] **METHODES D'INHIBITION D'UN REJET D'ALLOGREFFE**

[72] TAYLOR, VANESSA, US

[72] MASUDA, ESTEBAN, US

[71] RIGEL PHARMACEUTICALS, INC., US

[85] 2013-10-07

[86] 2012-04-11 (PCT/US2012/033123)

[87] (WO2012/142160)

[30] US (61/474,606) 2011-04-12

[21] **2,832,616**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

[25] EN

[54] **SUBSEA MEASUREMENT AND MONITORING**

[54] **MESURES ET SURVEILLANCE SOUS-MARINES**

[72] RONGVE, KNUT, NO

[72] WIJK, JAN, NO

[72] MOEN, TOR-EIVIND, NO

[72] HOOSH, BEHROOZ-MOGHIMIAN, NO

[71] ABB AS, NO

[85] 2013-10-08

[86] 2012-03-22 (PCT/EP2012/055143)

[87] (WO2012/136486)

[30] US (61/473,364) 2011-04-08

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[21] **2,832,619**
[13] A1

[51] **Int.Cl. B28C 5/38 (2006.01) C04B 28/14 (2006.01) C04B 38/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING GYPSUM PRODUCTS**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE PRODUITS COMPOSES DE GYPSE**
[72] JAFFEL, HAMOUDA, FR
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2013-10-08
[86] 2012-04-05 (PCT/EP2012/056273)
[87] (WO2012/136760)
[30] EP (11161718.9) 2011-04-08

[21] **2,832,622**
[13] A1

[51] **Int.Cl. C10J 3/20 (2006.01) F23B 90/00 (2011.01)**
[25] EN
[54] **GASIFICATION BURNER**
[54] **BRULEUR A GAZEIFICATION**
[72] SUPANDI, IR. HARSUDI, ID
[71] PT. TOTAL SINERGY INTERNATIONAL, ID
[85] 2013-10-07
[86] 2012-04-05 (PCT/ID2012/000001)
[87] (WO2012/137191)
[30] SG (201102495-7) 2011-04-07

[21] **2,832,624**
[13] A1

[51] **Int.Cl. C07D 493/04 (2006.01) C07C 45/37 (2006.01) C07C 45/38 (2006.01) C07C 45/39 (2006.01) C07D 493/02 (2006.01)**
[25] EN
[54] **CONTINUOUSLY OPERABLE METHOD FOR PRODUCING CARBONYL COMPOUNDS BY MEANS OF A CATALYST CONTAINING A NITROXYL RADICAL**
[54] **PROCEDE POUVANT ETRE MIS EN OEUVRE EN CONTINU, POUR LA PRODUCTION DE COMPOSES CARBONYLE, AU MOYEN D'UN CATALYSEUR CONTENANT DES RADICAUX NITROSYLE**
[72] KLASOVSKY, FLORIAN, DE
[72] HAAS, THOMAS, DE
[72] TACKE, THOMAS, DE
[72] PFEFFER, JAN CHRISTOPH, DE
[72] RIMBACH, MICHAEL, DE
[72] VOLLAND, MICHAEL, DE
[72] JANSSEN, MICHIEL, NL
[72] SHELDON, ROGER, NL
[72] HABERLAND, JURGEN, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2013-10-08
[86] 2011-12-06 (PCT/EP2011/071911)
[87] (WO2012/139666)
[30] EP (11162077.9) 2011-04-12

[21] **2,832,627**
[13] A1

[51] **Int.Cl. H04N 7/015 (2006.01)**
[25] EN
[54] **DIGITAL BROADCAST TRANSMITTER FOR TRANSMITTING TRANSPORT STREAM CONTAINING AUDIO PACKETS, DIGITAL BROADCAST RECEIVER FOR RECEIVING SAME, AND METHODS THEREOF**
[54] **EMETTEUR DE RADIODIFFUSION NUMERIQUE POUR ENVOYER UN FLUX DE TRANSPORT CONTENANT DES PAQUETS AUDIO, RECEPTEUR DE DIFFUSION NUMERIQUE POUR RECEVOIR CE FLUX, ET PROCEDES ASSOCIES**
[72] JEONG, JIN-HEE, KR
[72] LEE, HAK-JU, KR
[72] KIM, JAE-YOEL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-10-07
[86] 2012-04-06 (PCT/KR2012/002637)
[87] (WO2012/138180)
[30] US (61/473,362) 2011-04-08
[30] KR (10-2012-0035471) 2012-04-05

[21] **2,832,630**
[13] A1

[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/24 (2006.01) C09K 8/508 (2006.01) C09K 8/68 (2006.01)**
[25] EN
[54] **THERMO-RESPONSIVE HYDROGELS AND THERMO-RESPONSIVE POLYMER SOLUTIONS**
[54] **HYDROGELS THERMOSENSIBLES ET SOLUTIONS POLYMERES THERMOSENSIBLES**
[72] FITCH, SHAWN, US
[72] HORTON, ROBERT L., US
[72] MUELLER, BRIAN L., US
[71] CORSICANA TECHNOLOGIES, INC., US
[85] 2013-10-07
[86] 2012-04-12 (PCT/US2012/033242)
[87] (WO2012/142235)
[30] US (61/475,733) 2011-04-15

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[21] **2,832,632**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **A FIXTURE**
[54] **FIXATION**
[72] HANSSON, STIG, SE
[72] HALLDIN, ANDERS, SE
[71] DENTSPLY IH AB, SE
[85] 2013-10-08
[86] 2012-04-12 (PCT/EP2012/056723)
[87] (WO2012/140166)
[30] EP (11162464.9) 2011-04-14
[30] US (61/475,329) 2011-04-14

[21] **2,832,633**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **INTEGRATED ABLATION AND MAPPING SYSTEM**
[54] **ABLATION INTEGREE ET SYSTEME DE CARTOGRAPHIE**
[72] ARENSON, JAMES W., US
[72] SUMANAWEERA, THILAKA, US
[72] MADDEN, JOHN P., US
[71] VYTRONUS, INC., US
[85] 2013-10-07
[86] 2012-04-13 (PCT/US2012/033641)
[87] (WO2012/142499)
[30] US (61/475,130) 2011-04-13

[21] **2,832,634**
[13] A1

[51] **Int.Cl. H04B 7/04 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **CSI-RS BASED CHANNEL ESTIMATING METHOD IN A WIRELESS COMMUNICATION SYSTEM AND DEVICE FOR SAME**
[54] **PROCEDE D'ESTIMATION DE CANAL BASE CSI-RS DANS UN SYSTEME DE COMMUNICATION SANS FIL ET DISPOSITIF CORRESPONDANT**
[72] SEO, HANBYUL, KR
[72] KIM, KIJUN, KR
[72] LEE, DAEWON, KR
[71] LG ELECTRONICS INC., KR
[85] 2013-10-07
[86] 2012-05-03 (PCT/KR2012/003475)
[87] (WO2012/157870)
[30] US (61/485,642) 2011-05-13
[30] US (61/500,599) 2011-06-23

[21] **2,832,638**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **PLANTS RESISTANT TO INSECT PESTS**
[54] **PLANTES RESISTANTES AUX INSECTES NUISIBLES**
[72] BEGHYN, MYRIAM, BE
[72] BOGAERT, THIERRY, BE
[72] FELDMANN, PASCALE, BE
[72] RAEMAEEKERS, ROMAAN, BE
[71] DEVGEN NV, BE
[85] 2013-10-08
[86] 2012-04-20 (PCT/EP2012/057333)
[87] (WO2012/143543)
[30] US (61/477,371) 2011-04-20
[30] US (61/508,826) 2011-07-18

[21] **2,832,639**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) C12N 15/82 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR SILENCING GENE FAMILIES USING ARTIFICIAL MICRORNAS**
[54] **PROCEDES ET COMPOSITIONS POUR LE SILENCAGE DE FAMILLES DE GENES A L'AIDE DE MICROARN ARTIFICIELS**
[72] MCGONIGLE, BRIAN, US
[71] E.I. DUPONT DE NEMOURS AND COMPANY, US
[85] 2013-10-07
[86] 2012-05-09 (PCT/US2012/037083)
[87] (WO2012/154824)
[30] US (61/484,033) 2011-05-09

[21] **2,832,641**
[13] A1

[51] **Int.Cl. B65D 71/16 (2006.01) B65D 71/20 (2006.01)**
[25] EN
[54] **CARRIER WITH RETENTION FEATURES**
[54] **SUPPORT POURVU D'ELEMENTS DE RETENUE**
[72] SPIVEY, RAYMOND R., SR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2013-10-07
[86] 2012-05-11 (PCT/US2012/037465)
[87] (WO2012/155024)
[30] US (61/518,837) 2011-05-12

[21] **2,832,643**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **SEQUENCING SMALL AMOUNTS OF COMPLEX NUCLEIC ACIDS**
[54] **SEQUENCAGE DE PETITES QUANTITES D'ACIDES NUCLEIQUES COMPLEXES**
[72] DRMANAC, RADOJE, US
[72] PETERS, BROCK A., US
[72] KERMANI, BAHRAM GHAFFARZADEH, US
[71] COMPLETE GENOMICS, INC., US
[85] 2013-10-07
[86] 2012-04-16 (PCT/US2012/033832)
[87] (WO2012/142611)
[30] US (61/517,196) 2011-04-14
[30] US (61/527,428) 2011-08-25
[30] US (61/546,516) 2011-10-12
[30] US (13/447,087) 2012-04-13

[21] **2,832,644**
[13] A1

[51] **Int.Cl. C08K 3/00 (2006.01) B65D 43/00 (2006.01) C08K 3/34 (2006.01)**
[25] EN
[54] **DISPOSABLE LID HAVING POLYMER COMPOSITE OF POLYOLEFIN AND MINERAL FILLER**
[54] **COUVERCLE JETABLE COMPRENANT UN COMPOSITE POLYMERE POLYOLEFINIQUE ET UNE CHARGE MINERALE**
[72] WU, WEN PAO, US
[72] FORBES, ALAN H., US
[71] PACTIV LLC, US
[85] 2013-10-07
[86] 2012-04-18 (PCT/US2012/034018)
[87] (WO2012/145359)
[30] US (61/477,886) 2011-04-21

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[21] **2,832,646**
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/22 (2006.01) A61K 8/38 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **IMPROVED STABILITY OF PEROXIDE IN ORAL CARE COMPOSITIONS**

[54] **STABILITE AMELIOREE DE PEROXYDE DANS DES COMPOSITIONS DE SOIN BUCCAL**

[72] GEBRESELASSIE, PETROS, US

[72] GAONKAR, ANILKUMAR GANAPATI, US

[72] CALAHAN, ALLISON, US

[72] BOGHANI, NAVROZ, US

[71] INTERCONTINENTAL GREAT BRANDS LLC, US

[85] 2013-10-07

[86] 2012-04-20 (PCT/US2012/034427)

[87] (WO2012/145611)

[30] US (61/477,651) 2011-04-21

[21] **2,832,647**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**

[25] EN

[54] **FLUID INFUSION METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE PERFUSION**

[72] BARNES, ERIK, US

[72] BUTTERFIELD, ROBERT DWAIN, US

[71] CAREFUSION 303, INC., US

[85] 2013-10-07

[86] 2012-04-23 (PCT/US2012/034718)

[87] (WO2012/151077)

[30] US (13/101,847) 2011-05-05

[21] **2,832,648**
[13] A1

[51] **Int.Cl. D21C 3/02 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR EFFICIENT PRODUCTION OF DISSOLVING PULP IN A KRAFT MILL PRODUCING PAPER GRADE PULP WITH A CONTINUOUS TYPE DIGESTER**

[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION EFFICACE DE PATE POUR DISSOLUTION DANS UNE FABRIQUE DE PATE KRAFT PRODUISANT DE LA PATE DE QUALITE PAPIER AVEC UN LESSIVEUR DE TYPE CONTINU**

[72] VAN LEE, RICHARD CONSTANTINE, ID

[72] DEVANESAN, ALAGARATNAM JOSEPH, SG

[71] PEC-TECH ENGINEERING AND CONSTRUCTION PTE LTD, SG

[85] 2013-10-04

[86] 2012-04-09 (PCT/IB2012/000892)

[87] (WO2012/137076)

[30] US (61/473,712) 2011-04-08

[21] **2,832,649**
[13] A1

[51] **Int.Cl. B65D 30/02 (2006.01) B29C 55/18 (2006.01)**

[25] EN

[54] **THERMOPLASTIC FILMS WITH VISUALLY-DISTINCT STRETCHED REGIONS AND METHODS FOR MAKING THE SAME**

[54] **FILMS THERMOPLASTIQUES POSSEDANT DES REGIONS ETIREES VISUELLEMENT DISTINCTES, ET PROCEDES DE FABRICATION DE CES FILMS**

[72] DORSEY, ROBERT T., US

[72] BORCHARDT, MICHAEL G., US

[71] THE GLAD PRODUCTS COMPANY, US

[85] 2013-10-07

[86] 2012-04-24 (PCT/US2012/034817)

[87] (WO2012/148916)

[30] US (61/478,639) 2011-04-25

[30] US (13/454,412) 2012-04-24

[21] **2,832,650**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4155 (2006.01) A61K 31/4439 (2006.01) A61K 31/496 (2006.01) A61K 31/498 (2006.01) A61K 31/5377 (2006.01) A61K 31/7004 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01) C07D 209/12 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07H 15/203 (2006.01)**

[25] EN

[54] **NOVEL PYRAZOLE DERIVATIVE**

[54] **NOUVEAU DERIVE PYRAZOLE**

[72] SUGIMOTO, HACHIRO, JP

[72] OKUDA, MICHIAKI, JP

[72] TAKAHASHI, TAKASHI, JP

[72] HIJIKURO, ICHIRO, JP

[72] SUZUKI, HIDETAKA, JP

[72] NAKAYAMA, SHINICHI, JP

[71] PHARMA EIGHT CO. LTD., JP

[85] 2013-10-07

[86] 2012-04-11 (PCT/JP2012/059944)

[87] (WO2012/141228)

[30] JP (2011-087040) 2011-04-11

[21] **2,832,652**
[13] A1

[51] **Int.Cl. B29C 65/02 (2006.01) B23K 11/06 (2006.01) B23K 11/00 (2006.01) H01B 1/24 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING A BONDED BODY**

[54] **PROCEDE DE FABRICATION DE JOINT**

[72] KATO, TAKUMI, JP

[72] SAITO, KIYOSHI, JP

[72] KOMATSU, AKIO, JP

[71] TEIJIN LIMITED, JP

[71] ORIGIN ELECTRIC CO., LTD., JP

[85] 2013-10-07

[86] 2012-04-06 (PCT/JP2012/060088)

[87] (WO2012/137985)

[30] JP (2011-085873) 2011-04-08

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[21] **2,832,654**
[13] A1

[51] **Int.Cl. G10K 3/00 (2006.01) G10D 13/06 (2006.01)**
[25] EN
[54] **PERCUSSION DEVICE**
[54] **DISPOSITIF DE PERCUSSION**
[72] SALMINA, OLGA BORISOVNA, RU
[72] KOLCHINSKY, EVGENY YANOVICH, RU
[71] SALMINA, OLGA BORISOVNA, RU
[71] KOLCHINSKY, EVGENY YANOVICH, RU
[85] 2013-10-07
[86] 2012-04-06 (PCT/RU2012/000257)
[87] (WO2012/138257)
[30] RU (2011113071) 2011-04-06

[21] **2,832,660**
[13] A1

[51] **Int.Cl. A01N 65/26 (2009.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) B08B 17/02 (2006.01) C09D 5/16 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHODS FOR ANTI-MACROFOULING TREATMENT OF POLYMERS**
[54] **COMPOSITION ET PROCEDES POUR LE TRAITEMENT DE POLYMERES CONTRE L'ENCRASSEMENT MACROSCOPIQUE**
[72] GUNARI, NIKHIL A., CA
[72] DAS, MALLIKA, CA
[72] WALKER, GILBERT C., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2013-10-08
[86] 2012-04-11 (PCT/CA2012/000347)
[87] (WO2012/139202)
[30] US (61/474,114) 2011-04-11

[21] **2,832,662**
[13] A1

[51] **Int.Cl. B01J 20/34 (2006.01) B01D 53/14 (2006.01) B01J 20/26 (2006.01)**
[25] EN
[54] **PROCESS FOR PURIFYING ABSORBENTS COMPRISING POLYETHYLENE GLYCOL DIMETHYL ETHERS**
[54] **PROCEDE DE PURIFICATION D'ABSORBANTS COMPRENANT DES ETHERS DIMETHYLIQUES DE POLYETHYLENE GLYCOL**
[72] PARISI, PAUL, CA
[71] ELECTROSEP TECHNOLOGIES INC., CA
[85] 2013-10-08
[86] 2012-04-10 (PCT/CA2012/050228)
[87] (WO2012/139219)
[30] US (61/474,188) 2011-04-11

[21] **2,832,663**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/519 (2006.01) A61K 47/34 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **RISPERIDONE SUSTAINED RELEASE MICROSPHERE COMPOSITION**
[54] **COMPOSITION DE MICROSPHERES DE RISPERIDONE A LIBERATION PROLONGEE**
[72] SUN, KAOXIANG, CN
[72] LIANG, RONGCAI, CN
[72] WANG, QILIN, CN
[72] WANG, WENYAN, CN
[72] LIU, WANHUI, CN
[72] LI, YOUXIN, CN
[71] SHANDONG LUYE PHARMACEUTICAL CO., LTD., CN
[85] 2013-10-08
[86] 2012-04-10 (PCT/CN2012/000473)
[87] (WO2012/146052)
[30] CN (201110102840.5) 2011-04-25

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[51] **Int.Cl. A61K 38/11 (2006.01) A61P 15/12 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] UVNAS-MOBERG, KERSTIN, SE
[72] CARLSSON, ANDERS, SE
[71] PEP-TONIC MEDICAL AB, SE
[85] 2013-10-08
[86] 2012-04-13 (PCT/EP2012/056813)
[87] (WO2012/140216)
[30] SE (1150324-0) 2011-04-14
[30] US (61/475,471) 2011-04-14

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[51] **Int.Cl. C07K 1/14 (2006.01) A61K 38/38 (2006.01) A61K 39/395 (2006.01) A61P 7/00 (2006.01) C07K 14/76 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING INJECTABLE FORMULATIONS OF BLOOD-DERIVED PROTEIN MATERIALS, AND MATERIALS OBTAINED USING SAID METHOD**
[54] **PROCEDE DE PRODUCTION DE FORMULATIONS INJECTABLES DE PRODUITS PROTEIQUES HEMODERIVES ET PRODUITS OBTENUS SUIVANT CE PROCEDE**
[72] SEGURA RUIZ, ALVARO, CR
[72] VARGAS ARROYO, MARIANGELA, CR
[72] LEON MONTERO, GUILLERMO, CR
[72] VILLALTA ARRIETA, MAUREN, CR
[72] HERRERA VEGA, MARIA, CR
[72] ANGULO UGALDE, YAMILETH, CR
[71] UNIVERSIDAD DE COSTA RICA, CR
[85] 2013-10-08
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[51] **Int.Cl. A23K 1/175 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **USE OF ENCAPSULATED NITRATES AND SULFATES TO REDUCE METHANE EMISSION DERIVED FROM RUMINAL FERMENTATION**
[54] **UTILISATION DE NITRATES ET DE SULFATES ENCAPSULES POUR REDUIRE L'EMISSION DE METHANE PROVENANT DE LA FERMENTATION RUMINALE**
[72] PEGORARO, ALYSSON HOFMANN, BR
[72] ARAUJO, RAFAEL CANONENCO DE, BR
[71] GRASP INDUSTRIA E COMERCIO LTDA., BR
[85] 2013-10-08
[86] 2012-05-23 (PCT/BR2012/000157)
[87] (WO2012/159186)
[30] BR (PI1102284-1) 2011-05-23

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[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **BI-FUNCTIONAL COMPLEXES AND METHODS FOR MAKING AND USING SUCH COMPLEXES**
[54] **COMPLEXES BIFONCTIONNELS ET PROCEDES DE FABRICATION ET D'UTILISATION DE TELS COMPLEXES**
[72] GOULIAEV, ALEX HAAHR, DK
[72] FRANCH, THOMAS, DK
[72] GODSKESEN, MICHAEL ANDERS, DK
[72] JENSEN, KIM BIRKEBAEK, DK
[71] NUEVOLUTION A/S, DK
[85] 2013-10-08
[86] 2011-04-16 (PCT/DK2011/000031)
[87] (WO2011/127933)
[30] US (61/325,160) 2010-04-16
[30] DK (PA 2010 70149) 2010-04-16

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[25] EN
[54] **BURNER ARRANGEMENT AND BURNER ASSEMBLY**
[54] **AGENCEMENT DE BRULEUR ET ENSEMBLE BRULEUR**
[72] WEISSMAN, GUNNAR, FI
[72] VUORIO, JUKKA, FI
[72] JAFS, MIKAEL, FI
[71] OUTOTEC OYJ, FI
[85] 2013-10-08
[86] 2011-05-31 (PCT/FI2011/050502)
[87] (WO2012/164142)

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[51] **Int.Cl. F16D 55/08 (2006.01) B66B 1/32 (2006.01) H02K 7/102 (2006.01) F16D 13/22 (2006.01) F16D 13/76 (2006.01)**
[25] EN
[54] **A BRAKE AND A METHOD FOR MAKING A BRAKE**
[54] **FREIN ET PROCEDE DE FABRICATION D'UN FREIN**
[72] OLKKONEN, MIKA, FI
[72] SAARELAINEN, ANTTI, FI
[71] KONE CORPORATION, FI
[85] 2013-10-08
[86] 2012-05-04 (PCT/FI2012/050436)
[87] (WO2012/152998)
[30] FI (20115463) 2011-05-12

[21] **2,832,678**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD AND PRODUCT FOR LOCALISED OR SPATIAL DETECTION OF NUCLEIC ACID IN A TISSUE SAMPLE**
[54] **PROCEDE ET PRODUIT POUR LA DETECTION LOCALISEE OU SPATIALE D'ACIDE NUCLEIQUE DANS UN ECHANTILLON DE TISSU**
[72] FRISEN, JONAS, SE
[72] LUNDEBERG, JOAKIM, SE
[72] TAHL, PATRIK, SE
[71] SPATIAL TRANSCRIPTOMICS AB, SE
[85] 2013-10-08
[86] 2012-04-13 (PCT/EP2012/056823)
[87] (WO2012/140224)
[30] GB (1106254.4) 2011-04-13

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[51] **Int.Cl. A01K 1/10 (2006.01) A01K 5/02 (2006.01)**
[25] EN
[54] **AUTONOMOUSLY DISPLACEABLE FEED DISPLACEMENT VEHICLE**
[54] **VEHICULE DE DEPLACEMENT D'ALIMENT A DEPLACEMENT AUTONOME**
[72] VAN KUILENBURG, JAN MARTINUS, NL
[72] VLAAR, IWAN YVES, NL
[72] VAN DEN BERG, KAREL, NL
[71] LELY PATENT N.V., NL
[85] 2013-10-08
[86] 2012-03-28 (PCT/NL2012/000024)
[87] (WO2012/141577)
[30] NL (1038740) 2011-04-11

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[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01)**
[25] EN
[54] **SCREENING METHODS AND PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASES**
[54] **PROCEDES DE CRIBLAGE ET COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE SYNDROMES ABDOMINAUX INFLAMMATOIRES**
[72] OGIER-DENIS, ERIC, FR
[72] TRETON, XAVIER, FR
[72] PEDRUZZI, ERIC, FR
[72] DANIEL, FANNY, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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[86] 2012-04-13 (PCT/EP2012/056799)
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[30] EP (11162272.6) 2011-04-13

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[51] **Int.Cl. C12P 5/02 (2006.01) C02F 11/04 (2006.01) C02F 11/08 (2006.01)**
[25] EN
[54] **METHOD OF TREATING ORGANIC MATERIAL TO PRODUCE METHANE GAS**
[54] **PROCEDE DE TRAITEMENT DE MATERIAU ORGANIQUE POUR PRODUIRE DU GAZ METHANE**
[72] KARLSSON, GORAN, SE
[72] CARLIUS, ANDERS, SE
[71] REAC FUEL AB, SE
[85] 2013-10-08
[86] 2012-04-13 (PCT/SE2012/050406)
[87] (WO2012/141652)
[30] US (61/475,992) 2011-04-15
[30] SE (1150332-3) 2011-04-15

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[13] A1

[51] **Int.Cl. C01B 31/04 (2006.01) B82Y 40/00 (2011.01)**
[25] EN
[54] **PROCESS FOR FORMING EXPANDED HEXAGONAL LAYERED MINERALS AND DERIVATIVES USING ELECTROCHEMICAL CHARGING**
[54] **PROCEDE POUR LA FORMATION DE MATIERES MINERALES LAMELLAIRES HEXAGONALES EXPANSEES ET DERIVES DE CELLES-CI A L'AIDE D'UN CHARGEMENT ELECTROCHIMIQUE**
[72] LOH, KIAN PING, SG
[72] WANG, JUNZHONG, SG
[72] CHIU, GORDON, US
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2013-10-08
[86] 2012-11-22 (PCT/SG2012/000440)
[87] (WO2013/089642)
[30] US (61/570,330) 2011-12-14

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[13] A1

[51] **Int.Cl. B60S 1/38 (2006.01)**
[25] EN
[54] **WINDSCREEN WIPER DEVICE**
[54] **DISPOSITIF D'ESSUIE-GLACE**
[72] BOUDJENAH, DANIEL, BE
[72] ROUSSEL, GERALD, BE
[71] FEDERAL-MOGUL S.A., BE
[85] 2013-10-08
[86] 2011-04-13 (PCT/EP2011/055787)
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[25] EN
[54] **PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS**
[54] **DERIVES PYRIMIDINES POUR LE TRAITEMENT D'INFECTIONS VIRALES**
[72] MC GOWAN, DAVID, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] EMBRECHTS, WERNER, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] LAST, STEFAAN JULIEN, BE
[72] PIETERS, SERGE MARIA ALOYSIUS, NL
[72] VLACH, JAROMIR, FR
[71] JANSSEN R&D IRELAND, IE
[85] 2013-10-08
[86] 2012-04-10 (PCT/EP2012/056388)
[87] (WO2012/136834)
[30] EP (11161595.1) 2011-04-08

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[51] **Int.Cl. A61K 8/49 (2006.01) A61K 31/522 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01)**
[25] FR
[54] **PEPTIDYL ARGININE DEIMINASE 1 AND/OR 3 ACTIVATOR COMPOUNDS IN THE EPIDERMIS AND USES THEREOF**
[54] **COMPOSES ACTIVATEURS DES PEPTIDYL-ARGININE DESIMINASES 1 ET/OU 3 DANS L'EPIDERME ET LEURS UTILISATIONS**
[72] DUPLAN, HELENE, FR
[72] DAUNES-MARION, SYLVIE, FR
[72] POIGNY, STEPHANE, FR
[72] MECHIN, MARIE-CLAIRE, FR
[72] SERRE, GUY, FR
[72] SIMON, MICHEL, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2013-10-08
[86] 2012-04-11 (PCT/EP2012/056596)
[87] (WO2012/140095)
[30] FR (1153135) 2011-04-11

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[13] A1

[51] **Int.Cl. A45C 11/20 (2006.01) A45C 5/14 (2006.01) A45C 7/00 (2006.01) A45C 13/02 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **RIGID COLLAPSIBLE LINER FOR INSULATED CONTAINER**
[54] **DOUBLURE DEMONTABLE RIGIDE POUR CONTENEUR ISOLE**
[72] CULP, YIYUN, US
[72] GRONAU, LISA A., US
[72] VOGEL, AMY E., US
[72] PERRY, ASHLEIGH M., US
[72] PETERSON, MICHAEL W., US
[72] GIBSON, DAVID B., US
[72] HOLT, JUSTIN W., US
[71] THE COLEMAN COMPANY, US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028130)
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[30] US (61/451,973) 2011-03-11
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[51] **Int.Cl. A61B 8/08 (2006.01) A61B 8/06 (2006.01)**
[25] EN
[54] **VASCULAR CHARACTERIZATION USING ULTRASOUND IMAGING**
[54] **CARACTERISATION VASCULAIRE UTILISANT L'IMAGERIE ULTRASONORE**
[72] EBBINI, EMAD S., US
[72] LIU, DALONG, US
[72] WAN, YAYUN, US
[72] CASPER, ANDREW J., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2013-10-08
[86] 2012-04-13 (PCT/US2012/033584)
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[30] US (61/475,550) 2011-04-14

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[13] A1

[51] **Int.Cl. B29C 45/26 (2006.01) B65D 1/36 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN MOULDING CONTAINERS**
[54] **AMELIORATIONS DANS LE MOULAGE DE RECIPIENTS**
[72] HALBHERR, AXEL, DE
[72] PELLENZ, JURGEN, DE
[72] GEIGER, ANDREAS, DE
[71] RECKITT BENCKISER N.V., NL
[85] 2013-10-08
[86] 2012-04-05 (PCT/GB2012/050768)
[87] (WO2012/140412)
[30] GB (1106072.0) 2011-04-11

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[51] **Int.Cl. A61K 39/085 (2006.01) C07K 14/31 (2006.01)**
[25] EN
[54] **COMBINATION VACCINE**
[54] **VACCIN COMBINE**
[72] GARCIA, LARA JORGE, GB
[72] FOSTER, SIMON, GB
[71] ABSYNTH BIOLOGICS LIMITED, GB
[85] 2013-10-08
[86] 2012-04-11 (PCT/GB2012/050791)
[87] (WO2012/140417)
[30] GB (1106162.9) 2011-04-12

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[13] A1

[51] **Int.Cl. C07C 55/10 (2006.01) A61K 31/197 (2006.01) A61K 31/205 (2006.01) A61K 31/513 (2006.01) A61K 31/616 (2006.01) A61P 9/00 (2006.01) C07C 57/15 (2006.01) C07C 69/86 (2006.01) C07C 227/18 (2006.01) C07C 229/12 (2006.01) C07D 239/557 (2006.01)**
[25] EN
[54] **USE OF 3-CARBOXY-N-ETHYL-N,N-DIMETHYLPROPAN-1-AMINIUM SALTS IN THE TREATMENT OF CARDIOVASCULAR DISEASE**
[54] **UTILISATION DE SELS DE 3-CARBOXY-N-ETHYL-N,N-DIMETHYLPROPAN-1-AMINIUM POUR TRAITER UNE MALADIE CARDIOVASCULAIRE**
[72] KALVINS, IVARS, LV
[72] LIEPINS, EDGARS, LV
[72] LOZA, EINARS, LV
[72] DOMBROVA, MAIJA, LV
[72] STONANS, ILMARS, LV
[72] LOLA, DAINA, LV
[72] KUKA, JANIS, LV
[72] PUGOVICS, OSVALDS, LV
[72] VILSKERSTS, REINIS, LV
[72] GRINBERGA, SOLVEIGA, LV
[72] DAMBROVA, MAIJA, LV
[71] GRINDEKS, A JOINT STOCK COMPANY, LV
[85] 2013-10-08
[86] 2012-04-27 (PCT/EP2012/057806)
[87] (WO2012/146736)
[30] EP (11163839.1) 2011-04-27
[30] EP (11163841.7) 2011-04-27
[30] EP (11163840.9) 2011-04-27
[30] EP (11163872.2) 2011-04-27
[30] EP (11163871.4) 2011-04-27

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[51] **Int.Cl. H02B 1/00 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER PANEL**
[54] **PANNEAU DE DISJONCTEUR**
[72] MILLS, PATRICK W., US
[72] HANLEY, KEVIN F., US
[72] MCCORMICK, JAMES M., US
[72] BENSHOFF, RICHARD G., US
[71] EATON CORPORATION, US
[85] 2013-10-08
[86] 2012-04-13 (PCT/IB2012/000746)
[87] (WO2012/140499)
[30] US (13/086,442) 2011-04-14

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[13] A1

[51] **Int.Cl. C07K 14/245 (2006.01) C07K 5/037 (2006.01)**
[25] EN
[54] **COMPOUNDS BINDING TO THE BACTERIAL BETA RING**
[54] **COMPOSES SE LIANT A L'ANNEAU BETA BACTERIEN**
[72] BURNOUF, DOMINIQUE, FR
[72] STOTE, ANNICK, FR
[72] GUICHARD, GILLES, FR
[72] WAGNER, JEROME, FR
[72] OLIERIC, VINCENT, CH
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2013-10-08
[86] 2012-04-13 (PCT/IB2012/051840)
[87] (WO2012/140619)
[30] EP (11162733.7) 2011-04-15

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **MINIMIZE DOWNTIME WITH IMMEDIATE UPGRADE OF DATA IN DATABASES**
[54] **REDUCTION AU MINIMUM DE LA DUREE D'INDISPONIBILITE A L'AIDE DE LA MISE A NIVEAU IMMEDIATE DE DONNEES DANS DES BASES DE DONNEES**
[72] COVERSTON, SAM JASON, US
[72] ASHWORTH, SAMUEL WILLIAM, US
[72] WALSH, JEFFERSON BRIDGER, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2013-10-08
[86] 2012-06-07 (PCT/EP2012/060799)
[87] (WO2012/168363)
[30] US (13/154,603) 2011-06-07

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[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G01N 21/90 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR DETECTING AND/OR DETERMINING THE POSITION OF A BARRIER LAYER CONTAINED IN THE WALL OF A TUBULAR PACKAGING MATERIAL**
[54] **DISPOSITIF ET METHODE POUR LA DETECTION ET/OU LA DETERMINATION DE LA POSITION D'UNE COUCHE BARRIERE COMPRISE DANS LA PAROI D'UN EMBALLAGE EN FORME DE TUBE**
[72] MEDICO, LEONARD, CH
[71] AISAPACK HOLDING S.A., CH
[85] 2013-10-08
[86] 2012-04-04 (PCT/IB2012/051650)
[87] (WO2012/140546)
[30] EP (11162538.0) 2011-04-15

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[13] A1

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[25] EN
[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND METHOD FOR MAKING THE SAME**
[54] **PLANTES PRESENTANT DES CARACTERES LIES AU RENDEMENT AMELIORES ET PROCEDE POUR LES PRODUIRE**
[72] SANZ MOLINERO, ANA ISABEL, ES
[72] FRANKARD, VALERIE, BE
[72] VANDENABEELE, STEVEN, BE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2013-10-08
[86] 2012-04-18 (PCT/IB2012/051938)
[87] (WO2012/143865)
[30] US (61/478,067) 2011-04-22
[30] US (61/485,131) 2011-05-12

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[13] A1

[51] **Int.Cl. B32B 1/02 (2006.01) B29C 45/00 (2006.01) B32B 7/02 (2006.01) B65D 65/40 (2006.01)**
[25] FR
[54] **MULTILAYER PACKAGING STRUCTURE**
[54] **STRUCTURE MULTICOUCHE D'EMBALLAGE**
[72] MATHIEU, STEPHANE, FR
[72] PELLISSIER, JOACHIM, CH
[71] AISAPACK HOLDING S.A., CH
[85] 2013-10-08
[86] 2012-04-13 (PCT/IB2012/051816)
[87] (WO2012/140602)
[30] EP (11162559.6) 2011-04-15

[21] **2,832,700**
[13] A1

[51] **Int.Cl. C08K 5/521 (2006.01) C08L 23/00 (2006.01)**
[25] EN
[54] **ADDITIVES FOR HIGH-FLOW POLYMERS**
[54] **ADDITIFS POUR POLYMERES A HAUTE FLUIDITE**
[72] GERSTER, MICHELE, CH
[72] DABBOUS, RAPHAEL, CH
[71] BASF SE, DE
[85] 2013-10-08
[86] 2012-04-23 (PCT/IB2012/052034)
[87] (WO2012/147025)
[30] US (61/478954) 2011-04-26
[30] EP (11163666.8) 2011-04-26

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[13] A1

[51] **Int.Cl. C08L 23/34 (2006.01) B01F 17/42 (2006.01) C08J 3/07 (2006.01) C08K 5/098 (2006.01) C08L 71/02 (2006.01) C09J 11/06 (2006.01) C09J 123/34 (2006.01) C09J 161/12 (2006.01)**
[25] EN
[54] **CHLOROSULFONATED POLYETHYLENE LATEX**
[54] **LATEX DE POLYETHYLENE CHLOROSULFONE**
[72] SAKATA, JUN, JP
[72] MIYAZAKI, HIROMASA, JP
[72] MATSUKAWA, TAIJI, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2013-10-08
[86] 2012-04-02 (PCT/JP2012/058846)
[87] (WO2012/141020)
[30] JP (2011-087376) 2011-04-11

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[13] A1

[51] **Int.Cl. B61G 9/20 (2006.01)**
[25] EN
[54] **KEY RETAINER FOR RAILWAY CAR COUPLER**
[54] **DISPOSITIF DE RETENUE DE CLAVETTE POUR ATTELAGE DE WAGON FERROVIAIRE**
[72] BOMGARDNER, CHARLES T., US
[72] SOWDEN, IKE S., US
[72] MONCAYO, ANDRES PAUL MONTOYA, US
[71] STRATO, INC., US
[85] 2013-10-08
[86] 2012-03-27 (PCT/US2012/030688)
[87] (WO2012/148612)
[30] US (13/093,464) 2011-04-25

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[13] A1

[51] **Int.Cl. C12N 15/79 (2006.01) C12N 15/113 (2010.01) C12N 15/31 (2006.01) C12N 15/33 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **NITROGEN FIXATION GENE ISLAND SUITABLE FOR EXPRESSING IN PROKARYOTIC AND EUKARYOTIC SYSTEMS**
[54] **ILOT GENIQUE DE FIXATION D'AZOTE ADAPTE POUR L'EXPRESSION DANS DES SYSTEMES PROCARYOTES ET EUKARYOTES**
[72] WANG, XIA, CN
[72] YANG, JIANGUO, CN
[72] CHEN, LI, CN
[72] YANG, YUN, CN
[72] WANG, YIPING, CN
[71] PEKING UNIVERSITY, CN
[85] 2013-10-08
[86] 2012-03-21 (PCT/CN2012/072709)
[87] (WO2012/126367)
[30] CN (201110070755.5) 2011-03-23

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[21] **2,832,704**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 471/14 (2006.01) C07D 493/14 (2006.01)**

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[54] **TRI- AND TETRACYCLIC PYRAZOLO[3,4-B]PYRIDINE COMPOUNDS AS ANTINEOPLASTIC AGENT**

[54] **COMPOSES TRICYCLIQUES ET TETRACYCLIQUES DE PYRAZOLO[3,4-B]PYRIDINE EN TANT QU'AGENT ANTINEOPLASIQUE**

[72] RABOT, REMI, FR
[72] BEDJEGUELAL, KARIM, FR
[72] KALOUN, EL BACHIR, FR
[72] SCHMITT, PHILIPPE, FR
[72] RAHIER, NICOLAS, FR
[72] MAYER, PATRICE, FR
[72] FOURNIER, EMMANUEL, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2013-10-08
[86] 2012-04-12 (PCT/EP2012/056637)
[87] (WO2012/140114)
[30] FR (1153200) 2011-04-12

[21] **2,832,705**
[13] A1

[51] **Int.Cl. B65D 85/00 (2006.01) B65D 81/24 (2006.01)**

[25] EN

[54] **IMPROVED FLAT PACKAGING OF PETRI DISHES FOR PROLONGED PRESERVATION AND METHOD OF PRODUCING THE SAME**

[54] **EMBALLAGE PLAT AMELIORE DE BOITES DE PETRI POUR CONSERVATION PROLONGEE ET PROCEDE POUR SA PRODUCTION**

[72] BARNHIZER, BRET T., US
[71] BARNHIZER, BRET T., US
[85] 2013-10-08
[86] 2012-04-18 (PCT/US2012/034097)
[87] (WO2012/145408)
[30] US (61/476,738) 2011-04-18
[30] US (13/449,857) 2012-04-18

[21] **2,832,706**
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **MEDICATED MODULE ASSEMBLY WITH AUTOMATIC TRIGGER**

[54] **ENSEMBLE DE MODULE DE MEDICAMENTS A DECLenchEMENT AUTOMATIQUE**

[72] KOUYOUJIAN, GAREN, GB
[72] BOYD, MALCOLM STANLEY, GB
[72] MERCER, DAVID RICHARD, GB
[72] THUEER, THOMAS URS, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-10-08
[86] 2012-04-19 (PCT/EP2012/057158)
[87] (WO2012/143440)
[30] EP (11163394.7) 2011-04-21

[21] **2,832,707**
[13] A1

[51] **Int.Cl. H01R 9/24 (2006.01)**

[25] EN

[54] **TELECOMMUNICATIONS WIRING TERMINATION BLOCK**

[54] **BLOC DE TERMINAISON DE CABLAGE DE TELECOMMUNICATION**

[72] WEIKLE, OWEN B., US
[72] FREDRICKSON, RONALD L., US
[72] LARSSON, NICHOLAS B., US
[72] UTESCH, BRETT, US
[72] WAKILEH, GEORGE I., US
[71] COMMUNICATIONS SYSTEMS, INC., US
[85] 2013-10-07
[86] 2012-04-26 (PCT/US2012/035201)
[87] (WO2012/173702)
[30] US (61/479,113) 2011-04-26

[21] **2,832,708**
[13] A1

[51] **Int.Cl. G01N 25/58 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR THE MEASUREMENT OF THE MASS FRACTION OF WATER IN OIL-WATER MIXTURES**

[54] **PROCEDE ET APPAREIL DE MESURE DE LA FRACTION EN MASSE DE L'EAU DANS DES MELANGES HUILE-EAU**

[72] ESTRADA, HERBERT, US
[72] HASTINGS, CALVIN R., US
[72] AUGENSTEIN, DOANLD R., US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2013-10-08
[86] 2012-03-22 (PCT/US2012/030169)
[87] (WO2012/141866)
[30] US (13/066,354) 2011-04-13

[21] **2,832,709**
[13] A1

[51] **Int.Cl. A23L 1/00 (2006.01) A23L 1/18 (2006.01) A23L 1/217 (2006.01) A23P 1/08 (2006.01)**

[25] EN

[54] **HIGH PROTEIN, LOW-FAT CRISP SNACK PRODUCT**

[54] **PRODUIT D'EN-CAS CROUSTILLANT RICHE EN PROTEINES, PAUVRE EN GRAISSES**

[72] HYNES, MARK, IE
[72] MITCHELL, HERBERT BRENDAN, IE
[71] CARTON BROTHERS, IE
[85] 2013-10-08
[86] 2012-04-13 (PCT/EP2012/056770)
[87] (WO2012/140195)
[30] GB (1106299.9) 2011-04-14

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[21] **2,832,710**
[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01) A01N 43/36 (2006.01) A01N 51/00 (2006.01) A01N 63/04 (2006.01) A01P 5/00 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **METHOD FOR CONTROLLING NEMATODE PESTS**

[54] **PROCEDE DE LUTTE CONTRE LES PARASITES NEMATODES**

[72] PEDERSEN, PALLE, US

[72] WATRIN, CLIFFORD GEORGE, US

[72] OOSTENDORP, MICHAEL, CH

[72] DE OLIVEIRA, ANDRE LUIZ-FREITAS, CH

[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2013-10-09

[86] 2012-04-13 (PCT/EP2012/056796)

[87] (WO2012/140207)

[30] US (61/475,839) 2011-04-15

[21] **2,832,711**
[13] A1

[51] **Int.Cl. B01D 53/26 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DEHYDRATING A CO₂ CONTAINING GAS**

[54] **PROCEDE ET DISPOSITIF POUR LA DESHYDRATATION D'UN GAZ CONTENANT DU CO₂**

[72] IMAEV, SALAVAT ZAINETDINOVICH, RU

[72] DMITRIEV, LEONARD MAKAROVICH, RU

[71] VICTORIA CAPITAL INVESTMENTS GROUP LTD., CY

[85] 2013-10-08

[86] 2012-10-10 (PCT/EP2012/070029)

[87] (WO2013/057019)

[30] DE (10 2011 084 733.2) 2011-10-18

[21] **2,832,712**
[13] A1

[51] **Int.Cl. C07K 14/33 (2006.01) A61K 39/08 (2006.01) C07K 16/12 (2006.01)**

[25] EN

[54] **COMPOSITIONS RELATING TO A MUTANT CLOSTRIDIUM DIFFICILE TOXIN AND METHODS THEREOF**

[54] **COMPOSITIONS CONCERNANT UNE TOXINE MUTANTE DE CLOSTRIDIUM DIFFICILE ET PROCEDES ASSOCIES**

[72] SIDHU, MANINDER K., US

[72] ANDERSON, ANNALIESA SYBIL, US

[72] DONALD, ROBERT G. K., US

[72] JANSEN, KATHRIN UTE, US

[72] KALYAN, NARENDER K., US

[72] MININNI, TERRI L., US

[72] MORAN, JUSTIN KEITH, US

[72] RUPPEN, MARK E., US

[72] FLINT, MICHAEL JAMES, US

[71] WYETH LLC, US

[85] 2013-10-08

[86] 2012-04-20 (PCT/IB2012/051999)

[87] (WO2012/143902)

[30] US (61/478,474) 2011-04-22

[30] US (61/478,899) 2011-04-25

[21] **2,832,713**
[13] A1

[51] **Int.Cl. A61N 1/40 (2006.01) A61N 2/02 (2006.01) A61N 1/32 (2006.01)**

[25] EN

[54] **APPARATUS FOR THERAPEUTIC TREATMENT WITH PULSED RESONANT ELECTROMAGNETIC WAVES**

[54] **APPAREIL POUR UN TRAITEMENT THERAPEUTIQUE PAR DES ONDES ELECTROMAGNETIQUES RESONANTES PULSEES**

[72] CETRONI, BRUNO MASSIMO, IT

[71] THERESON S.P.A., IT

[85] 2013-10-08

[86] 2012-06-14 (PCT/IB2012/053006)

[87] (WO2012/172504)

[30] IT (TO2011A000527) 2011-06-15

[21] **2,832,714**
[13] A1

[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/326 (2006.01)**

[25] EN

[54] **OPERATION APPARATUS OF SUNLIGHT SHIELDING APPARATUS, LIFTING APPARATUS OF ROLL-UP BLIND AND OPERATION PULLEY**

[54] **DISPOSITIF D'ACTIONNEMENT POUR UN DISPOSITIF PARE-SOLEIL, DISPOSITIF DE LEVAGE POUR UN STORE, ET POULIE D'ACTIONNEMENT**

[72] KAWAI, EIJI, JP

[72] NAKAMURA, HAJIME, JP

[72] HADANO, YOSHIYUKI, JP

[72] OKAMURA, TADASHI, JP

[71] TACHIKAWA CORPORATION, JP

[85] 2013-10-08

[86] 2011-04-12 (PCT/JP2011/059113)

[87] (WO2011/129345)

[30] JP (2010-091737) 2010-04-12

[30] JP (2010-244700) 2010-10-29

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[21] **2,832,715**
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01) A61K 9/70 (2006.01)**

[25] EN

[54] **DUAL LANE COATING**

[54] **REVETEMENT A DOUBLES FILES**

[72] BOGUE, BEUFORD A., US

[71] MONOSOL RX, LLC, US

[71] MONOSOL RX, LLC, US

[85] 2013-10-08

[86] 2012-04-05 (PCT/US2012/032342)

[87] (WO2012/141972)

[30] US (13/084,681) 2011-04-12

[21] **2,832,716**
[13] A1

[51] **Int.Cl. F17C 13/00 (2006.01)**

[25] EN

[54] **BOIL-OFF GAS PROCESSING APPARATUS AND LIQUEFIED GAS TANK**

[54] **DISPOSITIF DE TRAITEMENT DE GAZ D'EVAPORATION ET RESERVOIR DE GAZ LIQUEFIE**

[72] AOKI, EIJI, JP

[71] JAPAN MARINE UNITED CORPORATION, JP

[85] 2013-10-08

[86] 2012-04-27 (PCT/JP2012/061423)

[87] (WO2012/150698)

[30] JP (2011-102884) 2011-05-02

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[21] **2,832,717**
[13] A1

[51] **Int.Cl. C08F 210/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING REACTOR POLYMERIZATION EFFLUENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EFFLUENT DE REACTEUR DE POLYMERISATION**
[72] MILLS, ANDREW J., US
[72] ROMIG, RALPH W., US
[72] LOH, JIXIAN X., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2013-10-08
[86] 2012-04-05 (PCT/US2012/032360)
[87] (WO2012/141974)
[30] US (13/085,212) 2011-04-12

[21] **2,832,718**
[13] A1

[51] **Int.Cl. C01B 13/11 (2006.01)**
[25] EN
[54] **OZONE GENERATION SYSTEM AND METHOD FOR OPERATING OZONE GENERATION SYSTEM**
[54] **SYSTEME DE PRODUCTION D'OZONE ET PROCEDE POUR LE FONCTIONNEMENT D'UN SYSTEME DE PRODUCTION D'OZONE**
[72] NAKATANI, HAJIME, JP
[72] TAMURA, TETSUYA, JP
[72] ESAKI, NORIMITSU, JP
[72] ODAI, YOSHIKI, JP
[72] TAKEDA, TOMOAKI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-10-08
[86] 2011-04-13 (PCT/JP2011/059170)
[87] (WO2012/140749)

[21] **2,832,719**
[13] A1

[51] **Int.Cl. A63B 23/02 (2006.01) A63B 23/025 (2006.01)**
[25] EN
[54] **HEALTH AID AND METHOD FOR TREATING PAIN**
[54] **DISPOSITIF D'AIDE A LA SANTE ET PROCEDE POUR LE TRAITEMENT DE LA DOULEUR**
[72] DAVIDOW, ROBERT, US
[72] BELL, STACEY, US
[72] DAVIDOW, HIROKO, US
[72] SHEALY, JOHNNY, US
[71] SHARE SOLUTIONS, LLC, US
[85] 2013-10-08
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[87] (WO2013/066391)
[30] US (61/473,416) 2011-04-08

[21] **2,832,720**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **PRESSURE AND FLOW CONTROL IN DRILLING OPERATIONS**
[54] **COMMANDE DE PRESSION ET D'ECOULEMENT DANS DES OPERATIONS DE FORAGE**
[72] BERNARD, CHRISTOPHER J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-08
[86] 2011-05-09 (PCT/US2011/035751)
[87] (WO2012/154167)

[21] **2,832,721**
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01) F21V 5/04 (2006.01)**
[25] EN
[54] **LED ARRAY LIGHTING ASSEMBLY**
[54] **ENSEMBLE D'ECLAIRAGE A BARRETTE DE DEL**
[72] TICKTIN, PETER, US
[71] BRITE SHOT, INC., US
[85] 2013-10-08
[86] 2012-04-07 (PCT/US2012/032660)
[87] (WO2012/148651)
[30] US (61/473,576) 2011-04-08
[30] US (61/553,011) 2011-10-28

[21] **2,832,723**
[13] A1

[51] **Int.Cl. G01V 1/04 (2006.01)**
[25] EN
[54] **TWO-COMPONENT SOURCE SEISMIC ACQUISITION AND SOURCE DE-GHOSTING**
[54] **ACQUISITION SISMIQUE AU MOYEN DE DEUX SOURCES ET SUPPRESSIONS DES ONDES PARASITES DES SOURCES**
[72] MEIER, MARK A., US
[72] DUREN, RICHARD E., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-10-08
[86] 2012-03-09 (PCT/US2012/028544)
[87] (WO2012/154294)
[30] US (61/485,437) 2011-05-12

[21] **2,832,725**
[13] A1

[51] **Int.Cl. B60L 5/24 (2006.01) B60L 9/18 (2006.01) B60L 11/02 (2006.01)**
[25] EN
[54] **TRANSPORT VEHICLE EQUIPPED WITH CURRENT COLLECTOR**
[54] **VEHICULE DE TRANSPORT A COLLECTEUR DE COURANT**
[72] TOJIMA, MASANORI, JP
[72] YAMASHITA, KOUICHI, JP
[72] SUDOU, TSUGIO, JP
[72] TAKEDA, KOJI, JP
[71] KOMATSU LTD., JP
[85] 2013-10-08
[86] 2012-05-09 (PCT/JP2012/061916)
[87] (WO2012/153782)
[30] JP (2011-105744) 2011-05-10

[21] **2,832,726**
[13] A1

[51] **Int.Cl. E21B 10/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REAMING WELL BORE SURFACES NEARER THE CENTER OF DRIFT**
[54] **PROCEDE ET APPAREIL POUR ALESER DES SURFACES DE PUIITS DE FORAGE PLUS PRES DU CENTRE DE DERIVE**
[72] ISENHOUR, JAMES DANIEL, US
[71] 3CREAMERS, LLC, US
[85] 2013-10-08
[86] 2012-04-09 (PCT/US2012/032714)
[87] (WO2013/106048)
[30] US (61/473,587) 2011-04-08

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[13] A1

[51] **Int.Cl. E21B 7/132 (2006.01) B63B 35/44 (2006.01) E21B 15/02 (2006.01)**
[25] EN
[54] **OFFSHORE FLUID TRANSFER SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSFERT DE FLUIDES OFFSHORE**
[72] BLALOCK, DOUGLAS PAUL, US
[72] EGGERT, STEVE, US
[72] NGUYEN, CHAU, US
[72] SHEPHERD, PAUL, US
[72] SMITH, TREVOR PAUL DEAON, US
[72] STEELE, GRAEME, US
[72] WILKINSON, DAVID, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-10-08
[86] 2012-04-19 (PCT/US2012/034309)
[87] (WO2012/148782)
[30] US (61/480,368) 2011-04-28

[21] **2,832,728**
[13] A1

[51] **Int.Cl. B60L 5/24 (2006.01) B60L 9/18 (2006.01) B60L 11/02 (2006.01)**
[25] EN
[54] **TRANSPORT VEHICLE EQUIPPED WITH CURRENT COLLECTOR**
[54] **VEHICULE DE TRANSPORT A COLLECTEUR DE COURANT**
[72] TOJIMA, MASANORI, JP
[72] YAMASHITA, KOUICHI, JP
[72] SUDOU, TSUGIO, JP
[72] TAKEDA, KOJI, JP
[71] KOMATSU LTD., JP
[85] 2013-10-08
[86] 2012-05-09 (PCT/JP2012/061917)
[87] (WO2012/153783)
[30] JP (2011-105745) 2011-05-10

[21] **2,832,729**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01)**
[25] EN
[54] **WEARABLE AUTOMATIC INJECTION DEVICE FOR CONTROLLED ADMINISTRATION OF THERAPEUTIC AGENTS**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE PORTABLE POUR ADMINISTRATION CONTROLEE D'AGENTS THERAPEUTIQUES**
[72] ANDERSON, PHILIP D., US
[72] JULIAN, JOSEPH F., US
[72] LAURUSONIS, LINAS P., US
[72] CORRIGAN, SEAN, US
[72] STRAHM, CHRIS, US
[72] MATUSAITIS, TOMAS, US
[72] FIENUP, WILLIAM, US
[71] ABBVIE INC., US
[85] 2013-10-08
[86] 2012-04-23 (PCT/US2012/034683)
[87] (WO2012/145752)
[30] US (61/478,039) 2011-04-21

[21] **2,832,730**
[13] A1

[51] **Int.Cl. B29C 47/06 (2006.01)**
[25] EN
[54] **MULTI-LAYERED FILMS WITH VISUALLY-DISTINCT REGIONS AND METHODS OF MAKING THE SAME**
[54] **FILMS MULTICOUCHES POSSEDANT DES REGIONS VISUELLEMENT DISTINCTES ET PROCEDES DE FABRICATION DE CES FILMS**
[72] DORSEY, ROBERT T., US
[72] BORCHARDT, MICHAEL G., US
[71] THE GLAD PRODUCTS COMPANY, US
[85] 2013-10-08
[86] 2012-04-24 (PCT/US2012/034823)
[87] (WO2012/148921)
[30] US (61/478,643) 2011-04-25
[30] US (13/454,474) 2012-04-24

[21] **2,832,731**
[13] A1

[51] **Int.Cl. A61L 27/24 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **METHOD FOR ENZYMATIC TREATMENT OF TISSUE PRODUCTS**
[54] **PROCEDE DE TRAITEMENT ENZYMATIQUE DE PRODUITS TISSULAIRES**
[72] CHEN, YI, US
[71] LIFECCELL CORPORATION, US
[85] 2013-10-08
[86] 2012-04-27 (PCT/US2012/035361)
[87] (WO2012/149253)
[30] US (61/479,937) 2011-04-28

[21] **2,832,732**
[13] A1

[51] **Int.Cl. E04G 21/32 (2006.01) E04F 10/08 (2006.01) E04F 11/18 (2006.01) E06B 9/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE SAFETY BARRIER SYSTEM**
[54] **SYSTEME DE BARRIERE DE SECURITE REGLABLE**
[72] VARVARIS, NICOLAOS, AU
[71] LIVE EDGE IP PTY LTD, AU
[85] 2013-10-09
[86] 2012-04-10 (PCT/AU2012/000360)
[87] (WO2012/139154)
[30] AU (2011901317) 2011-04-11

[21] **2,832,733**
[13] A1

[51] **Int.Cl. C08C 19/00 (2006.01)**
[25] EN
[54] **ALKALI & ALKALINE EARTH THIADIAZOLE ADDITIVES AND LUBRICATING COMPOSITIONS CONTAINING THE SAME**
[54] **ADDITIFS DE THIADIAZOLE ALCALINS ET ALCALINO-TERREUX ET COMPOSITIONS LUBRIFIANTES COMPRENANT CEUX-CI**
[72] TEPPER, RONALD J., US
[72] AGUILAR, GASTON A., US
[71] VANDERBILT CHEMICALS, LLC, US
[85] 2013-10-08
[86] 2012-05-04 (PCT/US2012/036548)
[87] (WO2012/154570)
[30] US (61/483,916) 2011-05-09

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[21] **2,832,734**
[13] A1

[51] **Int.Cl. C05F 11/00 (2006.01) C01B 17/74 (2006.01) C05B 11/08 (2006.01) C05C 3/00 (2006.01) C05D 1/00 (2006.01) C05D 9/00 (2006.01) C10J 3/00 (2006.01)**

[25] EN

[54] **CONVERSION OF ACID GAS TO SULPHATE OR PHOSPHATE-BASED FERTILIZERS**

[54] **CONVERSION DE GAZ ACIDE EN ENGRAIS A BASE DE SULFATE OU DE PHOSPHATE**

[72] IYER, SATISH, CA
[72] KNOLL, RICK, CA
[72] PEDERSEN, ERIC, CA
[71] SULVARIS INC., CA
[85] 2013-10-09
[86] 2012-04-20 (PCT/CA2012/000377)
[87] (WO2012/142704)
[30] CA (2,737,825) 2011-04-20

[21] **2,832,735**
[13] A1

[51] **Int.Cl. C07K 14/16 (2006.01) A61K 39/21 (2006.01) A61K 47/42 (2006.01)**

[25] EN

[54] **METHOD OF INDUCING NEUTRALIZING ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS**

[54] **PROCEDE D'INDUCTION D'ANTICORPS NEUTRALISANTS DIRIGES CONTRE LE VIRUS DE L'IMMUNODEFICIENCE HUMAINE**

[72] SPICER, LEONARD D., US
[72] REARDON, PATRICK N., US
[72] HAYNES, BARTON F., US
[72] ALAM, S. MUNIR, US
[71] DUKE UNIVERSITY, US
[85] 2013-10-08
[86] 2012-04-09 (PCT/US2012/032717)
[87] (WO2012/139097)
[30] US (13/083,466) 2011-04-08

[21] **2,832,736**
[13] A1

[51] **Int.Cl. A61F 13/534 (2006.01)**

[25] EN

[54] **ABSORBENT MEMBERS HAVING DENSITY PROFILE**

[54] **ELEMENTS ABSORBANT AYANT DES PROFILS DE DENSITE**

[72] MARINELLI, LUIGI, IT
[72] LAKE, KIRK WALLACE, US
[72] ORR, JILL MARLENE, US
[72] WEISMAN, PAUL THOMAS, US
[72] PRIESSMAN, KEITH ROBERT, US
[72] CIMINI, CARMINE, IT
[72] DI PILLA, MARIO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-10-08
[86] 2012-04-25 (PCT/US2012/034860)
[87] (WO2012/148944)
[30] US (13/094,265) 2011-04-26

[21] **2,832,737**
[13] A1

[51] **Int.Cl. A61F 13/534 (2006.01)**

[25] EN

[54] **ABSORBENT MEMBERS HAVING SKEWED DENSITY PROFILE**

[54] **ELEMENTS ABSORBANT AYANT UN PROFIL DE DENSITE EN BIAIS**

[72] MARINELLI, LUIGI, IT
[72] LAKE, KIRK WALLACE, US
[72] ORR, JILL MARLENE, US
[72] WEISMAN, PAUL THOMAS, US
[72] PRIESSMAN, KEITH ROBERT, US
[72] CIMINI, CARMINE, IT
[72] DI PILLA, MARIO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-10-08
[86] 2012-04-25 (PCT/US2012/034935)
[87] (WO2012/148978)
[30] US (13/094,279) 2011-04-26

[21] **2,832,738**
[13] A1

[51] **Int.Cl. C07K 16/08 (2006.01) A61K 39/42 (2006.01) A61P 31/22 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**

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[54] **HERPES SIMPLEX VIRUS**

[54] **VIRUS DE L'HERPES SIMPLEX**

[72] HAYNES, BARTON F., US
[72] LIAO, HUA-XIN, US
[72] MOODY, M. ANTHONY, US
[72] TOMARAS, GEORGIA D., US
[72] KIM, JEROME, US
[72] MICHAEL, NELSON, US
[71] DUKE UNIVERSITY, US
[71] THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY, ON BEHALF WALTER REED ARMY INSTITUTE OF RESEARCH, US
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[86] 2012-04-09 (PCT/US2012/032743)
[87] (WO2012/139106)
[30] US (61/473,543) 2011-04-08

[21] **2,832,739**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/705 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **NOVEL FUSION PARTNERS FOR THE PURPOSE OF CRYSTALLIZING G-PROTEIN COUPLED RECEPTORS**

[54] **PARTENAIRES DE FUSION INEDITS UTILISABLES EN VUE DE LA CRISTALLISATION DES RECEPTEURS COUPLES AUX PROTEINES G**

[72] HANSON, MICHAEL A., US
[72] ROTH, CHRISTOPHER B., US
[72] STEVENS, RAYMOND C., US
[72] KUNKEN, JOSHUA M., US
[72] GRIFFITH, MARK T., US
[72] THOMPSON, AARON A., US
[72] LIU, WEI, US
[72] XU, FEI, US
[72] KATRITCH, VSEVOLOD, US
[71] RECEPTOS, INC., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2013-10-08
[86] 2012-05-11 (PCT/US2012/037622)
[87] (WO2012/158555)
[30] US (61/485,872) 2011-05-13
[30] US (61/618,424) 2012-03-30

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[21] **2,832,740**
[13] A1

[51] **Int.Cl. B62D 55/18 (2006.01)**
[25] EN
[54] **SEGMENTED TRACK AND TRACK SEGMENT THEREFOR**
[54] **CHENILLE SEGMENTEE ET SEGMENT DE CHENILLE ASSOCIE**
[72] ST-PIERRE, YVES, CA
[72] MARCOTTE, TOMMY, CA
[72] BLOUIN, VINCENT, CA
[72] LUSSIER, ROMEO, CA
[72] LEBLANC, MARC-ANTOINE, CA
[72] ROY, DANNY, CA
[72] DUQUETTE, FRANCOIS, CA
[71] SOUCY INTERNATIONAL INC., CA
[85] 2013-10-09
[86] 2012-04-19 (PCT/CA2012/000400)
[87] (WO2012/142705)
[30] US (61/476,808) 2011-04-19

[21] **2,832,741**
[13] A1

[51] **Int.Cl. C07C 29/157 (2006.01) B01J 23/40 (2006.01) C07C 31/26 (2006.01)**
[25] EN
[54] **GENERATION OF POLYOLS FROM SACCHARIDES**
[54] **OBTENTION DE POLYOLS A PARTIR DE SACCHARIDES**
[72] CHEN, JOHN Q., US
[72] KALNES, TOM N., US
[72] KOCAL, JOSEPH A., US
[71] UOP LLC, US
[85] 2013-10-08
[86] 2012-07-03 (PCT/US2012/045343)
[87] (WO2013/015955)
[30] US (13/192,907) 2011-07-28
[30] US (13/192,970) 2011-07-28

[21] **2,832,742**
[13] A1

[51] **Int.Cl. A47G 9/10 (2006.01) A47G 9/00 (2006.01)**
[25] EN
[54] **PILLOW**
[54] **COUSSIN**
[72] ABDO, JOHN S., US
[71] ABDO, JOHN S., US
[85] 2013-10-08
[86] 2012-04-09 (PCT/US2012/032745)
[87] (WO2013/101284)
[30] US (61/473,560) 2011-04-08

[21] **2,832,743**
[13] A1

[51] **Int.Cl. B29C 65/56 (2006.01) B64D 29/06 (2006.01) F01D 25/24 (2006.01) F02C 7/00 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **MOLDED PART**
[54] **ARTICLE MOULE**
[72] HARADA, TAKASHI, JP
[72] SHIGENARI, YU, JP
[72] INAGAKI, KOICHI, JP
[72] TANAKA, AGAMU, JP
[72] ISHIGURE, TADAHIRO, JP
[71] IHI CORPORATION, JP
[71] IHI AEROSPACE CO., LTD., JP
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[86] 2012-04-25 (PCT/JP2012/061105)
[87] (WO2012/147802)
[30] JP (2011-098337) 2011-04-26

[21] **2,832,744**
[13] A1

[51] **Int.Cl. C07C 209/48 (2006.01) C07C 211/12 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR THE PRODUCTION OF HEXAMETHYLENEDIAMINE**
[54] **PROCEDE AMELIORE DE PRODUCTION DE L'HEXAMETHYLENEDIAMINE**
[72] CRIPPA, TOMMASO, IT
[72] ALINI, STEFANO, IT
[72] GUIDA, LUCIANO, IT
[72] CORONA, ALBERTO, IT
[71] RADICI CHIMICA S.P.A., IT
[85] 2013-10-09
[86] 2011-04-15 (PCT/EP2011/055996)
[87] (WO2012/139652)

[21] **2,832,745**
[13] A1

[51] **Int.Cl. B60R 21/2338 (2011.01) B60R 21/235 (2006.01)**
[25] EN
[54] **ONE-PIECE WOVEN AIRBAG**
[54] **COUSSIN DE SECURITE GONFLABLE TISSE D'UNE SEULE PIECE**
[72] BECKER, MICHAEL, DE
[72] ENDERLEIN, ANDREAS, DE
[71] GLOBAL SAFETY TEXTILES GMBH, DE
[85] 2013-10-09
[86] 2012-03-16 (PCT/EP2012/001188)
[87] (WO2012/139696)
[30] DE (10 2011 017 207.6) 2011-04-15

[21] **2,832,746**
[13] A1

[51] **Int.Cl. A23J 3/04 (2006.01) A23J 3/26 (2006.01) A23K 1/00 (2006.01) A23K 1/10 (2006.01) A23L 1/00 (2006.01) A23L 1/317 (2006.01) A23P 1/12 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A MEAT-LIKE PRODUCT**
[54] **PROCEDE POUR LA PRODUCTION D'UN PRODUIT DE TYPE VIANDE**
[72] OXBOLL, OLE, DK
[72] JORGENSEN, THOMAS, DK
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2013-10-09
[86] 2012-04-04 (PCT/EP2012/001485)
[87] (WO2012/139725)
[30] EP (11003064.0) 2011-04-12

[21] **2,832,747**
[13] A1

[51] **Int.Cl. H02P 29/02 (2006.01) H02P 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FAST START-UP OF AN INDUCTION MOTOR**
[54] **SYSTEME ET PROCEDE POUR LE DEMARRAGE RAPIDE D'UN MOTEUR A INDUCTION**
[72] YU, ANBO, CN
[72] ZHANG, LEI, CN
[72] LEE, KEVIN, US
[71] EATON CORPORATION, US
[85] 2013-10-08
[86] 2012-04-10 (PCT/US2012/032841)
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[21] **2,832,748**
[13] A1

[51] **Int.Cl. E05B 17/00 (2006.01)**
[25] EN
[54] **DOUBLE RATCHET, DOUBLE PAWL VEHICULAR LATCH WITH SOFT STOP ON RESET**
[54] **VERROUILLAGE DE VEHICULE A DOUBLE ROCHET ET A DOUBLE LINGUET AVEC ARRET DOUX AU MOMENT DU REENCLenchEMENT**
[72] TAURASI, MARCO, IT
[72] CUMBO, FRANCESCO, IT
[71] MAGNA CLOSURES S.P.A., IT
[85] 2013-10-09
[86] 2012-05-25 (PCT/EP2012/002238)
[87] (WO2012/163503)
[30] US (61/490, 875) 2011-05-27

[21] **2,832,749**
[13] A1

[51] **Int.Cl. G06T 5/00 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING QUANTITATIVE VIDEO-MICROSCOPY AND ASSOCIATED SYSTEM**
[54] **PROCEDE DE PREPARATION DE MICROSCOPIE VIDEO QUANTITATIVE ET SYSTEME ASSOCIE**
[72] MARCELPOIL, RAPHAEL RODOLPHE, FR
[72] ORNY, CEDRICK RENE, FR
[71] TRIPATH IMAGING, INC., US
[85] 2013-10-08
[86] 2012-04-11 (PCT/US2012/033053)
[87] (WO2012/142111)
[30] US (61/474,514) 2011-04-12

[21] **2,832,750**
[13] A1

[51] **Int.Cl. G21G 1/00 (2006.01) H05H 6/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF TECHNETIUM FROM A MOLYBDENUM METAL TARGET**
[54] **PRODUCTION DE TECHNETIUM A PARTIR D'UNE CIBLE EN MOLYBDENE METALLIQUE**
[72] WILSON, JOHN, CA
[72] GAGNON, KATHERINE, CA
[72] MCQUARRIE, STEPHEN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2013-10-09
[86] 2012-04-10 (PCT/CA2012/050230)
[87] (WO2012/139220)
[30] US (61/473,795) 2011-04-10

[21] **2,832,751**
[13] A1

[51] **Int.Cl. F25D 17/06 (2006.01) F25D 17/04 (2006.01)**
[25] EN
[54] **FAST FREEZING SYSTEM AND REFRIGERATION APPLIANCE USING SUCH SYSTEM**
[54] **SYSTEME DE CONGELATION RAPIDE ET UN APPAREIL FRIGORIFIQUE UTILISANT UN TEL SYSTEME**
[72] VANELLI, MATTEO, IT
[72] MATHUR, UDAY, IT
[72] OLIVANI, ANDREA, IT
[72] VAN DILLEN, TIEMEN, IT
[71] WHIRPOOL CORPORATION, US
[85] 2013-10-09
[86] 2012-03-29 (PCT/EP2012/055729)
[87] (WO2012/156142)
[30] EP (11166170.8) 2011-05-16

[21] **2,832,752**
[13] A1

[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] EN
[54] **INFORMATION SECURITY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SECURITE D'INFORMATIONS**
[72] CAREY, W. KNOX, US
[72] NILSSON, JARL, US
[71] INTERTRUST TECHNOLOGIES CORPORATION, US
[85] 2013-10-08
[86] 2012-04-11 (PCT/US2012/033150)
[87] (WO2012/142178)
[30] US (61/474,212) 2011-04-11

[21] **2,832,753**
[13] A1

[51] **Int.Cl. G21B 1/00 (2006.01)**
[25] EN
[54] **CONTINUOUS FUSION DUE TO ENERGY CONCENTRATION THROUGH FOCUSING OF CONVERGING FUEL PARTICLE BEAMS**
[54] **FUSION CONTINUE DUE A LA CONCENTRATION D'ENERGIE PAR FOCALISATION DE FAISCEAUX CONVERGENTS DE PARTICULES DE COMBUSTIBLE**
[72] ZHENG, XIAN-JUN, CA
[71] ZHENG, XIAN-JUN, CA
[85] 2013-10-09
[86] 2012-06-11 (PCT/CA2012/050392)
[87] (WO2012/167387)
[30] US (61/495,481) 2011-06-10
[30] US (13/402,111) 2012-02-22

[21] **2,832,754**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/20 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENABLING MERCHANTS TO SHARE TOKENS**
[54] **PROCEDE ET SYSTEME PERMETTANT A DES MERCHANTS DE PARTAGER DES JETONS**
[72] CRONIC, KEVIN JAMES, US
[72] SOMMERS, STEVEN MARK, US
[72] ODER II, JOHN DAVID, US
[72] ODER, JOHN DAVID, US
[72] CALANDRELLI, STEVEN, US
[72] FRIED, JEREMY B., US
[71] SHIFT4 CORPORATION, US
[85] 2013-10-08
[86] 2012-04-13 (PCT/US2012/033457)
[87] (WO2012/142370)
[30] US (61/476,194) 2011-04-15
[30] US (13/303,983) 2011-11-23
[30] US (61/621,222) 2012-04-06

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[13] A1

[51] **Int.Cl. A61F 13/511 (2006.01)**
[25] EN
[54] **DEFORMED WEB MATERIALS**
[54] **MATERIAUX TOILE DEFORMES**
[72] HAMMONS, JOHN LEE, US
[72] ORR, JILL MARLENE, US
[72] CURRO, JOHN JOSEPH, US
[72] STRUBE, JOHN BRIAN, US
[72] STONE, KEITH JOSEPH, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2013-10-08
[86] 2012-04-25 (PCT/US2012/034937)
[87] (WO2012/148980)
[30] US (13/094,185) 2011-04-26

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[13] A1

[51] **Int.Cl. A61N 1/372 (2006.01) A61N**
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[25] EN
[54] **USER INTERFACE WITH VIEW**
FINDER FOR LOCALIZING
ANATOMICAL REGION
[54] **INTERFACE D'UTILISATEUR**
AVEC VISEUR POUR LOCALISER
UNE REGION ANATOMIQUE
[72] LUI, MUN POOK, US
[72] KOTHANDARAMAN, SRIDHAR, US
[72] KIM, CHESTER, US
[71] BOSTON SCIENTIFIC
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CORPORATION, US
[85] 2013-10-08
[86] 2012-04-13 (PCT/US2012/033526)
[87] (WO2012/142416)
[30] US (61/474,884) 2011-04-13
[30] US (13/445,179) 2012-04-12

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[13] A1

[51] **Int.Cl. E21B 43/01 (2006.01)**
[25] EN
[54] **SUBSEA ACCUMULATOR**
SYSTEM
[54] **SYSTEME ACCUMULATEUR**
SOUS-MARIN
[72] FUSELIER, JAMES EDWARD, US
[72] GUTIERREZ, DANIEL, US
[72] GUTIERREZ, LUIS JAVIER, US
[71] BP CORPORATION NORTH
AMERICA INC., US
[85] 2013-10-08
[86] 2012-04-26 (PCT/US2012/035274)
[87] (WO2012/149202)
[30] US (61/479,308) 2011-04-26

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[13] A1

[51] **Int.Cl. A61K 31/41 (2006.01) A61K**
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(2006.01) A61P 9/12 (2006.01)
[25] EN
[54] **ANTIHYPERTENSIVE**
PHARMACEUTICAL
COMPOSITION
[54] **COMPOSITION**
PHARMACEUTIQUE
ANTIHYPERTENSIVE
[72] KIM, SEUNG HO, KR
[72] KIM, JI HAN, KR
[72] YU, KYUNG SANG, KR
[72] JANG, IN JIN, KR
[72] SHIN, SANG GOO, KR
[72] YOON, SEO HYUN, KR
[72] CHO, JOO YOUN, KR
[72] KIM, TAE EUN, KR
[72] YI, SO JEONG, KR
[72] PAIK, SOO HEUI, KR
[72] CHI, YONG HA, KR
[72] LEE, JOO HAN, KR
[72] NAM, KYUNG WAN, KR
[72] KIM, JE HAK, KR
[71] BORYUNG PHARMACEUTICAL
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[85] 2013-10-08
[86] 2011-08-08 (PCT/KR2011/005754)
[87] (WO2012/141385)
[30] KR (10-2011-0033856) 2011-04-12

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[13] A1

[51] **Int.Cl. B01L 7/00 (2006.01)**
[25] EN
[54] **THERMAL CYCLER WITH**
VAPOR CHAMBER FOR RAPID
TEMPERATURE CHANGES
[54] **THERMOCYCLEUR**
COMPRENANT UNE CHAMBRE A
VAPEUR POUR DES
CHANGEMENTS RAPIDES DE
TEMPERATURE
[72] GUO, KUN, US
[72] CHU, DANIEL Y., US
[72] PATT, PAUL J., US
[72] SADRI, AMIR, CA
[72] TONG, ROGER, US
[71] BIO-RAD LABORATORIES, INC., US
[85] 2013-10-08
[86] 2012-05-01 (PCT/US2012/036006)
[87] (WO2012/154453)
[30] US (61/483,439) 2011-05-06

[21] **2,832,760**
[13] A1

[51] **Int.Cl. F25D 17/04 (2006.01)**
[25] EN
[54] **FRUITS AND VEGETABLES**
COMPARTMENT OF A
REFRIGERATOR WITH MEANS
FOR PRESERVING FRESHNESS
[54] **COMPARTIMENT POUR FRUITS**
ET LEGUMES D'UN
REFRIGERATEUR AYANT DES
MOYENS PERMETTANT DE
PRESERVER LA FRAICHEUR
[72] BIOTTI, CAROLINA, IT
[72] SOTO, CRISTIAN, IT
[71] WHIRLPOOL CORPORATION, US
[71] GOODEN, COREY, IT
[85] 2013-10-09
[86] 2012-03-30 (PCT/EP2012/055778)
[87] (WO2012/156144)
[30] EP (11166614.5) 2011-05-18

[21] **2,832,761**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N**
33/564 (2006.01)
[25] EN
[54] **IMMUNODIAGNOSTIC METHOD**
FOR DIAGNOSING AUTO-
IMMUNE SYSTEMIC SCLEROSIS
(SSC) AND SYSTEMIC LUPUS
ERYTHEMATOSUS (SLE)
[54] **PROCEDE**
D'IMMUNODIAGNOSTIC
DESTINE A DIAGNOSTIQUER LA
SCLEROSE SYSTEMIQUE AUTO-
IMMUNE (SSC) ET LE LUPUS
ERYTHEMATEUX DISSEMINÉ
(SLE)
[72] CURCIO, FRANCESCO, IT
[72] CATTARUZZI, GIACOMO, IT
[72] MORETTI, MASSIMO, IT
[72] VITRANI, FRANCESCO, IT
[72] SCORZA, RAFFAELLA, IT
[71] VIVABIOCELL S.P.A., IT
[85] 2013-10-09
[86] 2012-04-13 (PCT/EP2012/056800)
[87] (WO2012/140209)
[30] US (61/475,907) 2011-04-15

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[21] **2,832,762**
[13] A1

[51] **Int.Cl. B01F 17/00 (2006.01)**
[25] EN
[54] **LIQUID PRODUCTS AND METHOD FOR EMULSIFYING OIL, AND USE THEREOF IN THE TREATMENT OF OIL CONTAMINATIONS**
[54] **PRODUITS LIQUIDES ET PROCEDE D'EMULSIFICATION D'HUILE, ET LEUR UTILISATION DANS LE TRAITEMENT DE CONTAMINATIONS PAR DES HUILES**
[72] BELENKO, EVGENY
VLADIMIROVITCH, RU
[71] MAN OIL GROUP AG, CH
[85] 2013-10-09
[86] 2012-04-13 (PCT/EP2012/056860)
[87] (WO2012/140248)
[30] EP (11162199.1) 2011-04-13

[21] **2,832,763**
[13] A1

[51] **Int.Cl. C07D 215/42 (2006.01) A61K 31/4706 (2006.01) A61K 31/4709 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 215/44 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **TETRAHYDROQUINOLINE DERIVATIVES USEFUL AS BROMODOMAIN INHIBITORS**
[54] **DERIVES DE TETRAHYDROQUINOLINE UTILES COMME INHIBITEURS DE BROMODOMAINE**
[72] AMANS, DOMINIQUE, GB
[72] DEMONT, EMMANUEL HUBERT, GB
[72] MITCHELL, DARREN JASON, GB
[72] WATSON, ROBERT J., GB
[71] GLAXOSMITHKLINE LLC, US
[85] 2013-10-09
[86] 2012-04-19 (PCT/EP2012/057111)
[87] (WO2012/143413)
[30] GB (1106743.6) 2011-04-21

[21] **2,832,766**
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/31 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **MEDICATED MODULE FOR A DRUG DELIVERY DEVICE**
[54] **MODULE A MEDICAMENT POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] YOUNG, ALASDAIR GEORGE, GB
[72] DE SAUSMAREZ LINTELL, DANIEL THOMAS, GB
[72] MERCER, DAVID RICHARD, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-10-09
[86] 2012-04-19 (PCT/EP2012/057159)
[87] (WO2012/143441)
[30] EP (11163400.2) 2011-04-21

[21] **2,832,767**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **A SET OF DENTAL COMPONENTS**
[54] **ENSEMBLE DE COMPOSANTS DENTAIRE**
[72] DAHLSTROM, MATTIAS, SE
[72] HALLDIN, ANDERS, SE
[71] DENTSPLY IH AB, SE
[85] 2013-10-09
[86] 2012-04-19 (PCT/EP2012/057216)
[87] (WO2012/143475)
[30] EP (11163215.4) 2011-04-20
[30] US (61/477,332) 2011-04-20

[21] **2,832,783**
[13] A1

[51] **Int.Cl. A61K 31/315 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **ZINC N-ACETYL TAURINATE FOR THE TREATMENT OF PROSTATE CANCER**
[54] **N-ACETYL-TAURINATE DE ZINC POUR LE TRAITEMENT DU CANCER DE LA PROSTATE**
[72] DURLACH, JEAN PIERRE, FR
[71] TRI-NOV, FR
[85] 2013-10-08
[86] 2012-04-05 (PCT/FR2012/050739)
[87] (WO2012/136937)
[30] FR (1153055) 2011-04-08

[21] **2,832,785**
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **IMPROVED LIMIT COLLAR**
[54] **ANNEAU LIMITE AMELIORE**
[72] LEVIE, WILLIAM IAIN ELDER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-09
[86] 2012-04-25 (PCT/GB2012/000382)
[87] (WO2012/146892)
[30] US (13/093,242) 2011-04-25

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61P 35/00 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **CHROMENONE COMPOUNDS AS PI 3 - KINASE INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **COMPOSES DE CHROMENOME EN TANT QU'INHIBITEURS DE PI3-KINASE DESTINES AU TRAITEMENT DU CANCER**
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] DEGORCE, SEBASTIEN LOUIS, GB
[72] LAMBERT-VAN DER BREMPT, CHRISTINE MARIE PAUL, GB
[72] LOHMANN, JEAN-JACQUES MARCEL, GB
[72] PLE, PATRICK, GB
[71] ASTRAZENECA AB, SE
[85] 2013-10-09
[86] 2012-04-12 (PCT/GB2012/050793)
[87] (WO2012/140419)
[30] EP (11290187.1) 2011-04-13

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[13] A1

[51] **Int.Cl. B67D 7/32 (2010.01) B67D 7/04 (2010.01)**
[25] EN
[54] **AUTOMATIC SUPPLY SYSTEM FOR CONSUMABLE MATERIAL**
[54] **SYSTEME D'ALIMENTATION AUTOMATIQUE POUR MATIERES CONSOMMABLES**
[72] TOJIMA, MASANORI, JP
[72] YAMASHITA, KOUICHI, JP
[72] SUDOU, TSUGIO, JP
[72] TAKEDA, KOJI, JP
[71] KOMATSU LTD., JP
[85] 2013-10-08
[86] 2012-05-09 (PCT/JP2012/061824)
[87] (WO2012/153753)
[30] JP (2011-105746) 2011-05-10

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[13] A1

[51] **Int.Cl. B65B 59/00 (2006.01) B65B 43/42 (2006.01)**
[25] EN
[54] **FORMAT ADJUSTMENT DEVICE**
[54] **DISPOSITIF D'AJUSTEMENT DE FORMATS**
[72] FRANK, ALEXANDER, CH
[71] ROBERT BOSCH GMBH, DE
[85] 2013-10-09
[86] 2012-03-30 (PCT/EP2012/055863)
[87] (WO2012/139907)
[30] DE (10 2011 007 488.0) 2011-04-15

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[13] A1

[51] **Int.Cl. C11D 17/00 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **NOVEL COMPOSITE**
[54] **NOUVEAU COMPOSITE**
[72] ARMSTRONG, SEPHEN, GB
[72] COSGROVE, TERENCE, GB
[72] GERRARD, JOHN JEFFREY, GB
[72] HUGHES, MELANIE JANE, GB
[72] PEARS, DAVID ALAN, GB
[71] REVOLYMER LIMITED, GB
[85] 2013-10-09
[86] 2012-04-13 (PCT/GB2012/050819)
[87] (WO2012/140438)
[30] GB (1106408.6) 2011-04-15

[21] **2,832,793**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] FR
[54] **DIAGNOSIS AND TREATMENT OF ANGIOEDEMA**
[54] **DIAGNOSTIC ET TRAITEMENT DE L'ANGIOEDEME**
[72] DROUET, CHRISTIAN, FR
[72] LUYASU, SAMUEL, BE
[72] GHANNAM, ARIJE, FR
[71] UNIVERSITE JOSEPH FOURIER (GRENOBLE 1), FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE GRENOBLE, FR
[85] 2013-10-08
[86] 2012-04-12 (PCT/FR2012/050804)
[87] (WO2012/140372)
[30] FR (11/53239) 2011-04-14

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[13] A1

[51] **Int.Cl. H01Q 1/24 (2006.01) H01Q 7/00 (2006.01) H01Q 13/08 (2006.01)**
[25] EN
[54] **SILK ELECTRONIC COMPONENTS**
[54] **COMPOSANTS ELECTRONIQUES DE SOIE**
[72] KAPLAN, DAVID, US
[72] OMENETTO, FIORENZO, US
[72] AMSDEN, JASON, US
[72] TAO, HU, US
[72] AVERITT, RICHARD, US
[72] STRIKWERDA, ANDREW, US
[72] ZHANG, XIN, US
[72] TSORIS, KONSTANTINOS, US
[71] TUFTS UNIVERSITY, US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2013-10-09
[86] 2011-04-12 (PCT/US2011/032195)
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[30] US (61/323,172) 2010-04-12
[30] US (61/325,593) 2010-04-19
[30] US (61/446,158) 2011-02-24

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[13] A1

[51] **Int.Cl. H04N 5/374 (2011.01) H01L 27/32 (2006.01)**
[25] FR
[54] **IMPROVED METHOD FOR DESIGNING AN ARRAY OF ORGANIC PHOTODETECTOR OR PHOTOEMITTER ELEMENTS**
[54] **PROCEDE AMELIORE DE CONCEPTION D'UNE MATRICE D'ELEMENTS PHOTO-DETECTEURS OU PHOTO-EMETTEURS ORGANIQUES**
[72] PREMONT, CHRISTOPHE, FR
[72] GWOZIECKI, ROMAIN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] ISORG, FR
[85] 2013-10-08
[86] 2012-04-12 (PCT/EP2012/056679)
[87] (WO2012/140141)
[30] FR (11 53311) 2011-04-15

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **CACHE MEMORY STRUCTURE AND METHOD**
[54] **STRUCTURE ET PROCEDE DE MEMOIRE CACHE**
[72] AMAR, VIRGINIE, FR
[72] CAPANACCIA, LUC, FR
[72] TOUFFAIT, GUILLAUME, FR
[72] PELLISE, SEBASTIEN, FR
[72] LEBLANC, XAVIER, FR
[71] AMADEUS S.A.S., FR
[85] 2013-10-09
[86] 2012-04-11 (PCT/EP2012/056594)
[87] (WO2012/140093)
[30] EP (11305430.8) 2011-04-12
[30] US (13/068,143) 2011-05-03

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[13] A1

[51] **Int.Cl. B65D 75/58 (2006.01) A46B 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE KIT**
[54] **TROUSSE POUR SOINS BUCCAUX**
[72] HOHLBEIN, DOUGLAS J., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-10-09
[86] 2011-04-15 (PCT/US2011/032649)
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[21] **2,832,803**
[13] A1

[51] **Int.Cl. A61F 7/12 (2006.01)**
[25] EN
[54] **PLAQUE STABILISATION USING CRYOENERGY**
[54] **STABILISATION DE PLAQUE A L'AIDE DE CRYOENERGIE**
[72] BUCHBINDER, MAURICE, US
[72] WERNETH, RANDELL LOUIS, US
[72] YIANNI, YIANNAKIS PETROU, GB
[72] NAHON, DANIEL, CA
[72] FLAHERTY, J. CHRISTOPHER, US
[72] SANTOIANI, DOMENIC, CA
[71] CRYOTHERAPEUTICS GMBH, DE
[85] 2013-10-09
[86] 2012-04-13 (PCT/GB2012/050820)
[87] (WO2012/140439)
[30] US (61/474,987) 2011-04-13

[21] **2,832,804**
[13] A1

[51] **Int.Cl. B04C 3/06 (2006.01)**
[25] EN
[54] **SHALE-GAS SEPARATING AND CLEANOUT SYSTEM**
[54] **SYSTEME DE SEPARATION ET DE NETTOYAGE DE GAZ DE SCHISTE**
[72] MATHENA, HAROLD DEAN, US
[71] MATHENA, INC., US
[85] 2013-10-09
[86] 2011-04-12 (PCT/US2011/032122)
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[21] **2,832,807**
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[51] **Int.Cl. A61B 17/58 (2006.01) A61B 17/56 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHODS FOR TRANSFECTING CELLS WITH NUCLEIC ACIDS**
[54] **PROCEDES POUR TRANSFECTER DES CELLULES AVEC DES ACIDES NUCLEIQUES**
[72] YANIK, MEHMET FATIH, US
[72] ANGEL, MATTHEW, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2013-10-09
[86] 2012-03-07 (PCT/US2012/028146)
[87] (WO2012/122318)
[30] US (61/450,116) 2011-03-07

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[13] A1

[51] **Int.Cl. A61L 2/00 (2006.01) C12N 5/073 (2010.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **METHOD OF COLLECTION, CLASSIFICATION AND PRESERVATION OF SAMPLES CONTAINING STEM CELLS**
[54] **PROCEDE DE COLLECTE, CLASSIFICATION ET CONSERVATION D'ECHANTILLONS CONTENANT DES CELLULES SOUCHES**
[72] MAGGI, FEDERICO, IT
[72] REGUZZONI, MARCO GIOVANNI, IT
[72] SIMONI, GIUSEEPE, IT
[71] BIOCELL CENTER S.P.A., IT
[85] 2013-10-09
[86] 2011-04-13 (PCT/IT2011/000114)
[87] (WO2012/140681)

[21] **2,832,809**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/30 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING ONLINE DYNAMIC CONTENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE CONTENU DYNAMIQUE EN LIGNE**
[72] KEEBLER, JONATHAN, CA
[71] SCRIBBLE TECHNOLOGIES INC., CA
[85] 2013-10-09
[86] 2011-04-11 (PCT/IB2011/001263)
[87] (WO2012/140464)

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[13] A1

[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD OF DISTRIBUTING INFORMATION REGARDING ONE OR MORE ELECTRICAL DEVICES AND SYSTEMS FOR THE SAME**
[54] **PROCEDE DE DISTRIBUTION D'INFORMATIONS RELATIVES A UN OU PLUSIEURS DISPOSITIFS ELECTRIQUES ET SYSTEMES CORRESPONDANTS**
[72] KIM, RYAN YONG, US
[72] YERRAMSETTI, NAGA, US
[72] MAURINO, RICARDO FEDERICO, US
[71] BELKIN INTERNATIONAL, INC., US
[85] 2013-10-09
[86] 2012-03-28 (PCT/US2012/030999)
[87] (WO2012/135376)
[30] US (13/077,782) 2011-03-31

[21] **2,832,811**
[13] A1

[51] **Int.Cl. A01N 43/90 (2006.01) A01N 61/00 (2006.01) A01P 3/00 (2006.01) A61K 38/26 (2006.01) C07K 14/065 (2006.01)**
[25] EN
[54] **DOUBLE-ACYLATED GLP-1 DERIVATIVES**
[54] **DERIVES DE GLP-1 A DOUBLE ACYLATION**
[72] WIECZOREK, BIRGIT, DK
[72] SPETZLER, JANE, DK
[72] KRUSE, THOMAS, DK
[72] LINDEROTH, LARS, DK
[72] KOFOED, JACOB, DK
[71] NOVO NORDISK A/S, DK
[85] 2013-10-09
[86] 2012-04-12 (PCT/EP2012/056642)
[87] (WO2012/140117)
[30] EP (11162087.8) 2011-04-12
[30] US (61/474,913) 2011-04-13

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[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/077 (2010.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR HARVESTING CELLS**
[54] **PROCEDES ET SYSTEMES DE RECOLTE DE CELLULES**
[72] KASUTO, HAREL, IL
[72] DRORI-CARMI, NIRIT, IL
[72] ZOHAR, BARAK, IL
[71] PLURISTEM LTD., IL
[85] 2013-10-09
[86] 2012-04-15 (PCT/IB2012/000933)
[87] (WO2012/140519)
[30] US (61/475,761) 2011-04-15

[21] **2,832,813**
[13] A1

[51] **Int.Cl. A61B 8/08 (2006.01) A61B 5/055 (2006.01) A61B 8/12 (2006.01) G01N 29/00 (2006.01)**
[25] EN
[54] **ULTRASOUND GUIDED POSITIONING OF CARDIAC REPLACEMENT VALVES**
[54] **POSITIONNEMENT GUIDE PAR ULTRASONS DE VALVULES CARDIAQUES DE REMPLACEMENT**
[72] HARHEN, EDWARD PAUL, US
[71] IMACOR, INC., US
[85] 2013-10-09
[86] 2012-03-29 (PCT/US2012/031254)
[87] (WO2012/141913)
[30] US (61/474,028) 2011-04-11
[30] US (61/565,766) 2011-12-01
[30] US (13/410,449) 2012-03-02

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[13] A1

[51] **Int.Cl. C09C 1/22 (2006.01) C09C 1/24 (2006.01) C09C 3/12 (2006.01)**
[25] EN
[54] **HYDROPHOBIC, FUNCTIONALISED PARTICLES**
[54] **PARTICULES HYDROPHOBES FONCTIONNALISEES**
[72] DEUERLEIN, STEPHAN, DE
[72] DOMKE, IMME, US
[72] MICHAILOVSKI, ALEXEJ, DE
[72] RIEGER, REINHOLD, DE
[72] CHAROENSIRISOMBOON, PIYADA, DE
[72] BLACKWOOD, DAVID F., US
[72] EICHHOLZ, CHRISTIAN, DE
[72] BAYER, ROBERT, DE
[72] LOSCH, DENNIS, DE
[72] SHISHKOV, IGOR, DE
[71] BASF SE, DE
[71] BASF CORPORATION, US
[85] 2013-10-09
[86] 2012-04-11 (PCT/EP2012/056555)
[87] (WO2012/140065)
[30] EP (11162044.9) 2011-04-12

[21] **2,832,815**
[13] A1

[51] **Int.Cl. A61B 8/08 (2006.01) A61B 5/055 (2006.01) A61B 8/12 (2006.01) G01N 29/00 (2006.01)**
[25] EN
[54] **ULTRASOUND GUIDED POSITIONING OF CARDIAC REPLACEMENT VALVES WITH 3D VISUALIZATION**
[54] **MISE EN PLACE GUIDEE PAR ULTRASONS DE VALVULES CARDIAQUES DE REMPLACEMENT AVEC VISUALISATION 3D**
[72] HARHEN, EDWARD PAUL, US
[72] HERON, NICOLAS, US
[71] IMACOR, INC., US
[85] 2013-10-09
[86] 2012-03-29 (PCT/US2012/031256)
[87] (WO2012/141914)
[30] US (61/474,028) 2011-04-11
[30] US (61/565,766) 2011-12-01
[30] US (13/410,456) 2012-03-02

[21] **2,832,817**
[13] A1

[51] **Int.Cl. A61K 31/4184 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **PARP INHIBITORS FOR THE TREATMENT OF CIPN**
[54] **INHIBITEURS DE LA PARP POUR LE TRAITEMENT DE LA NEUROPATHIE PERIPHERIQUE INDUITE PAR LA CHIMIOTHERAPIE (CIPN)**
[72] GIRANDA, VINCENT LOUIS, US
[72] SHOEMAKER, ALEXANDER R., US
[72] BROWMAN, KAITLIN E., US
[72] JOSHI, SHAILEN K., US
[72] BREDERSON, JILL-DESIREE, US
[72] PENNING, THOMAS D., US
[71] ABBVIE INC., US
[85] 2013-10-09
[86] 2012-04-09 (PCT/US2012/032724)
[87] (WO2012/141990)
[30] US (61/473,970) 2011-04-11
[30] US (61/476,616) 2011-04-18

[21] **2,832,818**
[13] A1

[51] **Int.Cl. A61K 31/426 (2006.01) A61K 31/00 (2006.01) A61K 31/05 (2006.01) A61K 31/15 (2006.01) A61K 31/167 (2006.01) A61K 31/185 (2006.01) A61K 31/255 (2006.01) A61K 31/365 (2006.01) A61K 31/40 (2006.01) A61K 31/405 (2006.01) A61K 31/4545 (2006.01) A61K 31/473 (2006.01) A61K 31/706 (2006.01) A61P 31/14 (2006.01) A61K 31/7056 (2006.01)**
[25] EN
[54] **ANTI-VIRAL COMBINATION THERAPY**
[54] **POLYTHERAPIE ANTIVIRALE**
[72] KOYUNCU, EMRE, US
[72] SHENK, THOMAS E., US
[72] RABINOWITZ, JOSHUA, US
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2013-10-09
[86] 2012-04-06 (PCT/US2012/032567)
[87] (WO2012/139028)
[30] US (61/472,608) 2011-04-06

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[13] A1

[51] **Int.Cl. A61G 5/12 (2006.01) A47C 7/42 (2006.01) A61G 5/10 (2006.01) B29C 44/00 (2006.01)**

[25] EN

[54] **BACKREST, METHOD FOR ADJUSTING A BACKREST AND (WHEEL) CHAIR PROVIDED WITH A BACKREST**

[54] **DOSSIER, PROCEDE DE REGLAGE D'UN DOSSIER ET FAUTEUIL (ROULANT) POURVU D'UN DOSSIER**

[72] HUTTENHUIS, ALOUISIUS GERHARDUS, NL

[72] HUTTENHUIS, TIJN PIETER LODEWIJK, NL

[71] P.R. SELLA B.V., NL

[85] 2013-10-09

[86] 2012-04-26 (PCT/NL2012/050286)

[87] (WO2012/148271)

[30] NL (2006664) 2011-04-26

[21] **2,832,820**
[13] A1

[51] **Int.Cl. H02B 5/02 (2006.01)**

[25] EN

[54] **ELECTRICAL EQUIPMENT MOUNTING FRAME**

[54] **CADRE DE MONTAGE D'EQUIPEMENTS ELECTRIQUES**

[72] SHAW, STEVEN A., US

[72] STALLINGS, THOMAS L., US

[72] ACKERMANN, BRENT J., US

[72] KARANDIKAR, HARSHAVARDHAN M., US

[71] ABB TECHNOLOGY AG, CH

[85] 2013-10-09

[86] 2012-04-10 (PCT/US2012/032916)

[87] (WO2012/142036)

[30] US (61/473,827) 2011-04-11

[21] **2,832,821**
[13] A1

[51] **Int.Cl. A61F 5/48 (2006.01) A61F 2/00 (2006.01) A61F 6/08 (2006.01) A61F 6/12 (2006.01)**

[25] EN

[54] **PESSARY DEVICE WITH LONGITUDINAL FLEXIBILITY**

[54] **DISPOSITIF PESSAIRE A FLEXIBILITE LONGITUDINALE**

[72] KARAPASHA, NANCY, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-10-09

[86] 2012-04-11 (PCT/US2012/032956)

[87] (WO2012/142058)

[30] US (13/084,032) 2011-04-11

[30] US (13/084,093) 2011-04-11

[21] **2,832,822**
[13] A1

[51] **Int.Cl. C07D 239/90 (2006.01) A61K 31/517 (2006.01) A61P 15/00 (2006.01) C07D 403/06 (2006.01) C07D 407/12 (2006.01) C07D 417/12 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUNDS AND USES THEREOF IN THE TREATMENT OF SEXUAL DISORDERS**

[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS DANS LE TRAITEMENT DE TROUBLES SEXUELS**

[72] KOGAN, VLADIMIR, IL

[72] LURYA, LEONID, IL

[72] TABACHNIK, LEV, IL

[71] ATIR HOLDING S.A., LU

[85] 2013-10-09

[86] 2011-12-26 (PCT/IL2011/050077)

[87] (WO2012/140642)

[30] US (61/473,773) 2011-04-10

[21] **2,832,823**
[13] A1

[51] **Int.Cl. H01B 5/10 (2006.01) B29C 70/52 (2006.01)**

[25] EN

[54] **COMPOSITE CORE FOR ELECTRICAL TRANSMISSION CABLES**

[54] **AME COMPOSITE POUR CABLES ELECTRIQUES DE TRANSMISSION**

[72] NELSON, SHERRI M., US

[72] EASTEP, DAVID W., US

[72] TIBOR, TIMOTHY L., US

[72] REGAN, TIMOTHY A., US

[72] WESLEY, MICHAEL L., US

[71] TICONA LLC, US

[85] 2013-10-09

[86] 2012-04-11 (PCT/US2012/033034)

[87] (WO2012/142096)

[30] US (61/474,458) 2011-04-12

[21] **2,832,824**
[13] A1

[51] **Int.Cl. B32B 3/28 (2006.01) B64C 1/18 (2006.01)**

[25] FR

[54] **SELF-STIFFENED COMPOSITE PANEL, PARTICULARLY FOR AN AIRCRAFT FLOOR, AND METHOD FOR MANUFACTURING SUCH A PANEL**

[54] **PANNEAU COMPOSITE AUTO-RAIDI NOTAMMENT POUR PLANCHER D'AERONEF ET PROCEDE DE FABRICATION D'UN TEL PANNEAU**

[72] KURTZ, DIDIER, FR

[72] BESNARD, MARION, FR

[72] MARTERERE, JACQUES, FR

[71] DAHER AEROSPACE, FR

[85] 2013-10-09

[86] 2012-05-02 (PCT/EP2012/057987)

[87] (WO2012/150240)

[30] FR (1101351) 2011-05-02

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[21] **2,832,829**
[13] A1

[51] **Int.Cl. A61K 38/13 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **TREATMENT OF HEPATITIS C VIRUS INFECTION WITH ALISPORIVIR**
[54] **TRAITEMENT DE L'INFECTION PAR LE VIRUS DE L'HEPATITE C AVEC L'ALISPORIVIR**
[72] AVILA, CLAUDIO, CH
[72] CRABBE, RAFAEL, CH
[71] NOVARTIS AG, CH
[71] DEBIOPHARM INTERNATIONAL SA, CH
[85] 2013-10-09
[86] 2012-04-11 (PCT/EP2012/056577)
[87] (WO2012/140082)
[30] US (61/474,946) 2011-04-13

[21] **2,832,832**
[13] A1

[51] **Int.Cl. H01M 8/06 (2006.01) H01M 8/10 (2006.01) H01M 8/18 (2006.01) H01M 16/00 (2006.01)**
[25] EN
[54] **SELF-CONTAINED SOLAR-POWERED ENERGY SUPPLY AND STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE ET D'ALIMENTATION EN ENERGIE A ALIMENTATION SOLAIRE AUTONOME**
[72] O'CONNOR, PAUL, NL
[72] VAN PUTTEN, GERRIT, NL
[72] RASSER, JACOBUS CORNELIS, US
[72] MARINIC, SASA, NL
[71] ANTECY B.V., NL
[85] 2013-10-09
[86] 2012-04-11 (PCT/EP2012/056582)
[87] (WO2012/159818)
[30] US (61/473,829) 2011-04-11

[21] **2,832,834**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 5/04 (2006.01)**
[25] EN
[54] **SYNTHETIC GENES**
[54] **GENES SYNTHETIQUES**
[72] LARRINUA, IGNACIO MARIO, US
[72] MERLO, DONALD J., US
[72] REDDY, AVUTU S., US
[72] THIRUMALAISWAMYSEKHAR, ARVIND KUMAR, US
[72] WOOSLEY, AARON TODD, US
[71] DOW AGROSCIENCES LLC, US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033458)
[87] (WO2012/142371)
[30] US (61/475,921) 2011-04-15

[21] **2,832,835**
[13] A1

[51] **Int.Cl. F16D 3/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTION AND DETECTION OF PHASE SEPARATION IN STORAGE TANKS**
[54] **PROCEDE ET APPAREIL DE PREVENTION ET DE DETECTION DE SEPARATION DE PHASES DANS DES RESERVOIRS DE STOCKAGE**
[72] SABO, LORRAINE VANDER WIELEN, US
[72] DEMIN, VITALIY, US
[72] NELSON, BILL, US
[72] MARSTON, DAN, US
[71] FRANKLIN FUELING SYSTEMS, INC., US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033488)
[87] (WO2012/142389)
[30] US (61/476,068) 2011-04-15
[30] US (61/545,655) 2011-10-11

[21] **2,832,838**
[13] A1

[51] **Int.Cl. A61L 27/20 (2006.01) A61L 27/24 (2006.01) A61L 27/26 (2006.01) A61L 27/36 (2006.01) A61L 27/38 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **REGENERATIVE MATERIALS**
[54] **MATERIAUX REGENERATIFS**
[72] SUN, WENQUAN, US
[72] BOWLEY, MELISSA RICHTER, US
[72] GOEL, RAGHAV, US
[71] LIFECCELL CORPORATION, US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033533)
[87] (WO2012/142419)
[30] US (61/475,378) 2011-04-14

[21] **2,832,840**
[13] A1

[51] **Int.Cl. G01R 31/00 (2006.01)**
[25] EN
[54] **THERMALLY ACTIVATED MAGNETIC AND RESISTIVE AGING**
[54] **VIELLISSEMENT MAGNETIQUE ET RESISTIF ACTIVE THERMIQUEMENT**
[72] KENNING, GREGORY G., US
[71] INDIANA UNIVERSITY OF PENNSYLVANIA, US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033540)
[87] (WO2012/142423)
[30] US (61/476,044) 2011-04-15

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[21] **2,832,843**
[13] A1

[51] **Int.Cl. C07D 213/64 (2006.01) A61K 31/4412 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (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 491/08 (2006.01) C07D 491/107 (2006.01)**

[25] EN

[54] **ARYL-OR HETEROARYL-SUBSTITUTED BENZENE COMPOUNDS**

[54] **COMPOSES DE BENZENE SUBSTITUES PAR ARYLE OU HETEROARYLE**

[72] KUNTZ, KEVIN WAYNE, US
[72] CHESWORTH, RICHARD, US
[72] DUNCAN, KENNETH WILLIAM, US
[72] KEILHACK, HEIKE, US
[72] WARHOLIC, NATALIE, US
[72] KLAUS, CHRISTINE, US
[72] ZHENG, WANJUN, US
[72] SEKI, MASASHI, JP
[72] SHIROTORI, SYUJI, JP
[72] KAWANO, SATOSHI, JP
[71] EPIZYME, INC., US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033648)
[87] (WO2012/142504)
[30] US (61/474,821) 2011-04-13
[30] US (61/499,595) 2011-06-21

[21] **2,832,846**
[13] A1

[51] **Int.Cl. C07D 213/64 (2006.01) A61K 31/4427 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 407/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 491/10 (2006.01) C07D 491/113 (2006.01)**

[25] EN

[54] **SUBSTITUTED BENZENE COMPOUNDS**

[54] **COMPOSES DE BENZENES SUBSTITUES**

[72] KUNTZ, KEVIN WAYNE, US
[72] CHESWORTH, RICHARD, US
[72] DUNCAN, KENNETH WILLIAM, US
[72] KEILHACK, HEIKE, US
[72] WARHOLIC, NATALIE, US
[72] KLAUS, CHRISTINE, US
[72] KNUTSON, SARAH K., US
[72] WIGLE, TIMOTHY JAMES NELSON, US

[72] SEKI, MASASHI, JP
[71] EPIZYME, INC., US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033662)
[87] (WO2012/142513)
[30] US (61/474,825) 2011-04-13
[30] US (61/505,676) 2011-07-08

[21] **2,832,849**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**

[25] EN

[54] **POLYAXIAL DENTAL IMPLANT SYSTEM**

[54] **SYSTEME D'IMPLANT DENTAIRE POLYAXIAL**

[72] MCBRIDE, JIM, US
[72] COVARRUBIAS, GONZALO, US
[72] TOUBIA, SOUHAIL, US
[72] STAPH, BRADFORD, US
[71] JBSG MANAGEMENT LLC, US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033668)
[87] (WO2012/142517)
[30] US (61/476,230) 2011-04-15
[30] US (61/487,591) 2011-05-18
[30] US (61/512,366) 2011-07-27
[30] US (61/545,061) 2011-10-07

[21] **2,832,850**
[13] A1

[51] **Int.Cl. A47H 23/02 (2006.01)**

[25] EN

[54] **COVERING FOR ARCHITECTURAL OPENING INCLUDING CELL STRUCTURES BIASED TO OPEN**

[54] **GARNITURE POUR OUVERTURE ARCHITECTURALE COMPRENANT DES STRUCTURES CELLULAIRES SOLLICITEES POUR S'OUVRIR**

[72] COLSON, WENDELL B., US
[72] SWISZCZ, PAUL G., US
[71] HUNTER DOUGLAS INC., US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033670)
[87] (WO2012/142519)
[30] US (61/476,187) 2011-04-15

[21] **2,832,852**
[13] A1

[51] **Int.Cl. B01D 53/94 (2006.01) F01N 3/10 (2006.01)**

[25] EN

[54] **MULTI-COMPONENT FILTERS FOR EMISSIONS CONTROL**

[54] **FILTRE MULTICOMPOSANT POUR MAITRISE DES EMISSIONS**

[72] BOORSE, R. SAMUEL, US
[71] BASF CORPORATION, US
[85] 2013-10-09
[86] 2012-04-16 (PCT/US2012/033802)
[87] (WO2012/135871)
[30] US (61/468,859) 2011-03-29
[30] US (13/433,663) 2012-03-29

[21] **2,832,853**
[13] A1

[51] **Int.Cl. A61F 5/48 (2006.01) A61F 2/00 (2006.01) A61F 6/08 (2006.01) A61F 6/12 (2006.01)**

[25] EN

[54] **SINGLE USE PESSARY DEVICES**

[54] **DISPOSITIFS PESSAIRES A USAGE UNIQUE**

[72] KARAPASHA, NANCY, US
[72] OSBORN, THOMAS WARD III, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-10-09
[86] 2012-04-03 (PCT/US2012/031965)
[87] (WO2012/141940)
[30] US (13/084,185) 2011-04-11

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[21] **2,832,854**
[13] A1

[51] **Int.Cl. A61K 31/736 (2006.01) A61K 31/047 (2006.01) A61K 31/155 (2006.01) A61P 31/02 (2006.01) A61P 39/00 (2006.01)**

[25] EN

[54] **METHOD OF INHIBITING HARMFUL MICROORGANISMS AND BARRIER-FORMING COMPOSITION THEREFOR**

[54] **PROCEDE D'INHIBITION DE MICROORGANISMES DANGEREUX ET COMPOSITION FORMANT BARRIERE POUR LE METTRE EN OEUVRE**

[72] GHANNOUM, AFIF, US
[72] SOKOL, BRIAN, US
[71] ARMS PHARMACEUTICAL LLC, US
[85] 2013-10-09
[86] 2012-04-17 (PCT/US2012/033921)
[87] (WO2012/145307)
[30] US (61/477,147) 2011-04-19

[21] **2,832,855**
[13] A1

[51] **Int.Cl. C08G 18/10 (2006.01) B32B 7/12 (2006.01) C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01) C08G 18/78 (2006.01) C08G 18/79 (2006.01) C09J 175/04 (2006.01)**

[25] EN

[54] **MODIFIED DIPHENYLMETHANE DIISOCYANATE-BASED ADHESIVES**

[54] **ADHESIFS A BASE DE DIPHENYLMETHANE-DIISOCYANATE MODIFIE**

[72] CARLSON, BRIAN W., US
[72] NELSON, DORIAN, US
[72] EKLUND, WAYNE G., US
[71] H.B. FULLER COMPANY, US
[85] 2013-10-09
[86] 2012-04-11 (PCT/US2012/033106)
[87] (WO2012/142148)
[30] US (61/475,825) 2011-04-15

[21] **2,832,857**
[13] A1

[51] **Int.Cl. B29D 99/00 (2010.01) B29C 65/00 (2006.01) B29C 65/02 (2006.01) B29C 65/50 (2006.01) B29C 70/34 (2006.01)**

[25] FR

[54] **DOUBLE-SIDED STIFFENED COMPOSITE PANEL, AND METHOD FOR PRODUCING SUCH A PANEL**

[54] **PANNEAU COMPOSITE RAIDI DOUBLE FACE ET PROCEDE DE REALISATION D'UN TEL PANNEAU**

[72] HUGON, MICHAEL, FR
[72] PELARD, ALEXANDRE, FR
[72] SOUBELET, DIOMINIQUE, FR
[71] DAHER AEROSPACE, FR
[85] 2013-10-09
[86] 2012-05-19 (PCT/EP2012/059316)
[87] (WO2012/156525)
[30] FR (11/01547) 2011-05-19

[21] **2,832,858**
[13] A1

[51] **Int.Cl. A01N 43/64 (2006.01) A61K 9/14 (2006.01) A61K 9/48 (2006.01) A61K 31/53 (2006.01)**

[25] EN

[54] **SOLID PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE SOLIDE**

[72] RITTER, ALLEN, US
[72] WILLIAMS, AMY C., US
[72] WALDMANN, LARS, US
[72] ZHANG, HUAMIN, US
[71] ENDOCYTE, INC., US
[85] 2013-10-09
[86] 2012-04-12 (PCT/US2012/033312)
[87] (WO2012/142281)
[30] US (61/474,428) 2011-04-12

[21] **2,832,859**
[13] A1

[51] **Int.Cl. A01N 43/04 (2006.01) A61K 31/726 (2006.01)**

[25] EN

[54] **TREATMENT OF DISEASE WITH POLY-N-ACETYLGLUCOSAMINE NANOFIBERS**

[54] **TRAITEMENT DE MALADIES AVEC DES NANOFIBRES DE POLY-N-ACETYLGLUCOSAMINE**

[72] VOURNAKIS, JOHN N., US
[72] FINKIELSZTEIN, SERGIO, US
[71] MARINE POLYMER TECHNOLOGIES, INC., US
[85] 2013-10-09
[86] 2012-04-16 (PCT/US2012/033782)
[87] (WO2012/142581)
[30] US (61/476,237) 2011-04-15

[21] **2,832,860**
[13] A1

[51] **Int.Cl. A61K 31/12 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **THERAPY FOR LEUKEMIA**

[54] **THERAPIE POUR LA LEUCEMIE**

[72] AZAM, MOHAMMAD, US
[72] KESARWANI, MEENU, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2013-10-09
[86] 2012-04-20 (PCT/US2012/034359)
[87] (WO2012/145575)
[30] US (61/477,853) 2011-04-21

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[21] **2,832,862**
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/20 (2006.01)**

[25] EN

[54] **MOTORIZED SYRINGE FOR USE WITH TWO TYPES OF DENTAL ANESTHETIC SOLUTION-CONTAINING CARTRIDGES**

[54] **SERINGUE ELECTRIQUE DESTINEE A ETRE UTILISEE AVEC DEUX SORTES DE CARTOUCHES CONTENANT UNE SOLUTION ANESTHESIQUE DENTAIRE**

[72] TANAKA, FUMIO, JP

[72] HARAGUCHI, MITSUHIRO, JP

[72] KAWASAKI, YOSHIHIKO (DECEASED), JP

[72] SHIBUYA, MUTSUMI, JP

[72] HAYASHI, RENJI, JP

[72] KATO, YOSHINORI, JP

[71] SHOWA YAKUHIN KAKO CO., LTD., JP

[85] 2013-10-09

[86] 2011-04-12 (PCT/JP2011/059089)

[87] (WO2012/140738)

[21] **2,832,863**
[13] A1

[51] **Int.Cl. G02B 27/00 (2006.01) G02C 7/02 (2006.01) G02C 11/08 (2006.01)**

[25] EN

[54] **ELECTRO-THERMAL ANTIFOG OPTICAL DEVICES**

[54] **DISPOSITIFS OPTIQUES ANTI-BUEES ELECTROTHERMIQUES**

[72] WANG, PINGSHAN, US

[72] SINGH, BRIJ P., US

[72] FERIAN, ALADIN B., III, US

[72] MORGAN, TIMOTHY H., US

[72] WELCHEL, DEBRA N., US

[72] JACKSON, MATRICE B., US

[71] KIMBERLY-CLARK WORLDWIDE, INC., US

[85] 2013-10-09

[86] 2012-03-14 (PCT/IB2012/051219)

[87] (WO2012/150509)

[30] US (13/099,576) 2011-05-03

[21] **2,832,864**
[13] A1

[51] **Int.Cl. D03D 15/00 (2006.01) D03D 1/00 (2006.01) D03D 11/00 (2006.01)**

[25] EN

[54] **TWO-LAYER UNWOVEN FABRIC**

[54] **ARMURE A DEUX COUCHES POUR TISSU NON TISSE**

[72] USUKI, TSUTOMU, JP

[71] NIPPON FILCON CO., LTD., JP

[85] 2013-10-09

[86] 2012-03-21 (PCT/JP2012/057096)

[87] (WO2012/140993)

[30] JP (2011-087484) 2011-04-11

[21] **2,832,865**
[13] A1

[51] **Int.Cl. C07D 417/02 (2006.01) A61K 31/495 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) C07D 403/14 (2006.01) C07D 417/06 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **AMINOPYRIMIDINE KINASE INHIBITORS**

[54] **INHIBITEURS D'AMINOPYRIMIDINE KINASE**

[72] BALDINO, CARMEN M., US

[72] CASERTA, JUSTIN L., US

[72] LEE, CHEE-SENG, US

[72] DUMAS, STEPHANE A., US

[72] FLANDERS, YVONNE L., US

[71] JASCO PHARMACEUTICALS, LLC, US

[85] 2013-10-09

[86] 2012-04-20 (PCT/US2012/034436)

[87] (WO2012/145617)

[30] US (61/478,302) 2011-04-22

[30] US (61/555,617) 2011-11-04

[21] **2,832,866**
[13] A1

[51] **Int.Cl. A61K 31/7056 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 249/06 (2006.01) C07H 19/056 (2006.01)**

[25] FR

[54] **ACADESINE DERIVATIVES, PRODUCTS AND COMPOSITIONS INCLUDING SAME, THERAPEUTIC USES THEREOF, AND METHODS FOR SYNTHESIZING SAME**

[54] **DERIVES DE L'ACADESINE, PRODUITS ET COMPOSITIONS LES COMPRENANT, LEURS UTILISATIONS THERAPEUTIQUES ET LEURS PROCEDES DE SYNTHESE**

[72] BENHIDA, RACHID, FR

[72] AUBERGER, PATRICK, FR

[72] MALNUIT, VINCENT, FR

[72] DRIOWYA, MOHSINE, FR

[72] PUISSANT, ALEXANDRE, FR

[72] ROBERT, GUILLAUME, FR

[71] UNIVERSITE NICE SOPHIA ANTIPOLIS, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR

[85] 2013-10-09

[86] 2012-04-17 (PCT/FR2012/000147)

[87] (WO2012/143624)

[30] FR (11/01204) 2011-04-18

[21] **2,832,867**
[13] A1

[51] **Int.Cl. E03C 1/126 (2006.01) E03C 1/28 (2006.01)**

[25] EN

[54] **DEVICE FOR USE WITH FLOOR DRAINS**

[54] **DISPOSITIF A UTILISER AVEC DES ECOULEMENTS AU SOL**

[72] WORTH, THOMAS, US

[72] NIFONG, JUSTIN, US

[72] FORREST, PAUL, US

[72] MANGRUM, MARK, US

[71] AROMATIC DRAIN DEVICE, INC., US

[85] 2013-10-09

[86] 2012-04-20 (PCT/US2012/034478)

[87] (WO2012/145643)

[30] US (61/477,187) 2011-04-20

[30] US (61/510,540) 2011-07-22

[30] US (61/544,037) 2011-10-06

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[21] **2,832,869**
[13] A1

[51] **Int.Cl. A01N 43/90 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING INHIBITORS OF THE HEPATITIS C VIRUS**
[54] **PROCEDES POUR LA PREPARATION D'INHIBITEURS DU VIRUS DE L'HEPATITE C**
[72] XIE, JI, US
[72] WU, GEORGE, US
[72] LAMBERSON, JOSEPH, US
[72] POIRIER, MARC, US
[72] CHEN, FRANK, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2013-10-09
[86] 2012-05-02 (PCT/US2012/036112)
[87] (WO2012/151271)
[30] US (61/482,592) 2011-05-04

[21] **2,832,870**
[13] A1

[51] **Int.Cl. A61B 5/1473 (2006.01) A61B 5/145 (2006.01) G01N 27/327 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTINUOUS ANALYTE MONITORING**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE CONTINUE D'ANALYTE**
[72] ROSE, JEFFERSON, US
[72] RAO, ASHWIN K., US
[72] YANG, NING, US
[72] CHIU, CHIA-HUNG, US
[72] LUO, YING, US
[72] GOTTLIEB, REBECCA K., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2013-10-09
[86] 2012-05-04 (PCT/US2012/036489)
[87] (WO2012/154548)
[30] US (13/102,390) 2011-05-06

[21] **2,832,871**
[13] A1

[51] **Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR INHIBITING MASP-2 DEPENDENT COMPLEMENT ACTIVATION**
[54] **COMPOSITIONS POUR L'INHIBITION D'ACTIVATION DU COMPLEMENT DEPENDANT DE MASP-2**
[72] DUDLER, THOMAS, US
[72] GOMBOTZ, WAYNE R., US
[72] PARENT, JAMES BRIAN, US
[72] TEDFORD, CLARK E., US
[72] KAVLIE, ANITA, NO
[72] HAGEMANN, URS BEAT, NO
[72] REIERSEN, HERALD, NO
[72] KIPRIJANOV, SERGEJ, NO
[71] OMEROS CORPORATION, US
[85] 2013-10-09
[86] 2012-05-04 (PCT/US2012/036509)
[87] (WO2012/151481)
[30] US (61/482,567) 2011-05-04

[21] **2,832,872**
[13] A1

[51] **Int.Cl. B01D 27/04 (2006.01)**
[25] EN
[54] **LIQUID FILTRATION MEDIA**
[54] **SUPPORTS DE FILTRATION PAR VOIE LIQUIDE**
[72] LIM, HYUN SUNG, US
[72] MARIN, ROBERT ANTHONY, US
[72] YOUNG, PATRICK HENRY, US
[72] CHEN, GUANGHUI, US
[72] COMPTON, TIMOTHY FREDERICK, US
[72] FRISK, SIMON, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-10-09
[86] 2012-05-14 (PCT/US2012/037847)
[87] (WO2012/158647)
[30] US (61/485,830) 2011-05-13

[21] **2,832,873**
[13] A1

[51] **Int.Cl. B03B 5/34 (2006.01) B04C 5/26 (2006.01) B04C 7/00 (2006.01) B04C 11/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PARTICLE SEPARATION**
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION DE PARTICULES**
[72] BOZZATO, PAOLO, US
[71] ECOMIN SRL, IT
[85] 2013-10-09
[86] 2012-04-11 (PCT/IB2012/051765)
[87] (WO2012/146997)
[30] IT (GE2011A000049) 2011-04-28

[21] **2,832,874**
[13] A1

[51] **Int.Cl. C07C 317/22 (2006.01) A61K 31/138 (2006.01) A61K 31/145 (2006.01) A61K 31/397 (2006.01) A61K 31/4453 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) C07D 205/04 (2006.01) C07D 295/088 (2006.01)**
[25] EN
[54] **NOVEL MODULATORS OF CORTICAL DOPAMINERGIC- AND NMDA-RECEPTOR-MEDIATED GLUTAMATERGIC NEUROTRANSMISSION**
[54] **NOUVEAUX MODULATEURS DE NEUROTRANSMISSION GLUTAMATERGIQUE CORTICALE A MEDIATION DOPAMINERGIQUE ET PAR RECEPTEUR NMDA**
[72] SONESSON, CLAS, SE
[72] KARLSSON, JONAS, SE
[72] SVENSSON, PEDER, SE
[71] INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB, SE
[85] 2013-10-10
[86] 2012-04-17 (PCT/EP2012/056959)
[87] (WO2012/143337)
[30] DK (PA 2011 70187) 2011-04-19
[30] US (61/476,810) 2011-04-19
[30] DK (PA 2011 70495) 2011-09-06

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[21] **2,832,875**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **PESSARY DEVICE**
[54] **DISPOSITIF DE PESSAIRE**
[72] KARAPASHA, NANCY, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2013-10-09
[86] 2012-04-11 (PCT/US2012/032954)
[87] (WO2012/142056)
[30] US (13/083,982) 2011-04-11
[30] US (13/084,066) 2011-04-11

[21] **2,832,876**
[13] A1

[51] **Int.Cl. A61J 1/06 (2006.01) A61M
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B65B 3/00 (2006.01) B65D 51/16
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A MEDICATED MODULE**
[54] **RESERVOIR A MEDICAMENT
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[72] YOUNG, ALASDAIR GEORGE, GB
[72] DE SAUSMAREZ LINTELL, DANIEL
THOMAS, GB
[71] SANOFI-AVENTIS DEUTSCHLAND
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[54] **MIXER SENSORS AND METHODS
FOR USING SAME**
[54] **DETECTEURS DE MELANGEURS
ET PROCEDES D'UTILISATION
DE CES DETECTEURS**
[72] OZADALI, FERHAN, US
[72] MISHRA, DHARMENDRA KUMAR,
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[72] SULAIMAN, RABIHA, MY
[71] NESTEC S.A., CH
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[30] US (61/483,092) 2011-05-06

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[25] EN
[54] **AUTOMATED GRAVIMETRIC
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AND METHOD**
[54] **SYSTEME DE PLATEFORME DE
CRIBLAGE GRAVIMETRIQUE
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ASSOCIE**
[72] GOLGOTIU, KIRSTI A., US
[72] HERVE, PHILIPPE, BE
[72] KELLER, DOUGLAS, US
[72] SWARTWOOD, TROY M., US
[72] DONALDSON, JEFFREY D., US
[71] DOW AGROSCIENCES LLC, US
[85] 2013-10-09
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[25] EN
[54] **DRIVE ASSEMBLY FOR A DRUG
DELIVERY DEVICE AND
CORRESPONDING DRUG
DELIVERY DEVICE**
[54] **ENSEMBLE D'ENTRAINEMENT
POUR UN DISPOSITIF
D'ADMINISTRATION DE
MEDICAMENT ET DISPOSITIF
D'ADMINISTRATION DE
MEDICAMENT
CORRESPONDANT**
[72] SCHNEIDER, CHRISTIANE, DE
[72] STEVER, TOBIAS, DE
[72] HARMS, MICHAEL, DE
[72] JAKOBI, ULRIK, DE
[72] LAM, NGOC-JANE, DE
[72] KRAFT, TORSTEN, DE
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[25] EN
[54] **DRUG DELIVERY DEVICE AND
CARTRIDGE HOLDER FOR A
DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION
DE MEDICAMENT ET PORTE-
CARTOUCHE POUR UN
DISPOSITIF D'ADMINISTRATION
DE MEDICAMENT**
[72] SCHNEIDER, CHRISTIANE, DE
[72] STEVER, TOBIAS, DE
[72] HARMS, MICHAEL, DE
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[71] SANOFI-AVENTIS DEUTSCHLAND
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[25] EN
[54] **NON-AQUEOUS ELECTROLYTE
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STORAGE DEVICE USING SAME**
[54] **ELECTROLYTE NON-AQUEUX,
ET DISPOSITIF
D'ACCUMULATEUR METTANT
EN UUVRE CELUI-CI**
[72] ABE, KOJI, JP
[72] SHIMAMOTO, KEI, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2013-10-09
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[25] EN
[54] **METHOD FOR PARTITIONING PARALLEL RESERVOIR SIMULATIONS IN THE PRESENCE OF WELLS**
[54] **PROCEDE DE DIVISION DE SIMULATIONS DE GISEMENTS PARALLELES EN PRESENCE DE PUIITS**
[72] MALIASSOV, SERGUEI, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-10-10
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[25] FR
[54] **HYDROCELLULAR ABSORBENT DRESSING, AND USES THEREOF FOR THE TREATMENT OF CHRONIC AND ACUTE WOUNDS**
[54] **PANSEMENT ABSORBANT HYDROCELLULAIRE, SES UTILISATIONS POUR LE TRAITEMENT DES PLAIES CHRONIQUES ET AIGUES**
[72] AUGUSTE, STEPHANE, FR
[72] PERNOT, JEAN MARC, FR
[72] DANEROL, ANNE-SOPHIE, FR
[72] CHARRE, AURELIE, FR
[71] LABORATOIRES URGO, FR
[71] SOCIETE DE DEVELOPPEMENT ET DE RECHERCHE INDUSTRIELLE, FR
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[30] FR (1153325) 2011-04-15

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[25] FR
[54] **VERY ABSORBENT, THIN ADHESIVE DRESSING, AND USES THEREOF FOR THE TREATMENT OF CHRONIC WOUNDS**
[54] **PANSEMENT ADHESIF MINCE TRES ABSORBANT, SES UTILISATIONS POUR LE TRAITEMENT DES PLAIES CHRONIQUES**
[72] AUGUSTE, STEPHANE, FR
[72] PERNOT, JEAN MARC, FR
[72] DANEROL, ANNE-SOPHIE, FR
[72] CHARRE, AURELIE, FR
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[54] **ANALOGUES DE PROSTAGLANDINE CONJUGUES A UN POLYMERE**
[72] O'SHEA, MICHAEL SHANE, AU
[72] GRAICHEN, FLORIAN HANS MAXIMILIAN, AU
[72] TAIT, RUSSELL JOHN, AU
[72] DONOHUE, ANDREW CRAIG, AU
[72] NG, SARAH MAN YE, AU
[72] D'SOUZA, ASHA MARINA, AU
[71] POLYACTIVA PTY LTD, AU
[71] THE BIONICS INSTITUTE OF AUSTRALIA, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[87] (WO2012/139164)
[30] US (61/474,598) 2011-04-12

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[25] EN
[54] **FLUIDIZED BED METHOD AND SYSTEM FOR GAS COMPONENT CAPTURE**
[54] **METHODE PAR LIT FLUIDISE ET SYSTEME DE CAPTURE DE COMPOSANT GAZEUX**
[72] KRUTKA, HOLLY, US
[72] WILSON, CODY, US
[72] STARNES, TRAVIS, US
[71] ADA-ES, INC., US
[85] 2013-10-09
[86] 2012-04-11 (PCT/US2012/033016)
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[30] US (61/474,103) 2011-04-11

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[13] A1

[51] **Int.Cl. C22C 38/14 (2006.01) C21D 8/02 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HOT-ROLLED STEEL SHEET FOR GAS NITROCARBURIZING AND MANUFACTURING METHOD THEREOF**
[54] **ACIER LAMINE A CHAUD POUR UN NITROCARBURATION GAZEUSE ET SON PROCEDE DE FABRICATION**
[72] YOKOI, TATSUO, JP
[72] SHUTO, HIROSHI, JP
[72] OKAMOTO, RIKI, JP
[72] FUJITA, NOBUHIRO, JP
[72] NAKANO, KAZUAKI, JP
[72] YAMAMOTO, TAKESHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **METHOD AND SYSTEM FOR PERSONALIZING IMAGES RENDERED IN SCENES FOR PERSONALIZED CUSTOMER EXPERIENCE**
[54] **PROCEDE ET SYSTEME DE PERSONNALISATION D'IMAGES RENDUES DANS DES SCENES POUR UNE EXPERIENCE PERSONNALISEE DU CLIENT**
[72] FERMIN, JOREL, US
[72] HSU, EUGENE, US
[72] WOODS, NATHANIEL P., US
[71] VISTAPRINT TECHNOLOGIES LIMITED, BM
[85] 2013-10-09
[86] 2012-04-11 (PCT/US2012/033104)
[87] (WO2012/142146)
[30] US (13/084,550) 2011-04-11
[30] US (13/205,604) 2011-08-08

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[51] **Int.Cl. C01B 3/34 (2006.01) C10J 3/20 (2006.01) F23G 5/00 (2006.01) F23G 5/027 (2006.01) F23G 5/50 (2006.01)**
[25] EN
[54] **WASTE TREATMENT**
[54] **TRAITEMENT DE DECHETS**
[72] CHAPMAN, CHRIS, GB
[72] STEIN, ROLF, GB
[72] BROOKS, MARTIN, GB
[72] MANUKIAN, EDWARD S., GB
[72] CLARK, ROBERT M., GB
[71] ADVANCED PLASMA POWER LIMITED, GB
[85] 2013-10-09
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[30] US (12/776,143) 2010-05-07

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[25] EN
[54] **STEEL SHEET FOR HOT STAMPING MEMBER AND METHOD OF PRODUCING SAME**
[54] **TOLE D'ACIER POUR ELEMENTS D'ESTAMPAGE A CHAUD ET SON PROCEDE DE PRODUCTION**
[72] TANAHASHI, HIROYUKI, JP
[72] MAKI, JUN, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-10-09
[86] 2012-04-26 (PCT/JP2012/061238)
[87] (WO2012/147863)
[30] JP (2011-100019) 2011-04-27

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[25] EN
[54] **PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR BOTTOM ASH AND FLY ASH**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DES CENDRES PRESENTES DANS LE FOND D'UN INCINERATEUR ET DES CENDRES VOLANTES**
[72] HICKS, KENT OLIS, CA
[72] CHAVDA, SURENDRA, CA
[72] SANTOIANNI, JAMES, US
[72] GORODETSKY, ALEKSANDR, CA
[72] VAN NIEROP, PIETER, CA
[71] ALTER NRG CORP., CA
[85] 2013-10-09
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[30] US (61/517,064) 2011-04-13
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[54] **DEVICES AND METHODS FOR SECURING TISSUE**
[54] **DISPOSITIFS ET PROCEDES POUR FIXER UN TISSU**
[72] NODA, WAYNE A., US
[71] INSIGHTRA MEDICAL, INC., US
[85] 2013-10-09
[86] 2012-05-29 (PCT/US2012/039803)
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[30] US (61/492,289) 2011-06-01
[30] US (13/240,018) 2011-09-22
[30] US (13/477,649) 2012-05-22

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[54] **INFUSION APPARATUS WITH FLOW DETECTOR**
[54] **APPAREIL DE PERFUSION AVEC DETECTEUR D'ECOULEMENT**
[72] COOKE, DOMINIC J., US
[72] DESAI, SIDDHARTH, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2013-10-09
[86] 2012-05-18 (PCT/IB2012/052513)
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[30] US (61/488,447) 2011-05-20
[30] US (13/474,403) 2012-05-17

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[51] **Int.Cl. H01F 27/36 (2006.01) H01F 38/28 (2006.01) H01F 38/34 (2006.01)**
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[54] **ELECTROSTATIC SHIELD FOR A TRANSFORMER**
[54] **BLINDAGE ELECTROSTATIQUE POUR TRANSFORMATEUR**
[72] SHAW, STEVEN A., US
[72] PATEL, JASHBHAI S., US
[71] ABB TECHNOLOGY AG, CH
[85] 2013-10-09
[86] 2012-04-12 (PCT/US2012/033286)
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01)**
[25] EN
[54] **MICRO-RNA INHIBITORS AND THEIR USES IN DISEASE**
[54] **INHIBITEURS DE MICRO-ARN ET LEURS UTILISATIONS DANS DES MALADIES**
[72] PANDOLFI, PIER PAOLO, US
[72] POLISENO, LAURA, US
[72] TAY, YVONNE, US
[72] SALMENA, LEONARDO, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2013-10-09
[86] 2012-04-12 (PCT/US2012/033359)
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[30] US (61/474,593) 2011-04-12

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[51] **Int.Cl. F24F 11/00 (2006.01) F16K 1/22 (2006.01) F24F 13/14 (2006.01)**
[25] EN
[54] **AUTOMATED FUNCTIONAL DIAGNOSIS**
[54] **DIAGNOSTIC FONCTIONNEL AUTOMATISE**
[72] SCHMIDLIN, PETER, CH
[72] LEHNERT, FRANK, CH
[71] BELIMO HOLDING AG, CH
[85] 2013-10-10
[86] 2012-04-11 (PCT/CH2012/000084)
[87] (WO2012/139236)
[30] CH (662/11) 2011-04-14

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[25] EN
[54] **HOT STAMPED ARTICLE, METHOD OF PRODUCING HOT STAMPED ARTICLE, ENERGY ABSORBING MEMBER, AND METHOD OF PRODUCING ENERGY ABSORBING MEMBER**
[54] **ARTICLE MOULE ESTAMPE A CHAUD ET SON PROCEDE DE PRODUCTION, ELEMENT D'ABSORPTION D'ENERGIE ET SON PROCEDE DE PRODUCTION**
[72] KAWASAKI, KAORU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-10-09
[86] 2012-05-11 (PCT/JP2012/062209)
[87] (WO2012/157581)
[30] JP (2011-108397) 2011-05-13
[30] JP (2011-108564) 2011-05-13
[30] JP (2011-198160) 2011-09-12
[30] JP (2011-198261) 2011-09-12

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING AN INTEREST PROFILE FOR A USER**
[54] **SYSTEMES ET PROCEDES DE CREATION D'UN PROFIL D'INTERET POUR UN UTILISATEUR**
[72] LEE, HYUN CHUL, CA
[72] MIAO, YINGBO, CA
[72] XU, LIQIN, CA
[71] ROGERS COMMUNICATIONS INC., CA
[85] 2013-10-10
[86] 2011-12-02 (PCT/CA2011/050744)
[87] (WO2012/174640)
[30] US (61/500,115) 2011-06-22

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[13] A1

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 4/06 (2009.01) H04W 12/02 (2009.01) H04B 1/707 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISTRIBUTED RADIO RESOURCE MANAGEMENT FOR INTERCELL INTERFERENCE COORDINATION**
[54] **PROCEDE ET APPAREIL DE GESTION DE RESSOURCES RADIO DISTRIBUEES POUR LA COORDINATION DU BROUILLAGE INTERCELLULAIRE**
[72] STEER, DAVID G., CA
[72] VRZIC, SOPHIE, CA
[72] BONTU, CHANDRA, CA
[71] BLACKBERRY LIMITED, CA
[85] 2013-10-10
[86] 2011-06-09 (PCT/CA2011/000671)
[87] (WO2012/167342)

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[13] A1

[51] **Int.Cl. H02M 1/42 (2007.01)**
[25] EN
[54] **CIRCUIT ADAPTED TO SUPPLY A VOLTAGE TO AN ELECTRONIC DEVICE AND USES THEREOF**
[54] **CIRCUIT ADAPTE POUR ALIMENTER EN UNE TENSION UN DISPOSITIF ELECTRONIQUE ET SES UTILISATIONS**
[72] MANCIC, MILAN, RS
[72] MOLLER, NICHOLAS, HR
[72] MOLLER, NICHOLAS, HR
[71] MANCIC, MILAN, RS
[71] MOLLER, NICHOLAS, HR
[85] 2013-10-10
[86] 2012-04-13 (PCT/DK2012/000038)
[87] (WO2012/139576)
[30] DK (PA 2011 00299) 2011-04-15
[30] DK (PA 2011 00564) 2011-07-22

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[51] **Int.Cl. G01V 1/00 (2006.01)**
[25] EN
[54] **TRUE-AMPLITUDE LAYER-STRIPPING IN FRACTURED MEDIA**
[54] **ENLEVEMENT DE COUCHES EN AMPLITUDE VRAIE DANS LES MILIEUX FRACTURES**
[72] BANSAL, REESHIDEV, US
[72] MATHENEY, MICHAEL P., US
[72] LIU, ENRU, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-10-10
[86] 2012-03-09 (PCT/US2012/028545)
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[30] US (61/484,949) 2011-05-11

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[13] A1

[51] **Int.Cl. C12Q 1/00 (2006.01)**
[25] EN
[54] **NEW METHOD FOR ENZYME-MEDIATED SIGNAL AMPLIFICATION**
[54] **NOUVEAU PROCEDE D'AMPLIFICATION DE SIGNAL A MEDIATION ENZYMATIQUE**
[72] LOHSE, JESPER, DK
[72] SKLADTCHIKOVA, GALINA, DK
[71] DAKO DENMARK A/S, DK
[85] 2013-10-10
[86] 2012-04-19 (PCT/DK2012/000049)
[87] (WO2012/143010)
[30] US (61/476, 958) 2011-04-19
[30] US (61/556.917) 2011-11-08

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[51] **Int.Cl. C02F 5/08 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **RARE EARTH REMOVAL OF HYDRATED AND HYDROXYL SPECIES**
[54] **ELIMINATION PAR TERRES RARES D'ESPECES HYDRATEES ET HYDROXYLEES**
[72] CABLE, ROBERT, US
[72] HASSLER, CARL, US
[72] BURBA, JOHN, US
[71] MOLYCORP MINERALS, LLC, US
[85] 2013-10-10
[86] 2012-03-28 (PCT/US2012/030976)
[87] (WO2012/141896)
[30] US (61/474,902) 2011-04-13
[30] US (61/475,155) 2011-04-13
[30] US (61/476,667) 2011-04-18
[30] US (61/484,919) 2011-05-11
[30] US (61/495,731) 2011-06-10
[30] US (61/496,425) 2011-06-13
[30] US (61/538,634) 2011-09-23
[30] US (13/244,092) 2011-09-23
[30] US (13/244,117) 2011-09-23
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[30] US (61/546,803) 2011-10-13
[30] US (61/553,809) 2011-10-31
[30] US (61/558,887) 2011-11-11
[30] US (61/564,132) 2011-11-28
[30] US (13/356,581) 2012-01-23
[30] US (13/356,574) 2012-01-23
[30] US (61/596,851) 2012-02-09
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[30] US (61/613,883) 2012-03-21
[30] US (61/613,857) 2012-03-21
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[30] US (13/432,895) 2012-03-28

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[51] **Int.Cl. G06F 17/20 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MATCHING COMMENT DATA TO TEXT DATA**
[54] **SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE DE DONNEES DE COMMENTAIRE AVEC DES DONNEES DE TEXTE**
[72] LEE, HYUN CHUL, CA
[72] XU, LIQIN, CA
[72] ZENG, KE, CA
[71] ROGERS COMMUNICATIONS INC., CA
[85] 2013-10-10
[86] 2011-10-05 (PCT/CA2011/050628)
[87] (WO2012/174637)
[30] US (61/500,116) 2011-06-22

[21] **2,832,910**
[13] A1

[51] **Int.Cl. A61K 38/57 (2006.01) A61K 9/14 (2006.01) A61K 9/72 (2006.01) A61P 11/00 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PREVENTING OR TREATING DISEASES, CONDITIONS, OR PROCESSES CHARACTERIZED BY ABERRANT FIBROBLAST PROLIFERATION AND EXTRACELLULAR MATRIX DEPOSITION**
[54] **COMPOSITIONS ET METHODES DE PREVENTION OU DE TRAITEMENT DE MALADIES, D'AFFECTIONS OU DE PROCESSUS CARACTERISES PAR UNE PROLIFERATION ABERRANTE DES FIBROBLASTES ET UN DEPOT DE MATRICE EXTRACELLULAIRE**
[72] LANDER, CYNTHIA, US
[72] BROPHY, COLLEEN, US
[71] LANDER, CYNTHIA, US
[71] BROPHY, COLLEEN, US
[71] MOERAE MATRIX, INC., US
[85] 2013-10-09
[86] 2012-04-12 (PCT/US2012/033368)
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[21] **2,832,911**
[13] A1

[51] **Int.Cl. G06F 17/20 (2006.01) G06F 17/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FILTERING DOCUMENTS**
[54] **SYSTEME ET PROCEDE DE FILTRAGE DE DOCUMENTS**
[72] LEE, HYUN CHUL, CA
[72] CVET, MICHAEL, US
[72] BRAZIUNAS, DARIUS, CA
[71] ROGERS COMMUNICATIONS INC., CA
[85] 2013-10-10
[86] 2011-10-05 (PCT/CA2011/050629)
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[21] **2,832,912**
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING TELEPHONY SERVICES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE SERVICES DE TELEPHONIE**
[72] OREN, AMICHAY, IL
[72] HARDY, GREGORY, US
[72] GUST, MOTI, IL
[71] VONAGE NETWORK, LLC, US
[85] 2013-10-10
[86] 2012-03-29 (PCT/US2012/031103)
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[30] US (61/473,911) 2011-04-11
[30] US (13/102,217) 2011-05-06

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[51] **Int.Cl. C11B 1/10 (2006.01) A23D 9/04 (2006.01) A23J 1/04 (2006.01) A23J 7/00 (2006.01) A23L 1/30 (2006.01) A23L 1/326 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE ISOLATION OF A PHOSPHOLIPID**
[54] **PROCEDE POUR L'ISOLEMENT D'UN PHOSPHOLIPIDE**
[72] SOERENSEN, HANS OTTO, DK
[72] JENSEN, NILS CHRISTIAN, DK
[71] POLAR OMEGA A/S, DK
[85] 2013-10-10
[86] 2012-04-13 (PCT/DK2012/050124)
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[30] EP (11162366.6) 2011-04-14

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[13] A1

[51] **Int.Cl. G06Q 20/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR MANAGING PAYMENTS**
[54] **SYSTEME ET PROCEDES DE GESTION DE PAIEMENTS**
[72] KHAN, FARID, CA
[72] KHAN, AHAZ, CA
[71] CAARITRA INC., CA
[85] 2013-10-10
[86] 2012-04-05 (PCT/CA2012/000340)
[87] (WO2012/139197)
[30] US (61/474,086) 2011-04-11

[21] **2,832,915**
[13] A1

[51] **Int.Cl. H04J 14/06 (2006.01) H04J 14/02 (2006.01) H04J 14/08 (2006.01)**
[25] EN
[54] **TRANSPORT OF MULTIPLE ASYNCHRONOUS DATA STREAMS USING HIGHER ORDER MODULATION**
[54] **TRANSPORT DE PLUSIEURS TRAINS DE DONNEES ASYNCHRONES A L'AIDE D'UNE MODULATION D'ORDRE SUPERIEUR**
[72] KOLEY, BIKASH, US
[72] VUSIRIKALA, VIJAYANAND, US
[72] LIU, HONG, US
[71] GOOGLE INC., US
[85] 2013-10-10
[86] 2012-04-04 (PCT/US2012/032055)
[87] (WO2012/145165)
[30] US (13/089,437) 2011-04-19

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[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **PESSARY DEVICE HAVING IMPROVED COMFORT**
[54] **DISPOSITIF DE PESSAIRE PRESENTANT UN CONFORT AMELIORE**
[72] KARAPASHA, NANCY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-10-10
[86] 2012-04-04 (PCT/US2012/032073)
[87] (WO2012/141951)
[30] US (13/084,014) 2011-04-11
[30] US (13/084,054) 2011-04-11
[30] US (13/084,114) 2011-04-11

[21] **2,832,917**
[13] A1

[51] **Int.Cl. F17D 5/06 (2006.01) F04B 43/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING CONDITION OF PIPING AND A SEQUENCE CONTROLLED SAMPLE PUMP**
[54] **PROCEDE DE DETERMINATION DE L'ETAT DE TUYAUTERIES ET D'UNE POMPE A ECHANTILLONS A COMMANDE SEQUENTIELLE**
[72] ROINE, JOHANNES, FI
[72] KALL, LEIF, FI
[72] ANTONSON, OLLI, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT, FI
[85] 2013-10-10
[86] 2012-04-05 (PCT/FI2012/050346)
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[30] FI (20115342) 2011-04-11

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[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RANKING DOCUMENT CLUSTERS**
[54] **SYSTEMES ET PROCEDES DE CLASSEMENT DE GROUPES DE DOCUMENTS**
[72] ESTRADA GUADARRAMA, FRANCISCO JAVIER, CA
[72] BRAZIUNAS, DARIUS, CA
[72] LEE, HYUN CHUL, CA
[71] ROGERS COMMUNICATIONS INC., CA
[85] 2013-10-10
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[25] EN	[25] EN	[25] EN
[54] COMPOUNDS, COMPOSITIONS, AND THERAPEUTIC USES THEREOF	[54] METHOD FOR MANUFACTURING AND UTILIZING FERRITIC-AUSTENITIC STAINLESS STEEL	[54] TERNARY FUNGICIDAL COMPOSITIONS COMPRISING A DITHIINO-TETRACARBOXAMIDE FUNGICIDE
[54] COMPOSITIONS ET UTILISATIONS THERAPEUTIQUES D'INHIBITEURS DE LA KINASE EPSILON LIEE A IKK ET DE LA KINASE 1 DE LIAISON A TANK	[54] PROCEDE DE FABRICATION ET D'UTILISATION D'ACIER INOXYDABLE FERRITIQUE-AUSTENITIQUE	[54] COMPOSITIONS FONGICIDES TERNAIRES COMPORTANT UN FONGICIDE DITHIINO-TETRACARBOXAMIDE
[72] HOLCOMB, RYAN C., US	[72] OLIVER, JAMES, SE	[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] SEBAHAR, PAUL R., US	[72] JONSSON, JAN Y., SE	[72] WETCHOLOWSKY, INGO, DE
[72] SUZUKI, KAZUYUKI, JP	[72] TALONEN, JUHO, FI	[72] KRAUS, ANTON, DE
[72] MCLEOD, DONALD A., US	[72] PETTERSSON, RACHEL, SE	[72] SEITZ, THOMAS, DE
[72] DASTRUP, DAVID M., US	[72] ANDERSSON, JAN-OLOF, SE	[72] GERALDES, JOSE AUGUSTO, BR
[72] HOARAU, CHRISTOPHE, US	[71] OUTOKUMPU OYJ, FI	[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[72] HALTER, ROBERT J., US	[85] 2013-10-10	[85] 2013-10-10
[72] BURSAVICH, MATTHEW GREGORY, US	[86] 2012-04-18 (PCT/FI2012/050379)	[86] 2012-03-28 (PCT/EP2012/055467)
[72] SHENDEROVICH, MARK D., US	[87] (WO2012/143610)	[87] (WO2012/139886)
[72] RICHARDS, BURT, US	[30] FI (PCT/FI2011/050345) 2011-04-18	[30] EP (11162174.4) 2011-04-13
[72] BARTEL, PAUL L., US	[30] FI (FI20110375) 2011-10-28	[30] US (61/474,918) 2011-04-13
[71] ALZHELMER'S INSTITUTE OF AMERICA, INC., US		
[85] 2013-10-09	[21] 2,832,922 [13] A1	[21] 2,832,924 [13] A1
[86] 2012-04-12 (PCT/US2012/033384)	[51] Int.Cl. C12N 15/113 (2010.01) C07K 14/56 (2006.01) C12N 15/00 (2006.01) C12N 15/21 (2006.01) C12N 15/67 (2006.01) C12N 15/85 (2006.01)	[51] Int.Cl. A01N 43/90 (2006.01) A01N 37/50 (2006.01) A01N 43/653 (2006.01) A01N 61/00 (2006.01) A01P 3/00 (2006.01)
[87] (WO2012/142329)	[25] EN	[25] EN
[30] US (61/474,366) 2011-04-12	[54] EXPRESSION SYSTEM WITH SAR ELEMENT FROM IFNA2	[54] TERNARY FUNGICIDAL COMPOSITIONS COMPRISING A DITHIINO-TETRACARBOXAMIDE FUNGICIDE
	[54] SYSTEME D'EXPRESSION A UN ELEMENT SAR D'IFN?2	[54] COMPOSITIONS FONGICIDES TERNAIRES COMPORTANT UN FONGICIDE DITHIINO-TETRACARBOXAMIDE
	[72] DUROCHER, YVES, CA	[72] WACHENDORFF-NEUMANN, ULRIKE, DE
	[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA	[72] WETCHOLOWSKY, INGO, DE
	[85] 2013-10-10	[72] KRAUS, ANTON, DE
	[86] 2012-03-20 (PCT/CA2012/000254)	[72] SEITZ, THOMAS, DE
	[87] (WO2012/139195)	[72] GERALDES, JOSE AUGUSTO, BR
	[30] US (61/474,879) 2011-04-13	[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[21] 2,832,920 [13] A1		[85] 2013-10-10
[51] Int.Cl. B41M 3/00 (2006.01) B44F 7/00 (2006.01) G02B 5/30 (2006.01) G02B 27/22 (2006.01) B41M 3/06 (2006.01)		[86] 2012-03-28 (PCT/EP2012/055475)
[25] EN		[87] (WO2012/139889)
[54] PRINTED DEVICE WITH THREE DIMENSIONAL APPEARANCE		[30] EP (11162173.6) 2011-04-13
[54] DISPOSITIF IMPRIME A ASPECT TRIDIMENSIONNEL		[30] US (61/474,921) 2011-04-13
[72] LEFEBVRE, OLIVIER, CH		
[72] DEGOTT, PIERRE, CH		
[72] DEMANGE, RAYNALD, CH		
[72] PIETROLUNGO, NICOLAS, CH		
[71] SICPA HOLDING SA, CH		
[85] 2013-10-10		
[86] 2012-02-15 (PCT/EP2012/052556)		
[87] (WO2012/163553)		
[30] US (61/491,734) 2011-05-31		
[30] EP (11168298.5) 2011-05-31		

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[13] A1

[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BIOLOGICALLY TREATING COKING-PLANT WASTEWATER**
[54] **PROCEDE ET INSTALLATION D'EPURATION BIOLOGIQUE D'EAUX RESIDUAIRES DE COKERIE**
[72] THIELERT, HOLGER, DE
[71] THYSSENKRUPP UHDE GMBH, DE
[85] 2013-10-10
[86] 2012-04-02 (PCT/EP2012/055986)
[87] (WO2012/139917)
[30] DE (10 2011 001 962.6) 2011-04-11

[21] **2,832,929**
[13] A1

[51] **Int.Cl. H04W 72/02 (2009.01) H04W 28/04 (2009.01) H04B 15/00 (2006.01)**
[25] EN
[54] **PROVIDING MOBILE-GUIDED DOWNLINK INTERFERENCE MANAGEMENT**
[54] **FOURNITURE DE GESTION DE BROUILLAGE DE LIAISON DESCENDANTE GUIDEE PAR MOBILE**
[72] EARNSHAW, ANDREW MARK, CA
[72] JIN, XIN, CA
[72] WENG, JIANFENG, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-07-19
[86] 2011-01-21 (PCT/CA2011/050037)
[87] (WO2012/097433)

[21] **2,832,932**
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/64 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **PROCESS FOR GENETICALLY ENGINEERING ACIDOPHILIC BACTERIA AND CONSTRUCTING A TRANSFORMATION VECTOR**
[54] **PROCEDE DE MODIFICATION GENETIQUE DE BACTERIES ACIDOPHILES ET CONSTRUCTION D'UN VECTEUR DE TRANSFORMATION**
[72] CHRIST, ANA PAULA GUARNIERI, BR
[72] ALEXANDRINO, FABIANA, BR
[72] GARCIA, OSWALDO, JR., BR
[71] UNICAMP - UNIVERSIDADE ESTADUAL DE CAMPINAS, BR
[71] VALE S.A., BR
[71] UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO, BR
[85] 2013-08-29
[86] 2012-02-17 (PCT/BR2012/000045)
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[13] A1

[51] **Int.Cl. A61K 31/5383 (2006.01) A61K 9/00 (2006.01) A61K 31/7036 (2006.01) A61K 38/39 (2006.01) A61K 45/06 (2006.01) A61L 26/00 (2006.01) A61P 17/02 (2006.01) A61P 31/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING BACTERIAL INFECTION**
[54] **PROCEDES POUR TRAITER UNE INFECTION BACTERIENNE**
[72] PRIOR, DAVID, IE
[71] INNOCOLL TECHNOLOGIES LIMITED, IE
[85] 2013-10-10
[86] 2012-04-02 (PCT/EP2012/055995)
[87] (WO2012/139918)
[30] EP (11161898.9) 2011-04-11
[30] US (13/085,585) 2011-04-13

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[13] A1

[51] **Int.Cl. D01F 6/04 (2006.01) C08F 210/02 (2006.01)**
[25] EN
[54] **CREEP -OPTIMIZED UHMWPE FIBER**
[54] **FIBRE D'UHMWPE A COMPORTEMENT AU FLUAGE OPTIMISE**
[72] BOESTEN, JORN, NL
[72] VLASBLOM, MARTIN PIETER, NL
[72] MATLOKA, PIOTR, NL
[72] KIDD, TIMOTHY JAMES, NL
[72] BERTHOUD, ROMAIN, NL
[72] HEIJNEN, JOHANNES HENDRIKUS MARIE, NL
[71] DSM IP ASSETS B.V., NL
[85] 2013-10-10
[86] 2012-04-03 (PCT/EP2012/056079)
[87] (WO2012/139934)
[30] EP (11162246.0) 2011-04-13

[21] **2,832,935**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **NEEDLE ASSEMBLY STORAGE DEVICE**
[54] **DISPOSITIF DE RANGEMENT D'UN ENSEMBLE AIGUILLE**
[72] DASBACH, UWE, DE
[72] HOFMANN, VERENA, DE
[72] JUNG, GUNNAR, DE
[72] NOBER, PETER, DE
[72] ZEIMETZ, LEO, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[87] (WO2012/140087)
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[13] A1

[51] **Int.Cl. C07D 409/10 (2006.01) C07D 409/14 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF COMPOUNDS USEFUL AS INHIBITORS OF SGLT2**

[54] **PROCEDE DE PREPARATION DE COMPOSES UTILES EN TANT QU'INHIBITEURS DE SGLT2**

[72] HOUPIS, IOANNIS NICOLAOS, BE

[72] LEMAIRE, SEBASTIEN FRANCOIS EMMANUEL, BE

[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2013-10-10

[86] 2012-04-12 (PCT/EP2012/056649)

[87] (WO2012/140120)

[30] US (61/474,936) 2011-04-13

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[13] A1

[51] **Int.Cl. A61B 5/097 (2006.01) A61B 5/083 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINING THE METABOLIC CAPACITY OF AT LEAST ONE ENZYME**

[54] **PROCEDE POUR LA DETERMINATION DE LA CAPACITE METABOLIQUE D'AU MOINS UNE ENZYME**

[72] HEYNE, KARSTEN, DE

[72] STOCKMANN, MARTIN, DE

[72] RUBIN, TOM, DE

[71] HUMEDICS GMBH, DE

[85] 2013-10-10

[86] 2012-04-13 (PCT/EP2012/056808)

[87] (WO2012/140213)

[30] DE (10 2011 007 310.8) 2011-04-13

[30] US (61/476,113) 2011-04-15

[21] **2,832,944**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/10 (2012.01)**

[25] EN

[54] **ONE-TOUCH PLATFORM FOR PRODUCT REGISTRATION AND SUPPORT**

[54] **PLATE-FORME UNE TOUCHE DESTINEE A UN ENREGISTREMENT DE PRODUIT ET SUPPORT**

[72] TUCHMAN, KENNETH D., US

[72] SHARPE, BRUCE A., US

[72] TRUONG, HENRY D., US

[72] RAHN, ALAN B., US

[71] TELETECH HOLDINGS, INC., US

[85] 2013-10-10

[86] 2012-04-12 (PCT/US2012/033399)

[87] (WO2012/142340)

[30] US (13/085,397) 2011-04-12

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[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01) A01N 51/00 (2006.01) A01N 63/04 (2006.01) A01P 5/00 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **PESTICIDAL COMPOSITIONS**

[54] **COMPOSITIONS PESTICIDES**

[72] PEDERSEN, PALLE, US

[72] WATRIN, CLIFFORD GEORGE, US

[72] OOSTENDORP, MICHAEL, CH

[72] DE OLIVEIRA, ANDRE LUIZ-FREITAS, CH

[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2013-10-10

[86] 2012-04-13 (PCT/EP2012/056806)

[87] (WO2012/140212)

[30] US (61/475,863) 2011-04-15

[21] **2,832,941**
[13] A1

[51] **Int.Cl. B62M 3/00 (2006.01) B62M 6/50 (2010.01)**

[25] EN

[54] **BOTTOM BRACKET UNIT FOR A BICYCLE**

[54] **ENSEMBLE PEDALIER DE BICYCLETTE**

[72] NEUBAUER, MARKUS, DE

[72] GLUCK, STEFAN, DE

[72] BENKERT, FRANK, DE

[71] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE

[85] 2013-10-10

[86] 2012-04-17 (PCT/EP2012/056955)

[87] (WO2012/152540)

[30] DE (10 2011 075 709.0) 2011-05-12

[21] **2,832,945**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/10 (2012.01) G06F 9/44 (2006.01)**

[25] EN

[54] **ONE-TOUCH SUPPORT SERVICES APPLICATION PROGRAMMING INTERFACES**

[54] **INTERFACES DE PROGRAMMATION D'APPLICATION DE SERVICES DE SUPPORT A TOUCHE UNIQUE**

[72] TUCHMAN, KENNETH D., US

[72] SHARPE, BRUCE A., US

[72] TRUONG, HENRY D., US

[72] RAHN, ALAN B., US

[71] TELETECH HOLDINGS, INC., US

[85] 2013-10-10

[86] 2012-04-12 (PCT/US2012/033400)

[87] (WO2012/142341)

[30] US (13/085,398) 2011-04-12

[21] **2,832,942**
[13] A1

[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01)**

[25] EN

[54] **REUSE PROTECTION FOR DISPOSABLE PARTS**

[54] **PROTECTION REUTILISABLE POUR PIECES JETABLES**

[72] NESSEL, CHRISTIAN, DE

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-10-10

[86] 2012-05-04 (PCT/EP2012/058254)

[87] (WO2012/152694)

[30] EP (11165115.4) 2011-05-06

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[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/10 (2012.01) G06F 9/44 (2006.01)**
[25] EN
[54] **METHODS FOR PROVIDING DYNAMIC AND PROACTIVE SUPPORT SERVICES**
[54] **PROCEDES PERMETTANT DE FOURNIR DES SERVICES DE SUPPORT DYNAMIQUES ET PROACTIFS**
[72] TUCHMAN, KENNETH D., US
[72] SHARPE, BRUCE A., US
[72] TRUONG, HENRY D., US
[72] RAHN, ALAN B., US
[71] TELETECH HOLDINGS, INC., US
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033401)
[87] (WO2012/142342)
[30] US (13/085,399) 2011-04-12

[21] **2,832,948**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **METHODS FOR PROVIDING SUPPORT SERVICES VIA AN AVAILABLE COMMUNICATION CHANNEL BASED ON USER PREFERENCE AND CLIENT PREFERENCE**
[54] **PROCEDES SERVANT A FOURNIR DES SERVICES DE SUPPORT PAR L'INTERMEDIAIRE D'UN CANAL DE COMMUNICATION DISPONIBLE SUR LA BASE DE LA PREFERENCE D'UN UTILISATEUR ET DE LA PREFERENCE D'UN CLIENT**
[72] TUCHMAN, KENNETH D., US
[72] SHARPE, BRUCE A., US
[72] TRUONG, HENRY D., US
[72] RAHN, ALAN B., US
[71] TELETECH HOLDINGS, INC., US
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033404)
[87] (WO2012/142344)
[30] US (13/085,404) 2011-04-12

[21] **2,832,949**
[13] A1

[51] **Int.Cl. H04M 3/51 (2006.01)**
[25] EN
[54] **METHODS FOR PROVIDING SELF-SUPPORT SERVICES USING INFORMATION FROM A VIRAL SOURCE**
[54] **PROCEDES PERMETTANT DE PROPOSER DES SERVICES D'AUTOASSISTANCE GRACE A DES INFORMATIONS EN PROVENANCE D'UNE SOURCE VIRALE**
[72] TUCHMAN, KENNETH D., US
[72] SHARPE, BRUCE A., US
[72] TRUONG, HENRY D., US
[72] RAHN, ALAN B., US
[71] TELETECH HOLDINGS, INC., US
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033405)
[87] (WO2012/142345)
[30] US (13/085,406) 2011-04-12

[21] **2,832,950**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **DYNAMIC ASSESSMENT SYSTEM FOR HIGH-VOLTAGE ELECTRICAL COMPONENTS**
[54] **SYSTEME D'EVALUATION DYNAMIQUE POUR DES COMPOSANTS ELECTRIQUES HAUTE TENSION**
[72] CHEIM, LUIZ V., US
[72] LORIN, PIERRE, CH
[71] ABB TECHNOLOGY AG, CH
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033433)
[87] (WO2012/142355)
[30] US (61/475,852) 2011-04-15

[21] **2,832,951**
[13] A1

[51] **Int.Cl. C07H 13/04 (2006.01) A61K 31/7034 (2006.01) A61P 3/00 (2006.01) C07D 407/10 (2006.01) C07D 413/10 (2006.01) C07D 417/10 (2006.01) C07H 15/04 (2006.01) C07H 15/12 (2006.01) C07H 15/14 (2006.01) C07H 15/203 (2006.01) C07H 19/044 (2006.01) C07H 19/24 (2006.01)**
[25] EN
[54] **GLYCOSIDE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE GLYCOSIDE ET LEURS UTILISATIONS**
[72] BEBERNITZ, GREGORY RAYMOND, US
[72] BOCK, MARK GARY, US
[71] NOVARTIS AG, CH
[85] 2013-10-09
[86] 2012-04-12 (PCT/IB2012/051798)
[87] (WO2012/140596)
[30] US (61/475,493) 2011-04-14

[21] **2,832,953**
[13] A1

[51] **Int.Cl. A61K 31/498 (2006.01) A61P 11/02 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF NASAL CONDITIONS**
[54] **COMPOSITIONS ET METHODES UTILISEES DE TRAITEMENT D'AFFECTIONS NASALES**
[72] HORN, GERALD, US
[71] EYE THERAPIES LLC, US
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033461)
[87] (WO2012/142372)
[30] US (13/066,370) 2011-04-13
[30] US (13/406,321) 2012-02-27

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[13] A1

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[25] EN
[54] **ASSEMBLY OF AIR AND PNEUMATIC DEVICES**
[54] **ENSEMBLE DE DISPOSITIFS A AIR ET PNEUMATIQUES**
[72] PISKORZ, WALDEMAR, PL
[72] PISKORZ, TOMASZ TADEUSZ, PL
[71] PISKORZ, WALDEMAR, PL
[71] PISKORZ, TOMASZ TADEUSZ, PL
[85] 2013-10-10
[86] 2012-03-28 (PCT/PL2012/000018)
[87] (WO2012/141603)
[30] PL (P-394367) 2011-04-14

[21] **2,832,955**
[13] A1

[51] **Int.Cl. C07C 27/00 (2006.01) C07C 29/10 (2006.01) C07C 31/125 (2006.01) C07D 405/06 (2006.01) C07B 51/00 (2006.01)**

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[54] **DEPROTECTION METHOD FOR PROTECTED HYDROXYL GROUP**
[54] **PROCEDE DE DEPROTECTION POUR UN GROUPE HYDROXYLE PROTEGE**
[72] ISHIBASHI, YUICHIRO, JP
[72] MATSUMURA, YASUSHI, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[85] 2013-10-10
[86] 2012-04-19 (PCT/JP2012/060623)
[87] (WO2012/144562)
[30] JP (2011-095211) 2011-04-21

[21] **2,832,956**
[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01) B64C 39/02 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING AN UNMANNED AERIAL VEHICLE**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN AERONEF NON HABITE**
[72] METZLER, BERNHARD, AT
[72] SIERCKS, KNUT, CH
[71] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2013-10-10
[86] 2012-04-13 (PCT/EP2012/056760)
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[30] EP (11162507.5) 2011-04-14

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[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01)**

[25] EN
[54] **MEDICATED MODULE WITH AUTOMATIC RESERVOIR ENGAGEMENT AND LOCK MECHANISM**
[54] **MODULE A MEDICATION COMPORTANT UN MECANISME DE PRISE ET VERROUILLAGE AUTOMATIQUE D'UN RESERVOIR**
[72] CROSS, JOHN DAVID, GB
[72] BAINTON, MICHAEL, GB
[72] KOUYOUMJIAN, GAREN, GB
[72] MERCER, DAVID RICHARD, GB
[72] BOYD, MALCOLM STANLEY, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-10-10
[86] 2012-04-19 (PCT/EP2012/057150)
[87] (WO2012/143434)
[30] EP (11163364.0) 2011-04-21

[21] **2,832,958**
[13] A1

[51] **Int.Cl. C07D 405/10 (2006.01) A61K 31/70 (2006.01) A61P 3/10 (2006.01)**

[25] EN
[54] **GLYCOSIDE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF DIABETES**
[54] **DERIVES DE GLYCOSIDE ET LEURS UTILISATIONS DANS LE TRAITEMENT DU DIABETE**
[72] BEBERNITZ, GREGORY RAYMOND, US
[71] NOVARTIS AG, CH
[85] 2013-10-09
[86] 2012-04-12 (PCT/IB2012/051799)
[87] (WO2012/140597)
[30] US (61/475,476) 2011-04-14

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[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) F04B 53/08 (2006.01)**

[25] EN
[54] **ESP THRUST MODULE WITH ENHANCED LUBRICATION AND TEMPERATURE DISSIPATION**
[54] **MODULE DE POUSSEE DE POMPE SUBMERSIBLE ELECTRIQUE PRESENTANT UNE LUBRIFICATION ET UNE DISSIPATION THERMIQUE MEILLEURES**
[72] TETZLAFF, STEVEN K., US
[72] CRAIG, CHAD A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-10-10
[86] 2012-04-10 (PCT/US2012/032832)
[87] (WO2013/106055)
[30] US (13/086,503) 2011-04-14

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[13] A1

[51] **Int.Cl. C12M 1/06 (2006.01) B01D 15/08 (2006.01) B01D 15/22 (2006.01) C12P 7/04 (2006.01)**

[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING AND REFINING PRODUCT MANUFACTURED BY MICROBIAL FERMENTATION BY USING ADSORBENT**
[54] **APPAREIL ET PROCEDE DE SEPARATION ET DE RAFFINAGE DE FERMENTATION DE PRODUIT FABRIQUE PAR FERMENTATION DE MICRO-ORGANISMES A L'AIDE D'ADSORBANT**
[72] LEE, SANG-HYUN, KR
[72] EOM, MOON-HO, KR
[72] LEE, JULIA, KR
[72] JEON, SANG-JUN, KR
[72] CHO, JUNG-HEE, KR
[72] CHOI, JIN DAL RAE, KR
[71] GS CALTEX CORPORATION, KR
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[86] 2012-04-13 (PCT/KR2012/002845)
[87] (WO2012/141546)
[30] KR (10-2011-0034883) 2011-04-14

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[13] A1

[51] **Int.Cl. A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **PLANTS HAVING ONE OR MORE ENHANCED YIELD-RELATED TRAITS AND METHOD FOR MAKING THE SAME**

[54] **PLANTES AYANT DES CARACTERISTIQUES LIEES AU RENDEMENT AMELIOREES ET PROCEDE DE FABRICATION ASSOCIE**

[72] REUZEAU, CHRISTOPHE, FR
[72] VANDENABEELE, STEVEN, BE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE

[85] 2013-10-09
[86] 2012-04-13 (PCT/IB2012/051811)
[87] (WO2012/143830)
[30] US (61/476,343) 2011-04-18
[30] EP (11162842.6) 2011-04-18

[21] **2,832,963**
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/24 (2006.01) A61M 39/24 (2006.01) F16K 15/14 (2006.01)**

[25] EN

[54] **FLEXIBLE VALVE GEOMETRY FOR THE USE OF RIGID MATERIALS**

[54] **GEOMETRIE DE ROBINET FLEXIBLE POUR L'UTILISATION DE MATERIAUX RIGIDES**

[72] HOLTWICK, MARC, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-10-10
[86] 2012-05-04 (PCT/EP2012/058255)
[87] (WO2012/152695)
[30] EP (11165118.8) 2011-05-06

[21] **2,832,964**
[13] A1

[51] **Int.Cl. E02F 9/00 (2006.01) H02G 11/02 (2006.01)**

[25] EN

[54] **SELF-PROPELLED CABLE RELAY TRUCK**

[54] **CAMION RELAIS A CABLE AUTOTRACTE**

[72] TOJIMA, MASANORI, JP
[72] TAKEDA, KOJI, JP
[72] YAMASHITA, KOUICHI, JP
[71] KOMATSU LTD., JP

[85] 2013-10-10
[86] 2012-05-09 (PCT/JP2012/061825)
[87] (WO2012/153754)
[30] JP (2011-105747) 2011-05-10

[21] **2,832,965**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/00 (2006.01) A61M 5/50 (2006.01)**

[25] EN

[54] **DRUG DELIVERY DEVICE COMPRISING SAFETY LOCK MEMBER**

[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT COMPRENANT UN ELEMENT DE VERROUILLAGE DE SECURITE**

[72] TEUCHER, AXEL, DE
[72] JUGL, MICHAEL, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-10-10
[86] 2012-05-11 (PCT/EP2012/058709)
[87] (WO2012/156286)
[30] EP (11165947.0) 2011-05-13

[21] **2,832,966**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01) B01D 53/14 (2006.01) B01D 53/74 (2006.01) B01D 53/92 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REMOVAL OF CARBON DIOXIDE FROM AUTOMOBILE, HOUSEHOLD AND INDUSTRIAL EXHAUST GASES**

[54] **PROCEDE ET APPAREIL POUR L'ELIMINATION DE DIOXYDE DE CARBONE A PARTIR DES GAZ D'ECHAPPEMENT AUTOMOBILE, DOMESTIQUE ET INDUSTRIEL**

[72] ZIELINSKI, MAREK, US
[72] WALA, HENRY, US
[72] SZEREJKO, DARIUZ, US
[72] RYNNE, DONALD, US
[71] RYN COSMOS, LLC, US

[85] 2013-10-10
[86] 2012-04-17 (PCT/US2012/033917)
[87] (WO2012/145303)
[30] US (61/476,651) 2011-04-18
[30] US (61/554,036) 2011-11-01

[21] **2,832,967**
[13] A1

[51] **Int.Cl. F04D 29/22 (2006.01)**

[25] EN

[54] **LOW-WEAR SLURRY PUMP**

[54] **POMPE A FAIBLE USURE POUR BOUILLIE**

[72] FRATER, JOHN, US
[72] MCGAHEE, RICKY, US
[71] FLSMIDTH A/S, DK

[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033480)
[87] (WO2012/142386)
[30] US (61/475,631) 2011-04-14

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[21] **2,832,968**
[13] A1

[51] **Int.Cl. A47J 31/46 (2006.01) F16K 31/38 (2006.01) G05D 7/01 (2006.01)**
[25] EN
[54] **ADAPTIVE FLOW CONTROL DEVICE FOR A FLOW OF A LIQUID, IN PARTICULAR FOR USE IN A COFFEE-MAKING MACHINE**
[54] **DISPOSITIF DE COMMANDE DE FLUX ADAPTATIVE DESTINE A UN FLUX DE LIQUIDE, ET EN PARTICULIER A UNE MACHINE A CAFE**
[72] VANNI, ALFREDO, IT
[72] BUGNANO, LUCA, IT
[72] CABILLI, ALBERTO, IT
[72] JACAZIO, GIOVANNI, IT
[72] GASTALDI, LAURA, IT
[72] SORLI, MASSIMO, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2013-10-09
[86] 2012-04-19 (PCT/IB2012/051972)
[87] (WO2012/143884)
[30] IT (TO2011A000349) 2011-04-20

[21] **2,832,970**
[13] A1

[51] **Int.Cl. C07C 233/55 (2006.01) A61K 31/195 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **BRANCHED 3-PHENYLPROPIONIC ACID DERIVATIVES AND THE USE THEREOF**
[54] **DERIVES RAMIFIES DE L'ACIDE 3-PHENYLPROPIONIQUE ET LEUR UTILISATION**
[72] HAHN, MICHAEL, DE
[72] LAMPE, THOMAS, DE
[72] STASCH, JOHANNES-PETER, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] WUNDER, FRANK, DE
[72] LI, VOLKHART MIN-JIAN, DE
[72] BECKER-PELSTER, EVA MARIA, DE
[72] STOLL, FRIEDERICKE, DE
[72] KNORR, ANDREAS, DE
[72] WOLTERING, ELISABETH, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-10-10
[86] 2012-03-28 (PCT/EP2012/055474)
[87] (WO2012/139888)
[30] DE (10 2011 007 272.1) 2011-04-13

[21] **2,832,971**
[13] A1

[51] **Int.Cl. B02C 4/00 (2006.01)**
[25] EN
[54] **REPLACEABLE WEAR PARTS FOR AN EARTH-WORKING ROLL**
[54] **PARTIES D'USURE REMPLACABLES POUR UN ROULEAU DE TRAVAUX DE TERRASSEMENT**
[72] LAFOND, STEPHEN M., CA
[72] LEEDHAM, CAMERON R., CA
[72] CARPENTER, CHRISTOPHER M., US
[72] CHAPPLE, DALLAS, CA
[71] ESCO CORPORATION, US
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033690)
[87] (WO2012/142535)
[30] US (61/475,963) 2011-04-15

[21] **2,832,972**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01) C07H 21/04 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **ANTISENSE MODULATION OF PTP1B EXPRESSION**
[54] **MODULATION ANTISENS DE L'EXPRESSION DU GENE PTP1B**
[72] BHANOT, SANJAY, US
[72] FREIER, SUSAN M., US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033588)
[87] (WO2012/142458)
[30] US (61/474,981) 2011-04-13

[21] **2,832,973**
[13] A1

[51] **Int.Cl. C04B 35/18 (2006.01)**
[25] EN
[54] **A METHOD OF FORMING CERAMIC ARTICLES FROM RECYCLED ALUMINOSILICATES**
[54] **PROCEDE DE FORMATION D'ARTICLES EN CERAMIQUE A PARTIR D'ALUMINOSILICATES RECYCLES**
[72] KOSZO, SANDOR, CN
[71] VECOR IP HOLDINGS LIMITED, CN
[85] 2013-10-10
[86] 2011-04-20 (PCT/CN2011/073046)
[87] (WO2012/142752)

[21] **2,832,974**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **CLICK DISAMBIGUATION ON A TOUCH-SENSITIVE INPUT DEVICE**
[54] **RECONNAISSANCE DE CLIC SUR UN DISPOSITIF D'ENTREE TACTILE**
[72] DE LOS REYES, ANDREW, US
[72] TABONE, RYAN, US
[71] GOOGLE, INC., US
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033680)
[87] (WO2012/142525)
[30] US (61/475,213) 2011-04-13

[21] **2,832,975**
[13] A1

[51] **Int.Cl. C07K 14/37 (2006.01) C07K 1/30 (2006.01)**
[25] EN
[54] **METHODS OF PURIFYING HYDROPHOBIN**
[54] **PROCEDES DE PURIFICATION DE L'HYDROPHOBINE**
[72] SCHELLE, MICHAEL, US
[71] DANISCO US INC., US
[85] 2013-10-10
[86] 2012-04-16 (PCT/US2012/033728)
[87] (WO2012/142557)
[30] US (61/475,933) 2011-04-15

[21] **2,832,976**
[13] A1

[51] **Int.Cl. A61M 5/28 (2006.01) A61L 2/07 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **METHOD OF REDUCING FRICTION BETWEEN SYRINGE COMPONENTS**
[54] **METHODE DE REDUCTION DES FROTTEMENTS ENTRE LES COMPOSANTS D'UNE SERINGUE**
[72] MORITZ, MICHAEL P., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033616)
[87] (WO2012/142479)
[30] US (61/475,851) 2011-04-15

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[21] **2,832,977**
[13] A1

[51] **Int.Cl. A61M 5/34 (2006.01)**
[25] EN
[54] **NEEDLE ASSEMBLY FOR A MEDICAL DEVICE**
[54] **ENSEMBLE AIGUILLE POUR UN DISPOSITIF MEDICAL**
[72] JUGL, MICHAEL, DE
[72] ERGEL, TURHAN, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-10-10
[86] 2012-04-17 (PCT/EP2012/056997)
[87] (WO2012/143351)
[30] EP (11163250.1) 2011-04-20

[21] **2,832,979**
[13] A1

[51] **Int.Cl. C12P 5/02 (2006.01) C12N 15/52 (2006.01) C12P 1/00 (2006.01) C12P 7/64 (2006.01) C12P 13/04 (2006.01) C12P 19/62 (2006.01) C12N 1/19 (2006.01) C12N 15/81 (2006.01)**
[25] EN
[54] **PRODUCTION OF ACETYL-COENZYME A DERIVED COMPOUNDS**
[54] **PRODUCTION DE COMPOSES ISSUS D'ACETYL-COENZYME A**
[72] MEADOWS, ADAM, US
[71] AMYRIS, INC., US
[85] 2013-10-10
[86] 2012-05-09 (PCT/US2012/037127)
[87] (WO2012/154854)
[30] US (61/483,896) 2011-05-09

[21] **2,832,980**
[13] A1

[51] **Int.Cl. F16D 13/62 (2006.01) F16D 69/00 (2006.01)**
[25] EN
[54] **WET FRICTION PLATE**
[54] **PLAQUE DE FRICTION PAR VOIE HUMIDE**
[72] TOKUMASU, JUN, JP
[72] TOMINAGA, SHOUHEI, JP
[71] KABUSHIKI KAISHA F.C.C., JP
[85] 2013-10-10
[86] 2012-04-13 (PCT/JP2012/060121)
[87] (WO2012/147539)
[30] JP (2011-099080) 2011-04-27

[21] **2,832,981**
[13] A1

[51] **Int.Cl. A47L 9/04 (2006.01) A47L 11/40 (2006.01)**
[25] EN
[54] **AN AUTONOMOUS MOBILE ROBOT FOR CLEANING WITH A FRONT ROLLER IN A FIRST HORIZONTAL PLANE POSITIONED ABOVE A SECOND HORIZONTAL PLANE OF A REAR ROLLER**
[54] **ASPIRATEUR ROBOTIQUE**
[72] BURSAL, FARUK HALIL, US
[72] THERRIEN, RICHARD JOSEPH, US
[72] MORIN, RUSSELL WALTER, US
[72] GILBERT, DUANE LEIGH, JR., US
[71] IROBOT CORPORATION, US
[85] 2013-10-10
[86] 2012-04-30 (PCT/US2012/035898)
[87] (WO2012/149575)
[30] US (61/481,147) 2011-04-29

[21] **2,832,983**
[13] A1

[51] **Int.Cl. B44C 1/175 (2006.01)**
[25] EN
[54] **A WATER PRESSURE TRANSFER METHOD, A COATING AGENT FOR WATER PRESSURE TRANSFER FILM AND A WATER PRESSURE TRANSFER ARTICLE**
[54] **PROCEDE DE TRANSFERT HUMIDE, AGENT DE REVETEMENT POUR FILM DE TRANSFERT HUMIDE ET ARTICLE DE TRANSFERT HUMIDE**
[72] IKEDA, WATARU, JP
[72] TOMIKI, AKIKO, JP
[71] TAICA CORPORATION, JP
[85] 2013-10-10
[86] 2012-04-26 (PCT/JP2012/061168)
[87] (WO2012/147829)
[30] JP (2011-099527) 2011-04-27

[21] **2,832,984**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) F03B 3/12 (2006.01) F03D 1/04 (2006.01)**
[25] EN
[54] **TURBINE BLADES WITH MIXED BLADE LOADING**
[54] **AUBES DE TURBINE A CHARGE D'AUBE MIXTE**
[72] PRESZ, WALTER M., JR., US
[72] WERLE, MICHAEL J., US
[72] DOLD, ROBERT, US
[72] HICKEY, TIMOTHY, US
[71] FLODESIGN WIND TURBINE CORP., US
[85] 2013-10-10
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[87] (WO2012/166632)
[30] US (61/490,841) 2011-05-27

[21] **2,832,986**
[13] A1

[51] **Int.Cl. E01C 13/08 (2006.01)**
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[54] **METHOD FOR RECYCLING SYNTHETIC TURF AND PRODUCT**
[54] **PROCEDE POUR RECYCLER UN GAZON SYNTHETIQUE ET PRODUIT**
[72] TAYLOR, LESLIE JAY, US
[71] TEXTILE RUBBER & CHEMICAL COMPANY, INC., US
[85] 2013-10-10
[86] 2012-05-25 (PCT/US2012/039617)
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[25] EN
[54] **RUNNER FOR A HYDRAULIC MACHINE, HYDRAULIC MACHINE PROVIDED WITH SUCH A RUNNER, AND POWER-CONVERSION EQUIPMENT INCLUDING SUCH A HYDRAULIC MACHINE**
[54] **ROUE POUR MACHINE HYDRAULIQUE, MACHINE HYDRAULIQUE EQUIPEE D'UNE TELLE ROUE ET INSTALLATION DE CONVERSION D'ENERGIE COMPRENANT UNE TELLE MACHINE HYDRAULIQUE**
[72] LAVIGNE, SYLVAIN, FR
[72] HOUELINE, JEAN-BERNARD, FR
[72] BERAL, CLAUDE, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[85] 2013-10-10
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[87] (WO2012/143518)
[30] FR (1153428) 2011-04-20

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[13] A1

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[54] **SELECTIVELY LEACHED CUTTER**
[54] **ELEMENT DE COUPE SELECTIVEMENT LIXIVIE**
[72] WHITTAKER, MALCOLM E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-10
[86] 2012-04-20 (PCT/US2012/034381)
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[13] A1

[51] **Int.Cl. G06K 9/40 (2006.01)**
[25] EN
[54] **METHOD TO DETERMINE A PIXON MAP IN ITERATIVE IMAGE RECONSTRUCTION**
[54] **PROCEDE PERMETTANT DE DETERMINER UNE MAPPE DE PIXONS DANS UNE RECONSTRUCTION D'IMAGE ITERATIVE**
[72] YAHIL, AMOS, US
[71] IMAGERECON, LLC, US
[85] 2013-10-10
[86] 2012-04-16 (PCT/US2012/033852)
[87] (WO2012/142624)
[30] US (61/476,012) 2011-04-15

[21] **2,832,991**
[13] A1

[51] **Int.Cl. E04B 2/56 (2006.01) E04B 1/74 (2006.01) E04B 2/86 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **SYSTEM FOR FORMING AN INSULATED CONCRETE THERMAL MASS WALL**
[54] **SYSTEME POUR LA FORMATION D'UN MUR A MASSE THERMIQUE EN BETON ISOLE**
[72] GOSAIN, SANJIV, AU
[71] AMBE ENGINEERING PTY LTD, AU
[85] 2013-10-11
[86] 2011-04-27 (PCT/AU2011/000477)
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[30] AU (2010901868) 2010-04-30

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[13] A1

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[25] EN
[54] **PROSTACYCLIN AND ANALOGS THEREOF ADMINISTERED DURING SURGERY FOR PREVENTION AND TREATMENT OF CAPILLARY LEAKAGE**
[54] **PROSTACYCLINE ET ANALOGUES DE CELLE-CI ADMINISTRES PENDANT UNE CHIRURGIE POUR LA PREVENTION ET LE TRAITEMENT D'UNE FUITE CAPILLAIRE**
[72] JOHANSSON, PAR, SE
[72] OSTROWSKI, SISSE RYE, DK
[71] RIGSHOSPITALET, DK
[85] 2013-10-11
[86] 2012-03-30 (PCT/DK2012/050100)
[87] (WO2012/143012)
[30] DK (PA 2011 70191) 2011-04-19
[30] US (61/476,814) 2011-04-19

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[13] A1

[51] **Int.Cl. A01M 7/00 (2006.01) G01C 21/16 (2006.01)**
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[54] **ACTIVE DAMPING SYSTEM FOR A SPRAY BOOM**
[54] **SYSTEME D'AMORTISSEMENT ACTIF POUR RAMPE DE PULVERISATION**
[72] MAAGAARD, JOERGEN, DK
[71] SYDDANSK UNIVERSITET, DK
[85] 2013-10-11
[86] 2012-04-27 (PCT/DK2012/050140)
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[30] DK (PA 2011 00331) 2011-04-29

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[13] A1

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[54] **RUTHENIUM-DIAMINE COMPLEX AND METHOD FOR PRODUCING OPTICALLY ACTIVE COMPOUND**

[54] **COMPLEXE RUTHENIUM-DIAMINE ET PROCEDE DE PRODUCTION D'UN COMPOSE OPTIQUEMENT ACTIF**

[72] TOUGE, TAICHIRO, JP
[72] HAKAMATA, TOMOHIKO, JP
[72] NARA, HIDEKI, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP

[85] 2013-10-10
[86] 2012-05-02 (PCT/JP2012/061582)
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[30] JP (2011-103621) 2011-05-06

[21] **2,832,996**
[13] A1

[51] **Int.Cl. A01N 43/64 (2006.01) A61K 31/41 (2006.01)**

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[54] **ALDOSTERONE SYNTHASE INHIBITORS**

[54] **INHIBITEURS D'ALDOSTERONE SYNTHASE**

[72] HOYT, SCOTT B., US
[72] PETRILLI, WHITNEY LANE, US
[72] LONDON, CLARE, US
[72] XIONG, YUSHENG, US
[72] TAYLOR, JERRY ANDREW, US
[72] ALI, AMJAD, US
[72] LO, MICHAEL, US
[72] HENDERSON, TIMOTHY J., US
[72] HU, QINGZHONG, DE
[72] HARTMANN, ROLF, DE
[72] YIN, LINA, DE
[72] HEIM, RALF, DE
[72] BEY, EMMANUEL, DE
[72] SAXENA, ROHIT, IN
[72] SAMANTA, SWAPAN KUMAR, IN
[72] KULKARNI, BHEEMASHANKAR A., IN

[71] MERCK SHARP & DOHME CORP., US

[71] ELEXOPHARM GMBH, DE

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[30] US (61/479,209) 2011-04-26

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[13] A1

[51] **Int.Cl. A61L 2/04 (2006.01) A61L 12/04 (2006.01)**

[25] EN

[54] **A PROCESS FOR REDUCING MICROBIAL GROWTH IN CONTACT LENS STORAGE CASES**

[54] **PROCEDE POUR REDUIRE LA CROISSANCE MICROBIENNE DANS LES BOITES DE RANGEMENT POUR LENTILLES DE CONTACT**

[72] CHRISP, JEREMY STORER, AU
[72] WILLCOX, MARK DUNCAN PERRY, AU

[72] KUMAR VIJAY, AJAY, AU
[72] ZHU, HUA, AU
[71] WARM CONTACT PTY LTD, AU

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[87] (WO2012/145790)
[30] AU (2011901550) 2011-04-27

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[13] A1

[51] **Int.Cl. G01N 27/447 (2006.01) C12M 1/00 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **CONTROL METHOD AND DEVICE TO CONTROL MOVEMENT SPEED OF A SUBSTANCE AND USE THEREOF**

[54] **PROCEDE DE COMMANDE ET DISPOSITIF DE COMMANDE DE LA VITESSE DE MOUVEMENT D'UNE SUBSTANCE, ET UTILISATION ASSOCIEE**

[72] KAWAI, TOMOJI, JP
[72] TSUTSUI, MAKUSU, JP
[72] TANIGUCHI, MASATERU, JP
[71] OSAKA UNIVERSITY, JP

[85] 2013-10-10
[86] 2013-01-29 (PCT/JP2013/051913)
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[30] JP (2012-017325) 2012-01-30

[21] **2,833,000**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **ARRAY OF PESSARY DEVICES**

[54] **RESEAU DE DISPOSITIFS DE PESSAIRE**

[72] KARAPASHA, NANCY, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-10-10
[86] 2012-04-04 (PCT/US2012/032099)
[87] (WO2012/141954)
[30] US (13/084,141) 2011-04-11

[21] **2,833,001**
[13] A1

[51] **Int.Cl. C12M 3/00 (2006.01) C12M 1/00 (2006.01)**

[25] EN

[54] **AUTOMATED CELL CULTURE SYSTEM**

[54] **SYSTEME AUTOMATISE DE CULTURE DE CELLULES**

[72] LARCHER, YVES, CH
[72] HAGG, RUPERT, CH
[71] OCTANE BIOTECH, INC., CA

[85] 2013-10-11
[86] 2011-04-20 (PCT/CH2011/000088)
[87] (WO2011/130865)
[30] US (61/326,532) 2010-04-21

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[21] **2,833,002**
[13] A1

[51] **Int.Cl. B03C 1/02 (2006.01) B65G 43/08 (2006.01) B65G 47/18 (2006.01) B65G 65/30 (2006.01)**

[25] EN

[54] **MATERIAL HANDLING APPARATUS**

[54] **APPAREIL DE MANIPULATION DE MATERIAU**

[72] ARNONE, ANTHONY J., US

[72] HELM, MICHAEL J., US

[72] KERKESLAGER, JASON L., US

[72] PAYNE, DAVID S., US

[72] PERRY, DAVID J., US

[72] POWERS, THOMAS H., US

[71] MULTISORB TECHNOLOGIES, INC., US

[85] 2013-10-10

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[30] US (13/084,534) 2011-04-11

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[13] A1

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[54] **FLEXIBLE WICK**

[54] **MECHE SOUPLE**

[72] RAMIREZ, JOHN, US

[71] RAMIREZ, JOHN, US

[85] 2013-10-10

[86] 2012-04-18 (PCT/US2012/034047)

[87] (WO2012/145380)

[30] US (61/476,601) 2011-04-18

[21] **2,833,006**
[13] A1

[51] **Int.Cl. A01N 43/82 (2006.01) A61K 31/41 (2006.01)**

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[54] **TASTE-MASKED FORMULATIONS OF RALTEGRAVIR**

[54] **PREPARATIONS DE RALTEGRAVIR DE SAVEUR MASQUEE**

[72] THOMPSON, KAREN CASSIDY, US

[72] KAIGHN, KIMBERLY NICOLE, US

[72] MUKHERJEE, INDRA NEIL, US

[72] DIIMMLER, CATHERINE ELIZABETH, US

[72] WEISER, HEDY TEPPLIER, US

[72] MANCINELLI, CHRISTOPHER, US

[71] MERCK SHARP & DOHME CORP., US

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[86] 2012-04-19 (PCT/US2012/034146)

[87] (WO2012/145446)

[30] US (61/478,320) 2011-04-22

[21] **2,833,008**
[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01)**

[25] EN

[54] **BIOPSY DEVICE WITH MOTORIZED NEEDLE FIRING**

[54] **DISPOSITIF DE BIOPSIE A DECLenchement D'AIGUILLE MOTORISE**

[72] FIEBIG, KEVIN M., US

[71] DEVICOR MEDICAL PRODUCTS, INC., US

[85] 2013-10-10

[86] 2012-04-10 (PCT/US2012/032853)

[87] (WO2012/142013)

[30] US (13/086,567) 2011-04-14

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[13] A1

[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **INSULIN-LIKE GROWTH FACTOR-1 RECEPTOR INHIBITORS**

[54] **INHIBITEURS DU RECEPTEUR DU FACTEUR DE CROISSANCE 1 ANALOGUE A L'INSULINE**

[72] BALACHANDRAN, SARALA, IN

[72] DINSMORE, CHRISTOPHER J., US

[72] ROYCHOWDHURY, ABHIJIT, IN

[72] SHARMA, RAJIV, IN

[72] VISHWAKARMA, RAM ASREY, IN

[71] MERCK SHARP & DOHME CORP., US

[71] PIRAMAL ENTERPRISES LIMITED, IN

[85] 2013-10-10

[86] 2012-04-19 (PCT/US2012/034188)

[87] (WO2012/145471)

[30] US (61/477,937) 2011-04-21

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[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01)**

[25] EN

[54] **NON-INVASIVE VIBROTACTILE MEDICAL DEVICE TO RESTORE NORMAL GAIT FOR PATIENTS SUFFERING FROM PERIPHERAL NEUROPATHY**

[54] **DISPOSITIF MEDICAL VIBROTACTILE NON INVASIF POUR RESTAURER UNE MARCHE NORMALE POUR DES PATIENTS SOUFFRANT DE NEUROPATHIE PERIPHERIQUE**

[72] TOMLINSON, BLAIN, US

[72] ECKHOUS, DAVID, US

[72] EDNEY, DANIEL B., US

[72] RUMSEY, ROYCE, US

[71] WALKJOY, INC., US

[85] 2013-10-10

[86] 2012-04-10 (PCT/US2012/032927)

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[30] US (61/474,215) 2011-04-11

[30] US (13/442,650) 2012-04-09

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[21] **2,833,012**
[13] A1

[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 5/02 (2006.01) C02F 9/02 (2006.01) E21B 43/20 (2006.01) E21B 43/34 (2006.01)**

[25] EN
[54] **METHOD OF RECOVERING OIL OR GAS AND TREATING THE RESULTING PRODUCED WATER**
[54] **PROCEDE DE RECUPERATION D'HUILE OU DE GAZ ET DE TRAITEMENT DE L'EAU PRODUITE RESULTANTE**

[72] NAGGHAPPAN, LNPS, US
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033188)
[87] (WO2012/142204)
[30] US (61/474,517) 2011-04-12
[30] US (13/443,971) 2012-04-11

[21] **2,833,014**
[13] A1

[51] **Int.Cl. E02F 3/413 (2006.01) B66C 3/02 (2006.01)**

[25] EN
[54] **HYDRAULIC BUCKET APPARATUS**
[54] **APPAREIL A BENNE HYDRAULIQUE**

[72] MIRE, MICHAEL, US
[72] NAQUIN, JOEY, US
[71] GULFSTREAM SERVICES, INC., US
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033266)
[87] (WO2012/142247)
[30] US (61/474,623) 2011-04-12

[21] **2,833,015**
[13] A1

[51] **Int.Cl. C09B 67/46 (2006.01) B65B 31/10 (2006.01) C09B 67/00 (2006.01)**

[25] EN
[54] **PIGMENT DISPERSION AND COLORANT FORMULATION**
[54] **DISPERSION DE PIGMENT ET FORMULATION DE COLORANT**

[72] MCCOMBS, GARRY, US
[71] SEYMOUR OF SYCAMORE INC., US
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033267)
[87] (WO2012/142248)
[30] US (13/087,855) 2011-04-15

[21] **2,833,017**
[13] A1

[51] **Int.Cl. H03K 3/00 (2006.01)**

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[54] **GATE DRIVE CIRCUIT AND ASSOCIATED METHOD**
[54] **CIRCUIT DE COMMANDE DE GRILLE ET PROCEDE ASSOCIE**

[72] PERMUY, ALFRED, FR
[72] BENAVIDES, NICHOLAS D., US
[72] SOLOMON, LUKE, US
[71] CONVERTEAM TECHNOLOGY LTD., GB
[85] 2013-10-10
[86] 2012-04-19 (PCT/US2012/034194)
[87] (WO2012/145475)
[30] US (61/477,697) 2011-04-21
[30] US (61/482,348) 2011-05-04

[21] **2,833,018**
[13] A1

[51] **Int.Cl. A61M 16/12 (2006.01) A61M 16/10 (2006.01) B01F 3/02 (2006.01) C01B 31/20 (2006.01)**

[25] EN
[54] **GAS DELIVERY METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE GAZ**

[72] KLEIN, MICHAEL, CA
[71] KLEIN, MICHAEL, CA
[85] 2013-10-11
[86] 2012-04-12 (PCT/CA2012/000351)
[87] (WO2012/139204)
[30] US (61/475,106) 2011-04-13

[21] **2,833,019**
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**

[25] EN
[54] **PROSTATE-SPECIFIC MEMBRANE ANTIGEN BINDING PROTEINS AND RELATED COMPOSITIONS AND METHODS**
[54] **PROTEINES DE LIAISON A UN ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE ET COMPOSITIONS ET PROCEDES ASSOCIES**

[72] BLANKENSHIP, JOHN W., US
[72] SEWELL, ELAINE TODD, US
[72] TAN, PHILIP, US
[71] EMERGENT PRODUCT DEVELOPMENT SEATTLE, LLC, US
[85] 2013-10-10
[86] 2012-04-20 (PCT/US2012/034575)
[87] (WO2012/145714)
[30] US (61/478,449) 2011-04-22

[21] **2,833,023**
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/00 (2006.01) A61K 38/18 (2006.01) A61K 47/30 (2006.01) A61K 47/34 (2006.01) A61P 17/02 (2006.01) A61P 19/08 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR MULTIPHASIC RELEASE OF GROWTH FACTORS**
[54] **SYSTEME ET PROCEDE DE LIBERATION MULTIPHASIQUE DE FACTEURS DE CROISSANCE**

[72] CLOKIE, CAMERON M. L., CA
[72] PEEL, SEAN A. F., CA
[71] INDUCE BIOLOGICS INC., CA
[85] 2013-10-11
[86] 2012-04-11 (PCT/CA2012/050234)
[87] (WO2012/139223)
[30] US (61/474,049) 2011-04-11

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[21] **2,833,024**
[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01) D04H 1/26 (2012.01) D04H 1/425 (2012.01) A61F 13/533 (2006.01) A61F 13/536 (2006.01)**

[25] EN
[54] **BULKED ABSORBENT MEMBERS ELEMENTS ABSORBANTS GONFLANT**

[72] CURRO, JOHN JOSEPH, US
[72] ORR, JILL MARLENE, US
[72] PRIESSMAN, KEITH ROBERT, US
[72] STRUBE, JOHN BRIAN, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-10-10
[86] 2012-04-25 (PCT/US2012/034964)
[87] (WO2012/148999)
[30] US (13/094,295) 2011-04-26
[30] US (13/094,195) 2011-04-26

[21] **2,833,025**
[13] A1

[51] **Int.Cl. A23K 1/06 (2006.01) A23J 1/00 (2006.01) B01D 17/04 (2006.01) C10L 1/02 (2006.01) C11B 13/00 (2006.01) C12F 3/10 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR STILLAGE FRACTIONATION SYSTEMES ET PROCEDES POUR LE FRACTIONNEMENT DE VINASSE**

[72] BOOTSMA, JASON ALAN, US
[71] POET RESEARCH, INC., US
[85] 2013-10-10
[86] 2012-04-12 (PCT/US2012/033346)
[87] (WO2012/145230)
[30] US (61/476,702) 2011-04-18

[21] **2,833,026**
[13] A1

[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) G01N 1/28 (2006.01) G01N 15/00 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATION OF PARTICLES PROCEDE ET APPAREIL DE SEPARATION DE PARTICULES**

[72] MA, HONGSHEN, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2013-10-11
[86] 2012-04-13 (PCT/CA2012/000362)
[87] (WO2012/139209)
[30] US (61/476,151) 2011-04-15

[21] **2,833,027**
[13] A1

[51] **Int.Cl. E01C 7/32 (2006.01)**

[25] EN
[54] **WATER-PERMEABLE AND WATER-ABSORBING ECO-PAVEMENT**

[54] **CHAUSSEE ECOLOGIQUE PERMEABLE A L'EAU ET ABSORBANT L'EAU**

[72] CHEN, RUI-WEN, CN
[72] CHEN, TING-HAO, TW
[71] CHEN, RUI-WEN, CN
[71] CHEN, TING-HAO, TW

[85] 2013-10-09
[86] 2011-09-08 (PCT/CN2011/001523)
[87] (WO2012/139263)
[30] CN (201110093317.0) 2011-04-14

[21] **2,833,028**
[13] A1

[51] **Int.Cl. E06B 3/00 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR MAKING FLUSH ARCHITECTURAL DOORS USING POST-CONSUMER MATERIALS**

[54] **SYSTEMES ET PROCEDES POUR FABRIQUER DES PORTES ARCHITECTURALES PLANES EN UTILISANT DES MATERIAUX RECYCLES**

[72] LUCAS, WILLIAM HENRY, III, US
[71] RECOR INTERNATIONAL INC., US

[85] 2013-10-10
[86] 2012-04-27 (PCT/US2012/035500)
[87] (WO2012/149354)
[30] US (13/097,996) 2011-04-29

[21] **2,833,030**
[13] A1

[51] **Int.Cl. A61K 8/20 (2006.01) A61K 8/42 (2006.01) A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61Q 17/00 (2006.01) A61Q 19/10 (2006.01)**

[25] EN
[54] **SODIUM HYPOCHLORITE-BASED BODY WASH COMPOSITIONS**

[54] **COMPOSITIONS DE LAVAGE CORPOREL A BASE D'HYPOCHLORITE DE SODIUM**

[72] ANWAR, AZAM, US
[72] COCKERELL, CLAY J., US
[72] SITBON, CATHERINE, US
[71] TOPMD, INC., US

[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033510)
[87] (WO2012/142407)
[30] US (61/476,067) 2011-04-15
[30] US (61/532,444) 2011-09-08

[21] **2,833,032**
[13] A1

[25] EN
[54] **METHOD AND APPARATUS OF TEXTURE IMAGE COMPRESSION IN 3D VIDEO CODING**

[54] **PROCEDE ET APPAREIL DE COMPRESSION D'IMAGE DE TEXTURE DANS UN CODAGE VIDEO 3D**

[72] CHANG, YU-LIN, CN
[72] HSIANG, SHIH-TA, CN
[72] WU, CHI-LING, CN
[72] FU, CHIH-MING, CN
[72] CHEN, CHIA-PING, CN
[72] TSAI, YU-PAO, CN
[72] HUANG, YU-WEN, CN
[72] LEI, SHAW-MIN, CN
[71] MEDIATEK INC., CN

[85] 2013-10-09
[86] 2012-06-15 (PCT/CN2012/076975)
[87] (WO2012/171477)
[30] US (61/497,441) 2011-06-15

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[21] **2,833,034**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) H04W 4/12 (2009.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01) G06F 15/18 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTEXT AWARE DYNAMIC RIBBON**

[54] **SYSTEME ET PROCEDE DE RUBAN DYNAMIQUE SENSIBLE AU CONTEXTE**

[72] SHENFIELD, MICHAEL, CA
[72] PITO, RICHARD ANTHONY, CA
[71] BLACKBERRY LIMITED, CA
[85] 2013-10-11
[86] 2012-04-13 (PCT/CA2012/050237)
[87] (WO2012/139226)
[30] US (61/474,991) 2011-04-13

[21] **2,833,035**
[13] A1

[51] **Int.Cl. A47L 9/04 (2006.01) A47L 11/40 (2006.01)**

[25] EN

[54] **RESILIENT AND COMPRESSIBLE ROLLER AND AUTONOMOUS COVERAGE ROBOT**

[54] **ASPIRATEUR ROBOTIQUE**

[72] GILBERT, DUANE LEIGH, JR., US
[72] BURSAL, FARUK HALIL, US
[72] THERRIEN, RICHARD JOSEPH, US
[72] MORIN, RUSSELL WALTER, US
[71] IROBOT CORPORATION, US
[85] 2013-10-10
[86] 2012-04-30 (PCT/US2012/035894)
[87] (WO2012/149572)
[30] US (61/481,147) 2011-04-29

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[13] A1

[51] **Int.Cl. C07C 403/20 (2006.01) A01N 37/42 (2006.01) A01N 43/30 (2006.01) C07D 317/72 (2006.01) C07F 7/18 (2006.01) C07F 7/22 (2006.01) C07F 7/30 (2006.01) C07F 17/00 (2006.01)**

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[54] **SUBSTITUTED 5-(CYCLOHEX-2-EN-1-YL)-PENTA-2,4-DIENES AND 5-(CYCLOHEX-2-EN-1-YL)-PENT-2-EN-4-INES AS ACTIVE AGENTS AGAINST ABIOTIC STRESS IN PLANTS**

[54] **5-(CYCLOHEX-2-EN-1-YL)-PENTA-2,4-DIENES ET 5-(CYCLOHEX-2-EN-1-YL)-PENT-2-EN-4-INES SUBSTITUES EN TANT QUE PRINCIPES ACTIFS CONTRE LE STRESS ABIOTIQUE DES VEGETAUX**

[72] FRACKENPOHL, JENS, DE
[72] MULLER, THOMAS, DE
[72] HEINEMANN, INES, DE
[72] VON KOSKULL-DORING, PASCAL, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] HAUSER-HAHN, ISOLDE, DE
[72] HILLS, MARTIN JEFFREY, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-10-11
[86] 2012-03-28 (PCT/EP2012/055478)
[87] (WO2012/139890)
[30] EP (11162596.8) 2011-04-15
[30] US (61/475,854) 2011-04-15

[21] **2,833,037**
[13] A1

[51] **Int.Cl. E06B 9/262 (2006.01)**

[25] EN

[54] **COVERING FOR ARCHITECTURAL OPENING INCLUDING THERMOFORMABLE SLAT VANES**

[54] **GARNITURE POUR OUVERTURE ARCHITECTURALE COMPRENANT DES LAMES OU LAMELLES THERMOFORMABLES**

[72] COLSON, WENDELL B., US
[72] SWISZCZ, PAUL G., US
[71] HUNTER DOUGLAS INC., US
[85] 2013-10-09
[86] 2012-04-13 (PCT/US2012/033674)
[87] (WO2012/142522)
[30] US (61/476,187) 2011-04-15

[21] **2,833,038**
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01)**

[25] EN

[54] **STATISTICAL SPELL CHECKER**

[54] **VERIFICATEUR D'ORTHOGRAPHE STATISTIQUE**

[72] PADUROIU, ANDREI, US
[71] VISTAPRINT TECHNOLOGIES LIMITED, BM
[85] 2013-10-09
[86] 2012-05-02 (PCT/US2012/036086)
[87] (WO2012/151255)
[30] US (13/098,961) 2011-05-02

[21] **2,833,039**
[13] A1

[51] **Int.Cl. B41J 11/66 (2006.01) B41J 3/01 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR APPLYING CUSTOMER-SPECIFIC LABELS TO THE UNPRINTED SIDE OF PRINTED PRODUCTS**

[54] **PROCEDE ET SYSTEME D'APPLICATION D'ETIQUETTES SPECIFIQUES DE CLIENT SUR UN COTE NON IMPRIME DE PRODUITS IMPRIMES**

[72] AYLWARD, JAMES R., US
[72] BREEN, ANTHONY A., US
[71] VISTAPRINT TECHNOLOGIES LIMITED, BM
[85] 2013-10-09
[86] 2012-05-02 (PCT/US2012/036101)
[87] (WO2012/151264)
[30] US (13/099,356) 2011-05-02

[21] **2,833,040**
[13] A1

[51] **Int.Cl. G01L 7/22 (2006.01)**

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[54] **IRREVERSIBLE HYDROSTATIC PRESSURE INDICATOR**

[54] **INDICATEUR DE PRESSION HYDROSTATIQUE IRREVERSIBLE**

[72] PARKER, ROBERT, US
[72] VOLK, DANIEL J., US
[71] VOLK ENTERPRISES, INC., US
[85] 2013-10-09
[86] 2012-05-16 (PCT/US2012/038179)
[87] (WO2012/158820)
[30] US (61/487,001) 2011-05-17
[30] US (13/473,391) 2012-05-16

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[51] **Int.Cl. C07K 17/00 (2006.01) A01N 63/00 (2006.01) A61L 27/34 (2006.01) A61L 27/54 (2006.01) C07K 14/195 (2006.01) C07K 14/21 (2006.01) C07K 17/14 (2006.01) C09D 189/00 (2006.01) C09K 3/18 (2006.01) C09K 15/04 (2006.01) G01N 27/416 (2006.01) G01N 33/543 (2006.01) C07K 17/08 (2006.01)**

[25] EN

[54] **STRUCTURES SURFACE-COATED WITH PSEUDOMONAS PILIN PEPTIDE**

[54] **STRUCTURES REVETUES EN SURFACE PAR UN PEPTIDE PILINE DE PSEUDOMONAS**

[72] IRVIN, RANDALL THOMAS, CA
[72] DAVIS, ELISABETH MELIKA, CA
[72] LI, DONG YANG, CA
[72] MURUVE, DANIEL ABRAHAM, CA
[71] ARCH BIOPHYSICS, INC., CA
[85] 2013-10-11
[86] 2012-04-13 (PCT/CA2012/000360)
[87] (WO2012/139208)
[30] US (13/087,257) 2011-04-14

[21] **2,833,042**
[13] A1

[51] **Int.Cl. B01J 31/18 (2006.01) C07C 45/50 (2006.01) C07C 45/80 (2006.01) C07F 9/02 (2006.01)**

[25] EN

[54] **METHODS TO STORE TRANSITION METAL ORGANOPHOSPHOROUS LIGAND BASED CATALYSTS**

[54] **PROCEDES POUR L'ENTREPOSAGE DE CATALYSEURS A BASE DE LIGAND ORGANOPHOSPHORE DE METAL DE TRANSITION**

[72] EISENSCHMID, THOMAS C., US
[72] BECKER, MICHAEL C., US
[72] CAMPBELL, DONALD L., JR., US
[72] BRAMMER, MICHAEL A., US
[72] MILLER, GLENN A., US
[72] LORD, EDWARD ADRIAN, GB
[72] RUDOLPH, JENS, DE
[72] REEH, HANS-RUDIGER, DE
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[71] BASF SE, DE
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033528)
[87] (WO2012/145241)
[30] US (61/476,593) 2011-04-18

[21] **2,833,043**
[13] A1

[51] **Int.Cl. A61K 31/7076 (2006.01) A61K 31/198 (2006.01) A61P 9/00 (2006.01) C07C 323/59 (2006.01) C07H 19/16 (2006.01)**

[25] EN

[54] **USE OF S-ADENOSYLMETHIONINE, VITAMIN E, AND VITAMIN C FOR THE PREVENTION AND TREATMENT OF CARDIOVASCULAR DYSFUNCTION**

[54] **UTILISATION DE S-ADENOSYLMETHIONINE, DE VITAMINE E ET DE VITAMINE C DANS LA PREVENTION ET LE TRAITEMENT D'UN DYSFONCTIONNEMENT CARDIOVASCULAIRE**

[72] MING, ZHI, CN
[72] LAUTT, WILFRED WAYNE, CA
[71] SCIMAR LTD., CA
[85] 2013-10-11
[86] 2012-04-13 (PCT/CA2012/050238)
[87] (WO2012/139227)
[30] US (61/476,014) 2011-04-15

[21] **2,833,044**
[13] A1

[51] **Int.Cl. B26D 3/18 (2006.01) B26D 5/10 (2006.01)**

[25] EN

[54] **FOOD CUTTING APPARATUS**

[54] **APPAREIL DE DECOUPE D'ALIMENTS**

[72] NEARE-VAARMANN, ONNE, EE
[71] SMARTEST INVEST OU, EE
[85] 2013-10-11
[86] 2012-03-27 (PCT/EP2012/055360)
[87] (WO2012/146449)
[30] EE (U201100037) 2011-04-27

[21] **2,833,045**
[13] A1

[51] **Int.Cl. A21D 6/00 (2006.01) A23B 9/26 (2006.01) A23L 1/10 (2006.01) A23L 1/105 (2006.01) B02B 1/08 (2006.01)**

[25] EN

[54] **METHOD TO EXTEND WHOLE GRAIN FLOUR AND PRODUCT SHELF LIFE**

[54] **PROCEDE POUR PROLONGER LA DUREE DE CONSERVATION D'UNE FARINE COMPLETE ET D'UN PRODUIT**

[72] ZHAO, BIN, US
[72] ZHOU, NING, US
[72] HANSEN, TIMOTHY S., US
[72] DUFFIN, MICHAEL A., CA
[72] CASSONE, DOMENICO R., US
[72] GANNON, DIANE L., US
[72] HAYNES, LYNN C., US
[72] MANNS, JAMES M., US
[72] ZIMERI, JEANNY E., US
[72] WORFOLK, PETER, CA
[72] PRACEK, ANTHON, CA
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-10-10
[86] 2012-04-13 (PCT/US2012/033500)
[87] (WO2012/142399)
[30] US (61/457,514) 2011-04-14

[21] **2,833,046**
[13] A1

[51] **Int.Cl. C08F 297/02 (2006.01) B05D 3/00 (2006.01) C08F 299/00 (2006.01) C08G 81/02 (2006.01) C09D 153/00 (2006.01) D06M 15/19 (2006.01)**

[25] EN

[54] **AMPHIPHOBIC BLOCK COPOLYMERS AND APPLICATIONS THEREOF**

[54] **COPOLYMERES SEQUENCES AMPHIPHOBES ET LEURS APPLICATIONS**

[72] LIU, GUOJUN, CA
[72] XIONG, DEAN, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2013-10-11
[86] 2012-04-12 (PCT/CA2012/000357)
[87] (WO2012/139207)
[30] CN (201110090620.5) 2011-04-12
[30] CN (201110131477.X) 2011-05-20

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[13] A1
[51] **Int.Cl. C08F 220/26 (2006.01) C04B 24/24 (2006.01) C04B 24/26 (2006.01) C04B 28/00 (2006.01) C08F 8/40 (2006.01)**
[25] FR
[54] **COPOLYMERS HAVING GEM-BISPHOSPHONATE GROUPINGS**
[54] **COPOLYMERES A GROUPEMENTS GEM-BISPHOSPHONES**
[72] CHOUGRANI, KAMEL, FR
[72] LEISING, FREDERIC, FR
[71] CHRYSO, FR
[85] 2013-10-03
[86] 2012-04-13 (PCT/EP2012/056840)
[87] (WO2012/140235)
[30] FR (11 53312) 2011-04-15

[21] **2,833,048**
[13] A1
[51] **Int.Cl. H01J 37/32 (2006.01)**
[25] EN
[54] **CARBON SPARK EVAPORATION VAPORISATION D'ETINCELLES DE CARBONE**
[72] RAMM, JURGEN, CH
[72] WIDRIG, BENO, CH
[72] RUHM, KURT, LI
[71] OERLIKON TRADING AG, TRUBBACH, CH
[85] 2013-10-09
[86] 2012-03-26 (PCT/EP2012/001322)
[87] (WO2012/139707)
[30] DE (10 2011 016 681.5) 2011-04-11

[21] **2,833,049**
[13] A1
[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/02 (2006.01)**
[25] EN
[54] **MICRO-TUBULAR SOLID OXIDE FUEL CELL ARRANGEMENT**
[54] **AGENCEMENT DE PILE A COMBUSTIBLE A OXYDE SOLIDE MICRO-TUBULAIRE**
[72] TSOTRIDIS, GEORGIOS, NL
[71] THE EUROPEAN UNION, REPRESENTED BY THE EUROPEAN COMMISSION, BE
[85] 2013-10-10
[86] 2012-05-23 (PCT/EP2012/059618)
[87] (WO2012/160102)
[30] EP (11167086.5) 2011-05-23

[21] **2,833,052**
[13] A1
[51] **Int.Cl. C12N 15/70 (2006.01)**
[25] EN
[54] **TRANSCRIPTION TERMINATOR SEQUENCES**
[54] **SEQUENCES DE TERMINAISON DE LA TRANSCRIPTION**
[72] STRIEDNER, GERALD, AT
[72] WITTEW, ALEXANDER, AT
[71] SANDOZ AG, CH
[71] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT
[85] 2013-10-10
[86] 2012-06-04 (PCT/EP2012/060490)
[87] (WO2012/164100)
[30] EP (11168637.4) 2011-06-03

[21] **2,833,057**
[13] A1
[51] **Int.Cl. B65G 37/02 (2006.01) B62D 65/18 (2006.01) B65G 47/80 (2006.01) F26B 15/14 (2006.01)**
[25] EN
[54] **CONVEYOR DEVICE HAVING A ROTATABLE TRANSFER SECTION**
[54] **DISPOSITIF DE TRANSPORT A SECTION D'AIGUILLAGE PIVOTANTE**
[72] HEINSOHN, KLAUS, DE
[72] PHILIPP, LUTZ, DE
[71] DURR SYSTEMS GMBH, DE
[85] 2013-10-10
[86] 2012-06-22 (PCT/EP2012/062079)
[87] (WO2013/004520)
[30] DE (10 2011 078 707.0) 2011-07-05

[21] **2,833,058**
[13] A1
[51] **Int.Cl. C22C 1/05 (2006.01) C01G 31/00 (2006.01) C22C 27/02 (2006.01) C22C 29/16 (2006.01)**
[25] EN
[54] **POST-SINTER CONGLUTINATION AND OXIDATION-PREVENTATIVE VANADIUM-NITROGEN ALLOY PREPARATION METHOD**
[54] **PROCEDE DE PREPARATION D'ALLIAGE DE VANADIUM-AZOTE PREVENTIF DE CONGLUTINATION POST-FRITTAGE ET D'OXYDATION**
[72] ZHENG, JIANWEI, CN
[72] YING, ZHONGFANG, CN
[71] ZHENG, JIANWEI, CN
[85] 2013-10-11
[86] 2012-02-06 (PCT/CN2012/000148)
[87] (WO2012/139409)
[30] CN (201110090241.6) 2011-04-12

[21] **2,833,059**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 19/07 (2006.01)**
[25] EN
[54] **ITEM HANDLING AND TRACKING SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME DE MANUTENTION ET DE SUIVI D'ARTICLES ET PROCEDE ASSOCIE**
[72] GATES, NICHOLAS JOHN, GB
[72] LIMAYE, MANISH, US
[72] POULARD, OLIVIER PIERRE, GB
[72] MUHANNA, EMAD ELDEEN, US
[72] CHETRIT, DANIEL EDMOND, US
[72] ASEEM, DAYAL, US
[72] NAICKER, PRAVIN, GB
[72] MAYA, MARIA PATRICIA, US
[71] SITA INFORMATION NETWORKING COMPUTING USA, INC, US
[85] 2013-10-11
[86] 2011-11-21 (PCT/EP2011/070551)
[87] (WO2013/017179)
[30] US (61/514,765) 2011-08-03

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[13] A1

[51] **Int.Cl. F21V 7/00 (2006.01)**
[25] EN
[54] **LAMP**
[54] **LUMINAIRE**
[72] SCHWARZ, BERND, DE
[71] COOPER CROUSE-HINDS GMBH, DE
[85] 2013-10-11
[86] 2012-04-03 (PCT/EP2012/001482)
[87] (WO2012/139723)
[30] DE (10 2011 017 161.4) 2011-04-15

[21] **2,833,061**
[13] A1

[51] **Int.Cl. A61M 1/38 (2006.01)**
[25] EN
[54] **PRIMING ANTICOAGULANT LINE FOR BLOOD EXTRACTION**
[54] **ALIGNEMENT D'UN ANTI-COAGULANT D'AMORCAGE POUR PRELEVEMENT DE SANG**
[72] FLEXMAN, GREG, US
[71] GRIFOLS, S.A., ES
[85] 2013-10-10
[86] 2012-05-24 (PCT/ES2012/070374)
[87] (WO2012/164125)
[30] US (61/490,856) 2011-05-27
[30] US (61/493,566) 2011-06-06

[21] **2,833,063**
[13] A1

[51] **Int.Cl. F21V 25/12 (2006.01)**
[25] EN
[54] **EXPLOSION-PROOF LED MODULE**
[54] **MODULE DEL PROTEGE CONTRE LES EXPLOSIONS**
[72] BURMEISTER, JENS, DE
[72] SCHWARZ, BERND, DE
[72] SCHWARZ, GERHARD, DE
[72] KETTERER, MICHAEL, DE
[71] COOPER CROUSE-HINDS GMBH, DE
[85] 2013-10-11
[86] 2012-04-04 (PCT/EP2012/001496)
[87] (WO2012/139728)
[30] DE (10 2011 017 162.2) 2011-04-15

[21] **2,833,064**
[13] A1

[51] **Int.Cl. A47L 13/258 (2006.01) A47L 13/256 (2006.01)**
[25] EN
[54] **FLAT MOP AND SUPPORT PLATE THEREFOR**
[54] **BALAI DE LAVAGE A PLAT ET PLAQUE DE SUPPORT ASSOCIEE**
[72] LINDNER, FALK, DE
[72] EISENHUT, ANDREAS, DE
[72] LINDHOLM, KEIJO, FI
[72] DEERBERG, JENS, DE
[72] GRATZKI, TORSTEN, DE
[71] CARL FREUDENBERG KG, DE
[85] 2013-10-11
[86] 2012-06-05 (PCT/EP2012/002387)
[87] (WO2013/004326)
[30] DE (10 2011 107 319.5) 2011-07-06

[21] **2,833,065**
[13] A1

[51] **Int.Cl. B26D 7/06 (2006.01) B26D 1/36 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CUTTING PRODUCTS**
[54] **APPAREIL ET PROCEDE DE COUPE DE PRODUITS**
[72] BUCKS, BRENT L., US
[71] FAM, BE
[85] 2013-10-11
[86] 2012-04-10 (PCT/EP2012/056401)
[87] (WO2012/139988)
[30] US (61/473,826) 2011-04-11
[30] BE (2011/0295) 2011-05-16

[21] **2,833,066**
[13] A1

[51] **Int.Cl. C08J 9/14 (2006.01) B32B 27/40 (2006.01) C08G 18/09 (2006.01) C08G 18/32 (2006.01) C08G 18/40 (2006.01) C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/50 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING RIGID POLYURETHANE FOAMS**
[54] **PROCEDE DE FABRICATION DE MOUSSES DE POLYURETHANE DURES**
[72] TOMOVIC, ZELJKO, DE
[72] JACOBMEIER, OLAF, DE
[72] KAMPF, GUNNAR, DE
[71] BASF SE, DE
[85] 2013-10-11
[86] 2012-04-11 (PCT/EP2012/056485)
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[30] EP (11162679.2) 2011-04-15

[21] **2,833,067**
[13] A1

[51] **Int.Cl. F42B 3/103 (2006.01) F42B 3/182 (2006.01) F42B 3/24 (2006.01) F42B 3/26 (2006.01) F42C 19/06 (2006.01) F42D 3/04 (2006.01) F42D 3/06 (2006.01) H01R 4/24 (2006.01) H01R 13/703 (2006.01)**
[25] EN
[54] **IGNITER WITH A MULTIFUNCTIONAL PLUG**
[54] **AMORCE MUNIE D'UN BOUCHON MULTIFONCTIONNEL**
[72] PREISS, FRANK, DE
[72] ROSPEK, ROLF, DE
[72] VEEHMAYER, MALTE, DE
[71] DYNAENERGETICS GMBH & CO. KG, DE
[85] 2013-10-11
[86] 2012-04-12 (PCT/EP2012/056609)
[87] (WO2012/140102)
[30] DE (102011016756.0) 2011-04-12

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[51] Int.Cl. A61B 18/14 (2006.01) [25] EN [54] ADAPTABLE DEVICE FOR ELECTRICALLY ISOLATING PULMONARY VEINS IN ATRIAL FIBRILLATION [54] DISPOSITIF ADAPTABLE POUR ISOLER ELECTRIQUEMENT DES VEINES PULMONAIRES EN FIBRILLATION AURICULAIRE [72] CHIERCHIA, GIAN BATTISTA, BE [72] PERFLER, ENRICO, IT [71] ATRICATH S.R.L., IT [85] 2013-10-11 [86] 2012-04-12 (PCT/EP2012/056626) [87] (WO2012/143283) [30] IT (GE2011A000043) 2011-04-18	[51] Int.Cl. C08G 18/48 (2006.01) C08G 18/50 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) [25] EN [54] PROCESS FOR PRODUCING RIGID POLYURETHANE FOAMS [54] PROCEDE DE FABRICATION DE MOUSSES DE POLYURETHANE DURES [72] TOMOVIC, ZELJKO, DE [72] JACOBMEIER, OLAF, DE [72] KAMPF, GUNNAR, DE [71] BASF SE, DE [85] 2013-10-11 [86] 2012-04-12 (PCT/EP2012/056699) [87] (WO2012/140150) [30] EP (11162664.4) 2011-04-15	[51] Int.Cl. B01J 23/72 (2006.01) B01J 23/75 (2006.01) B01J 23/755 (2006.01) B01J 23/89 (2006.01) B01J 35/00 (2006.01) B01J 37/02 (2006.01) B01J 37/06 (2006.01) B01J 37/08 (2006.01) B01J 37/18 (2006.01) C10G 2/00 (2006.01) [25] EN [54] CATALYSTS [54] CATALYSEURS [72] SANDEE, ALBERTUS JACOBUS, NL [72] TERORDE, ROBERT JOHAN ANDREAS MARIA, NL [71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA [71] BASF NEDERLAND B.V., NL [85] 2013-10-10 [86] 2011-04-28 (PCT/IB2011/051876) [87] (WO2012/146950)
[21] 2,833,074 [13] A1	[21] 2,833,078 [13] A1	[21] 2,833,080 [13] A1
[51] Int.Cl. B09B 3/00 (2006.01) B09C 1/06 (2006.01) F23G 5/08 (2006.01) F23G 7/14 (2006.01) [25] EN [54] TREATMENT OF WASTE [54] TRAITEMENT DES DECHETS [72] DEEGAN, DAVID, GB [72] ZHANG, FAN, GB [71] TETRONICS (INTERNATIONAL) LIMITED, GB [85] 2013-10-10 [86] 2012-04-23 (PCT/GB2012/000374) [87] (WO2012/143690) [30] GB (1106960.6) 2011-04-21	[51] Int.Cl. A61K 38/44 (2006.01) A61K 31/327 (2006.01) A61K 31/7016 (2006.01) A61K 33/14 (2006.01) A61K 33/18 (2006.01) A61K 33/40 (2006.01) A61K 38/47 (2006.01) A61K 38/54 (2006.01) A61P 31/02 (2006.01) [25] EN [54] TREATMENT OF MICROBIAL INFECTIONS [54] TRAITEMENT D'INFECTIONS MICROBIENNES [72] O'FLAHERTY, VINCENT, IE [72] MCCAY, PAUL, IE [71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE [85] 2013-10-11 [86] 2012-04-16 (PCT/EP2012/056946) [87] (WO2012/140272) [30] EP (11162678.4) 2011-04-15	[51] Int.Cl. H02H 1/06 (2006.01) H01H 47/22 (2006.01) H02H 7/08 (2006.01) [25] EN [54] CIRCUIT ARRANGEMENT FOR AN ALTERNATING CURRENT CONTACTOR, MOTOR PROTECTION RELAY AND METHOD FOR PRODUCING A VOLTAGE SUPPLY [54] CIRCUITERIE POUR UN CONTACTEUR A COURANT ALTERNATIF, RELAIS DE PROTECTION DE MOTEUR ET PROCEDE DE PRODUCTION D'UNE ALIMENTATION EN TENSION [72] MEID, WOLFGANG, DE [71] EATON ELECTRICAL IP GMBH & CO. KG, DE [85] 2013-10-11 [86] 2012-04-17 (PCT/EP2012/057023) [87] (WO2012/143361) [30] EP (11163031.5) 2011-04-19
[21] 2,833,076 [13] A1		
[51] Int.Cl. G01N 33/68 (2006.01) [25] EN [54] METHODS FOR DETERMINING LIGAND BINDING TO A TARGET PROTEIN USING A THERMAL SHIFT ASSAY [54] PROCEDES DE DETERMINATION DE LA LIAISON D'UN LIGAND A UNE PROTEINE CIBLE A L'AIDE D'UN ESSAI DE VARIATION THERMIQUE [72] NORDLUND, PAR, SE [71] EVITRAPROTEOMA AB, SE [85] 2013-10-10 [86] 2012-04-18 (PCT/GB2012/050853) [87] (WO2012/143714) [30] GB (1106548.9) 2011-04-18		

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[21] **2,833,081**
[13] A1

[51] **Int.Cl. C12N 15/29 (2006.01) A61K 39/36 (2006.01) C07K 14/415 (2006.01)**

[25] EN
[54] **HYPOALLERGEN SUBSTANCES A ACTION HYPOALLERGENIQUE**

[72] TAKKINEN, KRISTIINA, FI
[72] LAUKKANEN, MARJA-LEENA, FI
[72] SODERLUND, HANS, FI
[72] JYLHA, SIRPA, FI
[72] HOLKERI, HEIDI, FI
[72] NIEMI, MERJA, FI
[72] JANIS, JANNE, FI
[72] ROUVINEN, JUHA, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT, FI
[85] 2013-10-11
[86] 2012-04-18 (PCT/EP2012/057046)
[87] (WO2012/143374)
[30] FI (20115374) 2011-04-18
[30] US (61/476,488) 2011-04-18

[21] **2,833,082**
[13] A1

[51] **Int.Cl. C07K 5/08 (2006.01) C07K 5/00 (2006.01) C07K 5/02 (2006.01) C07K 5/06 (2006.01) C07K 7/06 (2006.01)**

[25] EN
[54] **SELECTIVE CYSTEINE PROTEASE INHIBITORS AND USES THEREOF**

[54] **INHIBITEURS SELECTIFS DE CYSTEINE PROTEASE ET LEURS UTILISATIONS**

[72] AHLFORS, JAN-ERIC, CA
[72] MEKOUAR, KHALID, CA
[71] NEW WORLD LABORATORIES, INC., CA
[85] 2013-10-10
[86] 2012-04-15 (PCT/IB2012/000747)
[87] (WO2012/140500)
[30] US (61/476,183) 2011-04-15

[21] **2,833,083**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07K 14/435 (2006.01)**

[25] EN
[54] **DOWN-REGULATING GENE EXPRESSION IN INSECT PESTS**

[54] **DIMINUTION DE L'EXPRESSION GENIQUE CHEZ DES INSECTES NUISIBLES**

[72] BEGHYN, MYRIAM, BE
[72] BOGAERT, THIERRY, BE
[72] FELDMANN, PASCALE, BE
[72] RAEMAEKERS, ROMAAN, BE
[71] DEVGEN NV, BE
[85] 2013-10-11
[86] 2012-04-20 (PCT/EP2012/057332)
[87] (WO2012/143542)
[30] US (61/477,371) 2011-04-20
[30] US (61/508,826) 2011-07-18

[21] **2,833,084**
[13] A1

[51] **Int.Cl. G01F 1/36 (2006.01) E21B 49/08 (2006.01) G01F 15/08 (2006.01) G01N 33/26 (2006.01)**

[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING THE FLOW-RATE OF DIFFERENT FLUIDS PRESENT IN MULTIPHASE STREAMS**

[54] **APPAREIL ET PROCEDE POUR LA MESURE DU DEBIT DE DIFFERENTS FLUIDES PRESENTS DANS DES COURANTS A PLUSIEURS PHASES**

[72] BOSCHI, STEFANO, IT
[72] ANDREUSSI, PAOLO, IT
[71] ENI S.P.A., IT
[85] 2013-10-10
[86] 2012-04-18 (PCT/IB2012/051939)
[87] (WO2012/143866)
[30] IT (MI2011A 000670) 2011-04-19

[21] **2,833,085**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) B01J 8/18 (2006.01) B01J 8/24 (2006.01) C10B 49/22 (2006.01) C10G 1/08 (2006.01) C10G 11/18 (2006.01)**

[25] EN
[54] **PROCESS FOR CONVERTING A SOLID BIOMASS MATERIAL**

[54] **PROCEDE DE CONVERSION D'UNE BIOMASSE SOLIDE**

[72] SCHAVERIEN, COLIN JOHN, NL
[72] JANSSEN, ANDRIES HENDRIK, NL
[72] HARRIS, JOHN WILLIAM, NL
[72] VAN PAASEN, SANDER, NL
[72] GOSSELINK, JOHAN WILLEM, NL
[72] WAY, NICOLAAS WILHELMUS JOSEPH, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-10-11
[86] 2012-04-23 (PCT/EP2012/057408)
[87] (WO2012/143567)
[30] EP (11163425.9) 2011-04-21

[21] **2,833,086**
[13] A1

[51] **Int.Cl. A23L 1/164 (2006.01) A23G 3/42 (2006.01) A23L 1/29 (2006.01)**

[25] EN
[54] **BITE-SIZE NUTRITIONAL PRODUCTS HAVING A FILLING AND METHODS FOR USING SAME**

[54] **PRODUITS NUTRITIONNELS FOURRES DE LA TAILLE D'UNE BOUCHEE ET LEURS PROCEDES D'UTILISATION**

[72] ROY, MARIE GEORGINA, FR
[72] THONNEY, YVES MICHEL, CH
[71] NESTEC S.A., CH
[85] 2013-10-11
[86] 2012-05-03 (PCT/EP2012/058129)
[87] (WO2012/152650)
[30] US (61/483,093) 2011-05-06
[30] US (61/534,442) 2011-09-14

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[21] **2,833,087**
[13] A1

[51] **Int.Cl. B28B 3/04 (2006.01) B28B 3/02 (2006.01) B28B 3/12 (2006.01) B28B 5/02 (2006.01) B28B 11/10 (2006.01) B28B 13/02 (2006.01) B30B 11/14 (2006.01)**

[25] EN

[54] **APPARATUSES, SYSTEM AND METHODS FOR FORMING PRESSED ARTICLES AND PRESSED ARTICLES FORMED THEREBY**

[54] **APPAREILS, SYSTEME ET PROCEDES POUR FORMER DES ARTICLES COMPRIMES, ET ARTICLES COMPRIMES FORMES PAR CEUX-CI**

[72] KOSZO, SANDOR, CN
[72] BARDELLI, LODOVICO, IT
[71] VECOR IP HOLDINGS LIMITED, CN
[71] MASS S.P.A., IT
[85] 2013-10-10
[86] 2011-04-22 (PCT/IT2011/000127)
[87] (WO2012/143960)

[21] **2,833,088**
[13] A1

[51] **Int.Cl. B24B 13/00 (2006.01) B24B 49/00 (2012.01) B24B 51/00 (2006.01) G02B 27/00 (2006.01) G02C 7/02 (2006.01) G05B 19/4097 (2006.01) G06Q 50/00 (2012.01)**

[25] EN

[54] **PROCESS FOR DETERMINING POSITION PARAMETERS OF A MANUFACTURED SURFACE RELATIVE TO A REFERENCE SURFACE**

[54] **PROCEDE DE DETERMINATION DE PARAMETRES DE POSITION D'UNE SURFACE FABRIQUEE PAR RAPPORT A UNE SURFACE DE REFERENCE**

[72] CHAUVEAU, JEAN-PIERRE, FR
[72] ALLIONE, PASCAL, FR
[72] STEIGELMANN, DANIEL, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2013-10-11
[86] 2012-05-11 (PCT/EP2012/058806)
[87] (WO2012/156322)
[30] EP (11305581.8) 2011-05-13

[21] **2,833,089**
[13] A1

[51] **Int.Cl. B65G 17/12 (2006.01) B65G 17/38 (2006.01) B65G 23/30 (2006.01) B65G 47/58 (2006.01)**

[25] EN

[54] **CONVEYOR**

[54] **CONVOYEUR**

[72] GOUGH, GEORGE TERAH, GB
[71] GOUGH, GEORGE TERAH, GB
[85] 2013-10-11
[86] 2011-04-12 (PCT/GB2011/050721)
[87] (WO2011/128678)
[30] GB (1006075.4) 2010-04-13
[30] GB (1006980.5) 2010-04-27

[21] **2,833,090**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01) A61K 9/20 (2006.01) A61K 31/00 (2006.01) A61K 31/192 (2006.01)**

[25] EN

[54] **ORAL PHARMACEUTICAL DISPERSION COMPOSITIONS**

[54] **COMPOSITIONS PHARMACEUTIQUES A DISPERSION A ADMINISTRATION PAR VOIE ORALE**

[72] DRAGET, KURT INGAR, NO
[72] HAUG, INGVILO, NO
[72] HATTREM, MAGNUS N., NO
[72] SETERNES, TORE, NO
[72] ENGELSEN, STEINAR JOHAN, NO
[71] AYANDA GROUP AS, NO
[85] 2013-10-11
[86] 2011-04-11 (PCT/GB2011/000563)
[87] (WO2011/128633)
[30] GB (1006218.0) 2010-04-14

[21] **2,833,091**
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01) A61J 1/14 (2006.01)**

[25] EN

[54] **CONNECTOR FOR DIALYSIS CONTAINER, CONTAINER EQUIPPED WITH SUCH CONNECTOR, MANUFACTURING AND FILLING METHOD FOR SUCH CONNECTORS AND CONTAINERS**

[54] **CONNECTEUR POUR RECIPIENT DE DIALYSE, RECIPIENT EQUIPE D'UN TEL CONNECTEUR, PROCEDE DE FABRICATION ET DE REMPLISSAGE DE CES CONNECTEURS ET RECIPIENTS**

[72] EYRARD, THIERRY, FR
[72] LAFFAY, PHILIPPE, FR
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2013-10-11
[86] 2012-05-11 (PCT/EP2012/058829)
[87] (WO2012/156331)
[30] FR (1154323) 2011-05-18
[30] US (61/487,468) 2011-05-18

[21] **2,833,092**
[13] A1

[51] **Int.Cl. B64C 25/34 (2006.01) B64C 25/42 (2006.01)**

[25] EN

[54] **AIRCRAFT LANDING GEAR**

[54] **TRAIN D'ATTERISSAGE D'AVION**

[72] GOODBURN, SIMON, GB
[71] MESSIER-DOWTY LIMITED, GB
[85] 2013-10-11
[86] 2012-03-22 (PCT/GB2012/050629)
[87] (WO2012/140404)
[30] GB (1106253.6) 2011-04-13

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[21] **2,833,095**
[13] A1

[51] **Int.Cl. F16D 63/00 (2006.01) F16D 65/14 (2006.01) F16H 35/10 (2006.01)**
[25] FR
[54] **MECHANICAL PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION MECANIQUE**
[72] DESCUBES, OLIVIER PIERRE, FR
[72] BEDRINE, OLIVIER, FR
[72] LADEVEZE, ISABELLE GERMAINE CLAUDE, FR
[72] PY, JEAN-MICHEL PIERRE CLAUDE, FR
[71] TURBOMECA, FR
[85] 2013-10-11
[86] 2012-04-12 (PCT/FR2012/050800)
[87] (WO2012/143656)
[30] FR (1153523) 2011-04-22

[21] **2,833,098**
[13] A1

[51] **Int.Cl. F01D 5/30 (2006.01) F01D 5/32 (2006.01) F04D 29/02 (2006.01)**
[25] FR
[54] **TURBINE ENGINE IMPELLER**
[54] **ROUE A AUBES DE TURBOMACHINE**
[72] CHATENET, LUC HENRI, FR
[72] LE QUELLEC, JOHN, FR
[71] SNECMA, FR
[85] 2013-10-11
[86] 2012-05-14 (PCT/FR2012/051061)
[87] (WO2012/156633)
[30] FR (1154301) 2011-05-17

[21] **2,833,101**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/426 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **FEBUXOSTAT SOLID DISPERSION**
[54] **DISPERSION SOLIDE DE FEBUXOSTAT**
[72] KAUSHIK, POONAM, IN
[72] THAIMATTAM, RAM, IN
[72] PRASAD, MOHAN, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2013-10-11
[86] 2012-04-16 (PCT/IB2012/051892)
[87] (WO2012/140632)
[30] IN (1120/DEL/2011) 2011-04-15

[21] **2,833,105**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **ORAL PHARMACEUTICAL DISPERSION COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES SOUS FORME DE DISPERSION POUR ADMINISTRATION ORALE**
[72] DRAGET, KURT INGAR, NO
[72] ENGELSEN, STEINAR JOHAN, NO
[72] SETERNES, TORE, NO
[72] HATTREM, MAGNUS, NO
[72] HAUG, INGVIDL JOHANNE, NO
[71] AYANDA GROUP AS, NO
[85] 2013-10-11
[86] 2011-10-19 (PCT/GB2011/052027)
[87] (WO2012/140392)
[30] GB (PCT/GB2011/000563) 2011-04-11

[21] **2,833,109**
[13] A1

[51] **Int.Cl. C07K 11/02 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE MANUFACTURE OF MACROCYCLIC DEPSIPEPTIDES AND NEW INTERMEDIATES**
[54] **PROCEDES DE PREPARATION DE DEPSIPEPTIDES MACROCYCLIQUES ET NOUVEAUX INTERMEDIAIRES**
[72] ACEMOGLU, MURAT, CH
[72] HELLSTERN, HERIBERT, DE
[72] KOLLMER, FELIX, CH
[72] LOPEZ, JOHN, CH
[72] SCHREIBER, ROBERT, CH
[72] SPRECHER, CHRISTIAN, CH
[72] STETTLER, HANS, CH
[71] NOVARTIS AG, CH
[85] 2013-10-11
[86] 2012-04-19 (PCT/IB2012/051977)
[87] (WO2012/143888)
[30] US (61/477,319) 2011-04-20

[21] **2,833,111**
[13] A1

[51] **Int.Cl. A61B 5/0428 (2006.01)**
[25] EN
[54] **BIOMETRIC BELT CONNECTOR**
[54] **CONNECTEUR DE CEINTURE BIOMETRIQUE**
[72] HERMANNSSON, KORMAKUR HLINI, IS
[71] NOX MEDICAL, IS
[85] 2013-10-11
[86] 2011-06-24 (PCT/IS2011/050010)
[87] (WO2011/161701)
[30] US (61/358,472) 2010-06-25

[21] **2,833,114**
[13] A1

[51] **Int.Cl. C09F 1/04 (2006.01)**
[25] EN
[54] **ROSIN ESTERS FOR NON-WOVEN APPLICATIONS, METHODS OF MAKING AND USING AND PRODUCTS THEREFROM**
[54] **ESTERS DE COLOPHANE POUR DES NON TISSES**
[72] ASTROLOGES, GARY A., US
[72] LOCKO, GEORGE A., US
[72] DESHPANDE, ABHAY, US
[72] GAILBREATH, STEVEN C., US
[71] ARIZONA CHEMICAL COMPANY, LLC, US
[85] 2013-10-11
[86] 2011-04-11 (PCT/US2011/031884)
[87] (WO2012/141675)

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[21] **2,833,115**
[13] A1

[51] **Int.Cl. A61K 31/506 (2006.01) A61K 9/20 (2006.01) A61K 47/30 (2006.01) A61P 31/18 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS OF RALTEGRAVIR, METHODS OF PREPARATION AND USE THEREOF**

[54] **COMPOSITIONS PHARMACEUTIQUES DE RALTEGRAVIR, PROCEDES DE PREPARATION ET UTILISATION DE CELLES-CI**

[72] PARTHASARADHI REDDY, BANDI, IN

[72] KHADGAPATHI, PODILI, IN

[72] KAMALAKAR REDDY, GOLI, IN

[71] HETERO RESEARCH FOUNDATION, IN

[85] 2013-10-11

[86] 2012-04-19 (PCT/IN2012/000283)

[87] (WO2012/147101)

[30] IN (1414/CHE/2011) 2011-04-25

[21] **2,833,118**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINING PROGNOSIS OF RENAL FAILURE**

[54] **PROCEDE POUR LA DETERMINATION DU PRONOSTIC D'INSUFFISANCE RENALE**

[72] HAMANO, TAKAYUKI, JP

[72] ISAKA, YOSHITAKA, JP

[72] MATSUI, ISAO, JP

[71] KYOWA MEDEX CO., LTD., JP

[85] 2013-10-11

[86] 2012-04-23 (PCT/JP2012/060818)

[87] (WO2012/147670)

[30] JP (2011-096718) 2011-04-25

[21] **2,833,119**
[13] A1

[51] **Int.Cl. B66B 9/04 (2006.01) B66B 7/00 (2006.01) B66B 11/04 (2006.01)**

[25] EN

[54] **MACHINE ROOMLESS HYDRAULIC ELEVATOR SYSTEM**

[54] **SYSTEME D'ASCENSEUR HYDRAULIQUE SANS SALLE DES MACHINES**

[72] STOFIRA, JOHN, US

[72] SANSEVERO, FRANK M., US

[72] WINEY, A. PHILLIP, US

[71] OTIS ELEVATOR COMPANY, US

[85] 2013-10-11

[86] 2011-05-20 (PCT/US2011/037335)

[87] (WO2012/161674)

[21] **2,833,121**
[13] A1

[51] **Int.Cl. C07D 501/46 (2006.01) A61K 31/546 (2006.01) A61P 31/04 (2006.01) C07D 501/18 (2006.01) C07D 519/06 (2006.01)**

[25] EN

[54] **NOVEL CEPHEM COMPOUND HAVING CATECHOL OR PSEUDO-CATECHOL STRUCTURE**

[54] **NOUVEAU COMPOSE DE CEPHEME AYANT LA STRUCTURE DU CATECHOL OU UNE STRUCTURE PROCHE DU CATECHOL**

[72] NISHITANI, YASUHIRO, JP

[72] AOKI, TOSHIKI, JP

[72] SATO, JUN, JP

[72] YAMAWAKI, KENJI, JP

[72] YOKOO, KATSUKI, JP

[72] SANO, MASAYUKI, JP

[71] SHIONOGI & CO., LTD., JP

[85] 2013-10-11

[86] 2012-04-25 (PCT/JP2012/061053)

[87] (WO2012/147773)

[30] JP (2011-101530) 2011-04-28

[30] JP (2011-142005) 2011-06-27

[21] **2,833,123**
[13] A1

[51] **Int.Cl. C10L 1/182 (2006.01) C10L 1/16 (2006.01) C10L 10/04 (2006.01)**

[25] EN

[54] **A FUEL COMPOSITION**

[54] **COMPOSITION DE CARBURANT**

[72] PEYLA, RICHARD J., US

[72] CANNELLA, WILLIAM J., US

[71] CHEVRON U.S.A. INC., US

[85] 2013-10-11

[86] 2012-04-11 (PCT/US2012/033001)

[87] (WO2012/142079)

[30] US (61/475,544) 2011-04-14

[21] **2,833,124**
[13] A1

[51] **Int.Cl. C07D 405/12 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING PACLITAXEL OROTATE**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'OROTATE DE PACLITAXEL**

[72] KARMALI, RASHIDA A., US

[71] SAVVIPHARM INC, US

[85] 2013-10-11

[86] 2012-04-23 (PCT/US2012/000217)

[87] (WO2012/148494)

[30] US (13/066,793) 2011-04-25

[21] **2,833,126**
[13] A1

[51] **Int.Cl. A61F 2/34 (2006.01) A61F 2/30 (2006.01)**

[25] EN

[54] **ACETABULAR ROOF REINFORCEMENT PLATE**

[54] **PLAQUE DE RENFORT DE TOIT ACETABULAIRE**

[72] FIERLBECK, JOHANN, AT

[72] NIEDERBERGER, ALFRED, AT

[72] RESCH, HERBERT, AT

[71] DEPUY SYNTHES PRODUCTS, LLC, US

[85] 2013-10-11

[86] 2012-02-16 (PCT/US2012/025423)

[87] (WO2012/141788)

[30] US (61/473,983) 2011-04-11

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[21] **2,833,127**
[13] A1

[51] **Int.Cl. B61F 5/00 (2006.01) B61F 5/12 (2006.01)**

[25] EN

[54] **HIGH FRICTION RAILROAD CAR COMPONENTS WITH FRICTION MODIFYING INSERTS**

[54] **COMPOSANTS DE VEHICULE FERROVIAIRE A HAUT COEFFICIENT DE FROTTEMENT COMPORTANT DES INSERTIONS DE MODIFICATION DU COEFFICIENT DE FROTTEMENT**

[72] MARLOW, JONATHON, US

[72] GREGAR, PETER, US

[72] BURKE, MICHAEL K., US

[72] EAST, DAVID M., US

[72] SAMMARTINO, GIUSEPPE, US

[71] WABTEC HOLDING CORP., US

[85] 2013-10-11

[86] 2012-04-11 (PCT/US2012/033008)

[87] (WO2012/142081)

[30] US (13/087,559) 2011-04-15

[30] US (61/522,053) 2011-08-10

[21] **2,833,128**
[13] A1

[51] **Int.Cl. G02B 6/26 (2006.01)**

[25] EN

[54] **CONCENTRATOR WAVEGUIDE DEVICE**

[54] **DISPOSITIF DE GUIDE D'ONDES A CONCENTRATEUR**

[72] KLIMOWYCH, WILLIAM, US

[71] AFL TELECOMMUNICATIONS LLC, US

[85] 2013-10-11

[86] 2012-04-12 (PCT/US2012/033211)

[87] (WO2012/142215)

[30] US (61/474,421) 2011-04-12

[21] **2,833,129**
[13] A1

[51] **Int.Cl. A45F 3/14 (2006.01) A47L 5/36 (2006.01)**

[25] EN

[54] **BALANCED HARNESS FOR BACKPACK VACUUM APPLIANCE**

[54] **HARNAIS EQUILIBRE POUR APPAREIL A VIDE SE PORTANT SUR LE DOS**

[72] VINSON, RICHARD W., US

[71] EMERSON ELECTRIC CO., US

[85] 2013-10-11

[86] 2012-03-02 (PCT/US2012/027562)

[87] (WO2012/125311)

[30] US (13/045,862) 2011-03-11

[21] **2,833,130**
[13] A1

[51] **Int.Cl. F41A 11/02 (2006.01) F41A 21/00 (2006.01) F41C 23/14 (2006.01)**

[25] EN

[54] **MODULAR FIREARM**

[54] **ARME A FEU MODULAIRE**

[72] AUDIBERT, KEVIN, US

[72] LANGEVIN, KEVIN, US

[71] COLT DEFENSE LLC, US

[85] 2013-10-11

[86] 2012-04-12 (PCT/US2012/033220)

[87] (WO2013/002877)

[30] US (61/475,149) 2011-04-13

[21] **2,833,131**
[13] A1

[51] **Int.Cl. C08L 67/04 (2006.01)**

[25] EN

[54] **BIOLOGICALLY DEGRADABLE POLYMERIC COMPOSITION WITH HIGH DEFORMABILITY**

[54] **COMPOSITION POLYMERE BIODEGRADABLE DOTEE D'UNE APTITUDE A LA DEFORMABILITE ELEVEE**

[72] ALEXY, PAVOL, SK

[72] CHODAK, IVAN, SK

[72] BAKOS, DUSAN, SK

[72] BUGAJ, PETER, SK

[72] PAVLACKOVA, MIROSLAVA, SK

[72] TOMANOVA, KATARINA, SK

[72] BENOVIC, FRANTISEK, SK

[72] PLAVEC, RODERIK, SK

[72] MIHALIK, MICHAL, SK

[72] BOTOSOVA, MONIKA, SK

[71] USTAV POLYMEROV SAV, SK

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[86] 2012-04-11 (PCT/SK2012/000004)

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[30] SK (PP 26-2011) 2011-04-11

[21] **2,833,132**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A24B 15/16 (2006.01) A61M 15/06 (2006.01)**

[25] EN

[54] **BATTERY CONNECTOR FOR ELECTRONIC CIGARETTE WITH SIDE AIR INTAKE**

[54] **CONNECTEUR DE BATTERIE POUR CIGARETTE ELECTRONIQUE DOTE D'UNE PRISE D'AIR LATERALE**

[72] LEVITZ, ROBERT, US

[72] GAVRIELOV, SHMUEL, US

[71] LEVITZ, ROBERT, US

[71] GAVRIELOV, SHMUEL, US

[85] 2013-10-11

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[87] (WO2012/142293)

[30] US (61/474,569) 2011-04-12

[21] **2,833,135**
[13] A1

[51] **Int.Cl. A01C 7/12 (2006.01)**

[25] EN

[54] **HELIXED ORIFICE ADJUSTABLE FEED ROLL**

[54] **ROULEAU D'ALIMENTATION AJUSTABLE A ORIFICE HELICOIDAL**

[72] JAMISON, JOHN PAUL, US

[71] JAMISON, JOHN PAUL, US

[85] 2013-10-11

[86] 2012-04-13 (PCT/US2012/033470)

[87] (WO2012/142380)

[30] US (61/475,146) 2011-04-13

[21] **2,833,137**
[13] A1

[51] **Int.Cl. A42B 3/12 (2006.01) A42B 3/10 (2006.01)**

[25] EN

[54] **MULTILAYER IMPACT ATTENUATING INSERT FOR HEADGEAR**

[54] **GARNITURE D'ATTENUATION DE CHOCS MULTICOUCHE POUR CASQUE**

[72] PARSONS, DAVID K., US

[72] SPROUSE, ANTHONY ERIC, II, US

[72] RICKMAN, PAUL A., US

[71] ROHO, INC., US

[85] 2013-10-11

[86] 2012-03-12 (PCT/US2012/028710)

[87] (WO2012/148582)

[30] US (61/480,847) 2011-04-29

[30] US (61/521,584) 2011-08-09

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[21] **2,833,138**
[13] A1

[51] **Int.Cl. B60M 3/06 (2006.01) G06Q 50/02 (2012.01) B60L 9/18 (2006.01) B60M 7/00 (2006.01) E21C 47/00 (2006.01) H02J 3/28 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **MINE POWER MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE L'ENERGIE POUR L'EXPLOITATION MINIERE**

[72] TOJIMA, MASANORI, JP

[72] YAMASHITA, KOUICHI, JP

[72] SUDOU, TSUGIO, JP

[72] TAKEDA, KOJI, JP

[72] NAGAI, TAKAO, JP

[72] KAJINO, KATSUHIRO, JP

[72] YANAGIDA, YASUHIRO, JP

[72] SUZUKI, YASUYUKI, JP

[71] KOMATSU LTD., JP

[85] 2013-10-11

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[87] (WO2012/153755)

[30] JP (2011-104938) 2011-05-10

[21] **2,833,139**
[13] A1

[51] **Int.Cl. F16K 17/04 (2006.01)**

[25] EN

[54] **FAIL SAFE RETAINING PLUG ASSEMBLY FOR A SLAM-SHUT SAFETY DEVICE**

[54] **ENSEMBLE DE RETENUE A SECURITE INTEGREE POUR UN DISPOSITIF DE SECURITE A FERMETURE RAPIDE**

[72] WOOLLUMS, DAVID E., US

[72] NGUYEN, TUNG, US

[72] HAWKINS, JAMES CHESTER, US

[72] ALEXANDRU-VLAD, ROMAN, RO

[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US

[85] 2013-10-11

[86] 2012-03-28 (PCT/US2012/030795)

[87] (WO2012/141886)

[30] US (13/087,771) 2011-04-15

[21] **2,833,140**
[13] A1

[51] **Int.Cl. B07C 1/12 (2006.01) B07C 3/08 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR OPENING AND SORTING ENVELOPES**

[54] **APPAREIL ET PROCEDE D'OUVERTURE ET DE TRI D'ENVELOPPES**

[72] DEWITT, ROBERT, US

[72] HELMLINGER, DAVID, US

[71] OPEX CORPORATION, US

[85] 2013-10-11

[86] 2012-04-13 (PCT/US2012/033574)

[87] (WO2012/142449)

[30] US (61/475,118) 2011-04-13

[21] **2,833,142**
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**

[25] EN

[54] **DYNAMICALLY ACTIVATING AND DEACTIVATING ONE OR MORE ELEMENTS OF A TRADING TOOL**

[54] **ACTIVATION ET DESACTIVATION DYNAMIQUE D'UN OU DE PLUSIEURS ELEMENTS D'UN OUTIL DE NEGOCE**

[72] TRIPLETT, MARK W., US

[72] BUCK, BRIAN J., US

[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US

[85] 2013-10-11

[86] 2012-03-29 (PCT/US2012/031096)

[87] (WO2012/141906)

[30] US (13/088,022) 2011-04-15

[21] **2,833,144**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **MULTILAYER THIN FILM DRUG DELIVERY DEVICE AND METHODS OF MAKING AND USING THE SAME**

[54] **DISPOSITIF D'ADMINISTRATION D'UN MEDICAMENT CONSTITUE DE PLUSIEURS PELLICULES MINCES, ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**

[72] LANCE, KEVIN D., US

[72] DESAI, TEJAL A., US

[72] STEEDMAN, MARK RORY, US

[72] BHISITKUL, ROBERT B., US

[72] BERNARDS, DANIEL A., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2013-10-11

[86] 2012-04-12 (PCT/US2012/033366)

[87] (WO2012/142318)

[30] US (61/475,373) 2011-04-14

[21] **2,833,146**
[13] A1

[51] **Int.Cl. H02H 3/16 (2006.01)**

[25] EN

[54] **ELECTRICAL LOAD CONTROL WITH FAULT PROTECTION**

[54] **COMMANDE DE CHARGE ELECTRIQUE AVEC PROTECTION CONTRE LES DEFAUTS**

[72] KEVELOSO, ADAM, US

[72] KAMOR, MICHAEL, US

[71] LEVITON MANUFACTURING CO., INC., US

[85] 2013-10-11

[86] 2012-04-02 (PCT/US2012/031849)

[87] (WO2012/141931)

[30] US (13/083,786) 2011-04-11

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[13] A1

[51] **Int.Cl. E01F 15/02 (2006.01) E01F 15/08 (2006.01)**
[25] EN
[54] **SAFETY CRASH BARRIER**
[54] **BARRIERE ANTICOLLISION DE SECURITE**
[72] SAGY, ALEXANDER, IL
[71] SAGY, ALEXANDER, IL
[85] 2013-10-11
[86] 2012-04-15 (PCT/IL2012/000160)
[87] (WO2012/140651)
[30] IL (212288) 2011-04-13

[21] **2,833,156**
[13] A1

[51] **Int.Cl. F16K 17/32 (2006.01)**
[25] EN
[54] **TORSIONAL SPRING FOR A SLAM-SHUT SAFETY DEVICE**
[54] **RESSORT DE TORSION POUR DISPOSITIF DE SURETU A FERMETURE RAPIDE**
[72] COJOCARU, THEODOR, RO
[72] VALEAN, ADRIAN, RO
[72] ALEXANDRU-VLAD, ROMAN, RO
[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
[85] 2013-10-11
[86] 2012-04-13 (PCT/US2012/033530)
[87] (WO2012/142418)
[30] US (61/476,169) 2011-04-15

[21] **2,833,158**
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/475 (2006.01)**
[25] EN
[54] **VARIANTS OF HUMAN GDNF**
[54] **VARIANTS DU GDNF**
[72] LEUNG, DONMIENNE DOEN MUN, US
[72] LU, JIRONG, US
[72] MERCHANT, KALPANA MAHESH, US
[72] GHANEM, MAHMOUD, US
[72] O'BRYAN, LINDA MAUREEN, US
[72] SMITH, ROSAMUND CAROL, US
[71] ELI LILLY AND COMPANY, US
[85] 2013-10-11
[86] 2012-04-03 (PCT/US2012/031927)
[87] (WO2012/141936)
[30] US (61/474,024) 2011-04-11

[21] **2,833,159**
[13] A1

[51] **Int.Cl. A61K 31/197 (2006.01) A61K 31/195 (2006.01) A61P 25/00 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **N-ACETYL BETA ALANINE METHODS OF USE**
[54] **PROCEDES D'UTILISATION DE LA N-ACETYL BETA-ALANINE**
[72] KRAMER, RONALD, US
[72] NIKOLAIDIS, ALEXANDER, GR
[71] THERMOLIFE INTERNATIONAL, LLC, US
[85] 2013-10-11
[86] 2012-04-13 (PCT/US2012/033610)
[87] (WO2012/142474)
[30] US (61/475,179) 2011-04-13
[30] US (13/446,416) 2012-04-13

[21] **2,833,161**
[13] A1

[51] **Int.Cl. C02F 3/12 (2006.01) C02F 3/00 (2006.01) C02F 3/02 (2006.01) C02F 9/14 (2006.01) C02F 1/28 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR WASTEWATER TREATMENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DES EAUX USEES**
[72] WEISS, ALAN M., US
[71] GLOBAL WATER GROUP, INCORPORATED, US
[85] 2013-10-11
[86] 2012-04-05 (PCT/US2012/032414)
[87] (WO2012/141976)
[30] US (13/087,086) 2011-04-14

[21] **2,833,162**
[13] A1

[51] **Int.Cl. B60R 22/10 (2006.01) B60R 22/14 (2006.01)**
[25] EN
[54] **HUGGABLE PLUSH SEATBELT COVER**
[54] **HOUSSE DE CEINTURE DE SECURITE EN PELUCHE QUI PEUT ETRE ETREINTE**
[72] CIAMPITTI, ROBERT, US
[72] ABLOW, KEITH, US
[72] ROBACK, AMBER, US
[71] SEATPETS LLC, US
[85] 2013-10-11
[86] 2012-04-13 (PCT/US2012/033561)
[87] (WO2012/142438)
[30] US (61/475,902) 2011-04-15

[21] **2,833,163**
[13] A1

[51] **Int.Cl. F16D 11/00 (2006.01)**
[25] EN
[54] **SEED METERING DEVICE DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE DISPOSITIF DE DOSAGE DE GRAINES**
[72] HAUSE, KEVIN M., US
[71] ACTUANT CORPORATION, US
[85] 2013-10-11
[86] 2012-04-06 (PCT/US2012/032484)
[87] (WO2013/106026)
[30] US (61/475,509) 2011-04-14

[21] **2,833,164**
[13] A1

[51] **Int.Cl. B65D 33/24 (2006.01) B65D 33/25 (2006.01)**
[25] EN
[54] **A BAG AND A METHOD OF MANUFACTURING A BAG**
[54] **SAC ET PROCEDE DE FABRICATION D'UN SAC**
[72] HEININGA, HEINE, US
[71] POLYTEX FIBERS CORPORATION, US
[85] 2013-10-11
[86] 2012-04-06 (PCT/US2012/032520)
[87] (WO2012/141981)
[30] US (61/516,889) 2011-04-11

[21] **2,833,165**
[13] A1

[51] **Int.Cl. G06F 19/22 (2011.01) G06F 19/10 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PROCESSING AND ANALYSIS OF COMPLEX NUCLEIC ACID SEQUENCE DATA**
[54] **TRAITEMENT ET ANALYSE DE DONNEES DE SEQUENCES D'ACIDES NUCLEIQUES COMPLEXES**
[72] DRMANAC, RADOJE, US
[72] PETERS, BROCK A., US
[72] KERMANI, BAHRAM GHAFFARZADEH, US
[71] COMPLETE GENOMICS, INC., US
[85] 2013-10-11
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[87] (WO2012/142531)
[30] US (61/517,196) 2011-04-14
[30] US (61/527,428) 2011-08-25
[30] US (61/546,516) 2011-10-12

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[13] A1

[51] **Int.Cl. H05K 5/00 (2006.01)**
[25] EN
[54] **PROTECTIVE CASE AND METHODS OF MAKING**
[54] **BOITIER PROTECTEUR ET PROCEDES DE FABRICATION ASSOCIES**

[72] WYNER, DANIEL M., US
[72] FOX, RICHARD B., US
[72] GARRARD, RICHARD L., US
[72] CAFARO, THOMAS F., US
[72] MACRINA, MARIA E., US
[72] THORN (NEE ROGERS), STEPHANIE, US

[71] G-FORM, LLC, US
[85] 2013-10-11
[86] 2012-04-13 (PCT/US2012/033678)
[87] (WO2012/142524)
[30] US (61/475,639) 2011-04-14
[30] US (61/612,390) 2012-03-18
[30] US (61/612,949) 2012-03-19

[21] **2,833,167**
[13] A1

[51] **Int.Cl. H04N 5/232 (2006.01) G08B 13/196 (2006.01)**
[25] EN
[54] **INFRARED CAMERA SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DETECTION PAR CAMERA INFRAROUGE**

[72] TERRE, WILLIAM A., US
[72] FRANK, JEFFREY D., US
[72] WOOLAWAY, JAMES T., US
[72] RICHARDS, AUSTIN A., US
[72] RICHARDSON, PATRICK B., US
[72] HOGASTEN, NICHOLAS, US
[71] FLIR SYSTEMS, INC., US
[85] 2013-10-11
[86] 2012-04-10 (PCT/US2012/032937)
[87] (WO2012/142049)
[30] US (61/474,209) 2011-04-11

[21] **2,833,168**
[13] A1

[51] **Int.Cl. B29B 17/00 (2006.01)**
[25] EN
[54] **SINGLE AND TWIN SCREW EXTRUDERS WITH ULTRASOUND HORNS FOR DECROSSLINKING AND DEVULCANIZATION**
[54] **EXTRUDEUSES A VIS SIMPLE ET DOUBLE AVEC PAVILLONS A ULTRASON POUR DERETICULATION ET DEVULCANISATION**

[72] ISAYEV, AVRAAM, US
[71] THE UNIVERSITY OF AKRON, US
[85] 2013-10-11
[86] 2012-04-16 (PCT/US2012/033751)
[87] (WO2012/142562)
[30] US (61/475,702) 2011-04-15

[21] **2,833,169**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOUNDS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSES ANTIMICROBIENS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] DUFFY, ERIN M., US
[72] BHATTACHARJEE, ASHOKE, US
[72] CHEN, SHILI, US
[72] TANG, YUANQING, US
[72] KANYO, ZOLTAN F., US
[72] SCHEIDEMAN, MATTHEW, US
[71] RIB-X PHARMACEUTICALS, INC., US
[85] 2013-10-11
[86] 2012-04-11 (PCT/US2012/032994)
[87] (WO2012/173689)
[30] US (61/476,138) 2011-04-15
[30] US (61/535,118) 2011-09-15
[30] US (61/610,363) 2012-03-13

[21] **2,833,171**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TARGETING DEREGULATED WNT SIGNALING IN CANCER USING STABILIZED ALPHA-HELICES OF BCL-9**
[54] **CIBLAGE D'UNE SIGNALISATION WNT DEREGULEE DANS LE CANCER A L'AIDE D'HELICES ALPHA DE BCL-9 STABILISEES**

[72] WALENSKY, LOREN D., US
[72] CARRASCO, RUBEN, US
[72] BIRD, GREGORY H., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2013-10-11
[86] 2012-04-16 (PCT/US2012/033822)
[87] (WO2012/142604)
[30] US (61/475,932) 2011-04-15

[21] **2,833,172**
[13] A1

[51] **Int.Cl. C12M 1/24 (2006.01) B01L 3/00 (2006.01) C08J 3/28 (2006.01) C12N 11/08 (2006.01) C40B 70/00 (2006.01)**
[25] EN
[54] **POLYMERIC MEMBERS AND METHODS FOR MARKING POLYMERIC MEMBERS**
[54] **ELEMENTS POLYMERES ET PROCEDES DE MARQUAGE D'ELEMENTS POLYMERES**

[72] SHARPE, JOHNATHAN CHARLES, US
[72] GILLIGAN, THOMAS B., US
[72] LENZ, RICHARD W., US
[72] MORENO, JUAN F., US
[71] INGURAN LLC, US
[85] 2013-10-11
[86] 2012-04-17 (PCT/US2012/033920)
[87] (WO2012/145306)
[30] US (61/476,751) 2011-04-18
[30] US (61/483,490) 2011-05-06

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[21] **2,833,173**
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **BETA-2 MICROGLOBULIN-DEFICIENT CELLS**
[54] **CELLULES DEFICIENTES EN BETA-2 MICROGLOBULINE**
[72] RUSSELL, DAVID W., US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2013-10-11
[86] 2012-04-18 (PCT/US2012/034051)
[87] (WO2012/145384)
[30] US (61/477,474) 2011-04-20

[21] **2,833,174**
[13] A1

[51] **Int.Cl. E21B 33/03 (2006.01)**
[25] EN
[54] **MULTIPLE ANNULUS UNIVERSAL MONITORING AND PRESSURE RELIEF ASSEMBLY FOR SUBSEA WELL COMPLETION SYSTEMS AND METHOD OF USING SAME**
[54] **ENSEMBLE UNIVERSEL DE CONTROLE ET DE LIMITATION DE PRESSION D'ANNULAIRES MULTIPLES POUR SYSTEMES DE COMPLETION DE PUITS SOUS-MARINS, ET SON PROCEDE D'UTILISATION**
[72] BROUSSARD, EARL, US
[72] JOLLY, RICHARD, US
[71] PROSERV OPERATIONS, INC., US
[85] 2013-10-11
[86] 2012-04-16 (PCT/US2012/033816)
[87] (WO2012/142600)
[30] US (61/475,542) 2011-04-14

[21] **2,833,175**
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/145 (2006.01) A61B 5/151 (2006.01) A61B 10/00 (2006.01) G01N 27/30 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR COLLECTION AND/OR MANIPULATION OF BLOOD SPOTS OR OTHER BODILY FLUIDS**
[54] **DISPOSITIFS ET METHODES POUR LA COLLECTE ET/OU LA MANIPULATION DE CAILLOTS SANGUINS OU D'AUTRES FLUIDES CORPORELS**
[72] BERNSTEIN, HOWARD, US
[72] CHICKERING, DONALD E., US
[72] DAVIS, SHAWN, US
[72] GONG, PING, US
[72] HORTON, KRISTIN, US
[72] JAMES, SCOTT, US
[71] SEVENTH SENSE BIOSYSTEMS, INC., US
[85] 2013-10-11
[86] 2012-04-26 (PCT/US2012/035173)
[87] (WO2012/149134)
[30] US (61/480,941) 2011-04-29
[30] US (61/549,437) 2011-10-20

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/46 (2006.01) A61K 47/48 (2006.01) A61P 31/04 (2006.01) C07K 14/005 (2006.01) C07K 14/195 (2006.01) C07K 14/47 (2006.01) C12N 9/14 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIBACTERIAL POLYPEPTIDES**
[54] **POLYPEPTIDES CHIMERES ANTIBACTERIENS**
[72] APPAIAH, C.B., IN
[72] PADMANABHAN, SRIRAM, IN
[72] SARAVANAN, R. SANJEEV, IN
[72] SRIRAM, BHARATHI, IN
[71] APPAIAH, C.B., IN
[71] PADMANABHAN, SRIRAM, IN
[71] SARAVANAN, R. SANJEEV, IN
[71] SRIRAM, BHARATHI, IN
[85] 2013-10-11
[86] 2012-04-12 (PCT/IN2012/000261)
[87] (WO2012/140676)
[30] IN (1277/CHE/2011) 2011-04-12

[21] **2,833,177**
[13] A1

[51] **Int.Cl. D06M 15/643 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD TO FORM A SELF DECONTAMINATING SURFACE**
[54] **COMPOSITION ET PROCEDE POUR FORMER UNE SURFACE AUTODECONTAMINANTE**
[72] GROSSMAN, CRAIG, US
[72] GEOFFRION, CHARLES, US
[72] NGO, MAI, US
[72] WYSOCKI, RONALD, US
[71] GROSSMAN, CRAIG, US
[71] GEOFFRION, CHARLES, US
[85] 2013-10-11
[86] 2012-04-16 (PCT/US2012/033844)
[87] (WO2012/142621)
[30] US (61/476,233) 2011-04-15
[30] US (61/489,630) 2011-05-24

[21] **2,833,178**
[13] A1

[51] **Int.Cl. E21B 43/248 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING HYDROCARBON COMPOUNDS, ESPECIALLY CRUDE OIL, FROM UNDERGROUND OIL SANDS DEPOSITS**
[54] **PROCEDE POUR EXTRAIRE DES COMPOSES HYDROCARBONES, NOTAMMENT DU PETROLE BRUT, DE GISEMENTS DE SABLES PETROLIFERES SOUTERRAINS**
[72] EISENSCHMID, RALPH, DE
[72] SCHROMM, HANS-KURT, DE
[72] KLEINHANS, MATTHIAS, DE
[71] SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH, DE
[85] 2013-10-15
[86] 2012-03-07 (PCT/EP2012/053904)
[87] (WO2012/143168)
[30] DE (10 2011 007 617.4) 2011-04-18

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[51] **Int.Cl. C07C 1/00 (2006.01) C07C 4/00 (2006.01) C10B 49/02 (2006.01)**
[25] EN
[54] **PROCEDES POUR PRODUCING HIGH-CARBON BIOGENIC REAGENTS**
[54] **PROCEDES POUR LA PRODUCTION DE REACTIFS BIOGENIQUES A HAUTE TENEUR EN CARBONE**
[72] MENNELL, JAMES A., US
[72] DESPEN, DANIEL J., US
[71] BIOGENIC REAGENTS LLC, US
[85] 2013-10-11
[86] 2012-04-13 (PCT/US2012/033630)
[87] (WO2012/142491)
[30] US (61/476,025) 2011-04-15
[30] US (61/476,043) 2011-04-15
[30] US (61/475,930) 2011-04-15
[30] US (61/475,937) 2011-04-15
[30] US (61/475,943) 2011-04-15
[30] US (61/475,946) 2011-04-15
[30] US (61/475,949) 2011-04-15
[30] US (61/475,956) 2011-04-15
[30] US (61/475,959) 2011-04-15
[30] US (61/475,968) 2011-04-15
[30] US (61/475,971) 2011-04-15
[30] US (61/475,973) 2011-04-15
[30] US (61/475,977) 2011-04-15
[30] US (61/475,981) 2011-04-15
[30] US (61/475,991) 2011-04-15
[30] US (61/475,996) 2011-04-15
[30] US (61/476,049) 2011-04-15

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[13] A1

[51] **Int.Cl. C07D 413/10 (2006.01) A61K 31/454 (2006.01) A61K 31/5377 (2006.01) A61P 9/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **NOVEL PIPERIDINYL MONOCARBOXYLIC ACIDS AS 51P1 RECEPTOR AGONISTS**
[54] **NOUVEAUX ACIDES PIPERIDINYLMONOCARBOXYLIQUES A TITRE D'AGONISTES DES RECEPTEURS DE 51P1**
[72] CAPET, MARC, FR
[72] BERREBI-BERTRAND, ISABELLE, FR
[72] ROBERT, PHILIPPE, FR
[72] SCHWARTZ, JEAN-CHARLES, FR
[72] LECOMTE, JEANNE-MARIE, FR
[72] THENNATI, RAJAMANNAR, IN
[72] PAL, RANJAN KUMAR, IN
[72] SAMANTA, BISWAJIT, IN
[72] PILLAI, MUTHUKUMARAN NATARAJAN, IN
[72] DESAI, JAPAN NITINKUMAR, IN
[72] RANA, DIJIXA CHANDUBHAI, IN
[72] PRAJAPATI, KAUSHIK DHANJUBHAI, IN
[72] PATHAK, SANDEEP PANKAJBHAI, IN
[72] PANCHAL, BHAVESH M., IN
[72] ARADHYE, JAYRAJ D., IN
[71] BIOPROJET, FR
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LTD, IN
[85] 2013-10-15
[86] 2012-04-10 (PCT/EP2012/056470)
[87] (WO2012/140020)
[30] EP (11305433.2) 2011-04-12

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[13] A1

[51] **Int.Cl. C25B 9/02 (2006.01) C25B 9/08 (2006.01)**
[25] EN
[54] **ALTERNATIVE INSTALLATION OF A GAS DIFFUSION ELECTRODE IN AN ELECTROCHEMICAL CELL HAVING PERCOLATOR TECHNOLOGY**
[54] **VARIANTE DE MONTAGE D'UNE ELECTRODE A DIFFUSION GAZEUSE DANS UNE CELLULE ELECTROCHIMIQUE A TECHNOLOGIE DE PERCOLATION**
[72] WOLTERING, PETER, DE
[72] KIEFER, RANDOLF, DE
[72] WEBER, RAINER, DE
[72] BULAN, ANDREAS, DE
[71] THYSSENKRUPP UHDE GMBH, DE
[71] UHDENORA S.P.A., DE
[85] 2013-10-15
[86] 2012-04-07 (PCT/EP2012/001533)
[87] (WO2012/139741)
[30] DE (10 2011 017 264.5) 2011-04-15

[21] **2,833,183**
[13] A1

[51] **Int.Cl. B65D 81/38 (2006.01)**
[25] EN
[54] **PACKAGING HAVING A SURROUNDING HEAT BARRIER**
[54] **EMBALLAGE DOTE D'UNE BARRIERE THERMIQUE ENVELOPPANTE**
[72] ROS, NICO, CH
[72] Ettl, RICHARD, CH
[71] ROS, NICO, CH
[71] Ettl, RICHARD, CH
[85] 2013-10-15
[86] 2012-04-23 (PCT/AT2012/000110)
[87] (WO2012/142639)
[30] AT (A 572/2011) 2011-04-21

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[13] A1

[51] **Int.Cl. G01C 15/00 (2006.01) B64C 39/02 (2006.01) G01S 17/42 (2006.01) G05D 1/02 (2006.01)**

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[54] **GEODETIC MARKING SYSTEM FOR MARKING TARGET POINTS**

[54] **SYSTEME DE MARQUAGE GEODESIQUE POUR LE MARQUAGE DE POINTS DE MIRE**

[72] METZLER, BERNHARD, AT

[71] HEXAGON TECHNOLOGY CENTER GMBH, CH

[85] 2013-10-15

[86] 2012-04-13 (PCT/EP2012/056757)

[87] (WO2012/140188)

[30] EP (11162509.1) 2011-04-14

[21] **2,833,185**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) C10G 1/00 (2006.01) C10G 1/08 (2006.01) C10L 1/04 (2006.01) C10L 1/06 (2006.01)**

[25] EN

[54] **LIQUID FUEL COMPOSITION**

[54] **COMPOSITION DE COMBUSTIBLE LIQUIDE**

[72] PRICE, RICHARD JOHN, GB

[72] SCHAVERIEN, COLIN JOHN, NL

[72] JANSSEN, ANDRIES HENDRIK, NL

[72] HARRIS, JOHN WILLIAM, NL

[72] GOSSELINK, JOHAN WILLEM, NL

[72] WAY, NICOLAAS WILHELMUS JOSEPH, NL

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2013-10-15

[86] 2012-04-23 (PCT/EP2012/057409)

[87] (WO2012/143568)

[30] EP (11163544.7) 2011-04-21

[21] **2,833,186**
[13] A1

[51] **Int.Cl. G01C 15/00 (2006.01) G01S 19/10 (2010.01) G01S 19/51 (2010.01)**

[25] EN

[54] **MEASURING SYSTEM AND METHOD FOR DETERMINING NEW POINTS**

[54] **SYSTEME DE MESURE ET PROCEDE DE DETERMINATION DE POINT NOUVEAU**

[72] METZLER, BERNHARD, AT

[71] HEXAGON TECHNOLOGY CENTER GMBH, CH

[85] 2013-10-15

[86] 2012-04-13 (PCT/EP2012/056758)

[87] (WO2012/140189)

[30] EP (11162505.9) 2011-04-14

[21] **2,833,187**
[13] A1

[51] **Int.Cl. B64F 1/36 (2006.01)**

[25] EN

[54] **SYSTEM FOR DELIVERING PRE-CONDITIONED AIR TO AN AIRCRAFT ON THE GROUND**

[54] **SYSTEME POUR APPORTER DE L'AIR PRECONDITIONNE A UN AERONEF AU SOL**

[72] TINDE, JOHAN, DE

[71] IPALCO B.V., NL

[85] 2013-10-15

[86] 2012-04-13 (PCT/EP2012/056856)

[87] (WO2012/140247)

[30] LU (91808) 2011-04-15

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[13] A1

[51] **Int.Cl. C08J 3/07 (2006.01) B82Y 5/00 (2011.01) B82Y 30/00 (2011.01) A61K 8/00 (2006.01) A61K 8/91 (2006.01) A61K 35/00 (2006.01) C08F 292/00 (2006.01)**

[25] EN

[54] **NANOPARTICLES COMPRISING ESTERS OF POLY (METHYL VINYL ETHER-CO-MALEIC ANHYDRIDE) AND USES THEREOF**

[54] **NANOPARTICULES COMPRENANT DES ESTERS DE POLY(OXYDE DE METHYLE ET DE VINYLE-CO-ANHYDRIDE MALEIQUE) ET LEURS UTILISATIONS**

[72] SALMAN, HESHAM H.A., ES

[72] GONI AZCARATE, IZASKUN, ES

[71] BIONANOPLUS, S.L., ES

[85] 2013-10-15

[86] 2012-04-16 (PCT/EP2012/056900)

[87] (WO2012/140252)

[30] EP (11382115.1) 2011-04-15

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[13] A1

[51] **Int.Cl. B21D 5/00 (2006.01) B21D 11/10 (2006.01) B21D 11/20 (2006.01) B21D 17/04 (2006.01) B21D 39/02 (2006.01) B21D 47/00 (2006.01) B23K 26/14 (2006.01) B23K 26/20 (2006.01) E02D 5/04 (2006.01) E04B 5/40 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A STEEL PROFILED ELEMENT**

[54] **PROCEDE DE FABRICATION D'UN PROFILE EN ACIER**

[72] WUNSCH, ACHIM, DE

[71] ORIGAMI STEEL CORP., US

[85] 2013-10-15

[86] 2012-05-04 (PCT/EP2012/058311)

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[13] A1

[51] **Int.Cl. B65C 9/12 (2006.01)**
[25] EN
[54] **CAROUSEL LABELING MACHINE FOR PRE-GLUED LABELS ON A RIBBON**
[54] **MACHINE A COLLER LES ETIQUETTES A CARROUSEL DESTINEE A DES ETIQUETTES PRECOLLEES SUR UN RUBAN**
[72] SCHINELLI, NICOLA, IT
[71] P.E. LABELLERS S.P.A., IT
[85] 2013-10-15
[86] 2012-04-16 (PCT/EP2012/056915)
[87] (WO2012/146501)
[30] IT (VR2011A000081) 2011-04-28

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[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4709 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **2-AMINO-3-(IMIDAZOL-2-YL)-PYRIDIN-4-ONE DERIVATIVES AND THEIR USE AS VEGF RECEPTOR KINASE INHIBITORS**
[54] **DERIVES DE 2-AMINO-3-(IMIDAZOL-2-YL)-PYRIDINE-4-ONE ET UTILISATION DE CEUX-CI COMME INHIBITEURS DE KINASES ASSOCIEES AU RECEPTEUR DU VEGF**
[72] BRAUN, ALAIN, FR
[72] DUCLOS, OLIVIER, FR
[72] LASSALLE, GILBERT, FR
[72] LORGE, FRANZ, FR
[72] MARTIN, VALERIE, FR
[72] RITZELER, OLAF, DE
[72] STRUB, AURELIE, FR
[71] SANOFI, FR
[85] 2013-10-15
[86] 2012-05-16 (PCT/EP2012/059145)
[87] (WO2012/159959)
[30] EP (11305624.6) 2011-05-20

[21] **2,833,193**
[13] A1

[51] **Int.Cl. F04D 29/22 (2006.01) F04D 29/24 (2006.01)**
[25] EN
[54] **IMPELLER FOR CENTRIFUGAL PUMPS**
[54] **ROTOR POUR POMPES CENTRIFUGES**
[72] SPRINGER, PEER, DE
[71] KSB AKTIENGESELLSCHAFT, DE
[85] 2013-10-15
[86] 2012-04-18 (PCT/EP2012/057035)
[87] (WO2012/143367)
[30] DE (102011007907.6) 2011-04-21

[21] **2,833,195**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 36/00 (2009.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO VOICE QUALITY CONTROL**
[54] **AMELIORATIONS APORTEES AU CONTROLE DE LA QUALITE VOCALE OU S'Y RAPPORTANT**
[72] VANDEMOERE, DAVY, BE
[72] BINET, GUILLAUME, BE
[71] MONDIAL TELECOM, BE
[85] 2013-10-15
[86] 2012-04-20 (PCT/EP2012/057324)
[87] (WO2012/143536)
[30] EP (11163304.6) 2011-04-20

[21] **2,833,196**
[13] A1

[51] **Int.Cl. H04W 68/12 (2009.01) H04W 76/02 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **CALL ROUTING FOR A MULTI-MODE TERMINAL BEING IN A MULTI-MODE COMMUNICATIONS SYSTEM**
[54] **ACHEMINEMENT D'APPELS POUR UN TERMINAL MULTIMODE SE TROUVANT DANS UN SYSTEME DE COMMUNICATION MULTIMODE**
[72] VANDEMOERE, DAVY, BE
[72] BINET, GUILLAUME, BE
[71] MONDIAL TELECOM, BE
[85] 2013-10-15
[86] 2012-04-20 (PCT/EP2012/057329)
[87] (WO2012/143539)
[30] EP (11163303.8) 2011-04-20

[21] **2,833,197**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) B01D 53/24 (2006.01) B01J 8/00 (2006.01) B01J 8/18 (2006.01) B01J 8/24 (2006.01) C10B 49/22 (2006.01) C10G 1/08 (2006.01) C10G 11/18 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO SEPARATION OF PRODUCT STREAMS**
[54] **AMELIORATIONS APORTEES A LA SEPARATION DE DEBITS DILUATS**
[72] HARRIS, JOHN WILLIAM, NL
[72] SCHAVERIEN, COLIN JOHN, NL
[72] WAY, NICOLAAS WILHELMUS JOSEPH, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-10-15
[86] 2012-04-23 (PCT/EP2012/057368)
[87] (WO2012/143549)
[30] EP (11163487.9) 2011-04-21

[21] **2,833,198**
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[51] **Int.Cl. C10G 3/00 (2006.01) B01J 8/18 (2006.01) B01J 8/24 (2006.01) C10B 49/22 (2006.01) C10G 1/00 (2006.01) C10G 1/08 (2006.01) C10G 11/18 (2006.01)**
[25] EN
[54] **PROCESS FOR CONVERTING A SOLID BIOMASS MATERIAL**
[54] **PROCEDE DE TRANSFORMATION D'UN MATERIAU DE BIOMASSE SOLIDE**
[72] BOON, ANDRIES QUIRIN MARIA, NL
[72] GOSSELINK, JOHAN WILLEM, NL
[72] HARRIS, JOHN WILLIAM, NL
[72] JANSSEN, ANDRIES HENDRIK, NL
[72] VAN PAASEN, SANDER, NL
[72] SCHAVERIEN, COLIN JOHN, NL
[72] WAY, NICOLAAS WILHELMUS JOSEPH, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-10-15
[86] 2012-04-23 (PCT/EP2012/057369)
[87] (WO2012/143550)
[30] EP (11163542.1) 2011-04-21

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[25] EN	[25] EN	[25] EN
[54] PROCESS FOR CONVERTING A SOLID BIOMASS MATERIAL	[54] PROCESS FOR PREPARING A SUSPENSION OF SOLID BIOMASS PARTICLES IN A HYDROCARBON-CONTAINING LIQUID AND CONVERTING THE SUSPENSION	[54] PROCESS FOR CONVERTING A SOLID BIOMASS MATERIAL
[54] PROCEDE DE TRANSFORMATION D'UN MATERIAU DE BIOMASSE SOLIDE	[54] PROCEDE DE PREPARATION D'UNE SUSPENSION DE PARTICULES DE BIOMASSE SOLIDE DANS UN LIQUIDE HYDROCARBONE ET DE TRANSFORMATION DE LA SUSPENSION	[54] PROCEDE DE CONVERSION D'UNE BIOMASSE SOLIDE
[72] BOON, ANDRIES QUIRIN MARIA, NL	[72] BOON, ANDRIES QUIRIN MARIA, NL	[72] SCHAUVERIEN, COLIN JOHN, NL
[72] GOSSELINK, JOHAN WILLEM, NL	[72] GOSSELINK, JOHAN WILLEM, NL	[72] JANSSEN, ANDRIES HENDRIK, NL
[72] HARRIS, JOHN WILLIAM, NL	[72] HARRIS, JOHN WILLIAM, NL	[72] JANSSEN, ANDRIES HENDRIK, NL
[72] JANSSEN, ANDRIES HENDRIK, NL	[72] HARRIS, JOHN WILLIAM, NL	[72] HARRIS, JOHN WILLIAM, NL
[72] VAN PAASEN, SANDER, NL	[72] JANSSEN, ANDRIES HENDRIK, NL	[72] VAN PAASEN, SANDER, NL
[72] SCHAUVERIEN, COLIN JOHN, NL	[72] VAN PAASEN, SANDER, NL	[72] GOSSELINK, JOHAN WILLEM, NL
[72] WAY, NICOLAAS WILHELMUS JOSEPH, NL	[72] SCHAUVERIEN, COLIN JOHN, NL	[72] WAY, NICOLAAS WILHELMUS JOSEPH, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL	[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL	[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-10-15	[85] 2013-10-15	[85] 2013-10-15
[86] 2012-04-23 (PCT/EP2012/057371)	[86] 2012-04-23 (PCT/EP2012/057372)	[86] 2012-04-23 (PCT/EP2012/057403)
[87] (WO2012/143551)	[87] (WO2012/143552)	[87] (WO2012/143564)
[30] EP (11163475.4) 2011-04-21	[30] EP (11163447.3) 2011-04-21	[30] EP (11163436.6) 2011-04-21

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[51] Int.Cl. C07D 471/02 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07D 473/00 (2006.01)	[51] Int.Cl. C10G 3/00 (2006.01)	[51] Int.Cl. B01D 11/02 (2006.01) B09B 3/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] PYRIDIN-2 (1H) -ONE DERIVATIVES USEFUL AS MEDICAMENTS FOR THE TREATMENT OF MYELOPROLIFERATIVE DISORDERS, TRANSPLANT REJECTION, IMMUNE-MEDIATED AND INFLAMMATORY DISEASES	[54] CATALYTIC PROCESS AND APPARATUS FOR PRODUCING HYDROCARBONS FROM BIOOILS	[54] A PROCESS FOR SEPARATION AND PURIFICATION OF SODIUM SULFIDE
[54] DERIVES DE PYRIDIN-2(1H)-ONE UTILES EN TANT QUE MEDICAMENTS POUR LE TRAITEMENT DE TROUBLES MYELOPROLIFERATIFS, DU REJET DE GREFFE, DE MALADIES A MEDIATION IMMUNITAIRE ET INFLAMMATOIRES	[54] PROCEDE CATALYTIQUE ET APPAREIL POUR LA PRODUCTION D'HYDROCARBURES A PARTIR DE BIO-HUILES	[54] PROCEDE DE SEPARATION ET DE PURIFICATION DE SULFURE DE SODIUM
[72] EASTWOOD, PAUL ROBERT, ES	[72] NOUSIAINEN, JAAKKO, FI	[72] CHAVAN, SANDEEP VASANT, IN
[72] GONZALEZ RODRIGUEZ, JACOB, ES	[72] RISSANEN, ARTO, FI	[72] KINI, HARSHAD RAVINDRA, IN
[72] GOMEZ CASTILLO, ELENA, ES	[72] GUTIERREZ, ANDREA, FI	[71] ADITYA BIRLA SCIENCE & TECHNOLOGY CO. LTD., IN
[72] BACH TANA, JORDI, ES	[72] LINDBERG, TEEMU, FI	[85] 2013-10-11
[71] ALMIRALL, S.A., ES	[72] LAUMOLA, HELI, FI	[86] 2012-04-12 (PCT/IN2012/000263)
[85] 2013-10-15	[72] KNUUTTILA, PEKKA, FI	[87] (WO2012/147097)
[86] 2012-05-21 (PCT/EP2012/059394)	[71] UPM-KYMMENE CORPORATION, FI	[30] IN (1235/MUM/2011) 2011-04-15
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	[25] EN	[71] FYFE CO., LLC, US
	[54] INTERMEDIATE FOR SYNTHESIZING CASPOFUNGIN AND PREPARATION METHOD THEREFOR	[85] 2013-10-11
	[54] INTERMEDIAIRE UTILISABLE EN VUE DE LA SYNTHESE DE CASPOFUNGINE ET PROCEDE DE PREPARATION ASSOCIE	[86] 2012-04-18 (PCT/US2012/034114)
	[72] ZHANG, FUYAO, CN	[87] (WO2012/145422)
	[72] SHEN, XIAOMING, CN	[30] US (61/476,484) 2011-04-18
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	[72] SUN, PIAOYANG, CN	[21] 2,833,211 [13] A1
	[71] UNITRIS BIOPHARMA CO., LTD., CN	[51] Int.Cl. B60B 7/01 (2006.01)
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		[72] RATHBONE, CURT JOHN, GB
		[71] RATHBONE, CHRISTOPHER LEONARD, GB
		[71] RATHBONE, CURT JOHN, GB
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		[86] 2012-04-19 (PCT/GB2012/050859)
		[87] (WO2012/143720)
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[54] **MULTIPLE REACTION MONITORING LC-MS/MS METHOD TO DETECT THERAPEUTIC ANTIBODIES IN ANIMAL SAMPLES USING FRAMEWORK SIGNATURE PEPTIDES**

[54] **PROCEDE LC-MS/MS DE SURVEILLANCE DE REACTIONS MULTIPLES POUR DETECTER DES ANTICORPS THERAPEUTIQUES DANS DES ECHANTILLONS ANIMAUX A L'AIDE DE PEPTIDES DE SIGNATURE D'INFRASTRUCTURE**

[72] KAUR, SURINDER, US
[72] SAAD, OLA, US
[72] XU, KEYANG, US
[71] GENENTECH, INC., US
[85] 2013-10-11
[86] 2012-05-11 (PCT/US2012/037455)
[87] (WO2012/155019)
[30] US (61/485,249) 2011-05-12

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[51] **Int.Cl. C02F 11/12 (2006.01) F26B 17/02 (2006.01)**
[25] EN
[54] **DRYING DEVICE AND METHOD FOR DRYING A PUMPABLE MIXTURE**

[54] **DISPOSITIF ET PROCEDE DE SECHAGE POUR SECHER UN MELANGE POMPABLE**

[72] ROELOFS, SEINE, NL
[72] ROELOFS, WILLEM SEINE CHRISTIAN, NL
[71] PATENT PLUS B.V., NL
[85] 2013-10-15
[86] 2012-04-16 (PCT/NL2012/000027)
[87] (WO2012/144888)
[30] NL (2006610) 2011-04-14

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[54] **AUTOMATIC GEMSTONE ORIENTATION**

[54] **ORIENTATION AUTOMATIQUE DE PIERRES PRECIEUSES**

[72] D'GAMA, SIOBHAN, GB
[72] WILLIS, MAXWELL RALPH, GB
[72] DAVIES, NICHOLAS MATTHEW, GB
[72] POWELL, GRAHAM RALPH, GB
[71] DE BEERS CENTENARY AG, CH
[85] 2013-10-15
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[54] **TEMPORARY ABUTMENT WITH COMBINATION OF SCANNING FEATURES AND PROVISIONALIZATION FEATURES**

[54] **DENT PILIER PROVISOIRE COMBINANT CARACTERISTIQUES D'EXPLORATION ET CARACTERE PROVISOIRE**

[72] ROBB, T. TAIT, US
[72] HERRINGTON, STEPHEN M., US
[72] MONTERO, MIGUEL G., US
[72] GOODMAN, RALPH E., US
[72] ROGERS, DAN P., US
[72] BELLANCA, JOHN J., US
[72] SUTTIN, ZACHARY B., US
[71] BIOMET 3I, LLC, US
[85] 2013-10-11
[86] 2012-05-16 (PCT/US2012/038097)
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[54] **EXTENSEUR**

[72] BRESSLOFF, NEIL W., GB
[72] PANT, SANJAY, GB
[72] AL-LAMEE, KADEM GAYAD, GB
[71] ARTERIUS LIMITED, GB
[85] 2013-10-15
[86] 2012-04-20 (PCT/GB2012/050882)
[87] (WO2012/143731)
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[51] **Int.Cl. H01L 21/04 (2006.01) H01L 29/16 (2006.01)**
[25] EN
[54] **AN ELECTRICAL CONDUCTOR**

[54] **CONDUCTEUR ELECTRIQUE**

[72] PRINS, JOHAN FRANS, ZA
[71] SAGE WISE 66 (PTY) LTD, ZA
[85] 2013-10-15
[86] 2012-04-13 (PCT/IB2012/051830)
[87] (WO2012/140611)
[30] ZA (2011/02820) 2011-04-14

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[25] EN
[54] **MEDICAL FOOD FOR COGNITIVE DECLINE**

[54] **ALIMENT THERAPEUTIQUE POUR DECLIN COGNITIF**

[72] COLE, GREG M., US
[72] FRAUTSCHY, SALLY A., US
[72] SCHUBERT, DAVID R., US
[72] MAHER, PAMELA A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[71] DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2013-10-11
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[54] **OCCLUSION DEVICE AND ASSOCIATED DEPLOYMENT METHOD**
[54] **DISPOSITIF D'OCCLUSION ET SON PROCEDE DE DEPLOIEMENT**
[72] REN, BROOKE, US
[71] AGA MEDICAL CORPORATION, US
[85] 2013-10-11
[86] 2012-06-07 (PCT/US2012/041203)
[87] (WO2013/032551)
[30] US (13/163,313) 2011-06-17

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[25] EN
[54] **NEW COMPOUNDS FOR TREATING, DELAYING AND/OR PREVENTING A HUMAN GENETIC DISORDER SUCH AS MYOTONIC DYSTROPHY TYPE 1 (DM1)**
[54] **NOUVEAUX COMPOSES POUR TRAITER, RETARDER ET/OU PREVENIR UN TROUBLE GENETIQUE HUMAIN, TEL QUE LA DYSTROPHIE MYOTONIQUE DE TYPE 1 (DM1)**
[72] AGUILERA DIEZ, MARIA BEGONA, NL
[72] DE VISSER, PETER CHRISTIAN, NL
[72] MULDER, SUSAN ALLEGONDA MARIA, NL
[71] PROSENSA TECHNOLOGIES B.V., NL
[85] 2013-10-15
[86] 2012-04-23 (PCT/NL2012/050273)
[87] (WO2012/144906)
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/64 (2006.01)**
[25] EN
[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND METHOD FOR MAKING THE SAME**
[54] **PLANTES AYANT DES CARACTERES AMELIORES LIES AU RENDEMENT ET LEUR PROCEDE DE FABRICATION**
[72] FRANKARD, VALERIE, BE
[72] LOUWERS, MARIEKE, BE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2013-10-15
[86] 2012-05-08 (PCT/IB2012/052284)
[87] (WO2012/153267)
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[25] EN
[54] **GENETIC VARIANT OF CYTOMEGALOVIRUS (CMV)**
[54] **VARIANT GENETIQUE DE CYTOMEGALOVIRUS (CMV)**
[72] NAUCLER, CECILIA, SE
[71] NAUCLER, CECILIA, SE
[85] 2013-10-15
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	<p>[51] Int.Cl. G01C 11/36 (2006.01)</p> <p>[25] EN</p> <p>[54] OBLIQUE GEOLOCATION AND MEASUREMENT SYSTEM</p> <p>[54] SYSTEME DE LOCALISATION GEOGRAPHIQUE ET DE MESURE A PARTIR D'IMAGES OBLIQUES</p> <p>[72] SCHULTZ, STEPHEN, US</p> <p>[72] GIUFFRIDA, FRANK, US</p> <p>[72] GRAY, ROBERT, US</p> <p>[72] MONDELLO, CHARLES, US</p> <p>[71] PICTOMETRY INTERNATIONAL CORP., US</p> <p>[22] 2003-11-07</p> <p>[41] 2004-05-27</p> <p>[62] 2,505,566</p> <p>[30] US (60/425,275) 2002-11-08</p>	<p>[51] Int.Cl. G01B 15/04 (2006.01) A41H 1/02 (2006.01) G01N 23/00 (2006.01) A61B 5/117 (2006.01)</p> <p>[25] EN</p> <p>[54] INTERROGATION OF AN OBJECT FOR DIMENSIONAL AND TOPOGRAPHICAL INFORMATION</p> <p>[54] INTERROGATION D'UN OBJET POUR OBTENIR SES DIMENSIONS OU SA REPRESENTATION VOLUMETRIQUE</p> <p>[72] MCMAKIN, DOUG L., US</p> <p>[72] SEVERTSEN, RONALD H., US</p> <p>[72] HALL, THOMAS E., US</p> <p>[72] SHEEN, DAVID M., US</p> <p>[71] BATTELLE MEMORIAL INSTITUTE, US</p> <p>[22] 2001-03-30</p> <p>[41] 2002-09-16</p> <p>[62] 2,342,522</p> <p>[30] US (09/810,054) 2001-03-16</p>

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[25] EN

[54] **AUTOMATED BIOLOGICAL GROWTH AND DISPENSING SYSTEM**

[54] **SYSTEME AUTOMATISE DE CROISSANCE ET DE DISTRIBUTION BIOLOGIQUES**

[72] OPHARDT, HEINER, CH

[71] HYGIENE-TECHNIK INC., CA

[22] 2003-09-04

[41] 2005-03-04

[62] 2,439,645

[21] **2,829,436**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/16 (2006.01)**

[25] EN

[54] **USE OF SWELLABLE MATERIAL IN AN ANNULAR SEAL ELEMENT TO PREVENT LEAKAGE IN A SUBTERRANEAN WELL**

[54] **UTILISATION D'UNE MATIERE GONFLABLE DANS UN ELEMENT D'ETANCHEITE ANNULAIRE POUR EMPECHER TOUTE FUITE DANS UN Puits SOUTERRAIN**

[72] WEBB, EARL, US

[72] ALLISON, DAVID B., US

[72] SEVRE, ALF K., US

[72] MACDONALD, MICHAEL, US

[72] BOZEMAN, TIMOTHY, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2009-11-16

[41] 2010-05-27

[62] 2,743,638

[30] US (12/276,790) 2008-11-24

[21] **2,829,445**
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[51] **Int.Cl. G02F 1/03 (2006.01) G02F 1/29 (2006.01)**

[25] EN

[54] **ELECTROOPTIC DEVICE**

[54] **ELEMENT ELECTRO-OPTIQUE**

[72] NAKAMURA, KOUICHIROU, JP

[72] FUJIURA, KAZUO, JP

[72] IMAI, TADAYUKI, JP

[72] MIYAZU, JUN, JP

[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP

[22] 2006-06-20

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[62] 2,611,613

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[13] A1

[51] **Int.Cl. B23C 3/30 (2006.01) B23F 5/00 (2006.01) B23P 15/00 (2006.01) F16D 1/10 (2006.01) F16D 3/06 (2006.01)**

[25] EN

[54] **SMILLED SPLINE APPARATUS AND SMILING PROCESS FOR MANUFACTURING THE SMILLED SPLINE APPARATUS**

[54] **APPAREIL A FACONNER ET A FRAISER DES CANNELURES ET PROCEDE DE FACONNAGE ET DE FRAISAGE POUR LA FABRICATION DE L'APPAREIL A FACONNER ET A FRAISE DES CANNELURES**

[72] PHEBUS, DAN E., US

[72] HAYWARD, WILLIAM H., US

[71] FAIRFIELD MANUFACTURING COMPANY, INC., US

[22] 2011-09-14

[41] 2012-11-02

[62] 2,752,346

[30] US (13/099,080) 2011-05-02

[21] **2,829,524**
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[51] **Int.Cl. A47F 1/10 (2006.01) A47F 10/06 (2006.01) A47F 13/00 (2006.01) A47G 21/00 (2006.01)**

[25] EN

[54] **DISPENSER FOR DISPOSABLE CUTLERY AND COMPONENTS THEREFOR**

[54] **DISTRIBUTEUR DE COUTELLERIE JETABLE ET COMPOSANTS CONNEXE**

[72] SORENSEN, THOMAS J., US

[72] SMITH, PATRICK J., US

[72] LORE, VITO, US

[72] KIRKPATRICK, ANDY L., US

[72] KILGORE, MICHAEL R., US

[72] JADIN, TIMOTHY D., US

[72] HONAN, DAVID, US

[71] DIXIE CONSUMER PRODUCTS LLC, US

[22] 2006-05-04

[41] 2006-11-05

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[25] EN

[54] **WHOLESALE/TRADE-IN PRICING SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT THEREFOR**

[54] **METHODE ET SYSTEME D'ETABLISSEMENT DES PRIX DE GROS/VENTE AVEC REPRISE ET PRODUIT-PROGRAMME INFORMATIQUE CONNEXE**

[72] LAUGHLIN, ISAAC LEMON, US

[72] LIU, XINGCHU, US

[72] SEMENIUK, MIKHAIL, US

[72] SWINSON, MICHAEL D., US

[71] TRUECAR, INC., US

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[25] EN
[54] **INTEGRATED TREE ROOT AND STORM WATER SYSTEM**
[54] **SYSTEME D'EAU PLUVIALE ET DE RACINE D'ARBRE INTEGRE**
[72] URBAN, JAMES, US
[72] KEY, ALBERT L., US
[72] RAY, CHARLES JULIAN, US
[72] RAY, CHARLES GRAHAM, US
[72] JAMES, MICHAEL, CA
[71] DEEPROOT GREEN INFRASTRUCTURE, LLC, US
[22] 2005-01-14
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[25] EN
[54] **DISPENSING DEVICE**
[54] **UN DISTRIBUTEUR POUR DISTRIBUER DES DOSES D'UNE SUBSTANCE**
[72] SCARROTT, PETER, CA
[72] LAWRENCE, GREG, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[22] 2007-08-01
[41] 2008-02-07
[62] 2,659,560
[30] US (60/834,764) 2006-08-01

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[54] **A CLEANSER SYSTEM FOR MILKING EQUIPMENT**
[54] **SYSTEME DE NETTOYAGE POUR EQUIPEMENT DE TRAITE**
[72] HOFMAN, HENK, NL
[72] DE RUIJTER, COR, NL
[72] KOEKOEK, MENNO, NL
[72] VAN DER SLUIS, PETER WILLEM, NL
[71] TECHNOLOGIES HOLDINGS CORP., US
[22] 2012-04-27
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[30] US (13/095,983) 2011-04-28
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[25] EN
[54] **METHODS AND SYSTEMS FOR THE PRODUCTION OF HYDROCARBON PRODUCTS**
[54] **PROCEDES ET SYSTEMES POUR PRODUIRE DES PRODUITS HYDROCARBONES**
[72] SCHULTZ, MICHAEL, US
[72] OBERN, JAMES, US
[72] SIMPSON, SEAN, NZ
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[22] 2011-10-21
[41] 2012-04-26
[62] 2,789,330
[30] US (61/405,854) 2010-10-22
[30] US (61/408,236) 2010-10-29
[30] NZ (NZ589700) 2010-12-03
[30] US (61/439,316) 2011-02-03

[21] **2,829,933**
[13] A1

[51] **Int.Cl. A63F 13/00 (2006.01) A63F 1/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VIDEO POKER GAMES**
[54] **JEU DE POKER ELECTRONIQUE**
[72] MOODY, ERNEST W., US
[71] IGT, US
[22] 1998-05-12
[41] 1999-01-25
[62] 2,237,438
[30] US (08/900,965) 1997-07-25

[21] **2,830,585**
[13] A1

[51] **Int.Cl. A01B 79/02 (2006.01) A01B 45/02 (2006.01) B01D 53/92 (2006.01) C05C 3/00 (2006.01) C05C 11/00 (2006.01) C05D 9/00 (2006.01) C05F 11/08 (2006.01) C09K 17/00 (2006.01) F02B 75/10 (2006.01)**
[25] EN
[54] **METHOD OF RECYCLING EXHAUST EMISSIONS**
[54] **METHODE DE RECYCLAGE DES EMISSIONS DE GAZ D'ECHAPPEMENT**
[72] LEWIS, GARY, CA
[71] N/C QUEST INC., CA
[22] 2006-06-06
[41] 2006-12-14
[62] 2,611,168
[30] CA (2,509,172) 2005-06-06

[21] **2,831,674**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSESSMENT OF HEALTH RISKS AND VISUALIZATION OF WEIGHT LOSS AND MUSCLE GAIN**
[54] **SYSTEME ET METHODE D'EVALUATION DES RISQUES POUR LA SANTE ET DE VISUALISATION DES PERTES DE POIDS ET DES GAINS DE MASSE MUSCULAIRE**
[72] BRAVOMALO, MARIO J., US
[72] BRUCKS, RUSS EDWARD, US
[71] INTER-IMAGES PARTNERS, L.P., US
[22] 2003-10-10
[41] 2005-04-10
[62] 2,462,703

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[21] **2,831,685**
[13] A1
[51] **Int.Cl. A01D 17/00 (2006.01) A01D 33/08 (2006.01)**
[25] EN
[54] **CONTINUOUS LONGITUDINAL FLOW ROOT CROP HARVESTING**
[54] **RECOLTE DE PLANTES-RACINES A DEBIT LONGITUDINAL CONTINU**
[72] TAYLOR, HOWARD W., US
[72] BAUER, CHARLES B., US
[72] VOGEL, WAYNE A., US
[71] ART'S-WAY MANUFACTURING CO., INC., US
[22] 2005-03-04
[41] 2005-09-09
[62] 2,499,454
[30] US (60/551,512) 2004-03-09
[30] US (11/001,759) 2004-12-02

[21] **2,832,258**
[13] A1
[51] **Int.Cl. B29C 47/08 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMERIC MATERIAL WITH ENHANCED STRENGTH AND PROCESS FOR MANUFACTURING**
[54] **MATERIAU POLYMERE RETICULE A RESISTANCE AMELIOREE ET PROCEDE DE FABRICATION**
[72] SCHROEDER, DAVID W., US
[72] FREEDMAN, JORDAN H., US
[72] GUNTER, JAMES E., US
[72] SALYER, BRIAN D., US
[72] HAWKINS, H. GENE, US
[71] BIOMET MANUFACTURING CORP., US
[22] 2005-10-06
[41] 2006-04-20
[62] 2,586,624
[30] US (60/616,811) 2004-10-07
[30] US (10/963,975) 2004-10-13

[21] **2,832,450**
[13] A1
[51] **Int.Cl. F17D 1/17 (2006.01) B01F 17/46 (2006.01) C10L 10/18 (2006.01)**
[25] EN
[54] **ADDITIVE FOR PRESERVING THE FLUIDITY OF FLUIDS CONTAINING GAS HYDRATES**
[54] **ADDITIF SERVANT A MAINTENIR LA FLUIDITE DE FLUIDES CONTENANT DES HYDRATES DE GAZ**
[72] HELLSTEN, MARTIN, SE
[72] OSKARSSON, HANS, SE
[71] AKZO NOBEL N.V., NL
[22] 2007-03-16
[41] 2007-09-27
[62] 2,646,737
[30] EP (06111496.3) 2006-03-21
[30] US (60/838,992) 2006-08-21

[21] **2,832,668**
[13] A1
[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/60 (2006.01) F16M 11/06 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **A FAN ASSEMBLY HAVING A TILTABLE BODY RELATIVE TO A BASE**
[54] **ENSEMBLE DE VENTILATION A CORPS INCLINABLE PAR RAPPORT A LA BASE**
[72] GAMMACK, PETER DAVID, GB
[72] DYSON, JAMES, GB
[72] KNOX, ALEXANDER STUART, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[22] 2010-02-18
[41] 2010-09-10
[62] 2,803,766
[30] GB (0903679.9) 2009-03-04

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MATERIALS AND ELECTROCHEMICAL RESEARCH (MER) CORPORATION	2,600,524	MICROSOFT CORPORATION	2,513,195	NEXXUS LIGHTING, INC.	2,703,963
MATSUZAKI, NOBUTOSHI	2,661,628	MICROSOFT CORPORATION	2,523,972	NG, WING YIU	2,594,024
MATSUZAKI, YOICHI	2,563,932	MICROSOFT CORPORATION	2,525,000	NGUYEN, BAO	2,715,742
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MATTLAR, HARRI	2,552,945	MIKAMI, HIROSHI	2,420,355	NICOLI, ANDREA	2,660,769
MAUTNER, JOSEF	2,605,933	MIKANI, VASKE	2,667,883	NIKULA, TUOMO	2,749,505
MAWASHI VETEMENTS DE PROTECTION INC.	2,741,234	MIKUS, PAUL W.	2,530,710	NIM ENERGY	2,770,674
MAY, DARRELL	2,638,213	MILHIET, PIERRE	2,504,270	NINOMIYA, YUSUKE	2,735,595
MAYER, STEVEN G.	2,676,605	MILLER, GREG	2,566,178	NIPPON KETJEN CO., LTD.	2,508,630
MAZZEI, FRANCESCA ANN	2,599,411	MILLER, JERRY E.	2,636,973	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,563,932
MCCANLESS, FORREST STARNES	2,638,076	MILLER, STANFORD W.	2,518,397	NISBET, MARK ANDREW	2,602,396
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MCCLAIN, JAMES	2,688,314	MILOSEVIC, SLAVOLJUB	2,605,933	NITSCHKE, STEFAN	2,616,900
MCCOY, JOHN	2,519,227	MINTON, CHARLIE E., III	2,668,805	NOVARTIS AG	2,606,073
MCDONNELL DOUGLAS CORPORATION	2,279,084	MITCHELL, DON	2,604,211	NOVARTIS VACCINES AND DIAGNOSTICS S.R.L.	2,304,796
MCDONNELL, SHAMUS	2,664,577	MITCHELSON, CRAIG	2,585,584	NOVARTIS VACCINES AND DIAGNOSTICS, INC.	2,569,562
MCELHINEY, SUSAN P.	2,499,837	MITSCH, ANDREAS	2,684,165	NOVATEL INC.	2,529,685
MCGARRIGLE, BOB	2,493,858	MIYAMOTO, MICHIKO	2,539,457	NUCLETRON OPERATIONS B.V.	2,484,666
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THOMPSON, RONALD J.	2,576,945	ULUPINAR, FATIH	2,646,082	WANG, DEQIAN	2,574,614
THOMSON OKATSU, TIMOTHY	2,658,327	UNDERWOOD, DENNIS J.	2,570,780	WANG, HAIXIA	2,611,529
THOMSON, CHIP E.	2,561,522	UNIGEN, INC.	2,567,801	WANG, JUN	2,683,156
THYSSENKRUPP STEEL AG	2,650,800	UNILEVER PLC	2,607,570	WANG, KUANSAN	2,523,972
THYSSENKRUPP UHDE GMBH	2,637,123	UNILIN BEHEER B.V.	2,783,398	WARD, EVAN	2,672,575
TIAN, BIN	2,643,811	UNITED PHARMACY PARTNERS, INC.	2,623,817	WARE INDUSTRIES, INC.	2,576,802
TICE, COLIN M.	2,489,590	UNITED STATES GYPSUM COMPANY	2,593,434	WARNECKE, WILHELM	2,650,800
TINGLER, KEVIN S.	2,750,658	UNITED VIDEO PROPERTIES, INC.	2,403,240	WARSAW ORTHOPEDIC, INC.	2,540,969
TISCHENKO, OLEG	2,584,900	UNIVERSITE DE MONTPELLIER I	2,566,481	WASILEWSKI, ANTHONY J.	2,517,217
TISCHER, LEO AUGUST	2,468,810	UNIVERSITE DU DROIT ET DE LA SANTE DE LILLE II	2,580,758	WATKINS, DEREK L.	2,566,178
TITUS, SOLOMON R.	2,667,883	UNIVERSITE MONTPELLIER II	2,566,481	WAVE STAR ENERGY APS	2,604,273
TOBOLEWSKA, MONIKA M	2,607,570	USG INTERIORS, LLC	2,616,100	WCIORKA, MAJA	2,721,974
TOCCHETTI, CARLO G.	2,613,477	USHIO, SHOZO	2,693,832	WEATHERFORD/LAMB, INC.	2,666,045
TOEWS, WALTER	2,630,707	V & M DEUTSCHLAND GMBH	2,616,900	WEATHERFORD/LAMB, INC.	2,747,368
TOKYO METROPOLITAN INSTITUTE OF MEDICAL SCIENCE	2,539,457	VAES, ED	2,534,001	WEATHERFORD/LAMB, INC.	2,755,088
TOLEDANO, OFER	2,677,185	VALADE, FRANKLIN H., JR.	2,661,171	WEAVER, MARK	2,566,178
TOM, NORMA J.	2,691,917	VALENCIA, RAMONCITO M.	2,537,796	WEBB, TERRI	2,811,131
TOMIHATA, KENJI	2,619,785	VALLE, FERNANDO	2,501,574	WEBBERLEY, PHILIP LAWRENCE	2,730,186
TONYAN, TIMOTHY D	2,593,434	VALLOUREC MANNESMANN OIL & GAS FRANCE	2,633,728	WEICK, JOSEPH B.	2,561,522
TORAY INDUSTRIES, INC.	2,539,457	VAN BUUREN, DARREN	2,547,084	WEILL, DAVID	2,531,325
TORRES, MICHAEL I.	2,525,000	VAN DER LUGT, WILCO	2,484,666	WEINBERG, CRISTINA-SIMONA	2,699,366
		VAN PACHTENBEKE, TIM ROGER MICHEL	2,734,705	WEINHOLD, MICHAEL	2,573,005
		VANDYCKE, MICHEL	2,757,824	WEISSINGER, RALF	2,636,616
		VANSTONE, JAMES D.	2,508,738	WELCH, SEAN MICHAEL	2,576,945
		VARNEY, BRIAN WILSON	2,437,264	WELLENHOFER, ANTON	2,718,804
		VAROQUAUX, FABRICE	2,491,607	WEST, STEVEN B.	2,623,817
		VEGA, VICTOR NICHOLAS	2,687,102	WESTMAN, MIKE	2,664,577
		VENTELON, LIONEL	2,717,028	WICKE, MICHAEL	2,606,633
		VERBRUGGE, DAVID	2,713,906	WIDNEY, MARK D.	2,351,648
		VICKUS, EGIIDIUS	2,607,797	WILLIAMS, SPENCER JOHN	2,566,166
		VIEULES, CHRISTOPHE	2,635,121	WILLIS, CHRIS	2,540,873
				WILSON, DAVID EDWARD	2,675,672
				WILSON, DAVID EDWARD	2,692,736
				WILSON, STEPHEN	2,456,009
				WILSON, STEPHEN	2,549,260
				WINKLER, FLORIAN	2,718,804
				WINSLOW, DONALD WAYNE	2,751,320
				WINTER, FLORINA	2,692,736

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WINTERTON, LYNN COOK	2,606,073	ZHAO, MENGLONG	2,753,302
WISE, BRANDON ELLIS	2,687,102	ZHERNOSEKOV, KONSTANTIN	2,749,505
WISLER, MACMILLAN M.	2,734,375	ZHOU, TIEYING	2,643,811
WITTRISCH, CHRISTIAN	2,518,879	ZHU, ZHEN	2,702,604
WIXOM, MICHAEL	2,596,809	ZHUK, YURI	2,582,573
WOEHL, ANINA	2,718,804	ZIA, VAHID	2,691,917
WOLF, THOMAS H.	2,613,199	ZIMMERMANN, HOLGER	2,615,049
WOLFENDEN, NEIL	2,585,584	ZONIT STRUCTURED SOLUTIONS, LLC	2,719,807
WOLLER, JOSEF	2,602,416	ZULIM, DALIBOR	2,638,076
WONG, KAR WAI	2,662,683	ZUNIGA, JUAN CARLOS	2,671,927
WOOD, WILLIAM I.	2,397,207	ZUROWSKI, RAINER	2,573,005
WOODCRAFTERS HOME PRODUCTS, LLC	2,711,079		
WOODHAVEN CAPITAL CORP.	2,744,311		
WOODMAN, OWEN LLEWELLYN	2,566,166		
WORLD WIDE STATIONERY MFG. CO., LTD.	2,594,024		
WOYDT, MATHIAS	2,548,665		
WU, HAIYAN	2,611,312		
WYATT, PETER JONATHAN	2,675,672		
WYATT, PETER JONATHAN	2,692,736		
WYETH HOLDINGS CORPORATION	2,499,837		
WYLIE, ANDREW A.	2,570,780		
XELLIA PHARMACEUTICALS APS	2,577,854		
XEROX CORPORATION	2,607,115		
XEROX CORPORATION	2,711,201		
XEROX CORPORATION	2,755,583		
XIE, XIN	2,507,592		
XU, CHUANJING	2,596,809		
XU, YILING	2,675,481		
XU, YUAN	2,584,900		
YANG, JIANZHONG	2,750,658		
YAP, SU WAN	2,566,166		
YAP, SUWAN	2,566,166		
YILMAZ, ISMAIL TOLGA	2,601,576		
YOO, JAMES	2,602,050		
YOSHIDA, YOSHIHIRO	2,304,956		
YOUNG, JERRY DOUGLAS	2,613,375		
YOUNG, TERRY	2,744,678		
YU, LIN-CHEN	2,570,780		
YUEN, DEBBIE	2,584,781		
ZABAWSKYJ, BOHDAN KONSTANTYN	2,662,683		
ZACH SYSTEM S.P.A.	2,660,769		
ZADEH, RAHIM	2,576,802		
ZAKARIAN, JOHN A.	2,607,108		
ZALA, YASHORAJ RUPSIH	2,601,800		
ZARGARI, MASOUD	2,386,885		
ZEHENTBAUER, GERHARD NORBERT	2,613,375		
ZEININGER, GERALD	2,723,001		
ZEITLIN, MICHAEL	2,751,514		
ZHANG, BIN	2,753,302		
ZHANG, LINPING	2,570,780		
ZHANG, RUI	2,539,446		
ZHANG, XU	2,507,592		
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ACCO BRANDS CORPORATION	2,816,491	BLACK DOG INDUSTRIES LLC	2,817,551	CHRISTOPULOS, NICK U.	2,805,995
ACHILLES, GEOFFREY COLLING	2,815,979	BLAIN, NORBERT	2,777,437	CHURCH & DWIGHT CO., INC.	2,815,747
ACTUANT CORPORATION	2,816,057	BLIUM, LEV	2,822,963	CLARK, JACOB J.	2,815,485
ADRIAN STEEL COMPANY	2,816,261	BOULANGER, MICHEL	2,816,294	CLEMENTS, SIGMUND	2,778,201
ADRIAN STEEL COMPANY	2,816,268	BOWERS, ANGIE	2,815,973	CO2 SOLUTIONS INC.	2,778,095
AEOVE INTERNATIONAL LTD.	2,815,974	BOWNE, BENJAMIN	2,805,439	CONTANT, MATHIEU	2,777,785
AINSWORTH, ROBERT D.	2,816,129	BOWNE, BENJAMIN	2,805,995	CONTANT, MATHIEU	2,777,786
AIR PRODUCTS AND CHEMICALS, INC.	2,815,979	BRAKE, NEVON CHRISTOPHER	2,777,434	CRESCENT CARDBOARD COMPANY, LLC	2,794,365
AIR PRODUCTS AND CHEMICALS, INC.	2,816,005	BRATCHER, JERRY	2,778,734	CRISTALDI, JOSEPH L.	2,816,134
ALDANA, LEONARDO	2,813,108	BRETON, MARCEL P.	2,816,049	DAEGES, JIB I.	2,815,073
ALEMZADEH, MILAD	2,810,460	BRETON, MARCEL P.	2,816,051	DALLAS SMITH CORPORATION	2,816,497
ALLEN, BRUCE	2,818,311	BRETON, MARCEL P.	2,816,053	DANESHMAND, MOJGAN	2,816,897
ALLEN, C. GEOFFREY	2,816,049	BRI-MAR OILFIELD SERVICES LTD.	2,778,099	DANIELS, DAVID W.	2,815,308
ALLEN, C. GEOFFREY	2,816,053	BRINGE, WILLIAM	2,783,435	DAYAL, YOGESHWAR	2,815,586
ALSTOM RENEWABLE TECHNOLOGIES	2,817,440	BRITTINGHAM, MARTIN W.	2,815,586	DE LA CORTE, JUAN	2,814,508
ALTMANN, ANDRES CLAUDIO	2,815,930	BROMAN, NELSON	2,813,109	DEPUY MITEK, LLC	2,816,128
AMIT, MATITYAHU	2,816,129	BROWN, RAYMOND S.	2,815,747	DEPUY SYNTHES PRODUCTS, LLC	2,816,111
ANDERSON, MAYLENE	2,778,732	BROWN, WILLIAM	2,777,919	DEXTRADEUR, ALAN	2,816,111
ARMBRUSTER, MICHAEL	2,815,485	BSH HOME APPLIANCES CORPORATION	2,778,424	DIEKER, KURT A.	2,827,146
ARPIN, VINCENT	2,811,893	BSH HOME APPLIANCES CORPORATION	2,778,460	DIETZ, BRIAN D.	2,778,099
ASZTALOS, STEPHEN A.	2,816,497	BSH HOME APPLIANCES CORPORATION	2,778,716	DILLON, JIM	2,777,966
ATRI, JAGDISH	2,814,340	BSH HOME APPLIANCES CORPORATION	2,778,726	DOBUSH, ROBERT	2,817,551
BAKER, NICHOLAS R.	2,805,995	BSH HOME APPLIANCES CORPORATION	2,778,732	DOERNER, WOLFGANG	2,815,873
BAKER, NICK	2,805,439	BSH HOME APPLIANCES CORPORATION	2,778,734	DRAPPEL, STEPHAN V.	2,816,053
BALANNIK, VADIM	2,816,048	BSH HOME APPLIANCES CORPORATION	2,783,435	DUNSHEE, PATRICK	2,815,480
BAR-TAL, MEIR	2,816,095	BURRELL, DOUGLAS JAMES ARTHUR	2,816,240	DURAVIT AKTIENGESELLSCHAFT	2,814,508
BAR-TAL, MEIR	2,816,129	BUSAD, EDWARD P.	2,816,491	EGLIN, PAUL	2,817,151
BARTLETT, PETER M.	2,816,491	CANADA PIPELINE ACCESSORIES, CO. LTD.	2,811,576	EGLIN, PAUL	2,817,158
BAUER HOCKEY CORP.	2,777,785	CANPLAS INDUSTRIES LTD.	2,778,016	EL-HAMAMSY, SAYED-AMR	2,778,094
BAUER HOCKEY CORP.	2,777,786	CAR-KOR ENTERPRISES LTD.	2,777,850	ELKASEVIC, SUAD	2,778,424
BAUMAN, LEONARD P.	2,816,499	CARTER, CHARLES ASHTON GARRET	2,777,461	ELKASEVIC, SUAD	2,778,460
BEAUREGARD, MARCO	2,777,785	CAULFEILD, STEPHEN	2,815,845	ELKASEVIC, SUAD	2,778,716
BEAUREGARD, MARCO	2,777,786	CERAMIQUES NORBERT BLAIN	2,777,437	ELKASEVIC, SUAD	2,778,726
BEECKLER, CHRISTOPHER THOMAS	2,815,930	CGGVERITAS SERVICES SA	2,815,993	ELLIS, PATRICK DELL	2,816,048
BELANGER, ROBERT	2,777,979	CGGVERITAS SERVICES SA	2,816,316	EMERSON ELECTRIC CO.	2,814,340
BELLEHUMEUR, CELINE	2,777,386	CHEREWYK, BORIS (BRUCE) P.	2,816,013	ENCANA CORPORATION	2,816,061
BENAMEUR, SAID L.	2,778,347	CHEUNG, DOROTHY P.	2,815,073	EPINEY, MICHEL	2,777,449
BENDER, TREVOR	2,816,268	CHIANG, CHIEN-WEI	2,788,470	EUROCOPTER	2,817,151
BERGER, JOHN F.	2,815,586	CHOPRA, NAVEEN	2,816,051	EUROCOPTER	2,817,158
BIOSENCE WEBSTER (ISRAEL), LTD.	2,816,095	CHRISTOPOULOS, NICK	2,805,439	FIELDS, BRIAN	2,805,439
BIOSENCE WEBSTER (ISRAEL), LTD.	2,816,129			FILIPPI, WILLIAM K.	2,786,269
BIOSENCE WEBSTER (ISRAEL), LTD.	2,815,930			FILIPPOV, ALEXANDR VASILIEVICH	2,808,565
BIRD, ANDREW	2,778,016			FIORIO, MAURICE	2,777,328
				FRADETTE, SYLVIE	2,778,095
				GAGE, WILLIAM ANTHONY	2,810,010
				GAO, XIAOLIANG	2,777,461
				GE-HITACHI NUCLEAR ENERGY AMERICAS LLC	2,815,586
				GEIGER, NORMAN E.	2,778,297
				GENEREUX, MARIE-CLAUDE	2,777,785

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GIRARD, FRANCOIS	2,817,150	LTD.	2,777,124	MCCOIGE, CHAD A.	2,816,231
GIRARD, FRANCOIS	2,817,349	KLINGENBERG, ERIC		MCMLLEN, JUSTIN	2,827,146
GOVARI, ASSAF	2,815,930	HOWARD	2,815,979	MELLOR, MITCHELL LOREN	
GREENWOOD, DALLAS		KOBAYASHI, YUKI	2,812,604	RAY	2,808,064
LAIRD	2,777,704	KOHL, SCOTT D.	2,827,146	MILLER, DEREK	2,815,979
GRIEBE, WERNER	2,814,508	KOKOSZKA, JOHN	2,818,315	MILLER, RICHARD D.	2,815,747
HAASE, EDWARD A.	2,816,057	KRIMSKY, WILLIAM		MITCHELL, STEVEN A.	2,816,294
HAMMER, JAMES E.	2,816,186	SANFORD	2,816,129	MOGILEVSKI, MIKHAIL	2,816,430
HANNA, CHARLIE	2,783,435	KRISHNAMOORTHY,		MOGILEVSKY, MARGALIT	2,816,430
HARE, JEFFREY M.	2,815,586	SRINIVASAN	2,827,046	MONZAR, GREGORY R.	2,816,218
HAYAM, GAL	2,816,129	KUHNE, LINDA	2,816,005	MOORLAG, CAROLYN	2,816,049
HAYDAR, RASHED	2,778,094	KUO, TING-SHEN	2,788,470	MOORLAG, CAROLYN	2,816,051
HEEMSKERK, ROBERT G.	2,777,124	L'AIR LIQUIDE - SOCIETE		MORRISON, DARRYL J.	2,777,461
HEGENBERG, THOMAS		ANONYME POUR		MOTT, BRITT D.	2,816,231
JUERGEN	2,816,005	L'ETUDE ET		MUELLER, DIRK	2,816,070
HENEGAR, CLIFFORD	2,778,732	L'EXPLOITATION DES		MUKHERJEE, BISWAROOP	2,810,010
HENEGAR, CLIFFORD	2,778,734	PROCEDES GEORGES		MURUGANATHAN, SIVA	
HERB, BLAINE EDWARD	2,815,979	CLAUDE	2,777,449	DHARSHAN	2,810,010
HIGGINS, KEVIN M.	2,815,549	LABERGE, FABRICE	2,777,449	N-SOLV CORPORATION	2,777,966
HOBART, JOHN B.	2,810,141	LACOMBE, YVES	2,777,386	NADLER, BRANDON	2,816,294
HOBART, RICHARD L.	2,810,141	LANCTOT-DOWNS, CAMILLE	2,777,449	NAKANISHI, YOSHIKAZU	2,816,499
HODGSON, KIM A.	2,815,714	LANGEMEYER, GREGOR	2,816,005	NATIONAL TAIWAN	
HOIDAS, MARK	2,777,386	LAPERRIERE, JEAN-		NORMAL UNIVERSITY	2,788,470
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HOLTBY, QUINN A. J.	2,777,704	LAVOIE, FREDERIC	2,778,347	NENNIGER, JOHN	2,777,966
HONDA MOTOR CO., LTD.	2,812,604	LAWSON, JEREMY	2,778,095	NEVVONEN, OLGA	
HSIEH, BING R.	2,816,053	LEBLANC, ALEXANDRE	2,777,786	VLADIMIROVNA	2,815,714
HUANG, STEVEN	2,815,974	LEE, FRANK P.	2,816,049	NOVA CHEMICALS	
IBM CANADA LIMITED - IBM		LEE, FRANK P.	2,816,051	CORPORATION	2,777,386
CANADA LIMITEE	2,777,434	LEE, FRANK P.	2,816,053	NOVA CHEMICALS	
ICETON, TERENCE R.	2,777,850	LEE, WAY-ZEN	2,788,470	CORPORATION	2,777,461
ICM, INC.	2,827,146	LEMA, STEVEN G.	2,815,549	NOVAK, ROBERT	2,810,010
IFTIME, GABRIEL	2,816,049	LEMIEUX, ALAIN	2,814,263	NZEKWU, BEN	2,777,120
IFTIME, GABRIEL	2,816,051	LEONHARD, MICHAEL	2,815,974	ODELL, PETER G.	2,816,049
IGT	2,815,073	LEUGEMORS, EDWARD	2,815,714	ODELL, PETER G.	2,816,051
IGT	2,815,308	LIANG, YANGWEN	2,811,513	ODELL, PETER G.	2,816,053
IGT	2,815,549	LIN, CHING-CHUAN	2,777,127	OILFIELD EQUIPMENT	
IMPLUS FOOTCARE, LLC	2,812,406	LIN, JONATHAN	2,815,974	DEVELOPMENT CENTER	
INDUSTRIAL HARDWOOD		LIN, TSUNG-HAN	2,788,470	LIMITED	2,808,565
PRODUCTS, INC.	2,816,030	LINDAHL, GARY M.	2,808,064	ONUT, IOSIF VIOREL	2,777,434
IONESCU, PAUL	2,777,434	LINDE		OSADCHY, DANIEL	2,816,095
IRVIN, DALE	2,777,351	AKTIENGESELLSCHAFT	2,815,873	PALO ALTO RESEARCH	
ISOLATION EQUIPMENT		LINK, BOBBY	2,815,714	CENTER INCORPORATED	2,816,053
SERVICES, INC.	2,816,013	LIPINSKI, JOHN	2,797,761	PARSONS, JOHN PATRICK	2,815,484
ITAH, REFAEL	2,816,129	LUHARUKA, RAJESH	2,815,714	PAUL, MICHEL S.	2,811,893
JACKSON, TROY A.	2,816,134	LUSH, RAYMON W.	2,817,530	PAVESTONE, LLC	2,812,172
JAHANGIRI, ARMIN	2,816,061	LUSSIER, MARIO M. L.	2,824,503	PECH, REINER	2,815,252
JAJKO, OLIVIER C.	2,811,893	MACDONALD, DAVID	2,795,126	PENG, JUFENG	2,805,439
JAMES, BOBBY G., JR.	2,816,491	MACKAY, GARY	2,808,865	PENG, XIANG-DONG	2,815,979
JAYARAM, SHIV	2,807,882	MADORE, ERIC	2,778,095	PENNER DE WAAL, ERIC	2,777,330
JERTSON, MARTY R.	2,798,751	MAGDALINIS, AURELIAN		PETERSEN, DAVID L.	2,798,751
JOHNSON & JOHNSON		VALERIU	2,816,049	PETERSEN, ERIK B.	2,815,549
VISION CARE, INC.	2,815,973	MAGDALINIS, AURELIAN		PETUKHOVA, GALINA	
JOHNSON, DENNIS	2,815,714	VALERIU	2,816,051	GENNADIEVNA	2,815,714
JOLLY, DAVID THOMAS	2,807,882	MAGDALINIS, AURELIAN		PEYTON, JOHN THOMAS, JR.	2,777,434
JONES, MERRICK	2,812,406	VALERIU	2,816,053	PHD, INC.	2,813,109
KABANNIK, ARTEM		MAKARYCHEV-MIKHAILOV,		PRATT & WHITNEY CANADA	
VALERYEVICH	2,815,714	SERGEY	2,815,714	CORP.	2,815,845
KARAU, WILLIAM H.	2,812,172	MANTYLA, JAMES BRIAN	2,778,016	PRULL, GREGORY G.	2,816,209
KARSTEN MANUFACTURING		MARZINZIK, DUANE	2,805,439	QIAN, XING	2,811,513
CORPORATION	2,798,751	MASSER, PAUL	2,815,389	QUITERIO, MEGROSE	2,815,714
KATCH KAN HOLDINGS LTD.	2,777,704	MATTEL, INC.	2,815,485	RASANAYAGAM, VASUHI	2,777,449
		MAY, GEORGE	2,778,716		

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RESEARCH IN MOTION LIMITED	2,810,460	SPENCINER, DAVID B.	2,816,128	WOODSTREAM CORPORATION	2,817,530
RESEARCH IN MOTION LIMITED	2,811,513	SRD INNOVATIONS INC.	2,778,094	WRIGHT, DAWN D.	2,815,973
RESEARCH IN MOTION LIMITED	2,813,108	ST. GEORGE, EDWARD GERALD	2,816,013	XEROX CORPORATION	2,816,049
RESEARCH IN MOTION LIMITED	2,815,389	STAFFORD, BRIAN L.	2,816,294	XEROX CORPORATION	2,816,051
RESEARCH IN MOTION LIMITED	2,816,048	STAMMEL, THOMAS	2,814,508	XEROX CORPORATION	2,816,053
RESEARCH IN MOTION LIMITED	2,816,240	STATE FARM INSURANCE	2,805,439	XU, QING FENG	2,811,513
RICHTER, THOMAS	2,816,261	STATE FARM INSURANCE	2,805,995	YU, STEVEN	2,806,033
RILEY, ERIC	2,805,439	STOWE, TIMOTHY D.	2,816,053	YUAN, JIALIANG	2,812,663
ROBERTS MARKETING DE, INC.	2,816,134	STRUCK, ELOY, II	2,814,902	ZENTRAKLINIK BAD BERKA GMBH	2,816,070
ROBERTS, R. LEE	2,816,134	SUMMIT ESP, LLC	2,807,882	ZIQUANG, LU	2,816,030
ROBIC, THOMAS	2,817,440	SUNDARAM, MEENAKSHI	2,777,449		
ROFFMAN, JEFFREY H.	2,815,973	SUZUKI, NAOKAZU	2,816,499		
ROYAL MOULDINGS, LIMITED	2,816,294	TABET, TARIK	2,810,010		
RUTHERFORD, MICHAEL	2,778,732	TARGET BRANDS, INC.	2,827,163		
RUTHERFORD, MICHAEL	2,778,734	TESKY, JAMES EDWIN	2,778,016		
RUTHERFORD, MICHAEL	2,783,435	TETZLAFF, STEVEN KEITH	2,807,882		
SAGALOVSKIY, ANDREI VLADIMIROVICH	2,808,565	THE BOEING COMPANY	2,808,064		
SAGALOVSKIY, VLADIMIR IOSIFOVICH	2,808,565	THE GOVERNORS OF THE UNIVERSITY OF ALBERTA	2,816,897		
SAITO, EARL F.	2,815,586	THURBER, DAVE	2,805,439		
SALOMON S.A.S.	2,817,150	TITKOS, LASZLO	2,827,163		
SALOMON S.A.S.	2,817,349	TJADEN, KEITH	2,827,146		
SAMEOTO, DANIEL E.	2,816,897	TOOSSI, AMIRALI	2,816,897		
SAWCHUK, DANIEL A.	2,811,576	TRINITY HIGH - TECH PRODUCTS LTD.	2,797,761		
SCHARKOV, JOHN IVAN	2,813,108	TRUE PARTNERS FINANCIAL SERVICES	2,818,315		
SCHEMBERG, SIEGFRIED	2,816,005	TRUTH HARDWARE CORPORATION	2,816,499		
SCHIBSBY, KARSTEN	2,816,257	TSCHETTER, SAM	2,816,061		
SCHLUMBERGER CANADA LIMITED	2,815,714	TUBE-MAC PIPING TECHNOLOGIES LTD.	2,808,865		
SCHWARTZ, YITZHACK	2,816,129	UNISON INDUSTRIES, LLC	2,815,480		
SELIRIO, REGINALD	2,811,576	UNISON INDUSTRIES, LLC	2,815,484		
SENGUN, MEHMET Z.	2,816,128	VENTURA, MARK	2,815,747		
SHALGI, AVI	2,816,129	VICWEST INC.	2,818,311		
SHAN, YUQUIN	2,818,311	VIETZ, MATTHIAS	2,815,252		
SHARIPOV, SALIHYAN SHAKIRIANOVICH	2,808,565	VONFELDEN, ROBERT	2,818,315		
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SHERBAKOV, DENNIS	2,822,963	VUCK, EMIL	2,814,508		
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SIDENSE CORP.	2,816,237	WALDSTREICHER, JONATHAN REUBEN	2,816,129		
SIEMENS AKTIENGESELLSCHAFT	2,816,257	WALES, DUNCAN	2,815,873		
SIIRA, JUHANI	2,814,464	WALKER, DAVID RYAN	2,816,240		
SMART, ANDREW DOUGLAS	2,813,108	WALTON, FREDDIE GEORGE	2,807,882		
SMITH, DONNIE	2,778,734	WARD, JOHN	2,778,016		
SMITH, GARRETT J.	2,816,497	WARNER, BRAD	2,818,311		
SMITH, JUDSON	2,816,497	WARRIOR SPORTS, INC.	2,811,893		
SMITH, STEVEN	2,816,237	WEBER, IOULIA	2,816,221		
SMITH, WAYNE DUNCAN	2,777,434	WEBTECH WIRELESS INC.	2,814,464		
SNOW, SHIRLEY	2,816,539	WENG, JIANFENG	2,811,513		
SNYDER, CHRISTOPHER EUGENE	2,811,513	WESTBLOCK SYSTEMS, INC.	2,816,186		
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		WILKERSON, TODD	2,805,439		
		WILSON, LYNN	2,805,439		
		WINTER, OLIVIER	2,816,316		
		WOLF, BRYAN D.	2,815,073		
		WOLFF, VINING	2,777,966		

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AB MEDICA S.P.A.	2,832,520	ALSTOM RENEWABLE TECHNOLOGIES	2,832,987	ASHWORTH, SAMUEL WILLIAM	2,832,696
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ABB TECHNOLOGY AG	2,832,820	ALSTOM TECHNOLOGY LTD	2,832,527	ASTROLOGES, GARY A.	2,833,114
ABB TECHNOLOGY AG	2,832,898	ALSUP, SHELTON W.	2,832,296	ATIR HOLDING S.A.	2,832,822
ABB TECHNOLOGY AG	2,832,950	ALTER NRG CORP.	2,832,895	ATRICATH S.R.L.	2,833,070
ABBVIE INC.	2,832,729	ALZHELMER'S INSTITUTE OF AMERICA, INC.	2,832,919	AUBERGER, PATRICK	2,832,866
ABBVIE INC.	2,832,817	AMADEUS S.A.S.	2,832,799	AUDIBERT, KEVIN	2,833,130
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ABSYNTH BIOLOGICS LIMITED	2,832,692	AMGEN INC.	2,832,581	AVILA, CLAUDIO	2,832,829
ABZAC CANADA INC.	2,832,460	AMSDEN, JASON	2,832,795	AXON EP, INC.	2,832,590
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AFRAXIS HOLDINGS, INC.	2,832,309	ANTSON, OLLI	2,832,917	BAINTON, MICHAEL	2,832,957
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BAYER INTELLECTUAL PROPERTY GMBH	2,832,924	BINET, GUILLAUME	2,833,196	BOYD, MALCOLM STANLEY	2,832,957
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BAYER INTELLECTUAL PROPERTY GMBH	2,832,970	BIOCELL CENTER S.P.A.	2,832,808	BP CORPORATION NORTH AMERICA INC.	2,832,727
BAYER INTELLECTUAL PROPERTY GMBH	2,833,036	BIOGEN IDEC MA INC.	2,832,565	BP CORPORATION NORTH AMERICA INC.	2,832,757
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BEDDINGFIELD, FREDERICK C., III.	2,832,589	BLACKBERRY LIMITED	2,832,447	BRAZIUNAS, DARIUS	2,832,911
BEDJEGUELAL, KARIM	2,832,704	BLACKBERRY LIMITED	2,832,903	BRAZIUNAS, DARIUS	2,832,918
BEDRINE, OLIVIER	2,833,095	BLACKBERRY LIMITED	2,833,034	BREDERSON, JILL-DESIREE	2,832,817
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LOSCH, DENNIS	2,832,814	MASSACHUSETTS INSTITUTE		CORP.	2,833,006
LOUWERS, MARIEKE	2,833,225	OF TECHNOLOGY	2,832,807	MERCK SHARP & DOHME	
LOZA, EINARS	2,832,693	MASUDA, ESTEBAN	2,832,611	CORP.	2,833,009
LU, JIRONG	2,833,158	MATHENA, HAROLD DEAN	2,832,804	MERLO, DONALD J.	2,832,834
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ROUVINEN, JUHA	2,833,081	SANOFI-AVENTIS		SCHWARTZ, STEVEN JOSEPH	2,832,379
ROWLAND, SHANE	2,832,395	DEUTSCHLAND GMBH	2,832,942	SCHWARZ, BERND	2,833,060
ROY, DANNY	2,832,740	SANOFI-AVENTIS		SCHWARZ, BERND	2,833,063
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