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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:

None

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 :

Aucun

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 January 1, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1394*
For each additional sheet over 30	\$16
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 janvier 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1394 \$*
Pour chaque feuille au delà de 30	16 \$
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

4. Taxe pour paiement tardif

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

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$210

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 210 \$

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

* International fees will be reduced by:

- \$105 for all applications filed using PCT-EASY,
- \$210 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$314 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- 105 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 210 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 314 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

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).

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 February 26, 2013 contains applications open to public inspection from February 10, 2013 to February 16, 2013.

17. Erratum

The information concerning application number 2,763,085 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of February 7, 2012, was incorrect. Please note that no application was open to public inspection under this number.

2,763,085

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 26 février 2013 contient les demandes disponibles au public pour consultation pour la période du 10 février 2013 au 16 février 2013.

17. Erratum

Les renseignements ayant trait au numéro 2,763,085 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 7 février 2012, étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,763,085

Canadian Patents Issued

February 26, 2013

Brevets canadiens délivrés

26 février 2013

[11] **2,324,381**
[13] C
[51] Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 15/63 (2006.01) A61K 38/00 (2006.01)
[25] EN
[54] AN INTEGRIN HETERODIMER AND A SUBUNIT THEREOF
[54] HETERODIMERE D'INTEGRINE ET SOUS-UNITE DE CET HETERODIMERE
[72] LUNDGREN-AKERLUND, EVY, SE
[73] XINTELA AB, SE
[85] 2000-09-29
[86] 1999-03-31 (PCT/SE1999/000544)
[87] (WO1999/051639)
[30] SE (9801164-6) 1998-04-02
[30] SE (9900319-6) 1999-01-28

[11] **2,324,648**
[13] C
[51] Int.Cl. C12N 9/02 (2006.01) A23L 1/03 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) C07K 14/435 (2006.01) C07K 16/28 (2006.01) C12G 1/00 (2006.01) C12G 3/00 (2006.01) C12N 15/10 (2006.01) C12N 15/54 (2006.01) C12N 15/62 (2006.01) F21S 10/00 (2006.01) F41C 3/00 (2006.01) A61K 38/00 (2006.01)
[25] EN
[54] LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE LUCIFERASES AND FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS, HIGH THROUGHPUT SCREENING AND NOVELTY ITEMS
[54] LUCIFERASES, PROTEINES FLUORESCENTES, ACIDES NUCLEIQUES CODANT POUR LES LUCIFERASES ET LES PROTEINES FLUORESCENTES, ET LEUR UTILISATION DANS DES DIAGNOSTICS
[72] BRYAN, BRUCE J., US
[72] SZENT-GYORGYI, CHRISTOPHER, US
[73] PROLUME, LTD., US
[73] GAUSSIA, L.L.C., US
[85] 2000-09-26
[86] 1999-03-26 (PCT/US1999/006698)
[87] (WO1999/049019)
[30] US (60/079,624) 1998-03-27
[30] US (60/089,367) 1998-06-15
[30] US (60/102,939) 1998-10-01

[11] **2,327,586**
[13] C
[51] Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 51/10 (2006.01) C07K 16/40 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01) A61K 38/00 (2006.01)
[25] EN
[54] FAP.ALPHA.-SPECIFIC ANTIBODY WITH IMPROVED PRODUCTIBILITY
[54] ANTICORPS .ALPHA. SPECIFIQUE FAP A APTITUDE A LA PRODUCTION AMELIOREE
[72] PARK, JOHN EDWARD, DE
[72] GARIN-CHESA, PILAR, DE
[72] BAMBERGER, UWE, DE
[72] RETTIG, WOLFGANG J., DE
[72] LEGER, OLIVIER, FR
[72] SALDANHA, JOSE, GB
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2000-10-27
[86] 1999-04-22 (PCT/EP1999/002711)
[87] (WO1999/057151)
[30] EP (98107925.4) 1998-04-30

Canadian Patents Issued
February 26, 2013

[11] **2,342,115**
[13] C
[51] **Int.Cl. C12N 15/52 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/31 (2006.01) C12N 15/82 (2006.01) C12P 19/04 (2006.01) C12P 19/18 (2006.01)**
[25] EN
[54] **NUCLEIC ACID MOLECULES ENCODING ENZYMES HAVING FRUCTOSYLTRANSFERASE ACTIVITY, AND THEIR USE**
[54] **ENZYMES CODANT DES MOLECULES D'ACIDE NUCLEIQUE ET AYANT UNE ACTIVITE DE TRANSFERASE DU FRUCTOSYLE, ET UTILISATION DE CES ENZYMES**
[72] HEYER, ARND G., DE
[72] REHM, JOCHEN, DE
[72] WENDENBURG, REGINA, DE
[73] MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2001-03-01
[86] 1999-08-27 (PCT/EP1999/006319)
[87] (WO2000/014246)
[30] DE (198 40 028.4) 1998-09-02

[11] **2,350,335**
[13] C
[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/505 (2006.01) C12N 5/10 (2006.01) C12N 15/18 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **HOST CELLS EXPRESSING RECOMBINANT HUMAN ERYTHROPOIETIN**
[54] **CELLULES HOTES EXPRIMANT L'ERYTHROPOIETINE HUMAINE DE RECOMBINAISON**
[72] CARCAGNO, CARLOS MIGUEL, AR
[72] CRISCUOLO, MARCELO, AR
[72] MELO, CARLOS, AR
[72] VIDAL, JUAN ALEJANDRO, AR
[73] STERRENBELD BIOTECHNOLOGIE NORTH AMERICA, INC., US
[85] 2001-05-04
[86] 1999-11-08 (PCT/US1999/026238)
[87] (WO2000/028066)
[30] AR (P98 01 05609) 1998-11-06
[30] AR (P99 01 00679) 1999-02-23

[11] **2,354,782**
[13] C
[51] **Int.Cl. C12N 11/00 (2006.01) C12M 1/40 (2006.01) C12P 1/00 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **RECOVERY METHOD FOR IMMOBILIZED BIOCATALYSTS**
[54] **METHODE DE RECUPERATION DE BIOCATALYSEURS IMMOBILISES**
[72] SAVILLE, BRADLEY A., CA
[73] SAVILLE, BRADLEY A., CA
[86] (2354782)
[87] (2354782)
[22] 2001-08-02

[11] **2,358,570**
[13] C
[51] **Int.Cl. A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 31/04 (2006.01) C07H 19/00 (2006.01) C07H 21/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **PROTONATED/ACIDIFIED NUCLEIC ACIDS AND METHODS OF USE**
[54] **ACIDES NUCLEIQUES PROTONES/ACIDIFIES, ET METHODES D'UTILISATION CORRESPONDANTES**
[72] DALE, RODERIC M. K., US
[72] ARROW, AMY, US
[72] GATTON, STEVEN L., US
[72] THOMPSON, TERRY, US
[73] LAKEWOOD-AMEDEX, INC., US
[85] 2001-07-03
[86] 1999-12-15 (PCT/US1999/029843)
[87] (WO2000/040591)
[30] US (09/222,009) 1998-12-30

[11] **2,369,844**
[13] C
[51] **Int.Cl. C12N 15/54 (2006.01) C12N 5/00 (2006.01) C12N 9/04 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01) C12P 17/06 (2006.01)**
[25] EN
[54] **NUCLEIC ACID SEQUENCES TO PROTEINS INVOLVED IN TOCOPHEROL SYNTHESIS**
[54] **SEQUENCES D'ACIDE NUCLEIQUE ET PROTEINES INTERVENANT DANS LA SYNTHESE DU TOCOPHEROL**
[72] SAVIDGE, BETH, US
[72] LASSNER, MICHAEL W., US
[72] WEISS, JAMES D., US
[72] POST-BEITTENMILLER, DUSTY, US
[73] MONSANTO COMPANY, US
[85] 2001-10-03
[86] 2000-04-14 (PCT/US2000/010368)
[87] (WO2000/063391)
[30] US (60/129,899) 1999-04-15
[30] US (60/146,461) 1999-07-30

[11] **2,380,302**
[13] C
[51] **Int.Cl. C12N 15/57 (2006.01) C07K 14/54 (2006.01) C07K 14/56 (2006.01) C12N 1/21 (2006.01) C12N 9/50 (2006.01) C12N 15/62 (2006.01) C12N 15/70 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **PRODUCTION OF PROTEINS BY AUTOPROTEOLYTIC CLEAVAGE**
[54] **PRODUCTION DE PROTEINES PAR CLIVAGE AUTOPROTEOLYTIQUE**
[72] RUMENAPF, TILLMANN, DE
[72] THIEL, HEINZ-JURGEN, DE
[72] WINDISCH, JORG, AT
[72] KNAUSEDER, FRANZ, AT
[73] SANDOZ AG, CH
[85] 2002-01-23
[86] 2000-08-07 (PCT/EP2000/007642)
[87] (WO2001/011056)
[30] AT (A 1368/99) 1999-08-09

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[11] **2,380,372**
[13] C

[51] **Int.Cl. G01L 1/22 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR MEASURING FORCES IN THE PRESENCE OF EXTERNAL PRESSURE**
[54] **PROCEDE ET DISPOSITIF POUR MESURER DES FORCES EN PRESENCE DE PRESSION EXTERIEURE**
[72] DEMIA, LAURENT, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2002-01-23
[86] 2000-09-01 (PCT/EP2000/008608)
[87] (WO2001/023853)
[30] FR (99/11948) 1999-09-24

[11] **2,389,644**
[13] C

[51] **Int.Cl. C12N 15/16 (2006.01) A61K 38/22 (2006.01) A61P 19/08 (2006.01) C07K 14/575 (2006.01) C07K 16/26 (2006.01) C12Q 1/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **A NOVEL POLYPEPTIDE HORMONE PHOSPHATONIN**
[54] **PHOSPHATONINE: UNE NOUVELLE HORMONE POLYPEPTIDIQUE**
[72] ROWE, PETER, GB
[73] UNIVERSITY COLLEGE LONDON, GB
[85] 2002-04-30
[86] 2000-10-31 (PCT/EP2000/010747)
[87] (WO2001/032878)
[30] US (09/434,185) 1999-11-04
[30] GB (9926424.4) 1999-11-08

[11] **2,396,646**
[13] C

[51] **Int.Cl. A41D 13/00 (2006.01) A41D 1/06 (2006.01) A41D 13/05 (2006.01) A62B 17/00 (2006.01)**
[25] EN
[54] **PROTECTIVE PANTS, SUCH AS FIREFIGHTER'S PANTS, WITH PUNCTURE-RESISTANT LAYERS AT BELOW-KNEE REGIONS OF LEG PORTIONS**
[54] **PANTALONS DE PROTECTION, COMME LES PANTALONS DE POMPIER, AVEC DOUBLURES SOUS LES GENOUX RESISTANT A LA PERFORATION**
[72] GRILLIOT, WILLIAM L., US
[72] GRILLIOT, MARY I., US
[73] MORNING PRIDE MANUFACTURING, L.L.C., US
[86] (2396646)
[87] (2396646)
[22] 2002-08-01
[30] US (10/136,213) 2002-05-01

[11] **2,396,655**
[13] C

[51] **Int.Cl. C12N 1/20 (2006.01) A01C 1/06 (2006.01) A01N 63/00 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **TREATMENT OF SEEDS AND/OR PLANTS WITH PSEUDOMONAS CULTURE**
[54] **TRAITEMENT DE SEMENCES ET/OU DE PLANTES AU MOYEN D'UNE CULTURE DE PSEUDOMONAS**
[72] WOLFGANG, ARNDT, DE
[73] SOURCON-PADENA GMBH & CO.KG, DE
[85] 2002-05-28
[86] 2000-11-04 (PCT/EP2000/010903)
[87] (WO2001/040441)
[30] DE (199 57 378.6) 1999-11-29

[11] **2,407,005**
[13] C

[51] **Int.Cl. H04N 21/466 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **INTERACTIVE TELEVISION APPLICATION WITH WATCH LISTS**
[54] **APPLICATION TELEVISUELLE INTERACTIVE A LISTES DE SELECTION D'EMISSIONS**
[72] ELLIS, MICHAEL D., US
[73] UNITED VIDEO PROPERTIES, INC., US
[85] 2002-10-22
[86] 2001-05-23 (PCT/US2001/017198)
[87] (WO2001/091458)
[30] US (60/206,384) 2000-05-23

[11] **2,411,331**
[13] C

[51] **Int.Cl. H01L 33/02 (2010.01)**
[25] EN
[54] **METHOD FOR LOCALLY MODIFYING ELECTRONIC AND OPTOELECTRONIC PROPERTIES OF CRYSTALLINE MATERIALS AND DEVICES MADE FROM SUCH MATERIALS**
[54] **PROCEDE MODIFIANT LOCALEMENT LES CARACTERISTIQUES ELECTRONIQUES ET OPTOELECTRONIQUES DE MATERIAUX CRISTALLINS, ET DISPOSITIFS FAITS DE CES MATERIAUX**
[72] HOMEWOOD, KEVIN PETER, GB
[72] GWILLIAM, RUSSELL MARK, GB
[72] SHAO, GUOSHENG, GB
[73] UNIVERSITY OF SURREY, GB
[85] 2002-12-02
[86] 2001-06-07 (PCT/GB2001/002512)
[87] (WO2001/095401)
[30] GB (0014042.6) 2000-06-08

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[11] **2,422,578**
[13] C

[51] **Int.Cl. A61N 1/39 (2006.01) A61N 1/375 (2006.01)**

[25] EN

[54] **UNITARY SUBCUTANEOUS ONLY IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR AND OPTIONAL PACER**

[54] **SYSTEME MONOBLOC DE DEFIBRILLATION-CARDIOVERSION ET STIMULATION CARDIAQUE EVENTUELLE POUVANT ETRE IMPLANTE UNIQUEMENT DE MANIERE SOUS-CUTANEE**

[72] BARDY, GUST H., US

[72] CAPPATO, RICCARDO, IT

[73] CAMERON HEALTH, INC., US

[85] 2003-03-17

[86] 2001-09-14 (PCT/US2001/029106)

[87] (WO2002/024275)

[30] US (09/663,606) 2000-09-18

[11] **2,426,183**
[13] C

[51] **Int.Cl. H04B 1/40 (2006.01) G06F 9/445 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR INTERFACING BETWEEN MODEM AND MEMORY IN MOBILE STATION**

[54] **DISPOSITIF ET PROCEDE PERMETTANT D'ETABLIR UNE INTERFACE ENTRE UN MODEM ET LA MEMOIRE D'UNE STATION MOBILE**

[72] SUNG, WEON-YONG, KR

[72] PAIK, IN-KWON, KR

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

[85] 2003-04-17

[86] 2002-08-20 (PCT/KR2002/001575)

[87] (WO2003/017517)

[30] KR (2001/50012) 2001-08-20

[30] KR (2002/33697) 2002-06-17

[11] **2,426,893**
[13] C

[51] **Int.Cl. G02C 9/00 (2006.01) G02C 9/04 (2006.01)**

[25] EN

[54] **BRIDGE FOR ATTACHING AUXILIARY LENSES**

[54] **ARCADE DE LUNETTES SUR LAQUELLE SE FIXE L'ARCADE D'UNE DEUXIEME MONTURE DE VERRES D'APPOINT**

[72] NG, DAVE, CA

[73] NG, DAVE, CA

[85] 2003-04-24

[86] 2001-10-31 (PCT/CA2001/001538)

[87] (WO2002/037171)

[30] US (09/699,391) 2000-10-31

[11] **2,430,115**
[13] C

[51] **Int.Cl. C12N 7/01 (2006.01) A61K 39/155 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C07K 14/135 (2006.01) C12N 7/04 (2006.01) C12N 15/45 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **RECOMBINANT RSV VIRUS EXPRESSION SYSTEMS AND VACCINES**

[54] **SYSTEMES D'EXPRESSION DE VIRUS RSV DE RECOMBINAISON ET VACCINS**

[72] JIN, HONG, US

[72] TANG, RODERICK, US

[72] LI, SHENGQIANG, US

[72] BRYANT, MARTIN, US

[73] MEDIMMUNE, LLC, US

[85] 2003-05-26

[86] 2001-11-28 (PCT/US2001/044819)

[87] (WO2002/044334)

[30] US (09/724,416) 2000-11-28

[11] **2,430,883**
[13] C

[51] **Int.Cl. H04L 1/00 (2006.01) H04L 1/08 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR IMPROVED DETECTION OF RATE ERRORS IN VARIABLE RATE RECEIVERS**

[54] **PROCEDE ET APPAREIL POUR UNE MEILLEURE DETECTION D'ERREURS DE DEBIT DANS DES RECEPTEURS A VITESSE VARIABLE**

[72] EL-MALEH, KHALED H., US

[72] CHOY, EDDIE-LUN TIK, US

[72] ANANTHAPADMANABHAN, ARASANIPALAI K., US

[72] DEJACO, ANDREW P., US

[72] HUANG, PENGJUN, US

[73] QUALCOMM INCORPORATED, US

[85] 2003-06-03

[86] 2001-11-29 (PCT/US2001/044574)

[87] (WO2002/047316)

[30] US (09/730,147) 2000-12-04

[11] **2,436,388**
[13] C

[51] **Int.Cl. H04S 5/00 (2006.01) B60R 11/00 (2006.01) H04R 3/12 (2006.01) H04S 3/02 (2006.01)**

[25] EN

[54] **SOUND PROCESSING SYSTEM USING DISTORTION LIMITING TECHNIQUES**

[54] **SYSTEME DE TRAITEMENT SONORE UTILISANT DES TECHNIQUES DE LIMITATION DE LA DISTORSION**

[72] EID, BRADLEY F., US

[72] HOUSE, WILLIAM NEAL, US

[73] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US

[86] (2436388)

[87] (2436388)

[22] 2003-07-30

[30] US (10/208930) 2002-07-31

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[11] **2,440,775**
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/18 (2006.01) A61P 1/16 (2006.01) C07K 14/475 (2006.01) C12N 5/10 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **THE NK1 FRAGMENT OF HEPATOCYTE GROWTH FACTOR/SCATTER FACTOR (HGF/SF) AND VARIANTS THEREOF, AND THEIR USE**

[54] **FRAGMENT NK1 DU FACTEUR DE CROISSANCE/FACTEUR DE DIFFUSION D'EPATOCYTE (HGF/SF) ET SES VARIANTS, AINSI QUE LEUR UTILISATION**

[72] GHERARDI, ERMANNO, GB

[72] LIETHA, DANIEL, GB

[72] BLUNDELL, THOMAS LEON, GB

[72] CHIRGADZE, DIMITRY YURIEVICH, GB

[73] MEDICAL RESEARCH COUNCIL, GB

[73] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED, GB

[85] 2003-09-12

[86] 2002-04-29 (PCT/GB2002/001941)

[87] (WO2002/088354)

[30] GB (0110430.6) 2001-04-27

[11] **2,445,863**
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) B01L 99/00 (2010.01) B01F 15/02 (2006.01) B01L 3/02 (2006.01)**

[25] EN

[54] **REAGENT DELIVERY SYSTEM**

[54] **SYSTEME DE DISTRIBUTION DE REACTIFS**

[72] SQUIRRELL, DAVID JAMES, GB

[73] THE SECRETARY OF STATE OF DEFENCE, GB

[85] 2003-10-29

[86] 2002-04-18 (PCT/GB2002/001797)

[87] (WO2002/087762)

[30] GB (0110476.9) 2001-04-30

[11] **2,448,477**
[13] C

[51] **Int.Cl. H05K 7/02 (2006.01) A47B 96/00 (2006.01) H05K 5/00 (2006.01)**

[25] EN

[54] **GROUND EMBEDDED WIRE TRACKS FOR A SHELVING SYSTEM HAVING MOBILE SHELF UNITS**

[54] **CABLES POSES DANS LE SOL POUR SYSTEME DE RAYONNAGE A TABLETTES MOBILES**

[72] DOUCET, MICHEL, CA

[72] GAGNON, PASCAL, CA

[72] RAINVILLE, SERGE, CA

[73] MONTEL INC., CA

[86] (2448477)

[87] (2448477)

[22] 2003-11-06

[11] **2,452,102**
[13] C

[51] **Int.Cl. H01M 4/525 (2010.01) H01M 4/131 (2010.01) H01M 4/1391 (2010.01) H01M 10/052 (2010.01) C01G 1/02 (2006.01)**

[25] EN

[54] **POSITIVE ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERY, METHOD FOR PRODUCING THE SAME, AND LITHIUM SECONDARY BATTERY**

[54] **MATERIAU D'ELECTRODE POSITIVE D'ACCUMULATEUR AU LITHIUM, METHODE DE PRODUCTION CONNEXE ET ACCUMULATEUR AU LITHIUM**

[72] HAMANO, YOSHIAKI, JP

[72] KONNAI, HIDEFUMI, JP

[73] KAWATETSU MINING CO., LTD., JP

[86] (2452102)

[87] (2452102)

[22] 2003-12-04

[30] JP (2002-355937) 2002-12-06

[11] **2,452,401**
[13] C

[51] **Int.Cl. C12P 7/64 (2006.01) A23C 9/152 (2006.01) A23C 11/04 (2006.01) A23K 1/16 (2006.01) A23L 1/30 (2006.01) A61K 31/22 (2006.01) A61K 31/232 (2006.01) C11C 3/00 (2006.01) C11C 3/08 (2006.01) C11C 3/10 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING FAT COMPRISING TRIGLYCERIDE CONTAINING HIGHLY UNSATURATED FATTY ACID**

[54] **METHODE DE PRODUCTION D'UNE MATIERE GRASSE COMPRENANT UN TRIGLYCERIDE CONTENANT UN ACIDE GRAS FORTEMENT INSATURE**

[72] AKIMOTO, KENGO, JP

[72] SUMIDA, MOTOO, JP

[72] HIGASHIYAMA, KENICHI, JP

[72] FUJIKAWA, SHIGEAKI, JP

[73] SUNTORY HOLDINGS LIMITED, JP

[85] 2003-12-29

[86] 2002-07-02 (PCT/JP2002/006702)

[87] (WO2003/004667)

[30] JP (2001-201357) 2001-07-02

[11] **2,453,752**
[13] C

[51] **Int.Cl. G01F 11/12 (2006.01) G01F 11/22 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO A METERING DEVICE**

[54] **AMELIORATIONS APORTEES A UN DISPOSITIF DE MESURE**

[72] PENN, LAURENCE RICHARD, GB

[73] FAILSAFE METERING INTERNATIONAL LIMITED, GB

[86] (2453752)

[87] (2453752)

[22] 2003-12-19

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[11] **2,454,437**
[13] C

[51] **Int.Cl. C11D 3/39 (2006.01) C11D 3/395 (2006.01)**
[25] EN
[54] **LOW-FOAMING HYDROGEN PEROXIDE CLEANING SOLUTION FOR ORGANIC SOILS**
[54] **SOLUTION DE NETTOYAGE A BASE DE PEROXYDE D'HYDROGENE FAIBLEMENT MOUSSANTE POUR SOLS ORGANIQUES**
[72] RAMIREZ, JOSE A., US
[72] OMIDBAKSHI, NAVID, CA
[73] VIROX TECHNOLOGIES INC., CA
[86] (2454437)
[87] (2454437)
[22] 2003-12-30

[11] **2,456,023**
[13] C

[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **DESIGN SOFTWARE: SELF-PIERCING RIVET ANALYSIS (F.E.A.)**
[54] **LOGICIEL DE CONCEPTION: ANALYSE DE RIVETS AUTO-PERCEURS (ANALYSE PAR ELEMENTS FINIS)**
[72] DONOVAN, STEVEN P., US
[73] ASIA FASTENING (US), INC., US
[85] 2004-01-29
[86] 2002-08-27 (PCT/US2002/027337)
[87] (WO2003/021518)
[30] US (09/942,015) 2001-08-29

[11] **2,458,966**
[13] C

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 10/00 (2006.01) A61B 17/34 (2006.01) A61M 1/16 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NON-VASCULAR SENSOR IMPLANTATION**
[54] **PROCEDE ET SYSTEME D'IMPLANTATION D'UNE SONDE NON VASCULAIRE**
[72] MILLER, MICHAEL E., US
[72] SHAH, RAJIV, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2004-02-25
[86] 2002-10-23 (PCT/US2002/033923)
[87] (WO2003/034902)
[30] US (60/335,627) 2001-10-23
[30] US (10/034,627) 2001-12-27
[30] US (60/414,290) 2002-09-27

[11] **2,460,833**
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 7/00 (2006.01) G06F 9/00 (2006.01) G06F 9/24 (2006.01) G06F 9/46 (2006.01) G06F 11/00 (2006.01) G06F 12/00 (2006.01) G06F 15/16 (2006.01) G06F 15/177 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPLEMENTING JOURNALING IN A MULTI-NODE ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE MISE EN OEUVRE DE LA JOURNALISATION DANS UN ENVIRONNEMENT MULTI-NOEUD**
[72] KINGSBURY, BRENT A., US
[72] REVITCH, SAM, US
[72] ROKOP, TERENCE M., US
[73] HEWLETT-PACKARD COMPANY, US
[85] 2004-03-18
[86] 2002-09-20 (PCT/US2002/030082)
[87] (WO2003/025801)
[30] US (60/324,196) 2001-09-21
[30] US (60/324,226) 2001-09-21
[30] US (60/324,224) 2001-09-21
[30] US (60/324,242) 2001-09-21
[30] US (60/324,195) 2001-09-21
[30] US (60/324,243) 2001-09-21
[30] US (60/324,787) 2001-09-24
[30] US (60/327,191) 2001-10-01

[11] **2,464,065**
[13] C

[51] **Int.Cl. H04W 8/28 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RESOLVING AN ENTITY IDENTIFIER INTO AN INTERNET ADDRESS USING A DOMAIN NAME SYSTEM (DNS) SERVER AND AN ENTITY IDENTIFIER PORTABILITY DATABASE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRADUIRE UNE IDENTIFICATION D'ENTITE EN UNE ADRESSE INTERNET A L'AIDE D'UN SERVEUR DE SYSTEME DE NOMS DE DOMAINE (DNS) ET D'UNE BASE DE DONNEES DE PORTABILITE D'IDENTIFICATIONS D'ENTITE**
[72] FERRARO ESPARZA VICTOR, ES
[72] COBO, MIGUEL, SE
[72] KHELLO, ROBERT, SE
[72] PLATA ANDRES, ISABEL, ES
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2004-04-16
[86] 2002-10-11 (PCT/SE2002/001879)
[87] (WO2003/039106)
[30] US (09/984,265) 2001-10-29

[11] **2,465,419**
[13] C

[51] **Int.Cl. A63B 63/00 (2006.01)**
[25] EN
[54] **ICE-HOCKEY GOAL FRAME WITH PUCK DEFLECTOR**
[54] **ARMATURE DE BUT DE HOCKEY SUR GLACE AVEC DEFLECTEUR DE RONDELLE**
[72] RILEY, TERENCE WILLIAM, CA
[73] 1196501 ONTARIO INC., CA
[86] (2465419)
[87] (2465419)
[22] 2004-04-28
[30] GB (0309622.9) 2003-04-28

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[11] **2,468,763**

[13] C

- [51] **Int.Cl. H04W 64/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING THE POSITION OF MOBILE TERMINALS**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE LA POSITION DE TERMINAUX MOBILES**
[72] FILIZOLA, DAVIDE, IT
[72] STOLA, LORIS, IT
[73] TELECOM ITALIA S.P.A., IT
[85] 2004-05-28
[86] 2002-11-25 (PCT/EP2002/013226)
[87] (WO2003/049479)
[30] IT (TO2001A001125) 2001-12-03

[11] **2,472,075**

[13] C

- [51] **Int.Cl. G11B 7/007 (2006.01) G11B 7/0037 (2006.01) G11B 7/26 (2006.01)**
[25] EN
[54] **OPTICAL DISK, METHOD FOR MANUFACTURING THE SAME, AND METHOD FOR RECORDING AND METHOD FOR REPRODUCING DATA USING OPTICAL DISK**
[54] **DISQUE OPTIQUE, METHODE DE FABRICATION DE CE DISQUE ET METHODES D'ENREGISTREMENT ET DE LECTURE DE DONNEES AU MOYEN D'UN DISQUE OPTIQUE**
[72] MIYAGAWA, NAOYASU, JP
[72] ITO, MOTOSHI, JP
[73] PANASONIC CORPORATION, JP
[86] (2472075)
[87] (2472075)
[22] 2004-06-23
[30] JP (2003-181694) 2003-06-25

[11] **2,472,570**

[13] C

- [51] **Int.Cl. A61M 11/00 (2006.01) A61M 1/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **AEROSOL GENERATOR FOR DRUG FORMULATION**
[54] **GENERATEUR D'AEROSOL POUR FORMULE MEDICAMENTEUSE**
[72] NICHOLS, WALTER A., US
[72] BROOKMAN, DONALD L., US
[72] GROLLIMUND, GARY E., US
[72] SMITH, ULYSSES, US
[73] PHILIP MORRIS USA INC., US
[85] 2004-07-02
[86] 2003-01-15 (PCT/US2003/001048)
[87] (WO2003/059413)
[30] US (60/347,872) 2002-01-15
[30] US (10/341,521) 2003-01-14

[11] **2,477,312**

[13] C

- [51] **Int.Cl. C12N 15/19 (2006.01) A61K 38/19 (2006.01) A61K 38/48 (2006.01) A61P 37/06 (2006.01) C07K 14/52 (2006.01) C07K 14/745 (2006.01) C07K 14/75 (2006.01) C12N 9/64 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **USE OF SOLUBLE FGL2 AS AN IMMUNOSUPPRESSANT**
[54] **UTILISATION DE FGL2 SOLUBLE EN TANT QU'IMMUNOSUPPRESSEUR**
[72] LEVY, GARY, CA
[73] VERITAS THERAPEUTICS INC., CA
[85] 2004-08-24
[86] 2003-02-28 (PCT/CA2003/000273)
[87] (WO2003/074068)
[30] US (60/361,056) 2002-03-01

[11] **2,477,412**

[13] C

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[54] **IDENTICALLY PROGRAMMED INTELLIGENT ELECTRODES FOR USE IN GEOELECTRICAL SURVEYS**
[54] **ELECTRODES INTELLIGENTES A PROGRAMMATION IDENTIQUE POUR LEVES GEOPHYSIQUES**
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[54] **AGENT THERAPEUTIQUE TRAITANT LES TROUBLES STOMACAUX DE COMPETENCE ALIMENTAIRE**
[72] MATSUNAGA, YUGO, JP
[72] UEKI, SHIGERU, JP
[72] HIGASHINO, RAITA, JP
[72] KAWACHI, MASANAO, JP
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[54] **TRANSAT A BASCULE PLIABLE POUR BEBES ET SON PROCEDE D'UTILISATION**
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[73] MATTEL, INC., US
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[54] **LAMPE HID MINIATURE A REDUCTION DE MERCURE**
[72] CALLAHAN, SUSAN L., US
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[54] **MODIFICATION DE RECOMBINAISON ET DE REPARATION D'ADN**
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[54] **AUTOMATED WATER DELIVERY SYSTEMS WITH FEEDBACK CONTROL**
[54] **SYSTEMES DE DISTRIBUTION D'EAU AUTOMATISES A COMMANDE ASSERVIE**
[72] PARSONS, NATAN E., US
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[73] SLOAN VALVE COMPANY, US
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[54] **AGREGATION D'ASPHALTENE DANS DES MELANGES D'HUILES MINERALES DETERMINEES PAR DIFFUSION DE LA LUMIERE A PETIT ANGLE**

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[72] SUNG, JAMES C., US

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[54] **SYSTEM AND METHOD FOR PREDICTING THE ONSET OF CARDIAC PATHOLOGY USING FRACTAL ANALYSIS**

[54] **SYSTEME ET PROCEDE POUR PREDIRE AU MOYEN DE L'ANALYSE FRACTALE LE DECLENCHEMENT D'UNE PATHOLOGIE CARDIAQUE**

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[54] **DOSAGES DE REGROUPEMENT DES NUCLEOCAPSIDES DU VIRUS EBOLA**

[72] NABEL, GARY, US

[72] HUANG, YUE, US

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[54] **MUTANTS DU VIRUS DE L'HERPES EQUIN GRAM NEGATIFS DEPOURVUS D'ELEMENTS HETEROLOGUES**

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[54] **CARD GUIDE AND METHOD FOR USE IN GUIDING CIRCUIT BOARD WITH RESPECT TO CHASSIS**
[54] **GUIDE-CARTE ET SON PROCEDURE D'UTILISATION POUR GUIDER UNE CARTE DE CIRCUIT IMPRIME PAR RAPPORT AU CHASSIS**
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[25] EN
[54] **METHOD OF PRODUCING POLYAMIDE NANOCOMPOSITES AND INJECTION MOLDED PARTS PRODUCIBLE THEREFROM**
[54] **PROCEDE DE PRODUCTION DE NANOCOMPOSITES A BASE DE POLYAMIDES ET PIECES MOULEES PAR INJECTION POUVANT ETRE PRODUITES A PARTIR DE CES NANOCOMPOSITES**
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[54] **METHOD OF SEPARATING COMPONENTS IN A SAMPLE USING SILANE-TREATED SILICA FILTER MEDIA**
[54] **PROCEDE DE SEPARATION DES CONSTITUANTS DANS UN ECHANTILLON A L'AIDE DE MILIEUX FILTRANTS A SILICE TRAITES PAR SILANES**
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[72] HAYES, KEITH QUENTIN, II, US
[72] HENG, MENG H., US
[72] KOLLAR, CSILLA, US
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[54] **SYSTEMES ET PROCEDES DE TRANSMISSION VIDEO POUR RESEAU DOMESTIQUE**
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[54] **APPAREIL DE FERMETURE SOUS VIDE DE CONTENANTS ALIMENTAIRES**
[72] PATTERSON, JUSTIN C., US
[72] SIANO, SALVATORE R., US
[72] MAK, CHI KIN JOHN, CN
[72] JONES, HEATHER, US
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[54] **DISPOSITIF DE SURVEILLANCE DE PRESSION/TEMPERATURE POUR PROTHESES**
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[54] **ASSEMBLAGE DE SUSPENSION A CHEVILLE INTEGREE POUR LUMINAIRES ENCASTRES**
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[73] COOPER TECHNOLOGIES COMPANY, US
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[13] C

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[54] **GREFFON NON TISSE**
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[13] C

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[25] EN
[54] **PIEZO ELECTRICALLY DRIVEN BELLOWS INFUSER FOR HYDRAULICALLY CONTROLLING AN ADJUSTABLE GASTRIC BAND**
[54] **ACTIONNEUR DE SOUFFLET A COMMANDE PIEZOELECTRIQUE POUR COMMANDE HYDRAULIQUE D'UNE BANDE GASTRIQUE AJUSTABLE**
[72] HASSLER, WILLIAM L., JR., US
[73] ETHICON ENDO-SURGERY, INC., US
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[25] FR
[54] **DEVICE FOR EXTINGUISHING FIRES BY INJECTION OF A GAS GENERATED BY THE COMBUSTION OF A PYROTECHNIC BLOCK**
[54] **DISPOSITIF D'EXTINCTION DE FEU PAR INJECTION D'UN GAZ GENERE PAR LA COMBUSTION D'UN BLOC PYROTECHNIQUE**
[72] FABRE, CHRISTIAN, FR
[73] AIRBUS OPERATIONS SAS, FR
[86] (2507562)
[87] (2507562)
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[25] EN
[54] **ANTI-ROTATION DEVICE FOR MATING CONNECTORS AND METHODS OF USING SAME**
[54] **DISPOSITIF ANTIROTATION POUR RACCORDER DES CONNECTEURS, ET METHODES D'UTILISATION**
[72] OTTEN, GREGORY K., US
[72] VAN LIERE, CHAD, US
[73] GRANT PRIDECO LP, US
[86] (2507909)
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[54] **PROCEDE ET SYSTEME DE COMBINAISON DE DONNEES IMAGES**
[72] BACARELLA, ANTONIO V., US
[72] DAVIS, DAVID W., US
[72] OSTROMEK, TIMOTHY E., US
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[54] **PROCEDE D'APPEL D'URGENCE**
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[72] RAGHURAM, SHARADA, US
[73] MOTOROLA MOBILITY LLC, US
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[25] EN

[54] **MULTI-ANTIGENIC ALPHAVIRUS REPLICON PARTICLES AND METHODS**

[54] **PARTICULES DE REPLICON D'ALPHAVIRUS MULTI-ANTIGENIQUE ET PROCEDES**

[72] SMITH, JONATHAN F., US
[72] KAMRUD, KURT, US
[72] DRYGA, SERGEY, US
[72] CALEY, IAN, US
[73] ALPHAVAX, INC., US
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[86] 2003-12-12 (PCT/US2003/039723)
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[30] US (60/433,058) 2002-12-13
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[54] **ALPHAVIRUS PARTICLES AND METHODS FOR PREPARATION**

[54] **PARTICULES D'ALPHAVIRUS ET PROCEDES DE PREPARATION CORRESPONDANTS**

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[72] KAMRUD, KURT, US
[72] DRYGA, SERGEY, US
[72] ALTERSON, HAROLD, US
[72] RAYNER, JON, US
[72] BUTLER, KIM, US
[72] MAUGHAN, MAUREEN F., US
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[54] **VENTILATEUR INDUSTRIEL**

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[13] C

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[25] EN

[54] **SYSTEM AND METHOD FOR REMOTE DEVICE REGISTRATION**

[54] **SYSTEME ET METHODE D'ENREGISTREMENT A DISTANCE D'UN DISPOSITIF**

[72] NEILL, BRIAN, CA
[72] VADEKAR, ASHOK, CA
[72] XU, PATRICK, CA
[73] CERTICOM CORPORATION, CA
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[11] **2,512,490**
[13] C

[51] **Int.Cl. A61B 10/00 (2006.01)**

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[54] **SELF-CONTAINED, SELF-PIERCING, SIDE-EXPELLING MARKING APPARATUS**

[54] **APPAREIL DE MARQUAGE AUTONOME, A AUTO-PERCAGE ET A EJECTION PAR LE COTE**

[72] FIELD, STEVEN E., US
[72] GOOSEN, RYAN L., US
[72] MULDER, BRIAN R., US
[72] CHESBROUGH, RICHARD M., US
[73] BARD SHANNON LIMITED, NL
[86] (2512490)
[87] (2512490)
[22] 2005-07-19
[30] US (10/710,587) 2004-07-22

[11] **2,513,479**
[13] C

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[25] EN

[54] **ARTICULATING SURGICAL STAPLING INSTRUMENT INCORPORATING A TWO-PIECE E-BEAM FIRING MECHANISM**

[54] **INSTRUMENT ARTICULE D'AGRAFAGE CHIRURGICAL COMPRENANT UN MECANISME BI-ELEMENTS DE DECLenchement DE FAISCEAU ELECTRONIQUE**

[72] SHELTON, FREDERICK E., IV, US
[72] DOLL, KEVIN ROSS, US
[72] MORGAN, JERRY R., US
[72] SETSER, MICHAEL EARL, US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2513479)
[87] (2513479)
[22] 2005-07-26
[30] US (60/591,694) 2004-07-28
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[25] EN

[54] **SURGICAL INSTRUMENT INCORPORATING AN ELECTRICALLY ACTUATED ARTICULATION MECHANISM**

[54] **INSTRUMENT CHIRURGICAL COMPRENANT UN MECANISME A ARTICULATION ELECTRIQUE**

[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2514274)
[87] (2514274)
[22] 2005-07-28
[30] US (60/591,694) 2004-07-28
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[11] **2,517,955**
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[54] **METHODS AND SYSTEMS FOR LOCATING SUBJECTS AND PROVIDING EVENT NOTIFICATION WITHIN A TRACKING ENVIRONMENT AND BADGE FOR USE THEREIN**
[54] **PROCEDES ET SYSTEMES DE LOCALISATION DE SUJETS ET DE GENERATION D'UNE NOTIFICATION D'EVENEMENT DANS UN ENVIRONNEMENT DE POURSUITE ET BADGE DESTINE A ETRE UTILISE DANS CES SYSTEMES**
[72] TENARVITZ, HENRY J., US
[73] VERSUS TECHNOLOGY, INC., US
[85] 2005-09-01
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[87] (WO2004/086287)
[30] US (10/394,805) 2003-03-21

[11] **2,518,285**
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[25] EN
[54] **ROLL-UP HEATING FOR A FLOOR, OR WALL**
[54] **APPAREIL DE CHAUFFAGE DEROULABLE POUR PLANCHER OU MUR**
[72] OOSTERLING, ROBERT, NL
[73] DEVI A/S, DK
[86] (2518285)
[87] (2518285)
[22] 2005-09-07
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[30] US (60/616,409) 2004-10-07

[11] **2,519,011**
[13] C

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[54] **HELICAL PIPING**
[54] **TUYAUX HELICOIDAUX**
[72] CARO, COLIN GERALD, GB
[72] WATKINS, NICHOLAS V., GB
[73] IMPERIAL COLLEGE INNOVATIONS LIMITED, GB
[85] 2005-09-13
[86] 2004-03-18 (PCT/GB2004/001163)
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[30] GB (0306179.3) 2003-03-18

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[25] EN
[54] **ORIGINAL READING UNIT, IMAGE FORMING APPARATUS AND IMAGE SCANNER**
[54] **UNITE DE LECTURE DE DOCUMENT ORIGINAL, APPAREIL DE FORMATION D'IMAGE ET ANALYSEUR D'IMAGE**
[72] HIRAYAMA, SHINOBU, JP
[73] SEIKO I INFOTECH INC., JP
[86] (2520263)
[87] (2520263)
[22] 2005-09-20
[30] JP (2004-310149) 2004-10-25

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[25] EN
[54] **COUPLED COFACTOR-DEPENDENT ENZYMATIC REACTION SYSTEMS IN AQUEOUS MEDIA**
[54] **SYSTEMES REACTIONNELS ENZYMATIQUES COUPLES DEPENDANTS D'UN COFACTEUR DANS DES MILIEUX AQUEUX**
[72] GROEGER, HARALD, DE
[72] ROLLMANN, CLAUDIA, DE
[72] HUESKEN, HENDRIK, DE
[72] WERNER, HELGE, DE
[72] CHAMOULEAU, FRANCOISE, DE
[72] HAGEDORN, CHAD, US
[72] DRAUZ, KARLHEINZ, DE
[72] HUMMEL, WERNER, DE
[73] EVONIK DEGUSSA GMBH, DE
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[30] DE (103 13 971.0) 2003-03-27

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[25] EN
[54] **PROCESS FOR THE PREPARATION OF HIGHLY CONCENTRATED FLOWABLE AQUEOUS SOLUTIONS OF BETAINES**
[54] **METHODE DE PREPARATION DE SOLUTIONS AQUEUSES FLUIDES A FORTE TENEUR EN BETAINES**
[72] ALLEF, PETRA, DE
[72] BEGOIHN, UWE, DE
[72] GRUENING, BURGHARD, DE
[72] KLEIN, RALF, DE
[72] PEGGAU, JOERG, DE
[73] EVONIK GOLDSCHMIDT GMBH, DE
[86] (2522636)
[87] (2522636)
[22] 2005-10-06
[30] DE (10 2004 055 549.4) 2004-11-17

[11] **2,523,401**
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[54] **CRYSTALLIZATION-STABLE MDI ALLOPHANATES BY A TWO-STAGE PROCESS**
[54] **MDI-ALLOPHANATES STABLES A LA CRISTALLISATION PRODUITS GRACE A UN PROCEDE EN DEUX ETAPES**
[72] SIMON, JOACHIM, DE
[72] RUTTMANN, GERHARD, DE
[72] KOEHLER, BURKHARD, DE
[73] BAYER MATERIALSCIENCE AG, DE
[86] (2523401)
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[54] **AZA SPIRO ALKANE DERIVATIVES AS INHIBITORS OF METALLOPROTEASES**

[54] **DERIVES D'AZA SPIRO ALCANE EN TANT QU'INHIBITEURS DE METALLOPROTEASES**

[72] YAO, WENQING, US
[72] ZHUO, JINCONG, US
[72] XU, MEIZHONG, US
[72] ZHANG, FENGLI, US
[72] METCALF, BRIAN, US
[73] INCYTE CORPORATION, US
[85] 2005-10-21
[86] 2004-04-23 (PCT/US2004/012672)
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[30] US (60/466,159) 2003-04-24
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[54] **METHOD FOR TRANSMITTING DATA BY MEANS OF A CARRIER CURRENT**

[54] **PROCEDE DE TRANSMISSION DE DONNEES PAR COURANT PORTEUR**

[72] FRUHAUF, JOSEPH, FR
[72] DUBOIS, ALEXANDRE, FR
[73] SPIDCOM TECHNOLOGIES, FR
[85] 2005-10-28
[86] 2004-04-30 (PCT/FR2004/001057)
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[30] FR (03/05374) 2003-04-30

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[25] EN

[54] **OPTIMIZED FC VARIANTS AND METHODS FOR THEIR GENERATION**

[54] **VARIANTS FC OPTIMISES ET LEURS PROCEDES DE GENERATION**

[72] LAZAR, GREGORY ALAN, US
[72] CHIRINO, ARTHUR J., US
[72] DANG, WEI, US
[72] DESJARLAIS, JOHN RUDOLPH, US
[72] DOBERSTEIN, STEPHEN KOHL, US
[72] HAYES, ROBERT J., US
[72] KARKI, SHER BAHADUR, US
[72] VAFA, OMID, US
[73] XENCOR, INC., US
[85] 2005-11-01
[86] 2004-03-26 (PCT/US2004/009298)
[87] (WO2004/099249)
[30] US (60/467,606) 2003-05-02
[30] US (60/477,839) 2003-06-12
[30] US (10/672,280) 2003-09-26

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[13] C

[51] **Int.Cl. H05B 41/36 (2006.01) H05B 41/392 (2006.01)**

[25] EN

[54] **HIGH INTENSITY DISCHARGE LAMP CONTROL**

[54] **COMMANDE D'UNE LAMPE A DECHARGE DE FORTE INTENSITE**

[72] DLUZNIAK, RICHARD, AU
[73] THE ACTIVE REACTOR COMPANY PTY LTD., AU
[85] 2005-11-08
[86] 2004-05-07 (PCT/AU2004/000601)
[87] (WO2004/100620)
[30] AU (2003902210) 2003-05-08

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[25] FR

[54] **COSMETIC COMPOSITION COMPRISING A FINE, POROUS POWDER**

[54] **COMPOSITION COSMETIQUE COMPRENANT UNE POUDRE FINE ET POREUSE**

[72] LOYEN, KARINE, FR
[72] KOHLER, SOPHIE, FR
[73] ARKEMA, FR
[86] (2526279)
[87] (2526279)
[22] 2005-11-08
[30] FR (04/12690) 2004-11-30

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[13] C

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[54] **PACKOFF NIPPLE**

[54] **MANCHON D'ETANCHEITE**

[72] CHEREWYK, BORIS (BRUCE) P., CA
[73] ISOLATION EQUIPMENT SERVICES INC., CA
[86] (2526615)
[87] (2526615)
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[25] EN

[54] **METER REGISTER AND REMOTE METER READER UTILIZING A STEPPER MOTOR**

[54] **INDICATEUR DE COMPTEUR ET LECTEUR DE COMPTEUR A DISTANCE UTILISANT UN MOTEUR PAS A PAS**

[72] WINTER, DAN, IL

[72] KOCH, RONALD N., US

[73] ARAD MEASURING TECHNOLOGIES LTD., IL

[85] 2005-12-06

[86] 2004-06-10 (PCT/US2004/018511)

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[30] US (60/547,716) 2004-02-25

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[51] **Int.Cl. H04W 4/12 (2009.01)**

[25] EN

[54] **DISPLAY OF SECURE MESSAGES ON A MOBILE COMMUNICATION DEVICE**

[54] **AFFICHAGE DE MESSAGES PROTEGES SUR UN DISPOSITIF DE COMMUNICATION MOBILE**

[72] ADAMS, NEIL P., CA

[72] BROWN, MICHAEL S., CA

[72] LITTLE, HERBERT A., CA

[72] BROWN, MICHAEL K., CA

[73] RESEARCH IN MOTION LIMITED, CA

[86] (2528525)

[87] (2528525)

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[13] C

[51] **Int.Cl. H01L 29/737 (2006.01) H01L 21/285 (2006.01) H01L 51/30 (2006.01) H01L 51/40 (2006.01)**

[25] EN

[54] **HETEROSTRUCTURE BIPOLAR TRANSISTOR**

[54] **TRANSISTOR BIPOLAIRE A HETEROJONCTION**

[72] ODA, YASUHIRO, JP

[72] KURISHIMA, KENJI, JP

[72] YOKOYAMA, HARUKI, JP

[72] KOBAYASHI, TAKASHI, JP

[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP

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[86] 2005-06-24 (PCT/JP2005/011606)

[87] (WO2006/003845)

[30] JP (195533/2004) 2004-07-01

[30] JP (265753/2004) 2004-09-13

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[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **2'-TERMINATOR NUCLEOTIDE-RELATED METHODS AND SYSTEMS**

[54] **PROCEDES ET SYSTEMES UTILISANT LES NUCLEOTIDES DE TERMINAISON 2'**

[72] GELFAND, DAVID H., US

[72] REICHERT, FRED L., US

[72] BODEPUDI, VEERAAIAH, US

[72] GUPTA, AMAR, US

[72] WILL, STEPHEN G., US

[72] MYERS, THOMAS B., US

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2005-12-28

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[87] (WO2005/005667)

[30] US (60/483,861) 2003-06-30

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[13] C

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[25] EN

[54] **METHOD, SYSTEM AND APPARATUS FOR CONTROLLING A VOICE RECORDER**

[54] **METHODE, SYSTEME ET APPAREIL DE COMMANDE D'UN ENREGISTREUR VOCAL**

[72] BOUCHARD, JEAN, CA

[72] PARENT, CLAUDE JACQUES, CA

[72] BEST, DAMANI JASON, CA

[73] BCE INC, CA

[86] (2531552)

[87] (2531552)

[22] 2005-12-22

[30] CA (2,515,629) 2005-08-08

[11] **2,532,176**
[13] C

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[25] EN

[54] **NEW 2-PYRIDINYLETHYLBENZAMIDE COMPOUNDS**

[54] **NOUVEAUX COMPOSES DE 2-PYRIDINYLETHYLBENZAMIDE**

[72] MANSFIELD, DARREN JAMES, FR

[72] COQUERON, PIERRE-YVES, FR

[72] DESBORDES, PHILIPPE, FR

[72] RIECK, HEIKO, FR

[72] GROSJEAN-COURNOYER, MARIE-CLAIRE, FR

[72] GENIX, PIERRE, FR

[72] VILLIER, ALAIN, FR

[72] CHRISTIAN, ISABELLE, FR

[73] BAYER SAS, FR

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[13] C

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[25] EN

[54] **ANTIMICROBIAL COMPOSITIONS CONTAINING SYNERGISTIC COMBINATIONS OF QUATERNARY AMMONIUM COMPOUNDS AND ESSENTIAL OILS AND/OR CONSTITUENTS THEREOF**

[54] **COMPOSTIONS ANTIMICROBIENNES CONTENANT DES COMBINAISONS SYNERGIQUES DE COMPOSES D'AMMONIUM QUATERNAIRE ET D'HUILES ESSENTIELLES ET/OU DE LEURS CONSTITUANTS**

[72] MODAK, SHANTA M., US
[72] SHINTRE, MILIND S., US
[72] GAONKAR, TRUPTI, US
[72] CARAOS, LAUSERPINA, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US

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[86] 2004-07-15 (PCT/US2004/022505)
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[30] US (60/488,349) 2003-07-17
[30] US (60/530,864) 2003-12-18

[11] **2,534,439**
[13] C

[51] **Int.Cl. G01B 15/00 (2006.01) E21C 39/00 (2006.01)**

[25] EN

[54] **GEOSTEERING DETECTORS FOR BORING-TYPE CONTINUOUS MINERS**

[54] **DETECTEURS DE PILOTAGE GEOLOGIQUE DESTINES A DES MACHINES DE CREUSEMENT CONTINUES DE TYPE PERFORATION**

[72] FREDERICK, LARRY D., US
[72] MEDLEY, DWIGHT, US
[73] FREDERICK MINING CONTROLS, LLC, US

[85] 2006-01-30
[86] 2004-07-29 (PCT/US2004/024262)
[87] (WO2005/012944)
[30] US (60/490,443) 2003-07-29

[11] **2,534,682**
[13] C

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[54] **CAPPED PYRAZINOYLGUANIDINE SODIUM CHANNEL BLOCKERS**

[54] **INHIBITEURS DE CANAL SODIQUE A PYRAZINOYLGUANIDINE COIFFEE**

[72] JOHNSON, MICHAEL R., US
[72] MOLINO, BRUCE F., US
[72] ZHANG, JIANZHONG, US
[72] SARGENT, BRUCE J., US
[73] PARION SCIENCES, INC., US

[85] 2006-02-03
[86] 2004-08-18 (PCT/US2004/026885)
[87] (WO2005/018644)
[30] US (60/495,725) 2003-08-18

[11] **2,535,992**
[13] C

[51] **Int.Cl. B61D 3/18 (2006.01) B60P 3/077 (2006.01) B61D 45/00 (2006.01)**

[25] EN

[54] **IMPROVED SUPPLEMENTAL RESTRAINT FOR AUTO-RACK RAILROAD CAR RESTRAINT SYSTEM**

[54] **DISPOSITIF DE RETENUE SUPPLEMENTAIRE AMELIORE POUR SYSTEME DE RETENUE DE WAGON PORTE-AUTOMOBILES**

[72] ANDERSON, JOHN D., US
[72] PEACH, WALTER J., US
[72] BURKE, MICHAEL K., US
[73] STANDARD CAR TRUCK COMPANY, US

[86] (2535992)
[87] (2535992)
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[30] US (11/058,050) 2005-02-14

[11] **2,536,256**
[13] C

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[25] EN

[54] **TARGETING OF TUMOR VASCULATURE USING RADIOLABELLED ANTIBODY L19 AGAINST FIBRONECTIN ED-B**

[54] **CIBLAGE SELECTIF DE SYSTEME VASCULAIRE TUMORAL AU MOYEN DE MOLECULES D'ANTICORPS RADIOMARQUEES**

[72] BORSI, LAURA, IT
[72] CARNEMOLLA, BARBARA, IT
[72] BALZA, ENRICA, IT
[72] CASTELLANI, PATRIZIA, IT
[72] ZARDI, LUCIANO, IT
[72] FRIEBE, MATTHIAS, DE
[72] HILGER, CHRISTOPH-STEPHAN, DE

[73] PHILOGEN S.P.A., IT

[85] 2006-02-20
[86] 2004-09-01 (PCT/EP2004/009733)
[87] (WO2005/023318)
[30] EP (03255633.4) 2003-09-10
[30] US (60/501,881) 2003-09-10

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[13] C

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[54] **VARIABLE CAM EXHAUST NOZZLE**

[54] **TUYERE D'ECHAPPEMENT A CAME VARIABLE**

[72] LAIR, JEAN-PIERRE, US
[73] THE NORDAM GROUP, INC., US

[85] 2006-02-23
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[13] C

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[54] **IMPROVED SEAL
JOINT D'ETANCHEITE
AMELIORE**

[72] MARTIN, DAVID, GB
[72] SINCLAIR, EWAN, GB
[73] CALEDYNE LIMITED, GB
[85] 2006-02-27
[86] 2004-08-26 (PCT/GB2004/003631)
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[30] GB (0320252.0) 2003-08-29

[11] **2,537,297**
[13] C

[51] **Int.Cl. B05B 7/24 (2006.01)**

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[54] **IMPROVED MULTIPLE
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[72] HUBMANN, CURTIS H., US
[72] MACLEAN-BLEVINS, MARK T., US
[72] YOUNG, MATTHEW, GB
[73] DIVERSEY, INC., US
[85] 2006-02-28
[86] 2004-09-08 (PCT/US2004/029101)
[87] (WO2005/023432)
[30] US (10/658,496) 2003-09-09

[11] **2,537,336**
[13] C

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[25] EN
[54] **MULTI-ARM POLYMER
PRODRUGS
PROMEDICAMENTS A BASE DE
POLYMERE A BRANCHES
MULTIPLES**

[72] ZHAO, XUAN, CN
[72] BENTLEY, MICHAEL D., US
[72] REN, ZHONGXU, US
[72] VIEGAS, TACEY X., US
[73] NEKTAR THERAPEUTICS, US
[85] 2006-03-01
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[13] C

[51] **Int.Cl. E04B 1/32 (2006.01) E04B 7/08 (2006.01) E04C 3/38 (2006.01)**

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[54] **ACCOUSTICAL SOUND
PROOFING MATERIAL AND
METHODS FOR
MANUFACTURING SAME
MATERIAU D'ISOLATION
ACOUSTIQUE ET PROCEDES DE
FABRICATION
CORRESPONDANT**

[72] SURACE, KEVIN J., US
[72] PORAT, MARC U., US
[73] SERIOUS ENERGY, INC., US
[85] 2006-03-07
[86] 2004-08-27 (PCT/US2004/028114)
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[11] **2,538,709**
[13] C

[51] **Int.Cl. H01J 49/00 (2006.01) B01D 59/44 (2006.01)**

[25] EN
[54] **MULTIPLE ION SOURCES
INVOLVING ATMOSPHERIC
PRESSURE PHOTOIONIZATION
SOURCES IONIQUES MULTIPLES
IMPLIQUANT LA
PHOTOIONIZATION A PRESSION
ATMOSPHERIQUE**

[72] HANOLD, KARL A., US
[72] SYAGE, JACK A., US
[73] MORPHO DETECTION, INC., US
[85] 2006-03-10
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[54] **TURBOJET REAR SUSPENSION
SUSPENSION ARRIERE DE
TURBOREACTEUR**

[72] DRON, SEBASTIEN, FR
[72] GUIBERT, THIBAUT, FR
[72] PRUDHOMME, GREGORY, FR
[72] TESNIERE, MARC, FR
[73] SNECMA, FR
[86] (2541127)
[87] (2541127)
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[30] FR (0550803) 2005-03-29

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[13] C

[51] **Int.Cl. A61K 31/7064 (2006.01) A61K 8/60 (2006.01) A61K 31/7076 (2006.01)**

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[54] **COMPOSITION FOR PROMOTING
COLLAGEN PRODUCTION
COMPRISING A PURINE
NUCLEIC ACID-RELATED
SUBSTANCE AND A PYRIMIDINE
NUCLEIC ACID-RELATED
SUBSTANCE
COMPOSITION STIMULANT LA
PRODUCTION DE COLLAGENE
COMPORTANT UNE SUBSTANCE
ASSOCIEE AUX PURINES DE
L'ACIDE NUCLEIQUE ET UNE
SUBSTANCE ASSOCIEE AUX
PYRIMIDINE DE L'ACIDE
NUCLEIQUE**

[72] SHINOHARA, SHIGEO, JP
[72] KAWAMURA, MITSUAKI, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2006-04-05
[86] 2004-10-08 (PCT/JP2004/015298)
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[54] **SYNERGISTIC FUNGICIDAL ACTIVE COMPOUND COMBINATIONS**

[54] **ASSOCIATIONS SYNERGIQUES DE COMPOSES ACTIFS FONGICIDES**

[72] WACHENDORFF-NEUMANN, ULRIKE, DE

[72] DAHMEN, PETER, DE

[72] DUNKEL, RALF, DE

[72] ELBE, HANS-LUDWIG, DE

[72] SUTY-HEINZE, ANNE, DE

[72] RIECK, HEIKO, FR

[73] BAYER CROPSCIENCE AG, DE

[85] 2006-04-07

[86] 2004-09-28 (PCT/EP2004/010830)

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[11] **2,542,035**
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/57 (2006.01) A61P 7/02 (2006.01) C07K 14/81 (2006.01) C12N 1/19 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING ANTITHROMBIN III COMPOSITION**

[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION D'ANTITHROMBINE III**

[72] YAMADA, TSUYOSHI, JP

[72] SATOH, MITSUO, JP

[72] KANDA, YUTAKA, JP

[72] YAMANO, KAZUYA, JP

[73] KYOWA HAKKO KIRIN CO., LTD., JP

[85] 2006-04-07

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[11] **2,542,076**
[13] C

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[25] EN

[54] **SUBSTITUTED TRICYCLIC COMPOUNDS AS PROTEIN KINASE INHIBITORS**

[54] **COMPOSES TRICYCLIQUES SUBSTITUES EN TANT QU'INHIBITEURS DE LA PROTEINE KINASE**

[72] HURLEY, LAURENCE H., US

[72] MAHADEVAN, DARUKA, US

[72] HAN, HAIYONG, US

[72] BEARSS, DAVID J., US

[72] VANKAYALAPATI, HARIPRASAD, US

[72] BASHYAM, SRIDEVI, US

[72] MUNOZ, RUBEN M., US

[72] WARNER, STEVEN L., US

[72] DELLA CROCE, KIMIKO, US

[72] VON HOFF, DANIEL D., US

[72] GRAND, CORY L., US

[73] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US

[73] ASTEX PHARMACEUTICALS, INC., US

[85] 2006-04-06

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[11] **2,543,497**
[13] C

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[25] EN

[54] **CONTROLLED RELEASE ANALGESIC SUSPENSIONS**

[54] **SUSPENSIONS ANALGESIQUES A LIBERATION CONTROLEE**

[72] WYNN, DAVID W., US

[72] MCNALLY, GERARD, US

[72] PARIKH, NICK, US

[73] MCNEIL-PPC, INC., US

[85] 2006-04-24

[86] 2004-10-21 (PCT/US2004/034709)

[87] (WO2005/044230)

[30] US (10/697,546) 2003-10-30

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[13] C

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[25] EN

[54] **FLUID JET DRILLING TOOL**

[54] **OUTIL DE FORAGE A JET DE FLUIDE**

[72] BLANGE, JAN-JETTE, NL

[73] SHELL CANADA LIMITED, CA

[85] 2006-04-21

[86] 2004-10-27 (PCT/EP2004/052677)

[87] (WO2005/040546)

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[30] EP (PCT/EP04/051407) 2004-07-08

[11] **2,544,182**
[13] C

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[25] EN

[54] **PIPE CLAMP WITH INTEGRAL LATCH**

[54] **COLLIER DE SERRAGE POUR TUYAUX COMPORTANT UN VERROU INTEGRE**

[72] CASSEL, SCOTT T., US

[72] AMEDURE, MICHAEL E., US

[72] IGNACZAK, BRIAN T., US

[73] NORMA U.S. HOLDING LLC, US

[85] 2006-04-28

[86] 2004-11-08 (PCT/US2004/037320)

[87] (WO2005/046937)

[30] US (60/518,133) 2003-11-07

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[13] C

[51] **Int.Cl. E03D 3/02 (2006.01) E03D 5/10 (2006.01) F16K 21/16 (2006.01) F16K 31/02 (2006.01) F16K 31/42 (2006.01) F16K 37/00 (2006.01) G01M 3/28 (2006.01) G05D 7/06 (2006.01)**

[25] EN

[54] **FLOW CONTROL DEVICE**

[54] **DISPOSITIF DE REGULATION DE DEBIT**

[72] KIMURA, MOTOYASU, JP

[72] KIMURA, TOMOEI, JP

[73] KIMURA CORPORATION, JP

[85] 2006-05-16

[86] 2004-04-26 (PCT/JP2004/006004)

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[13] C

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[25] EN
[54] **INSULATION PACKAGE ARRANGEMENT FOR INSULATING THE INTERIOR OF AN AIRCRAFT FUSELAGE**
[54] **ENSEMBLE DE KIT D'ISOLATION POUR ISOLER L'INTERIEUR D'UN FUSELAGE D'AVION**
[72] MUELLER, RAINER, DE
[72] TURANSKI, PETER, DE
[72] OESTEREICH, WILKO, DE
[72] REINELT, THORSTEN, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2006-06-07
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[25] EN
[54] **DELAYED STIMULATION IN AUDITORY PROSTHESES**
[54] **STIMULATION RETARDEE DANS DES PROTHESES AUDITIVES**
[72] PAOLINI, ANTONIO GIACOMO, AU
[72] GRAYDEN, DAVID BRUCE, AU
[73] THE BIONIC EAR INSTITUTE, AU
[85] 2006-06-07
[86] 2004-12-08 (PCT/AU2004/001729)
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[30] AU (2003906846) 2003-12-10

[11] **2,548,799**

[13] C

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[25] EN
[54] **A MEASURING CELL**
[54] **CELLULE DE MESURE**
[72] BEN DAVID, TSUR, IL
[73] BLUE I WATER TECHNOLOGIES LTD., IL
[85] 2006-06-08
[86] 2003-12-08 (PCT/IL2003/001038)
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[11] **2,550,015**

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[25] EN
[54] **METAL-BASED CARBON FIBER COMPOSITE MATERIAL AND METHOD FOR PRODUCING THE SAME**
[54] **COMPOSITE EN FIBRE DE CARBONE A BASE DE METAL ET METHODE DE FABRICATION CONNEXE**
[72] SATO, KIMINORI, JP
[72] OZOE, NOBUAKI, JP
[72] OGAWA, JINICHI, JP
[72] UENO, TOSHIYUKI, JP
[72] KOMATSUBARA, SATOSHI, JP
[73] SHIMANE PREFECTURAL GOVERNMENT, JP
[85] 2006-06-16
[86] 2004-12-16 (PCT/JP2004/018823)
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[25] EN
[54] **COMBINATION OF ANTICHOLINERGICS AND INHIBITORS OF PHOSPHODIESTERASE TYPE 4 FOR THE TREATMENT OF RESPIRATORY DISEASES**
[54] **COMBINAISON D'ANTICHOLINERGIQUES ET D'INHIBITEURS DE PHOSPHODIESTERASE TYPE 4 POUR LE TRAITEMENT DE MALADIES RESPIRATOIRES**
[72] MAUS, JOACHIM, DE
[72] CNOTA, PETER JUERGEN, DE
[72] SZELENYI, ISTVAN, DE
[72] FYRNYS, BEATRIX, DE
[73] MEDA PHARMA GMBH & CO. KG, DE
[85] 2006-06-20
[86] 2005-01-24 (PCT/EP2005/000651)
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[11] **2,551,596**

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[25] EN
[54] **MENU INTERFACE FOR MOBILE COMMUNICATIONS DEVICE**
[54] **INTERFACE DE MENU POUR APPAREIL DE COMMUNICATIONS MOBILES**
[72] ZINN, RONALD SCOTTE, CA
[72] BOCKING, ANDREW D., CA
[72] SCOTT SHERRY LEE LORRAINE, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2551596)
[87] (2551596)
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[11] **2,551,780**

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[25] EN
[54] **THE COMBINATION OF ANTICHOLINERGICS AND GLUCOCORTICOIDS FOR THE LONG-TERM TREATMENT OF ASTHMA AND COPD**
[54] **COMBINAISON D'ANTICHOLINERGIQUES ET DE GLUCOCORTICOIDES POUR LE TRAITEMENT PROLONGE DE L'ASTHME ET DES BRONCHOPNEUMOPATHIES CHRONIQUES OBSTRUCTIVES**
[72] GOEDE, JOACHIM, DE
[72] MAUS, JOACHIM, DE
[72] CNOTA, PETER JUERGEN, DE
[72] SZELENYI, ISTVAN, DE
[73] MEDA PHARMA GMBH & CO. KG, DE
[85] 2006-06-27
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[87] (WO2005/074918)
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[25] EN
[54] **AUXILIARY CONTACT CONFIGURATION FOR SWITCHING DEVICE**
[54] **CONFIGURATION DE CONTACT AUXILIAIRE POUR DISPOSITIF DE COMMUTATION**
[72] KOLMONEN, RAINER, FI
[72] MATTLAR, HARRI, FI
[73] ABB OY, FI
[85] 2006-07-06
[86] 2005-01-18 (PCT/FI2005/000029)
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[30] FI (20040066) 2004-01-19

[11] **2,556,795**
[13] C
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[25] EN
[54] **A DRILL BIT**
[54] **TREPAN**
[72] GIEN, BERNARD LIONEL, ZA
[73] GIEN, BERNARD LIONEL, ZA
[86] (2556795)
[87] (2556795)
[22] 2006-08-23
[30] ZA (2005/06810) 2005-08-25

[11] **2,557,950**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) G01N 21/31 (2006.01)**
[25] EN
[54] **PULSE OXIMETER WITH SEPARATE ENSEMBLE AVERAGING FOR OXYGEN SATURATION AND HEART RATE**
[54] **OXYMETRE DE POULS A MOYENNE D'ENSEMBLE SEPAREE POUR LA SATURATION EN OXYGENE ET LE DEBIT CARDIAQUE**
[72] BAKER JR., CLARK R., US
[73] NELLCOR PURITAN BENNETT INCORPORATED, US
[85] 2006-08-30
[86] 2005-03-07 (PCT/US2005/007388)
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[30] US (10/796,578) 2004-03-08

[11] **2,558,086**
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[51] **Int.Cl. A61B 5/15 (2006.01)**
[25] EN
[54] **BODY FLUID SAMPLING SEVICE**
[54] **DISPOSITIF DE PRELEVEMENT D'ECHANTILLONS DE LIQUIDES CORPORELS**
[72] CALASSO, IRIO, CH
[72] GRISS, PATRICK, CH
[72] SAROFIM, EMAD, CH
[72] JAEGGI, RAINER, CH
[72] KRAEMER, UWE, DE
[72] HASKER, DAVE, US
[72] ZIMMER, VOLKER, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2006-08-31
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[87] (WO2005/084545)
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[13] C
[51] **Int.Cl. C08G 18/32 (2006.01) C08J 9/08 (2006.01)**
[25] EN
[54] **ATTACHED, HIGH REACTIVITY RIGID POLYURETHANE FOAMS**
[54] **MOUSSES DE POLYURETHANE RIGIDES, ADHESIVES, A FORTE REACTIVITE**
[72] LEKOVIC, HUZEIR, US
[72] EL-KHATIB, ALI, US
[72] BILLOTTO, FRANK V., US
[72] OZASAHIN, ALI, US
[72] TABAKOVIC, RIFAT, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[11] **2,562,271**
[13] C
[51] **Int.Cl. A61G 7/10 (2006.01)**
[25] EN
[54] **PATIENT LIFT AND TRANSFER DEVICE AND METHOD**
[54] **DISPOSITIF DE LEVAGE ET DE TRANSFERT DE PATIENTS ET PROCEDE CORRESPONDANT**
[72] AARESTAD, JEROME K., US
[73] AARESTAD, JEROME K., US
[85] 2006-10-06
[86] 2005-04-05 (PCT/US2005/011575)
[87] (WO2005/099647)
[30] US (60/560,083) 2004-04-06
[30] US (10/932,267) 2004-09-02

[11] **2,562,862**
[13] C
[51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **SUTURE DEVICE**
[54] **DISPOSITIF DE SUTURE**
[72] KEREN, DVIR, IL
[72] LORE, RAMI, IL
[73] NEATSTITCH LTD., IL
[85] 2006-10-16
[86] 2005-01-20 (PCT/IL2005/000070)
[87] (WO2005/112789)
[30] US (60/573,631) 2004-05-21

[11] **2,562,901**
[13] C
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[25] EN
[54] **A METHOD AND A DEVICE FOR REMOVING GAS FROM WOOD CHIPS**
[54] **PROCEDE ET DISPOSITIF POUR ELIMINER DU GAZ DE COPEAUX DE BOIS**
[72] LAMPINEN, RAMI, FI
[72] HERNESNIEMI, LASSE, FI
[72] TUOMINEN, ANTTI, FI
[73] METSO PAPER, INC., FI
[85] 2006-10-17
[86] 2005-04-26 (PCT/FI2005/050133)
[87] (WO2005/106111)
[30] FI (20040637) 2004-05-05
[30] FI (20055098) 2005-02-28

[11] **2,564,015**
[13] C
[51] **Int.Cl. D21C 9/16 (2006.01) D21C 5/02 (2006.01) D21C 9/10 (2006.01)**
[25] EN
[54] **NEW COMPOSITION AND PROCESS FOR THE TREATMENT OF FIBRE MATERIAL**
[54] **COMPOSITION ET PROCEDE POUR LE TRAITEMENT D'UNE MATIERE FIBREUSE**
[72] PAREN, AARTO, FI
[72] AHLGREN, JONNI, FI
[72] JAKARA, JUKKA, FI
[72] RENVALL, ILKKA, FI
[72] RAUTIAINEN, JUKKA, FI
[73] KEMIRA OYJ, FI
[85] 2006-10-23
[86] 2005-05-10 (PCT/FI2005/000211)
[87] (WO2005/108673)
[30] FI (20040673) 2004-05-12

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[25] EN
[54] **NON-TRANSITORY RECORDING MEDIUM, REPRODUCTION DEVICE, NON-TRANSITORY COMPUTER READABLE RECORDING MEDIUM STORING A MANAGEMENT PROGRAM, REPRODUCTION METHOD, AND RECORDING METHOD FOR A CLICK SOUND PLAYBACK**
[54] **SUPPORT D'ENREGISTREMENT NON TRANSITOIRE, DISPOSITIF DE REPRODUCTION, SUPPORT D'ENREGISTREMENT NON TRANSITOIRE LISIBLE PAR ORDINATEUR ENTREPOSANT UN PROGRAMME DE GESTION, METHODE DE REPRODUCTION ET METHODE D'ENREGISTREMENT POUR UNE LECTURE SONORE D'UN VIDEOCLIP**
[72] HASHIMOTO, SATOSHI, JP
[72] OASHI, MASAHIRO, JP
[72] OKADA, TOMOYUKI, JP
[72] YAHATA, HIROSHI, JP
[73] PANASONIC CORPORATION, JP
[85] 2006-10-23
[86] 2005-11-30 (PCT/JP2005/022009)
[87] (WO2006/059654)
[30] JP (2004-349144) 2004-12-01

[11] **2,564,546**
[13] C

[51] **Int.Cl. A61K 31/702 (2006.01) A61K 9/12 (2006.01) A61K 9/14 (2006.01) A61K 31/665 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **AEROSOLIZED FOSFOMYCIN/AMINOGLYCOSIDE COMBINATION FOR THE TREATMENT OF BACTERIAL RESPIRATORY INFECTIONS**
[54] **COMBINAISON DE FOSFOMYCINE/AMINOGLYCOSIDE AEROSOLISE POUR LE TRAITEMENT D'INFECTIONS RESPIRATOIRES BACTERIENNES**
[72] BAKER, WILLIAM, US
[72] MACLEOD, DAVID, US
[73] CORUS PHARMA, INC., US
[85] 2006-10-23
[86] 2005-05-02 (PCT/US2005/014690)
[87] (WO2005/110022)
[30] US (60/571,739) 2004-05-17
[30] US (60/659,005) 2005-03-03

[11] **2,565,352**
[13] C

[51] **Int.Cl. F04C 15/00 (2006.01) F04C 2/32 (2006.01) F04C 18/10 (2006.01) F04C 29/00 (2006.01)**
[25] EN
[54] **COMPRESSOR**
[54] **COMPRESSEUR**
[72] GANNAWAY, EDWIN L., US
[72] CARN, CLAYTON, US
[73] TECUMSEH PRODUCTS COMPANY, US
[86] (2565352)
[87] (2565352)
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[54] **DISPOSITIF PERMETTANT DE PRODUIRE UNE MASSE DURCISSABLE**
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[72] JOENSSON, SVEN, SE
[72] LUNDGREN, TORGNY, SE
[72] BRORSSON, FRITZ, SE
[72] GULLWI, OESTEN, SE
[73] BONE SUPPORT AB, SE
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[54] **SYSTEMS AND PROCESSES FOR DETERMINING PROPER SUPERIOR-INFERIOR JOINT LINE POSITIONING**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER LE POSITIONNEMENT CORRECT D'UNE LIGNE DE JOINTS SUPERIEUR/INFERIEUR**
[72] CARSON, CHRISTOPHER P., US
[73] SMITH & NEPHEW, INC., US
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[54] **PIPERAZINEDIONES AS OXYTOCIN RECEPTOR ANTAGONISTS**
[54] **PIPERAZINEDIONES EN TANT QU'ANTAGONISTES DES RECEPTEURS DE L'OXYTOCINE**
[72] BORTHWICK, ALAN DAVID, GB
[72] HICKEY, DEIRDRE MARY BERNADETTE, GB
[72] LIDDLE, JOHN, GB
[72] MASON, ANDREW MCMURTRIE, GB
[73] GLAXO GROUP LIMITED, GB
[85] 2006-12-20
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[54] **A DRILL BIT**
[54] **TREPAN**
[72] LARBO, GORAN, SE
[73] ATLAS COPCO CRAELIUS AB, SE
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[54] **MIXED POWDER OR MIXED GRANULE BASED ON MGDA**
[54] **MELANGE DE POUDRES OU DE GRANULES A BASE DE MGDA**
[72] WITTELER, HELMUT, DE
[72] SCHOENHERR, MICHAEL, DE
[72] HARTMANN, MARKUS, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[54] **LED BULB**
[54] **AMPOULE A DIODES ELECTROLUMINESCENTES**
[72] CHEN, CHI GON, CN
[73] INTERNATIONAL DEVELOPMENT LLC, US
[86] (2572377)
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[54] **MODIFIED PYRIMIDINE GLUCOCORTICOID RECEPTOR MODULATORS**
[54] **MODULATEURS RECEPTEURS DE GLUCOCORTICOIDE DE PYRIMIDINE MODIFIEE**
[72] CLARK, ROBIN D., US
[72] RAY, NICHOLAS C., GB
[72] WILLIAMS, KAREN, GB
[72] CRACKETT, PETER H., GB
[72] HICKIN, GWEN, GB
[72] CLARK, DAVID A., GB
[73] CORCEPT THERAPEUTICS, INC., US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4,4-DIFLUORO-3-OXOBUTANOIC ACID ESTERS**
[54] **PROCEDE DE PREPARATION D'ESTERS D'ACIDE 4,4-DIFLUORO-3-OXOBUTANOIQUE**
[72] WALTER, HARALD, CH
[72] CORSI, CAMILLA, CH
[72] EHRENFREUND, JOSEF, CH
[72] LAMBERTH, CLEMENS, CH
[72] TOBLER, HANS, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2007-01-04
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[54] **HANDLE ASSEMBLY FOR A CLEANING APPLIANCE**
[54] **ENSEMBLE DE POIGNEE POUR APPAREIL DE NETTOYAGE**
[72] GAMMACK, PETER DAVID, GB
[72] MCCULLOCH, ANDREW, GB
[72] STRUTT, BENJAMIN JOHN, GB
[72] LIDDELL, SARAH HELEN, GB
[72] WHITE, WILLIAM ROBERT JAMES, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **ISOLATING IONS IN QUADRUPOLE ION TRAPS FOR MASS SPECTROMETRY**
[54] **ISOLATION D'IONS DANS DES PIEGES A IONS QUADRIPOLAIRES POUR SPECTROMETRIE DE MASSE**
[72] QUARMBY, SCOTT T., US
[72] SCHWARTZ, JAE C., US
[72] SYKA, JOHN E. P., US
[73] THERMO FINNIGAN LLC, US
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[54] **DERIVATIVES OF 1-PHENYLALKANECARBOXYLIC ACIDS FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **DERIVES D'ACIDES 1-PHENYLE ALCANE CARBOXYLIQUES POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] RAVEGLIA, LUCA, IT
[72] PERETTO, ILARIA, IT
[72] RADAELLI, STEFANO, IT
[72] IMBIMBO, BRUNO PIETRO, IT
[72] RIZZI, ANDREA, IT
[72] VILLETTI, GINO, IT
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[54] **OZONE STERILIZING SYSTEM FOR WATER DISPENSING SYSTEM**
[54] **SYSTEME DE STERILISATION DE L'OZONE POUR SYSTEME DE DISTRIBUTION D'EAU**
[72] YUI, GEORGE, CA
[73] ELECTROTEMP TECHNOLOGIES INC., CA
[85] 2007-02-06
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[54] **DISPOSITIF A DOUBLE VERROUILLAGE ET DEVEROUILLAGE ELECTRIQUE**
[72] CETNAR, ROMAN, CA
[73] MAGNA CLOSURES INC., CA
[85] 2007-02-07
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[25] EN
[54] **A METHOD FOR INITIATING AN ARC; A CONTROLLER AND A WELDING APPARATUS WITH A STICK WELDER FOR ACHIEVING SUCH A METHOD**
[54] **PROCEDE DESTINE A AMORCER UN ARC, DISPOSITIF DE COMMANDE ET APPAREIL DE SOUDAGE POURVU D'UNE SOUDEUSE A TIGE POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] BEISTLE, EDWARD, US
[72] BATZLER, TODD G., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2007-01-25
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[54] **STENT ET PROCEDE DE FABRICATION DE STENT**
[72] BALES, THOMAS O., US
[72] SLATER, CHARLES R., US
[72] JAHRMARKT, SCOTT L., US
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
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[54] **COMPOSITIONS HYDRAULIQUES SOUPLES**
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[73] UNITED STATES GYPSUM COMPANY, US
[85] 2007-02-26
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[87] (WO2006/034145)
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[54] **INVISIBLE DIVISION BAR MODULAR ASSEMBLY**
[54] **ENSEMBLE MODULAIRE A BARRE DE SEPARATION INVISIBLE**
[72] ZIMMER, JOHN, US
[72] DELINE, KARL, US
[72] BARA, ROD, US
[73] COOPER-STANDARD AUTOMOTIVE INC., US
[85] 2007-02-26
[86] 2005-08-24 (PCT/US2005/030090)
[87] (WO2006/023967)
[30] US (60/603,977) 2004-08-24
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[54] **TOPICAL COMPOSITIONS CONTAINING PHOSPHORYLATED POLYPHENOLS**
[54] **COMPOSITIONS TOPIQUES CONTENANT DES POLYPHENOLS PHOSPHORYLES**
[72] DECLERCQ, LIEVE, BE
[72] CORSTJENS, HUGO, BE
[72] MAES, DANIEL, US
[72] VAN BRUSSEL, WILLY, BE
[72] SCHELKENS, GEERT, BE
[73] AJINOMOTO OMNICHEM S.A., BE
[73] ESTEE LAUDER COORDINATION CENTER N.V., BE
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[13] C

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[54] **CORTICOSTEROIDE AYANT UNE FAIBLE ABSORPTION SYSTEMIQUE**
[72] FARNG, RICHARD K., US
[72] CHUNG-TSIN, CHIU, US
[72] TU, BA CUONG, US
[72] KWOCKHA, KENNETH W., US
[73] IVX ANIMAL HEALTH, INC., US
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[54] **METHOD AND APPARATUS FOR CONDITIONING A SENSOR FOR MEASURING OXIDATION REDUCTION POTENTIAL**
[54] **PROCEDE ET APPAREIL POUR CONDITIONNER UN CAPTEUR AFIN DE MESURER UN POTENTIEL DE REDUCTION D'OXYDATION**
[72] APPLGATE, CHARLES S., US
[72] DUBEY, DAVID W., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2007-03-20
[86] 2005-08-29 (PCT/US2005/030683)
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[30] US (10/946,512) 2004-09-21

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[54] **COMPOSITE MATERIALS**
[54] **MATERIAUX COMPOSITES**
[72] CHANDRASEKARAN, LAKSHMAN, GB
[72] FOREMAN, ANDREW DAVID, GB
[73] QINETIQ LIMITED, GB
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[54] **MULTI-CARRIER INCREMENTAL REDUNDANCY FOR PACKET-BASED WIRELESS COMMUNICATIONS**
[54] **REDONDANCE INCREMENTIELLE DE MULTIPORTEUSE POUR COMMUNICATIONS SANS FIL PAR PAQUETS**
[72] CASACCIA, LORENZO, IT
[72] MALLADI, DURGA PRASAD, US
[73] QUALCOMM INCORPORATED, US
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[86] 2005-09-29 (PCT/US2005/035461)
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[54] **INTRAMEDULLARY PIN FOR INSERTION INTO THE MEDULLARY SPACE OF A FEMUR**
[54] **CLOU INTRAMEDULLAIRE DESTINE A ETRE INSERE DANS L'ESPACE MEDULLAIRE D'UN FEMUR**
[72] KAUP, THOMAS, CH
[73] SYNTHES USA, LLC, US
[85] 2007-04-16
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[54] **LED ASSEMBLY WITH LED-REFLECTOR INTERCONNECT**
[54] **ASSEMBLAGE DE DEL AVEC INTERCONNEXION DE REFLECTEUR DE DEL**
[72] BELEK, RONALD E., US
[73] HENKEL CORPORATION, US
[85] 2007-04-27
[86] 2005-09-09 (PCT/US2005/032442)
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[54] **SECURITY STRUCTURE AND ARTICLE INCORPORATING SUCH A STRUCTURE**
[54] **STRUCTURE DE SECURITE ET ARTICLE INCORPORANT UNE TELLE STRUCTURE**
[72] VAST, NATHALIE, FR
[72] MALLOL, STEPHANE, FR
[73] ARJOWIGGINS SECURITY, FR
[85] 2007-05-04
[86] 2005-10-26 (PCT/FR2005/050903)
[87] (WO2006/051231)
[30] FR (0452558) 2004-11-08

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[13] C

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[54] **METHOD AND APPARATUS FOR DETERMINING FLOW PRESSURE USING DENSITY INFORMATION**
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE PRESSION D'ECOULEMENT A PARTIR DE DONNEES DE DENSITE**
[72] PATTEN, ANDREW TIMOTHY, US
[72] STAPPERT, KARL B., US
[73] MICRO MOTION, INC., US
[85] 2007-05-03
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[87] (WO2006/059967)

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[54] **ROULEMENT AVEC JOINTS**
[72] THOMPSON, STEPHEN, CA
[73] QA BEARING TECHNOLOGIES LTD., CA
[86] (2587904)
[87] (2587904)
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[54] **MEDICAL TAPE PREPARATION**
[54] **PREPARATION DE BANDE MEDICALE**
[72] KAWAMURA, NAOHISA, JP
[72] SAWADA, HIDENORI, JP
[72] KOBAYASHI, TAKAYUKI, JP
[73] NIPRO PATCH CO., LTD., JP
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[25] EN
[54] **UNDERARM COSMETIC METHOD AND COMPOSITIONS COMPRISING A SKIN DARKENING INHIBITION SYSTEM**
[54] **METHODE POUR COSMETIQUE POUR AISSELLES ET COMPOSITIONS COMPRENANT UN SYSTEME D'INHIBITION DU NOIRCISSEMENT DE LA PEAU**
[72] JAMES, ALEXANDER GORDON, GB
[72] MARTI, VERNON PETER JOHN, GB
[72] PATERSON, SARAH ELIZABETH, GB
[72] POPLER, JENNIFER ELIZABETH, GB
[72] TURNER, GRAHAM ANDREW, GB
[73] UNILEVER PLC, GB
[85] 2007-04-24
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[87] (WO2006/056283)
[30] GB (0425945.3) 2004-11-26

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[13] C

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[25] EN
[54] **CORD FOR REINFORCING RUBBER, METHOD OF MANUFACTURING THE CORD, AND RUBBER PRODUCT USING THE CORD**
[54] **CORDON DESTINE A RENFORCER DU CAOUTCHOUC, PROCEDE DE FABRICATION DU CORDON ET PRODUIT DE CAOUTCHOUC UTILISANT LE CORDON**
[72] AKIYAMA, MITSU HARU, JP
[72] MIZUKOSHI, NAOYA, GB
[72] KAJIHARA, KEISUKE, JP
[73] NIPPON SHEET GLASS COMPANY, LIMITED, JP
[85] 2006-12-12
[86] 2005-06-24 (PCT/JP2005/011643)
[87] (WO2006/001385)
[30] JP (2004-190346) 2004-06-28

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[13] C

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[25] EN
[54] **ONE-WAY VALVE, APPARATUS AND METHOD OF USING THE VALVE**
[54] **CLAPET, APPAREIL ET PROCEDE D'UTILISATION DU CLAPET**
[72] PY, DANIEL, US
[72] CHAN, JULIAN V., US
[72] ADAMO, BENOIT, US
[72] HOULE, NATHANIEL, US
[73] MEDICAL INSTILL TECHNOLOGIES, INC., US
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[86] 2005-12-05 (PCT/US2005/044167)
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[30] US (60/644,130) 2005-01-14

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[25] EN

[54] **TOOTHBRUSH HEAD WITH TAPERED MULTILOBAL GUM CUSHIONS**

[54] **TETE DE BROUSSE A DENTS AVEC COUSSINETS MULTILOBES EFFILES POUR GENCVES**

[72] BLANCHARD, STEPHEN JOHN, US

[72] O'MALLEY, BETHANN M., US

[72] MCDONOUGH, JUSTIN, US

[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[86] (2591209)

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[22] 2007-06-05

[30] US (11/423,067) 2006-06-08

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[13] C

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[25] EN

[54] **IMPLANTABLE DEVICE FOR THE NON-PNEUMATIC, ADJUSTABLE POSITIONING OF A HUMAN OR ANIMAL BODY PART**

[54] **DISPOSITIF IMPLANTABLE PERMETTANT LE POSITIONNEMENT AJUSTABLE, NON PNEUMATIQUE, D'UNE PARTIE D'UN CORPS HUMAIN OU ANIMAL**

[72] KUEHNEL, THOMAS, DE

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[54] **SECURISATION D'INTERACTIONS SUR UN RESEAU INFORMATIQUE ENTRE DES ENTITES ETABLIE PAR DES ASSURANCES D'AUTORISATION**

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[72] WILKE, DAVID J., US

[73] REDPHONE SECURITY, INC., US

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[54] **DEBLOCKING CONTROL METHOD CONSIDERING INTRABL MODE AND MULTILAYER VIDEO ENCODER/DECODER USING THE SAME**

[54] **PROCEDE DE COMMANDE DE DEBLOCAGE TENANT COMPTE UN MODE INTRA-COUCHE DE BASE ET CODEUR/DECODEUR VIDEO MULTICOUCHE UTILISANT UN TEL PROCEDE**

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[72] HA, HO-JIN, KR

[72] LEE, KYO-HYUK, KR

[72] LEE, BAE-KEUN, KR

[72] LEE, JAE-YOUNG, KR

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[54] **METHOD AND SYSTEM FOR SUBTERRANEAN WIRELESS DATA TRANSMISSION BETWEEN AT LEAST ONE MOBILE STATION AND A FIXED NETWORK BY MEANS OF A RADIO NETWORK**

[54] **PROCEDE ET SYSTEME POUR LA TRANSMISSION SOUTERRAINE ET SANS FIL DE DONNEES ENTRE AU MOINS UNE STATION MOBILE ET UN RESEAU STATIONNAIRE PAR UN RESEAU HERTZIEN**

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[72] KOWALCZYK, JOERG, DE
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[72] HOKEL, KYLE L., US
[72] ZIMBRIC, LUKE BENJAMIN, US
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[72] PEOPLES, OLIVER P., US
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[54] **POMPE VOLUMETRIQUE A PISTON ALTERNATIF ET ROTATIF**
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[73] BYRNE, NORMAN R., US
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[72] TAKAHASHI, HISASHI, JP
[72] INAGAKI, HIROAKI, JP
[72] KOMORIYA, SATOSHI, JP
[72] TAKEMURA, MAKOTO, JP
[72] MIYAUCHI, RIE, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **PROCEDE D'ELABORATION D'ACIDE 3.ALPHA.(.BETA.)-7.ALPHA.(.BETA.)-DIHYDROXY-6.ALPHA.(.BETA.)-ALKYLE-5.BETA.-CHOLANIQUE**
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[72] PELLICCIARI, ROBERTO, IT
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[54] **SEPARATEUR CYCLONIQUE DE SALETE ET POUSSIERE**
[72] COURTNEY, STEPHEN BENJAMIN, GB
[72] DYSON, JAMES, GB
[72] GOMICIAGA-PEREDA, RICARDO, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **PROCEDES POUR AJUSTER DE MANIERE OPTIMALE LES MESURES DE VETEMENTS**
[72] MATCHETT, REBECCA W., US
[72] PALUBA, ANDREW S., US
[72] MATCHETT, CHRISTOPHER J., US
[72] LOCK, PAULINE, US
[73] TRIOFIT, INC., US
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[54] **THREE-POLE APPARATUS FOR A MEDIUM OR HIGH VOLTAGE CUBICLE AND ASSOCIATED CUBICLE COMPRISING SUCH A THREE-POLE APPARATUS**
[54] **APPAREIL TRIPOLAIRE POUR CABINE DE DISTRIBUTION A MOYENNE ET HAUTE TENSIONS ET CABINE DE DISTRIBUTION COMPRENANT CET APPAREIL TRIPOLAIRE**
[72] VAGHINI, ALBERTO, IT
[72] ROSSI, ARMANDO, IT
[72] PERLI, GIORGIO, IT
[73] AREVA T&D ITALY S.P.A., IT
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[54] **BROADCAST TRANSPORT STREAM DISTRIBUTION SYSTEM, AND BROADCAST TRANSPORT STREAM DISTRIBUTION APPARATUS, USER TERMINAL DEVICE AND DISTRIBUTION METHOD FOR USE IN THE SYSTEM**
[54] **SYSTEME ET DISPOSITIF DE REPARTITION DE SUITE DE TRANSMISSION DE DIFFUSION, TERMINAL UTILISATEUR ET METHODE DE REPARTITION APPLICABLE AU SYSTEME**
[72] KURIHARA, SHINICHI, JP
[72] OSAKI, YOSHIRO, JP
[72] WADA, SUNAO, JP
[72] FUKUI, HIROAKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **METHODS AND APPARATUS FOR COLLECTING MEDIA CONSUMPTION DATA BASED ON USAGE INFORMATION**
[54] **PROCEDE ET APPAREIL POUR LA COLLECTE DE DONNEES DE CONSOMMATION DE MULTIMEDIA SUR LA BASE D'INFORMATION D'UTILISATION**
[72] HEADLEY, WESTON P., US
[72] DENG, KEVIN, US
[72] NELSON, DANIEL, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2007-12-07
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[54] **HAIR CONDITIONING COMPOSITION COMPRISING SILICONE POLYMERS CONTAINING QUATERNARY GROUPS**
[54] **COMPOSITION D'APRES-SHAMPOOING COMPRENANT DES POLYMERES DE SILICONE CONTENANT DES GROUPES QUATERNAIRES**
[72] TORGERSON, PETER MARTE, US
[72] WILLIAMS, BARBARA KAY, US
[72] UEHARA, NOBUAKI, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2007-12-13
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[54] **OPTIMISATION DE REDONDANCE ET DE DEBIT D'UN SYSTEME AUTOMATISE DE COLLECTE DE DONNEES DE COMPTEUR PAR RESEAU SANS FIL**

[72] SHUEY, KENNETH C., US
[72] BORLESKE, ANDREW J., US
[73] ELSTER SOLUTIONS, LLC, US
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[54] **PROCESS FOR PRODUCING POLYMER NANODISPERSIONS**

[54] **PROCEDE DE PREPARATION DE NANODISPERSIONS POLYMERIQUES**

[72] TOTH, ALAN E.J., CA
[73] XEROX CORPORATION, US
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[54] **STORM WATER RUNOFF TREATMENT SYSTEM**

[54] **SYSTEME DE TRAITEMENT D'ECOULEMENT DES EAUX PLUVIALES**

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[72] MITCHELL, GAYLE F., US
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[72] GAMMACK, PETER DAVID, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **APPAREIL DE SECHAGE**

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[72] HACKWELL, PAUL CEDRIC CAMPBELL, GB
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[54] **USE OF HYDROXYBENZOIC ACID ESTERS AND ANALOGUES FOR THE MANUFACTURE OF A MEDICAMENT FOR THE PREVENTION AND TREATMENT OF VIRUS INFECTION**

[54] **UTILISATION D'ESTER D'ACIDE HYDROXYBENZOIQUE ET D'ANALOGUES POUR LA FABRICATION D'UN MEDICAMENT VISANT LA PREVENTION ET LE TRAITEMENT D'INFECTIONS VIRALES**

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[73] SHENGHUA (GUANGZHOU) PHARMACEUTICAL SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2008-02-01
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[54] **DISPOSITIF DE COMMANDE POUR VEHICULE ELECTRIQUE**

[72] KITANAKA, HIDETOSHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **APPAREIL INTEGRE DE PESAGE ET DE MISE A NIVEAU D'AERONEF ET PROCEDES D'UTILISATION**
[72] HAMILTON, EDWARD C., US
[72] GREENE, MICHAEL A., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2008-03-18
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[54] **PARTICLE SPREADER SYSTEM**
[54] **DISPOSITIF DE DISPERSION DE PARTICULES**
[72] HALLAND, BRUCE R., US
[72] JOHNSON, KERRY, US
[73] CUSTOM MARKETING CO., LLC, US
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[54] **BELT TENSIONER AND METHOD FOR ASSEMBLY**
[54] **TENSIONNEUR DE CEINTURE ET PROCEDE D'ASSEMBLAGE**
[72] LANNUTTI, ANTHONY E., US
[72] SCOTT, STEVE E., US
[72] JOSLYN, ROBERT C., US
[72] CRIST, ROBERT J., US
[72] QUICK, TERRENCE R., US
[72] GERRING, DOUGLAS G., US
[72] DIEFENDERFER, RANDALL R., US
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[73] DAYCO IP HOLDINGS, LLC, US
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[54] **ADENOVIRUS 36 E4 ORF 1 GENE AND PROTEIN AND THEIR USES**
[54] **GENE ET PROTEINE E4 ORF 1 DE L'ADENOVIRUS 36 ET LEURS UTILISATIONS**
[72] DHURANDHER, NIKHIL V., US
[72] HOLLAND, THOMAS C., US
[72] WANG, ZHONG Q., US
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[73] WAYNE STATE UNIVERSITY, US
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[54] **EMERGENCY FACILITY VIDEO-CONFERENCE SYSTEM**
[54] **SYSTEME DE VIDEOCONFERENCE DESTINE A UN SERVICE D'URGENCES**
[72] JAMES, KELVIN C., US
[72] HENDERSON, MICHAEL D., US
[72] DEGIOANNI, JOSEPH J., US
[73] EMTTEL, INC., US
[86] (2633047)
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[25] EN
[54] **THIRD STAGE TURBINE AIRFOIL**
[54] **PROFIL AERODYNAMIQUE DE TURBINE DE TROISIEME ETAGE**
[72] SHEFFIELD, MARK, GB
[73] ROLLS-ROYCE POWER ENGINEERING PLC, GB
[85] 2008-06-13
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[54] **MACHINE HYDRAULIQUE, EN PARTICULIER MOTEUR HYDRAULIQUE, A MOUVEMENT ALTERNATIF**

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[54] **PROCEDE DE PREPARATION DE MORPHINE QUATERNAIRE N-ALKYLE OU DE DERIVES ALCALOIDES MORPHINIQUES**

[72] EIPERT, MARTIN, CH
[72] LAUTERBACH, ERIK HEINZ, CH
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[54] **SOLID POLYMER FUEL CELL AND METHOD FOR PRODUCING MEA USED FOR SOLID POLYMER FUEL CELL**

[54] **PILE A COMBUSTIBLE A POLYMERES SOLIDE ET PROCEDE DE FABRICATION D'UN MODULE MEMBRANE-ELECTRODE(MEA) UTILISE DANS UNE PILE A COMBUSTIBLE A POLYMERES SOLIDE**

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[54] **SHOE-REINFORCEMENT MATERIAL AND BARRIER UNIT, COMPOSITE SHOE SOLE, AND FOOTWEAR CONSTITUTED THEREOF**

[54] **MATIERE STABILISANTE POUR CHAUSSURES ET UNITE BARRIERE, SEMELLE COMPOSITE ET CHAUSSURE CONSTITUEES DE CETTE MATIERE**

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[54] **MESURE DE LA CHARGE SUR ROUE ET/OU PAR ESSIEU DES VEHICULES ROUTIERS**

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[72] FUCHS, CHRISTOFER, US
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[54] **MESURE DE LA RETRODIFFUSION DE BRILLOUIN D'UNE FIBRE OPTIQUE AU MOYEN D'UN SIGNAL DE SUIVI**
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[54] **ARTICLE ABSORBANT JETABLE DU TYPE ENVELOPPANT, A RABAT**
[72] ROE, DONALD CARROLL, US
[72] BERGMAN, CARL LOUIS, US
[72] DREIER, KIMBERLY ANN, US
[72] FISHER, CONSTANCE LEE, US
[72] FEIST, BARRY ROBERT, US
[72] KLINE, MARK JAMES, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-05-15
[86] 2007-11-15 (PCT/IB2007/054663)
[87] (WO2008/059461)
[30] US (11/599,852) 2006-11-15
[30] US (11/900,311) 2007-09-11

[11] **2,670,780**
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[54] **JOINT COMPOUND USING PREDISPERSED DEDUSTING AGENTS**
[54] **COMPOSE DE JOINT UTILISANT DES AGENTS DE DEPOUSSIERAGE DISPERSES AU PREALABLE**
[72] IMMORDINO, SALVATORE C., JR., US
[72] SCHENCK, RONALD E., US
[72] MILLER, CHARLES J., US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2009-05-27
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[54] **RHEOLOGY MODIFYING ADDITIVE FOR CEMENTITIOUS COMPOSITIONS**

[54] **ADDITIF MODIFIANT LA RHEOLOGIE POUR DES COMPOSITIONS DE CIMENT**

[72] BURY, JEFFREY R., US

[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

[85] 2009-06-01

[86] 2007-12-05 (PCT/EP2007/010549)

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[25] EN

[54] **MICROWIRES, METHODS FOR THEIR PRODUCTION, AND PRODUCTS MADE USING THEM**

[54] **MICROFILS, PROCEDES DE FABRICATION, ET PRODUITS FABRIQUES EN LES UTILISANT**

[72] PERERA, WILLORAGE RATHNA, US

[72] MAURETTI, GERALD J., US

[73] PASCALE INDUSTRIES, INC., US

[85] 2009-06-01

[86] 2007-11-29 (PCT/US2007/024590)

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[30] US (60/861,951) 2006-12-01

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[51] **Int.Cl. B65H 19/18 (2006.01) B65H 23/04 (2006.01) B65H 23/182 (2006.01) B65H 39/16 (2006.01)**

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[54] **CONTROLLED VERTICAL AXIS UNWINDING METHOD FOR ROLLS OF WEB MATERIAL**

[54] **METHODE DE DEBOBINAGE CONTROLE DE L'AXE VERTICAL POUR BOBINES DE MATIERE EN BANDE**

[72] MCNEIL, KEVIN BENSON, US

[72] BYRNE, THOMAS TIMOTHY, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[30] US (10/280,782) 2002-10-25

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[54] **SWOLLEN STARCH COMPOSITIONS FOR USE IN PAPERMAKING**

[54] **COMPOSITIONS A BASE D'AMIDON GONFLE ET DE LATEX POUR LA PAPETERIE**

[72] LALEG, MAKHLOUF, CA

[73] FPINNOVATIONS, CA

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[54] **RESUSCITATION DEVICE AND METHOD FOR RESUSCITATION**

[54] **DISPOSITIF DE REANIMATION ET PROCEDE DE REANIMATION**

[72] DE VOS, GERRIT JOHANNIS, NL

[72] TOMORI, ZOLTAN, SK

[73] NASOPHLEX B.V., NL

[85] 2009-06-12

[86] 2006-12-15 (PCT/NL2006/000599)

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[13] C

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[25] EN

[54] **EDIBLE FILM-SHAPED PREPARATION WITH COLA TASTE**

[54] **PREPARATION PELLICULAIRE COMESTIBLE, AU GOUT DE COCA**

[72] HOFFMANN, HANS-RAINER, DE

[72] ASMUSSEN, BODO, DE

[72] PIOTROWSKI, HOLGER, DE

[72] MUELLER, MARKUS, DE

[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE

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[54] **ANTI-IGE VACCINES**

[54] **VACCINS ANTI-IGE**

[72] MORSEY, MOHAMAD ALI, US

[72] SHEPPARD, MICHAEL GEORGE, AU

[72] WHEELER, DAVID WALTER, US

[73] PAH USA 15 LLC, US

[86] (2674837)

[87] (2674837)

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[72] MORSEY, MOHAMAD ALI, US
[72] SHEPPARD, MICHAEL GEORGE, AU
[72] WHEELER, DAVID WALTER, US
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[22] 2001-08-28
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[30] US (60/228,989) 2000-08-30

[11] **2,675,353**
[13] C

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[25] EN
[54] **VEHICLE TRUNK LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE DE LA MALLE D'UN VEHICULE**
[72] TAKEUCHI, YOSHIAKI, JP
[72] YAMADA, KATSUHISA, JP
[72] ICHIRIKI, TSUGUHITO, JP
[72] NISHIJIMA, HIROSHI, JP
[72] NOZOE, KOICHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2675353)
[87] (2675353)
[22] 2009-08-12
[30] JP (2008-253373) 2008-09-30

[11] **2,676,734**
[13] C

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[25] EN
[54] **CRYSTALLINE COLLOIDAL ARRAYS RESPONSIVE TO AN ACTIVATOR**
[54] **RESEAUX CRISTALLINS COLLOIDAUX SENSIBLES A UN ACTIVATEUR**
[72] PURDY, SEAN, US
[72] VANIER, NOEL, US
[72] XU, XIANGLING, US
[72] CAVLOVICH, ROBERT, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2009-07-27
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[87] (WO2008/097397)
[30] US (11/672,226) 2007-02-07

[11] **2,677,866**
[13] C

[51] **Int.Cl. B05B 1/18 (2006.01)**

[25] EN
[54] **REMOVABLE SHOWER HEAD**
[54] **POMME DE DOUCHE AMOVIBLE**
[72] HUANG, NAN-HAI, CN
[73] GLOBE UNION INDUSTRIAL CORP., TW
[86] (2677866)
[87] (2677866)
[22] 2009-08-25

[11] **2,679,752**
[13] C

[51] **Int.Cl. F04F 5/54 (2006.01)**

[25] EN
[54] **WELL JET DEVICE**
[54] **INSTALLATION DE POMPE A JETS**
[72] KHOMYNETS, ZINOVIIY DMITRIEVICH, RU
[73] KHOMYNETS, ZINOVIIY DMITRIEVICH, RU
[85] 2009-09-01
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[87] (WO2008/127148)
[30] RU (2007113620) 2007-04-12

[11] **2,679,991**
[13] C

[51] **Int.Cl. C07D 487/06 (2006.01) C07D 235/26 (2006.01)**

[25] EN
[54] **PROCESSES FOR MAKING ZILPATEROL AND SALTS THEREOF**
[54] **PROCEDES DE FABRICATION DE ZILPATEROL ET SELS DE CE DERNIER**
[72] DUBUIS, STEPHANE, CH
[72] KREBS, OLIVER, CH
[73] INTERVET INTERNATIONAL B.V., NL
[85] 2009-09-03
[86] 2008-03-28 (PCT/EP2008/053711)
[87] (WO2008/119754)
[30] US (60/920,885) 2007-03-31
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[30] EP (07105551.1) 2007-04-03

[11] **2,681,303**
[13] C

[51] **Int.Cl. H04W 8/00 (2009.01)**

[25] EN
[54] **BASE STATION APPARATUS, USER EQUIPMENT, AND METHOD USED IN MOBILE COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE STATION DE BASE UTILISE DANS UN SYSTEME DE COMMUNICATION MOBILE, DISPOSITIF UTILISATEUR ET PROCEDE**
[72] ISHII, HIROYUKI, JP
[72] HARADA, ATSUSHI, JP
[73] NTT DOCOMO, INC., JP
[85] 2009-09-16
[86] 2008-03-12 (PCT/JP2008/054512)
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[30] JP (2007-071588) 2007-03-19

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[25] EN
[54] **BIOARTIFICIAL LIVER SYSTEM USING BIOREACTOR PACKED WITH GEL BEADS**
[54] **SYSTEME DE FOIE BIOARTIFICIEL COMPRENANT UN BIOREACTEUR A BILLES DE GEL**
[72] PARK, JUNG KEUG, KR
[72] KIM, SUNG KOO, KR
[72] LEE, SUK KOO, KR
[72] KIM, YOUNG-JIN, KR
[72] LEE, DOO-HOON, KR
[72] LEE, JI-HYUN, KR
[72] YOON, HEE-HOON, KR
[72] RYU, JAE-NAM, KR
[72] KWON, CHOON-HYUCK, KR
[72] NOH, JEONG-KWON, KR
[72] PARK, HEY-JUNG, KR
[73] LIFECORD, INC., KR
[73] PARK, JUNG KEUG, KR
[73] KIM, SUNG KOO, KR
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[85] 2009-09-23
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[11] 2,683,391

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[25] EN
[54] **METHOD FOR TRANSPORTING SEDIMENTS IN DAMMED BODIES OF WATER**
[54] **PROCEDE DE CHARRIAGE DE SEDIMENTS DANS DES EAUX DE RETENUE**
[72] DETERING, MICHAEL, DE
[73] DETERING, MICHAEL, DE
[85] 2009-10-02
[86] 2008-03-28 (PCT/EP2008/002507)
[87] (WO2008/122377)
[30] DE (10 2007 016 679.8) 2007-04-04

[11] 2,683,406

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[25] EN
[54] **OUTDOOR LIGHTING FIXTURE USING LEDS**
[54] **APPAREIL D'ECLAIRAGE EXTERIEUR FAISANT APPEL A DES DIODES ELECTROLUMINESCENTES**
[72] KOVALCHICK, DANIEL A., US
[72] MADARA, JAMES K., US
[72] LANYON, CHARLES D., US
[72] ZABAWSKI, HENRICK A., US
[72] SADCHIKOV, ANDREY, US
[72] GIARDINA, RICHARD, US
[72] BRINK, ALAN, US
[73] SPRING CITY ELECTRICAL MANUFACTURING COMPANY, US
[86] (2683406)
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[22] 2009-10-23
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[11] 2,683,521

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[25] EN
[54] **METHOD AND APPARATUS TO MECHANICALLY REDUCE FOOD PRODUCTS INTO IRREGULAR SHAPES AND SIZES**
[54] **METHODE ET APPAREIL PERMETTANT DE DECOUPER EN TRANCHES DES PRODUITS ALIMENTAIRES SELON DES FORMES IRREGULIERES ET DES GRANDEURS DIFFERENTES**
[72] SAMMEL, LAUREN MICHELE, US
[72] PAINTER, CORY, US
[72] HUMKE, SARAH C., US
[72] BRADLEY, SCOTT J., US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2683521)
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[25] FR
[54] **DEVICE FOR ATTACHING A LIFT MEMBER TO THE FUSELAGE OF AN AIRCRAFT**
[54] **DISPOSITIF DE FIXATION D'UN ORGANE DE SUSTENTATION AU FUSELAGE D'UN AVION**
[72] GALLANT, GUILLAUME, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2009-10-09
[86] 2008-04-15 (PCT/FR2008/050668)
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[30] FR (07 54529) 2007-04-17

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[25] EN
[54] **STRAND POSITIONING GUIDE HAVING REVERSELY ORIENTED V-SHAPED SLOTS FOR USE IN CONNECTION WITH STRAND COATING APPLICATORS**
[54] **GUIDE DE POSITIONNEMENT DE FILAMENTS COMPORTANT DES FENTES EN FORME DE V INVERSE S'UTILISANT AVEC DES APPLICATEURS DE REVETEMENT DE FILAMENTS**
[72] BOLYARD, EDWARD W., JR., US
[72] LESLEY, MEL STEVEN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2009-10-09
[86] 2008-05-23 (PCT/US2008/064712)
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[30] US (11/819,903) 2007-06-29

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[25] EN
[54] **MULTI STEP SYSTHESIS OF IBANDRONATE**
[54] **SYNTHESE D'IBANDRONAT EN PLUSIEURS ETAPES**
[72] JUNGHANS, BERND, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2009-10-08
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[54] **ONE TRIP MILLING SYSTEM**
[54] **INSTALLATION DE FORAGE EN UN COUP**
[72] DEWEY, CHARLES H., US
[72] SAYLOR, JAMES E., US
[72] SWEARINGEN, BRUCE D., US
[72] ROBIN, ANDREW MACDONALD, GB
[72] DAWSON, ALEXANDER WILLIAM, GB
[72] NAIRN, GREGORY S., US
[73] SMITH INTERNATIONAL, INC., US
[86] (2684983)
[87] (2684983)
[22] 1997-03-25
[62] 2,200,937
[30] US (08/642,829) 1996-05-03

[11] **2,686,086**
[13] C

[51] **Int.Cl. H04L 1/24 (2006.01) H04L 1/20 (2006.01) H04N 17/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR DETERMINING A DOMINANT IMPAIRMENT OF AN IMPAIRED COMMUNICATION CHANNEL**
[54] **METHODES ET SYSTEME PERMETTANT DE DETERMINER UNE DEGRADATION DOMINANTE D'UN CANAL DE COMMUNICATION DEFAVORISE**
[72] THOMPSON, ROBERT J., US
[72] COOPER, MICHAEL J., US
[72] MOORE, CHARLES S., US
[72] MORAN, JOHN L., III, US
[73] GENERAL INSTRUMENT CORPORATION, US
[86] (2686086)
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[25] EN
[54] **STRUCTURE INCLUDING A COMPOSITE PANEL JOINT**
[54] **STRUCTURE COMPRENANT UN JOINT DE PANNEAU COMPOSITE**
[72] STANTON, WILLIAM H., CA
[73] FAROEX LTD., CA
[86] (2689731)
[87] (2689731)
[22] 2010-01-26
[30] US (12/626,668) 2009-11-26

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[25] EN
[54] **PIVOTALLY ACTUATED PUMP DRIVEN LIQUID DISPENSING SHAVING RAZOR**
[54] **RASOIR A DISTRIBUTION DE LIQUIDE COMMANDEE PAR UNE POMPE ACTIONNEE PAR PIVOTEMENT**
[72] CLARKE, SEAN PETER, GB
[73] THE GILLETTE COMPANY, US
[85] 2009-12-09
[86] 2008-06-12 (PCT/IB2008/052328)
[87] (WO2008/152601)
[30] US (60/934,255) 2007-06-12

[11] **2,691,904**
[13] C

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[25] EN
[54] **METHOD OF MANUFACTURING TRANSITION METAL OXIDE HAVING SPINEL STRUCTURE**
[54] **PROCEDE DE FABRICATION D'UN OXYDE DE METAL DE TRANSITION A STRUCTURE DE SPINELLE**
[72] RYU, TAKASHI, JP
[72] NAKAMURA, TOSHIYUKI, JP
[72] OHMORI, MAKOTO, JP
[73] NGK INSULATORS, LTD., JP
[86] (2691904)
[87] (2691904)
[22] 2010-01-29
[30] JP (P2009-23956) 2009-02-04
[30] JP (P2009-204489) 2009-09-04

[11] **2,695,048**
[13] C

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[25] EN
[54] **SENSOR HEAD FOR A DRY POWDER AGENT**
[54] **TETE DE CAPTEUR POUR AGENT EN POUVRE**
[72] POWELL, BRIAN, US
[72] AYERS, SCOTT, US
[73] KIDDE TECHNOLOGIES, INC., US
[86] (2695048)
[87] (2695048)
[22] 2010-03-01
[30] US (12/421,030) 2009-04-09

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[11] **2,699,232**
[13] C

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[25] EN
[54] **SELF-MOVING DEVICE FOR
MOVABLE FURNITURE PARTS**
[54] **DISPOSITIF AUTOMOTEUR
POUR PIECES AMEUBLEMENT
MOBILES**
[72] LIANG, HSIU-CHIANG, TW
[72] CHEN, KEN-CHING, TW
[72] WANG, CHUN-CHIANG, TW
[73] KING SLIDE WORKS CO., LTD., TW
[86] (2699232)
[87] (2699232)
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[30] TW (098120785) 2009-06-19

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[13] C

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9/08 (2006.01) C22C 38/06 (2006.01)
C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL PIPE WITH EXCELLENT
EXPANDABILITY AND METHOD
FOR PRODUCING THE SAME**
[54] **TUBE D'ACIER AYANT
D'EXCELLENTE PROPRIETES
D'AGRANDISSEMENT, ET
PROCEDE DE PRODUCTION DE
CELUI-CI**
[72] KONDO, KUNIO, JP
[72] ARAI, YUJI, JP
[73] SUMITOMO METAL INDUSTRIES,
LTD., JP
[85] 2010-03-24
[86] 2008-09-16 (PCT/JP2008/066624)
[87] (WO2009/057390)
[30] JP (2007-281613) 2007-10-30

[11] **2,701,432**
[13] C

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[25] EN
[54] **CONNECTING ELEMENT FOR
ELECTRIC CONDUCTORS WITH
A PRINTED CIRCUIT BOARD**
[54] **CONNECTEUR POUR
CONDUCTEURS ELECTRIQUES
DE CARTE DE CIRCUITS
IMPRIMES**
[72] SCHWETTMANN, HARTMUT, DE
[72] NASS, ANDREAS, DE
[72] SCHNIEDER, STEFAN, DE
[73] HARTING ELECTRIC GMBH & CO.
KG, DE
[86] (2701432)
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[22] 2010-04-27
[30] DE (20 2009 006 254.6) 2009-04-29

[11] **2,702,547**
[13] C

- [51] **Int.Cl. B64D 25/00 (2006.01) B64D
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[25] EN
[54] **CRASH ATTENUATION SYSTEM
FOR AIRCRAFT**
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[72] THO, CHENG-HO, US
[72] SMITH, MICHAEL R., US
[73] BELL HELICOPTER TEXTRON INC.,
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[72] KONTSCHIEDER, HEINZ, AT
[72] LEINER, MARCO JEAN-PIERRE, AT
[72] HUBER, WOLFGANG, AT
[72] KRYSL, FRANZ JOSEF, AT
[72] RITTER, CHRISTOPH, AT
[72] OFFENBACHER, HELMUT, AT
[72] SCHAFFAR, BERNHARD, AT
[72] SCHINNERL, MARIE-LUISE, AT
[72] HARER, JOHANN, AT
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[54] **CONTROL APPARATUS FOR
INTERNAL COMBUSTION
ENGINE**
[54] **SYSTEME DE COMMANDE POUR
MOTEUR A COMBUSTION
INTERNE**
[72] SHIBAGAKI, NOBUYUKI, JP
[72] MASHIKI, ZENICHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI
KAISHA, JP
[86] (2706638)
[87] (2706638)
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[30] JP (2005-081858) 2005-03-22

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[54] **INJECTION-MOLDED COMPOSITE CONSTRUCT AND TOOL FOR FORMING CONSTRUCT**

[54] **CONSTRUCTION COMPOSITE MOULEE PAR INJECTION, ET OUTIL POUR LA FORMATION DE CETTE CONSTRUCTION**

[72] O'HAGAN, BRIAN R., US

[72] NETZER, PHILIP E., US

[72] BARNARD, BRUCE, US

[72] BLAAS, PETER W., US

[72] HJORT, KEVIN J., US

[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US

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[54] **VISCOUS OIL RECOVERY USING ELECTRIC HEATING AND SOLVENT INJECTION**

[54] **PROCEDE D'EXTRACTION D'UNE HUILE VISQUEUSE PAR CHAUFFAGE ELECTRIQUE ET INJECTION DE SOLVANT**

[72] KAMINSKY, ROBERT D., US

[72] WATTENBARGER, ROBERT CHICK, US

[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

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[54] **INTRAOCULAR IMPLANT AND DELIVERY DEVICE FOR IMPLANTATION**

[54] **IMPLANT INTRAOCULAIRE ET INSTRUMENT PERMETTANT DE LE METTRE EN PLACE**

[72] RICHTER, JACOB, IL

[72] PINCHASIK, GREGORY, IL

[72] YARON, IRA, IL

[73] OPTONOL LTD., IL

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[54] **COMPOSITION OF BEER AND ITS PRODUCTION METHOD**

[54] **COMPOSITION DE BIERE ET SA METHODE DE PRODUCTION**

[72] YUKHNYTSYA, YEVHEN, UA

[73] YUKHNYTSYA, YEVHEN, UA

[86] (2709593)

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[54] **ANTI-FOMITIC DEVICES**

[54] **DISPOSITIFS ANTICONTAMINATION**

[72] GOODWIN, MAUREEN, US

[72] TRIVELLI, KATHRYN A., US

[72] MOONEY, CATHERINE W., US

[73] GOODWIN, MAUREEN, US

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[54] **HIGH PRESSURE PIPE LINER COUPLING ASSEMBLY AND METHOD**

[54] **PROCEDE ET ENSEMBLE D'ACCOUPLLEMENT DE REVETEMENT DE CONDUITE HAUTE PRESSION**

[72] ZAPATA, OSCAR, US

[72] DODDS, JOHN JOSEPH, US

[73] ROBROY INDUSTRIES, INC., US

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[54] **POWER CONVERSION DEVICE**

[54] **DISPOSITIF DE CONVERSION DE PUISSANCE**

[72] KITANAKA, HIDETOSHI, JP

[73] MITSUBISHI ELECTRIC CORPORATION, JP

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[54] **APPAREIL D'ECLAIRAGE UTILISANT DES DIODES ELECTROLUMINESCENTES**
[72] GILL, JASON JAE, KR
[73] AMOLUXE CO. LTD., KR
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[54] **CRAMPON DE CABLE**
[72] MACDONALD, BRIAN, CA
[72] LALANCETTE, DANIEL, CA
[72] DI LILLO, MIKE, CA
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2712771)
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[54] **PORTABLE DEVICE FOR ASSESSING WARP STABILITY**
[54] **DISPOSITIF PORTATIF PERMETTANT D'EVALUER LA STABILITE DU GAUCHISSEMENT**
[72] FLOYD, STANLEY L., US
[73] WEYERHAEUSER NR COMPANY, US
[86] (2712811)
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[54] **TRIMMER HEAD FOR USE IN FLEXIBLE LINE ROTARY TRIMMERS HAVING IMPROVED LINE LOADING MECHANISM**
[54] **TETE DE COUPE-BORDURE POUR COUPE-BORDURES ROTATIFS A FIL SOUPLE ET POURVUE D'UN MECANISME AMELIORE DE CHARGEMENT DU FIL**
[72] PROULX, RICHARD A., US
[73] PROULX MANUFACTURING, INC., US
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[54] **METHOD AND APPARATUS FOR APPLYING CUSHION GUM TO A TIRE CASING**
[54] **PROCEDE ET APPAREIL PERMETTANT D'APPLIQUER UNE GOMME DE PIED A UNE ENVELOPPE DE PNEU**
[72] CROWE, DAVID ALLEN, US
[72] CHEEK, WILLIAM EDWARD, US
[72] YOUNG, ROBERT, US
[72] MANUEL, STEPHEN, US
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[54] **METHOD AND DEVICES FOR ENABLING A MULTI-MODE DEVICE TO ESTABLISH A SESSION THROUGH MULTIPLE NETWORKS**
[54] **DISPOSITIFS ET PROCEDE PERMETTANT A UN DISPOSITIF MULTIMODAL D'ETABLIR UNE SESSION SUR UNE PLURALITE DE RESEAUX**
[72] AGULNIK, ANATOLY, US
[72] AVERBUCH, ROD N., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **SYSTEMES A FLUIDE PROPRE POUR LA FRACTURATION PARTIELLE D'UNE MONOCOUCHE**
[72] FLEMING, T JEFF, US
[72] PAULS, RICHARD W., US
[72] WELTON, THOMAS D., US
[72] MCMECHAN, DAVID EUGENE, US
[72] TODD, BRADLEY L., US
[72] BRYANT, JASON E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSABLE ABSORBENT ARTICLE PRODUCTS WITH IMPROVED STAGES OF DEVELOPMENT IDENTIFICATION**

[54] **PRODUITS ABSORBANTS JETABLES AVEC STADES D'IDENTIFICATION DE DEVELOPPEMENT AMELIORES**

[72] BETTS, TYSONN Y., US

[72] SINGH, IKDEEP, US

[72] GLASER, RAYMOND A., US

[73] THE PROCTER & GAMBLE COMPANY, US

[86] (2721195)

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[54] **COMPOSITIONS DE POLYMERES AU FLUOROCARBONE ET PROCEDES DE REVETEMENT DE BOBINES AVEC CELLES-CI**

[72] AMBROSE, RONALD R., US

[72] SENEKER, CARL A., US

[72] ZHOU HONGYING, US

[73] PPG INDUSTRIES OHIO, INC., US

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[54] **VEHICLE HAVING A REMOVABLE SUB-PIPE**

[54] **VEHICLE AYANT UN TUYAU SECONDAIRE AMOVIBLE**

[72] SHIINA, HIROMITSU, JP

[72] YAMASHITA, AKIHIRO, JP

[72] HIRUKAWA, MASAYUKI, JP

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

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[54] **DISPOSITIF CHIRURGICAL D'AGRAFAGE**

[72] RACENET, DAVID C., US

[72] STEARNS, RALPH, US

[72] BEARDSLEY, JOHN W., US

[72] ROY, PHILIP, US

[72] OLSON, LEE ANN, US

[73] TYCO HEALTHCARE GROUP LP, US

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[54] **OPERATION OF A FROSTING VESSEL OF AN ANTI-SUBLIMATION SYSTEM**

[54] **FONCTIONNEMENT D'UNE CUVE DE GIVRAGE D'UN SYSTEME ANTISUBLIMATION**

[72] HEES, WOLFGANG G., SE

[73] ALSTOM TECHNOLOGY LTD, CH

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[54] **CIRCULATION SYSTEM FOR RETRIEVAL OF BOTTOM HOLE ASSEMBLY DURING CASING WHILE DRILLING OPERATIONS**

[54] **SYSTEME DE CIRCULATION POUR RECUPERATION D'ENSEMBLE FOND DE Puits PENDANT DES OPERATIONS DE TUBAGE PENDANT LE FORAGE**

[72] ERIKSEN, ERIK P., CA

[72] MOFFITT, MICHAEL E., US

[72] WARREN, TOMMY M., US

[73] TESCO CORPORATION, US

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[54] **BARRETTES DE BATTERIE**

[72] MACK, ROBERT J., US

[73] JOHNSON CONTROLS TECHNOLOGY COMPANY, US

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[54] **DELAYED RELEASE RASAGILINE FORMULATION**

[54] **FORMULATION DE RASAGILINE A LIBERATION RETARDEE**

[72] SAFADI, MUHAMMAD, IL
[72] LICHT, DANNIELLA, IL
[72] COHEN, RACHEL, IL
[72] FRENKEL, ANTON, IL
[72] KOLTAI, TAMAS, IL
[72] ZHOLKOVSKY, MARINA, IL
[73] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL

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[54] **PROCESS FOR DELIGNIFYING AND BLEACHING CHEMICAL PULP**

[54] **PROCEDE DE DEFIBRAGE ET DE BLANCHIMENT DE LA PATE CHIMIQUE**

[72] DIETZ, THOMAS, DE
[73] EVONIK DEGUSSA GMBH, DE

[86] (2728349)
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[22] 2011-01-17
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[54] **MOUNTING DEVICE**

[54] **DISPOSITIF DE MONTAGE**

[72] BRAUN, KLAUS, DE
[72] CARLE, GABI, DE
[72] HOEHE, KURT, DE
[72] RUESS, BERND, DE
[72] LASKE, MATTHIAS, DE
[73] REINZ-DICHTUNGS-GMBH, DE
[73] HOELZEL STANZ- UND FEINWERKTECHNIK GMBH & CO. KG, DE

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[54] **FUEL CELL ASSEMBLY HAVING EMBOSSSED SEPARATOR PLATES**

[54] **PILE DE CELLULES A COMBUSTIBLE**

[72] SUGIURA, SEIJI, JP
[72] SAKANO, MASAOKI, JP
[72] ODA, MASARU, JP
[72] WATANABE, YASUHIRO, JP
[73] HONDA MOTOR CO., LTD., JP

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[54] **TONDEUSE A CYLINDRE**

[72] GOMAN, GERALD E., US
[72] GALEWSKI, RICKY A., US
[72] LEGAULT, TODD P., US
[72] PATTON, ROBERT D., US
[72] WHITMAN, NEIL R., US
[72] LAMUSGA, GARY R., US
[72] WOOCK, RODNEY W., US
[73] THE TORO COMPANY, US

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[54] **BIO-THREAT ALERT SYSTEM**

[54] **SYSTEME D'AVERTISSEMENT DE MENACE BIOLOGIQUE**

[72] DUPOTEAU, FRANCOIS, CA
[73] FIO CORPORATION, CA

[85] 2010-12-22
[86] 2009-06-25 (PCT/CA2009/000882)
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[30] US (61/093,036) 2008-08-29
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[25] EN

[54] **DEVICE AND METHOD FOR CONTROLLING THE FUEL-AIR RATIO DURING THE COMBUSTION OF GROUND COAL IN A FIRING SYSTEM OF A COAL-FIRED POWER PLANT**

[54] **DISPOSITIF ET PROCEDE DE REGULATION DU RAPPORT AIR-COMBUSTIBLE LORS DE LA COMBUSTION DE CHARBON BROYE DANS UNE INSTALLATION DE COMBUSTION D'UNE CENTRALE AU CHARBON**

[72] CONRADS, HANS GEORG, DE
[72] HALM, ALEXANDER, DE
[73] PROMECON PROZESS- UND MESSTECHNIK CONRADS GMBH, DE

[85] 2011-01-25
[86] 2009-06-24 (PCT/DE2009/000875)
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[54] **CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **TRANSMISSION A CHANGEMENT DE VITESSES CONTINU**

[72] MILLER, DONALD C., US
[73] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US

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[62] 2,707,702
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[71] WISPLITE TECHNOLOGY GROUP INCORPORATED, CA
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[54] **CONVERSION D'UNE POMPE CENTRIFUGE EN POMPE CENTRIPETE AUTO-AMORCABLE**
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[72] VACHON, DANIEL, CA
[71] DARVEAU, DENIS, CA
[71] VACHON, DANIEL, CA
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[41] 2013-02-16

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[54] **APPROVISIONNEMENT EN AIR FROID**
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[71] HUNTER, MATTHEW F., CA
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[41] 2013-02-10

[21] **2,751,932**
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[54] **DISPOSITIF POUR FILTRER ET SEPARER DES MILIEUX EN ECOULEMENT**
[72] ARBEITER, UDO, DE
[71] TIG AUTOMATION GMBH, DE
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[41] 2013-02-15
[30] EP (11 006 673.5) 2011-08-15

[21] **2,752,297**
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[25] EN
[54] **PAN HAVING SECURED THERETO ROASTING MATERIALS**
[54] **ROTISSOIRE DOTEE D'ACCESSOIRES DE ROTISSERIE**
[72] SARNOFF, NORTON, US
[72] SARNOFF, DAVID, US
[72] PATEL, RAJ, US
[71] HANDI-FOIL CORPORATION, US
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[41] 2013-02-12
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[21] **2,755,715**
[13] A1

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[54] **AGENTS HYPERTENSEURS**
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[72] FURUUCHI, RYO, JP
[72] YOKOYAMA, TADAYUKI, JP
[71] BOURBON CORPORATION, JP
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[41] 2013-02-10
[30] JP (2011-175243) 2011-08-10

[21] **2,755,843**
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[25] EN
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[54] **ISOLANT POUR MACONNERIE ET CONNECTEUR DE PAREMENT**
[72] CHAUNCEY, JAMES RUSSELL, US
[71] CHAUNCEY, JAMES RUSSELL, US
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[30] US (13/209,915) 2011-08-15

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[13] A1

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[54] **PANNEAU STRATIFIE ET PRODUIT DE MOUSSE ET METHODE DE FABRICATION**
[72] YEH, TZONG IN, US
[71] YEH, TZONG IN, US
[22] 2011-12-15
[41] 2013-02-10
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[54] **SOFFIT VENTING SYSTEM**
[54] **SYSTEME DE VENTILATION DES SOFFITES**
[72] LETTS, DENNIS, CA
[72] LETTS, DEAN, CA
[71] LETTS, DENNIS, CA
[71] LETTS, DEAN, CA
[22] 2012-01-03
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[25] EN
[54] **BAR SOAP HOLDER HAVING SELF-CLEANING CHARACTERISTICS**
[54] **PORTE-SAVON AYANT DES CARACTERISTIQUES AUTONETTOYANTES**
[72] PIXLEY, HENRY D., US
[71] PIXLEY, HENRY D., US
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[13] A1

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[25] EN
[54] **APPARATUS FOR TREATING WASTEWATER**
[54] **APPAREIL DE TRAITEMENT DES EAUX USEES**
[72] CHOI, HONG BOK, KR
[71] ECODAYS CO., LTD., KR
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[41] 2013-02-12
[30] KR (10-2011-80723) 2011-08-12

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[13] A1

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[25] EN
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[54] **LAME DE BERME DE LABOURAGE POUR ACCESSOIRE AGRAIRE DE LABOURAGE**
[72] KNOBLOCH, DEAN A., US
[72] SCHMIDT, RODNEY L., US
[71] CNH AMERICA LLC, US
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[13] A1

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[25] EN
[54] **TRACK ASSEMBLY FOR IRRIGATION SYSTEMS**
[54] **ENSEMBLE DE RAILS POUR SYSTEMES D'IRRIGATION**
[72] KORUS, THOMAS J., US
[71] LINDSAY CORPORATION, US
[22] 2012-04-23
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[30] US (13/211,164) 2011-08-16

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[13] A1

[51] **Int.Cl. H01R 4/66 (2006.01) H01R 4/22 (2006.01) H01R 4/36 (2006.01) H01R 4/60 (2006.01)**
[25] EN
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[54] **PONT DE MISE A LA TERRE INTERSYSTEME ET SYSTEME**
[72] SMITH, LAWRENCE J., US
[71] BRIDGEPORT FITTINGS, INC., US
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[13] A1

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[25] EN
[54] **LIQUID DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE LIQUIDE**
[72] MUFF, DAN, US
[71] MUFF, DAN, US
[22] 2012-05-02
[41] 2013-02-16
[30] US (13/136,961) 2011-08-16

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[13] A1

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[25] EN
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[54] **PISTOLET DE PERFORATION DE Puits ANTIROUILLE A SURFACES DE PREHENSION**
[72] KASH, EDWARD CANNOY, US
[72] KASH, JAMES EDWARD, US
[71] KASH, EDWARD CANNOY, US
[71] KASH, JAMES EDWARD, US
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[21] **2,778,681**
[13] A1

[51] **Int.Cl. H01R 4/18 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **FULL TENSION SWAGED CONNECTOR FOR REINFORCED CABLE**
[54] **CONNECTEUR EMBOUTI A PLEINE TENSION POUR CABLE RENFORCE**
[72] KHANSA, EYASS, US
[72] SOSA, LUIS, US
[71] DMC POWER, INC., US
[22] 2012-05-31
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[13] A1

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[54] **EVALUATION DE L'ETAT DE SANTE D'UN SYSTEME**
[72] HARRIS, PATRICK NEAL, US
[71] THE BOEING COMPANY, US
[22] 2012-06-20
[41] 2013-02-16
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[13] A1

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[25] EN
[54] **PRIORITIZING LOCAL AND NETWORK TRAFFIC**
[54] **PRIORISATION DU TRAFIC LOCAL ET RESEAU**
[72] BASTIAN, CHRIS, US
[72] CHERNAK, SAM, US
[72] HERSCOVICI, DAN, US
[72] WITKOWSKI, BRYAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2012-06-27
[41] 2013-02-16
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[13] A1

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[25] EN
[54] **REMOTE CONTROL OF A PORTABLE ELECTRONIC DEVICE AND METHOD THEREFOR**
[54] **TELECOMMANDE D'UN DISPOSITIF ELECTRONIQUE PORTABLE ET METHODE CONNEXE**
[72] BULGIN, SCOTT EDWARD, CA
[72] MCGINN, JOHN DOUGLAS, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[13] A1

[51] **Int.Cl. H05K 5/02 (2006.01) G06F 1/16 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **MOBILE ELECTRONIC DEVICE HAVING MEMBER ROTATABLE BETWEEN FIRST AND SECOND POSITIONS**
[54] **MOBILE ELECTRONIC DEVICE HAVING MEMBER ROTATABLE BETWEEN FIRST AND SECOND POSITIONS**
[72] GRIFFIN, JASON TYLER, CA
[72] REEVES, JAMES WILLIAM, GB
[72] RIDDIFORD, MARTIN PHILIP, GB
[71] RESEARCH IN MOTION LIMITED, CA
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[30] EP (11177125.9) 2011-08-10

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[13] A1

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[25] EN
[54] **MOBILE ELECTRONIC DEVICE HAVING AT LEAST THREE OPERATING CONFIGURATIONS**
[54] **DISPOSITIF ELECTRONIQUE MOBILE AYANT AU MOINS TROIS CONFIGURATIONS DE FONCTIONNEMENT**
[72] GRIFFIN, JASON TYLER, CA
[72] REEVES, JAMES WILLIAM, GB
[72] RIDDIFORD, MARTIN PHILIP, GB
[71] RESEARCH IN MOTION LIMITED, CA
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[41] 2013-02-10
[30] EP (11177100.2) 2011-08-10

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[13] A1

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[25] EN
[54] **THREE-DIMENSIONALLY MOLDED ELECTRONIC SUBSTRATE**
[54] **SUBSTRAT ELECTRONIQUE MOULE EN TROIS DIMENSION**
[72] HOLVERSON, ERIK ALAN, US
[72] FINNEY, BENJAMIN MICHAEL, US
[72] BALK, CODY ALLEN, US
[71] RESEARCH IN MOTION LIMITED, CA
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[41] 2013-02-11
[30] EP (11177272.9) 2011-08-11

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[13] A1

[51] **Int.Cl. F15D 1/10 (2006.01)**
[25] EN
[54] **VARIABLE CAMBER FLUID-DYNAMIC BODY UTILIZING OPTIMIZED SMART MATERIALS**
[54] **CORPS FLUIDE DYNAMIQUE A CAMBRURE VARIABLE UTILISANT DES MATERIAUX INTELLIGENTS OPTIMISES**
[72] SHOME, MOUSHUMI, US
[72] CALKINS, FREDERICK T., US
[72] MABE, JAMES HENRY, US
[72] GRIMSHAW, MATTHEW TODD, US
[71] THE BOEING COMPANY, US
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[41] 2013-02-16
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[13] A1

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[54] **PRESSURE INFLUENCING ASSEMBLY FOR AN AIRCRAFT AUXILIARY SYSTEM**
[54] **DISPOSITIF DE PRESSION POUR UN SYSTEME AUXILIAIRE D'AERONEF**
[72] NAGER, ERIC ANDREW, US
[72] JONES, ANTHONY C., US
[72] HAGSHENAS, BEHZAD, US
[72] THAYALAKHANDAN, NAGAMANY, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
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[25] EN
[54] **APPARATUS AND METHODS FOR MOVING AN INPUT INTERFACE RELATIVE TO A DISPLAY OF AN ELECTRONIC DEVICE**
[54] **APPAREIL ET METHODES POUR DEPLACER UNE INTERFACE D'ENTREE PAR RAPPORT A L'AFFICHAGE D'UN DISPOSITIF ELECTRONIQUE**
[72] PEGG, ALBERT MURRAY, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-07-12
[41] 2013-02-16
[30] EP (11177635.7) 2011-08-16

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[13] A1

[51] **Int.Cl. B32B 3/08 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **VERTICAL LAMINATE NOODLE FOR HIGH CAPACITY PULL-OFF FOR A COMPOSITE STRINGER**
[54] **FIBRE LAMINEE VERTICALE POUR RETRAIT HAUTE CAPACITE D'UN ELEMENT COMPOSITE LISSE**
[72] KAMARAJ, MALMURUGAN, US
[72] MATHESON, DONALD PAUL, US
[71] THE BOEING COMPANY, US
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[21] **2,783,265**
[13] A1

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[25] EN
[54] **3D TUNNEL REPRESENTATION**
[54] **PRESENTATION DE TUNNEL 3D**
[72] SAMOKHIN, VIKTOR, UA
[72] IVANOV, VLADIMIR, DE
[72] FISCHER, MARTIN, DE
[72] SPINDLER, CARSTEN-CHRISTIAN, DE
[72] MITRAKIS, STAVROS, DE
[71] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
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[13] A1

[51] **Int.Cl. G06K 9/32 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMPENSATING FOR MOTION RELATIVE TO A BARCODE**
[54] **SYSTEME ET METHODE POUR COMPENSER LE MOUVEMENT PAR RAPPORT A UN CODE A BARRES**
[72] ZOLOTOV, SERGUEI, CA
[71] PSION INC., CA
[22] 2012-07-17
[41] 2013-02-15
[30] US (13/209486) 2011-08-15

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[13] A1

[51] **Int.Cl. H01H 71/04 (2006.01) H01H 71/66 (2006.01)**
[25] EN
[54] **RECLOSER POSITION INDICATOR**
[54] **INDICATEUR DE POSITION DE FERMETURE**
[72] BINDICS, CHARLES, US
[72] AYALA, WILLIAM, III, US
[72] REED, GEOFFREY, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2012-07-17
[41] 2013-02-12
[30] US (61/522,737) 2011-08-12
[30] US (13/545,322) 2012-07-10

[21] **2,783,325**
[13] A1

[51] **Int.Cl. F24H 9/20 (2006.01) F24H 11/00 (2006.01) F24H 3/00 (2006.01)**
[25] EN
[54] **A FURNACE, A HIGH FIRE IGNITION METHOD FOR STARTING A FURNACE AND A FURNACE CONTROLLER CONFIGURED FOR THE SAME**
[54] **UNE CHAUDIERE, UNE METHODE D'ALLUMAGE POUR DEMARRER UNE CHAUDIERE ET SON DISPOSITIF DE CONTROLE**
[72] KOWALD, GLENN W., US
[72] PALLER, HANS J., US
[71] LENNOX INDUSTRIES, INC., US
[22] 2012-07-19
[41] 2013-02-12
[30] US (13/208,918) 2011-08-12

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[13] A1

[51] **Int.Cl. H04W 4/16 (2009.01) H04W 4/12 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO SEND VOICE MESSAGES**
[54] **METHODES ET APPAREIL POUR ENVOYER DES MESSAGES VOCAUX**
[72] BALANNIK, VADIM, US
[72] ELLIS, PATRICK DELL, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-07-24
[41] 2013-02-10
[30] US (13/207,193) 2011-08-10
[30] US (13/328,560) 2011-12-16

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[13] A1

[51] **Int.Cl. H04W 76/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS TO CONTROL HSDPA ACTIVATION/DE-ACTIVATION**
[54] **METHODE ET APPAREIL POUR CONTROLER L'ACTIVATION/DESACTIVATION DE L'ACCES AU PAQUET DESCENDANT HAUTE VITESSE**
[72] EKICI, OZGUR, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-07-24
[41] 2013-02-10
[30] EP (11177133.3) 2011-08-10

[21] **2,783,417**
[13] A1

[51] **Int.Cl. F16H 33/02 (2006.01) A01G 3/053 (2006.01) F16F 15/315 (2006.01)**
[25] EN
[54] **A DRIVE TRAIN FOR A HEDGE TRIMMER, A HEDGE TRIMMER AND A METHOD OF CONTROLLING A HEDGE TRIMMER**
[54] **ENTRAINEMENT POUR COUPE-HAIE, COUPE-HAIE ET METHODE DE COMMANDE DE COUPE-HAIE**
[72] BARKER, DAVID, GB
[71] BLACK & DECKER INC., US
[22] 2012-07-20
[41] 2013-02-16
[30] EP (11177674.6) 2011-08-16

[21] **2,783,461**
[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01)**
[25] EN
[54] **PASSENGER SERVICE UNIT**
[54] **MODULE DE SERVICE POUR PASSAGER**
[72] RITTNER, WOLFGANG, DE
[72] MECKES, RUEDIGER, DE
[72] WEINMANN, HASSO, DE
[72] BOOMGAARDEN, GUENTER, DE
[71] INTERTECHNIQUE, FR
[22] 2012-07-20
[41] 2013-02-12
[30] EP (11 177 493.1) 2011-08-12

[21] **2,783,464**
[13] A1

[51] **Int.Cl. A63H 11/00 (2006.01) A63H 3/00 (2006.01) A63H 3/36 (2006.01) A63H 5/00 (2006.01) A63H 13/00 (2006.01)**
[25] EN
[54] **OPERABLE TOY**
[54] **JOUET ACTIVE**
[72] MATSUNO, SHOTARO, JP
[71] BANDAI CO., LTD., JP
[22] 2012-07-24
[41] 2013-02-12
[30] JP (2011-177239) 2011-08-12

[21] **2,783,477**
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) H04W 4/16 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO SEND VOICE MESSAGES**
[54] **METHODES ET APPAREIL POUR ENVOYER DES MESSAGES VOCAUX**
[72] BALANNIK, VADIM, US
[72] ELLIS, PATRICK DELL, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-07-24
[41] 2013-02-10
[30] EP (11177105.1) 2011-08-10

[21] **2,783,526**
[13] A1

[51] **Int.Cl. C10M 159/12 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITIONS CONTAINING A FUNCTIONALIZED DISPERSANT**
[54] **COMPOSITIONS LUBRIFIANTES CONTENANT UN DISPERSANT FONCTIONNALISE**
[72] MATHUR, NARESH, US
[72] LAGONA, JASON A., US
[71] AFTON CHEMICAL CORPORATION, US
[22] 2012-07-18
[41] 2013-02-11
[30] US (61/522,276) 2011-08-11
[30] US (61/532,129) 2011-09-08
[30] US (13/549,697) 2012-07-16

[21] **2,783,645**
[13] A1

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[25] FR
[54] **AGRICULTURAL IMPLEMENT WITH ADAPTED WHEELS AND ROLLERS**
[54] **MACHINE AGRICOLE A ROUE ET ROULEAU ADAPTES**
[72] PHELY, OLIVIER, FR
[72] PIOUS, DENIS, FR
[71] OTICO, FR
[22] 2012-07-18
[41] 2013-02-12
[30] FR (11 02 513) 2011-08-12

[21] **2,783,792**
[13] A1

[51] **Int.Cl. B32B 5/32 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **EXPANDED LAMINATE**
[54] **STRATIFIE EXPANSE**
[72] YEH, TZONG IN, US
[71] YEH, TZONG IN, US
[22] 2012-07-24
[41] 2013-02-10
[30] TW (100128451) 2011-08-10

[21] **2,784,191**
[13] A1

[51] **Int.Cl. B62D 63/06 (2006.01) B60P 3/42 (2006.01)**
[25] EN
[54] **COLLAPSIBLE HITCHED TRAILER**
[54] **ATTACHE DE REMORQUE PLIABLE**
[72] BERNARD, RENE, CA
[71] BERNARD, RENE, CA
[22] 2012-07-26
[41] 2013-02-11
[30] GB (1113855.9) 2011-08-11

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[21] **2,784,391**
[13] A1

[51] **Int.Cl. H04N 5/44 (2011.01) H04W 88/06 (2009.01) H04N 21/414 (2011.01)**
[25] EN
[54] **MOBILE TV SIDE-LOADING QUALITY INDICATOR**
[54] **INDICATEUR DE QUALITE A CHARGEMENT LATERAL POUR TELEVISION MOBILE**
[72] HYMEL, JAMES ALLEN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-08-03
[41] 2013-02-16
[30] EP (11177664.7) 2011-08-16

[21] **2,784,397**
[13] A1

[51] **Int.Cl. G02B 27/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A VIRTUAL TERRAIN DISPLAY**
[54] **SYSTEMES ET METHODES D'AFFICHAGE DE TERRAIN VIRTUEL**
[72] DEMERS, ROBERT E., US
[72] MEAD, STEPHEN, US
[72] LANCASTER, JEFF, US
[71] HONEYWELL INTERNATIONAL, INC., US
[22] 2012-07-31
[41] 2013-02-10
[30] US (13/207,010) 2011-08-10

[21] **2,784,422**
[13] A1

[51] **Int.Cl. F23R 7/00 (2006.01)**
[25] EN
[54] **PULSE DETONATION COMBUSTOR WITH PLENUM**
[54] **CHAMBRE DE COMBUSTION A DETONATIONS PULSEES AVEC VIDE**
[72] RASHEED, ADAM, US
[72] TANGIRALA, VENKAT, US
[72] JOSHI, NARENDRA, US
[72] KENYON, ROSS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-08-02
[41] 2013-02-16
[30] US (13/210,603) 2011-08-16

[21] **2,784,460**
[13] A1

[51] **Int.Cl. H04H 20/57 (2009.01) H04H 60/27 (2009.01) H04W 88/06 (2009.01) H04N 5/44 (2011.01) H04H 40/09 (2009.01)**
[25] EN
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR PROVIDING MEDIA IN A RADIO COMMUNICATION SYSTEM**
[54] **APPAREIL ET METHODE ASSOCIEE POUR FOURNIR UN SUPPORT DANS UN SYSTEME DE COMMUNICATION RADIO**
[72] HYMEL, JAMES ALLEN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-08-03
[41] 2013-02-12
[30] EP (11177447.7) 2011-08-12

[21] **2,784,534**
[13] A1

[51] **Int.Cl. B61F 5/30 (2006.01)**
[25] EN
[54] **WHEEL CARRIER ARTICULATION FOR A RAIL VEHICLE**
[54] **ARTICULATION DE PORTE-ROUE POUR VEHICULE SUR RAILS**
[72] BIEKER, GUIDO, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[22] 2012-08-02
[41] 2013-02-12
[30] DE (10 2011 110 090.7) 2011-08-12

[21] **2,784,540**
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) G06Q 10/10 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A FUNCTION OF AN ELECTRONIC DEVICE THROUGH A NETWORK**
[54] **SYSTEME ET METHODE DE CONTROLE D'UNE FONCTION D'UN APPAREIL ELECTRIQUE A PARTIR D'UN RESEAU**
[72] TRUKOVSKY, ALEXANDER, CA
[72] GANDHI, SHIVANGI ANANTRUPA, CA
[72] ZHANG, LEI, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-08-02
[41] 2013-02-12
[30] EP (11177388.3) 2011-08-12

[21] **2,784,548**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR SCHEDULING DEMAND EVENTS**
[54] **METHODE, SYSTEME ET PROGRAMME INFORMATIQUE POUR ORGANISER DES EVENEMENTS A DEMANDE**
[72] MASSEY, JERRY STEVEN, US
[72] SCHMID, JAMES JOSEPH, US
[72] MEYERHOFER, MARK JOSEPH, US
[72] WILSON, BOBBY ANTIONE, US
[72] SIERRA, JAIME ALBERTO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-08-02
[41] 2013-02-16
[30] US (13/210,614) 2011-08-16

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[21] **2,784,651**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 88/16 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD IN A WIRELESS DEVICE FOR REESTABLISHING A CALL**
[54] **APPAREIL ET METHODE D'UN DISPOSITIF SANS FIL POUR REETABLIR UNE COMMUNICATION**
[72] PATINO, JOSEPH, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-08-03
[41] 2013-02-12
[30] US (13/208,521) 2011-08-12

[21] **2,784,660**
[13] A1

[51] **Int.Cl. F02C 7/24 (2006.01) F02C 3/14 (2006.01) F23R 3/02 (2006.01)**
[25] EN
[54] **ACOUSTIC DAMPENING DEVICE FOR USE IN GAS TURBINE ENGINE**
[54] **DISPOSITIF D'ATTENUATION ACOUSTIQUE POUR MOTEUR A TURBINE A GAZ**
[72] WANG, SHANWU, US
[72] MUELLER, MARK ANTHONY, US
[72] HAN, FEI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-08-02
[41] 2013-02-10
[30] US (13/207,074) 2011-08-10

[21] **2,784,853**
[13] A1

[51] **Int.Cl. A61K 31/165 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01)**
[25] FR
[54] **SOLID PHARMACEUTICAL COMPOUND FOR ORAL ADMINISTRATION OF AGOMELATINE**
[54] **COMPOSITION PHARMACEUTIQUE SOLIDE POUR ADMINISTRATION BUCCALE D'AGOMELATINE**
[72] THARRAULT, FRANCOIS, FR
[72] POIRIER, CECILE, FR
[72] FONKNECHTEN, GILLES, FR
[72] PEAN, JEAN-MANUEL, FR
[71] LES LABORATOIRES SERVIER, FR
[22] 2012-08-01
[41] 2013-02-10
[30] FR (11/02500) 2011-08-10

[21] **2,784,898**
[13] A1

[51] **Int.Cl. A01N 43/653 (2006.01) A01N 43/54 (2006.01) A01N 43/88 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PLANT TREATMENT**
[54] **TRAITEMENT POUR PLANTES**
[72] HELIE, NORMAN J., US
[71] HELIE, NORMAN J., US
[22] 2012-08-06
[41] 2013-02-15
[30] US (61523773) 2011-08-15
[30] US (61524619) 2011-08-17

[21] **2,785,095**
[13] A1

[51] **Int.Cl. E21B 25/00 (2006.01) E21B 27/00 (2006.01)**
[25] EN
[54] **HYDROCARBON FORMATION CORE PROTECTION AND TRANSPORTATION APPARATUS**
[54] **APPAREIL DE TRANSPORT ET DE PROTECTION D'ECHANTILLONS DE FORMATION D'HYDROCARBURE**
[72] GRATEROL, LEONARDO, VE
[72] RAMOS, JUAN, VE
[72] RENGIFO, RICHARD, AU
[72] QUERCIA, GEORGE, NL
[72] ROJAS, RICARDO, AU
[71] INTEVEP, S.A., VE
[22] 2012-08-08
[41] 2013-02-12
[30] US (13/208,928) 2011-08-12

[21] **2,785,106**
[13] A1

[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SCREEN PANEL FIXING SYSTEM AND METHODS**
[54] **SYSTEMES DE FIXATION DE PANNEAU ET METHODES**
[72] WOODGATE, RAYMOND
MAXWELL, AU
[72] WOODGATE, MARC RAYMOND, AU
[72] WALLER, DAVID CHARLES
ALEXANDER JAMES, AU
[71] LETTELA PTY LIMITED, AU
[22] 2012-08-09
[41] 2013-02-10
[30] AU (2011903208) 2011-08-10

[21] **2,785,140**
[13] A1

[51] **Int.Cl. H02K 1/22 (2006.01) H02K 3/50 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **ROTATING ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE ROTATIVE**
[72] CIFYILDIZ, SERDAR, CH
[72] SCHWERY, ALEXANDER, CH
[72] OKAI, RICARDO NAOKI, CH
[72] WALSER, HANSPETER, CH
[72] SCHMID, MATTHIAS, CH
[71] ALSTOM HYDRO FRANCE, FR
[22] 2012-08-08
[41] 2013-02-11
[30] DE (10 2011 109 953.4) 2011-08-11

[21] **2,785,155**
[13] A1

[51] **Int.Cl. A01G 3/053 (2006.01) H01B 7/24 (2006.01)**
[25] EN
[54] **SHEATH FOR ELECTRIC CABLE AND TRIMMER**
[54] **PROTECTEUR DE CABLE ELECTRIQUE ET COUPE-BORDURE**
[72] STRATFORD, MARK, GB
[71] BLACK & DECKER INC., US
[22] 2012-08-07
[41] 2013-02-11
[30] EP (11177213.3) 2011-08-11

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[21] **2,785,156**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H04L 12/28 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SMART GRID DEVICE DISPLAY CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONTROLE D'AFFICHAGE DE DISPOSITIF DE RESEAU ELECTRIQUE INTELLIGENT**
[72] SFAELOS, JIMMY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-08-09
[41] 2013-02-11
[30] US (13/207,686) 2011-08-11

[21] **2,785,206**
[13] A1

[51] **Int.Cl. C08G 18/24 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING TIN AND/OR ZINC SALTS OF RICINOLEIC ACID AND AT LEAST ONE FURTHER TIN CARBOXYLATE AND USE OF THE COMPOSITION IN THE PRODUCTION OF POLYURETHANE SYSTEMS**
[54] **COMPOSITION CONTENANT DES SELS D'ETAIN ET/OU DE ZINC D'ACIDE RICINOLEIQUE ET AU MOINS UN AUTRE CARBOXYLATE D'ETAIN ET UTILISATION DE LA COMPOSITION DANS LA PRODUCTION DE SYSTEMES DE POLYURETHANE**
[72] EMMRICH-SMOLCZYK, EVA, DE
[72] MODRO, HARALD, DE
[71] EVONIK GOLDSCHMIDT GMBH, DE
[22] 2012-08-09
[41] 2013-02-11
[30] DE (102011110016.8) 2011-08-11

[21] **2,785,252**
[13] A1

[51] **Int.Cl. G08G 1/017 (2006.01) B60R 99/00 (2009.01) H04N 21/43 (2011.01) H04N 7/18 (2006.01)**
[25] EN
[54] **AUTOMATED PROCESSING METHOD FOR BUS CROSSING ENFORCEMENT**
[54] **METHODE DE TRAITEMENT AUTOMATISE POUR RENFORCEMENT DE TRAVERSE DE BUS**
[72] BURRY, AARON M., US
[72] BALA, RAJA, US
[72] FAN, ZHIGANG, US
[71] XEROX CORPORATION, US
[22] 2012-08-09
[41] 2013-02-16
[30] US (13/210,447) 2011-08-16

[21] **2,785,272**
[13] A1

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01) B07B 11/00 (2006.01)**
[25] EN
[54] **PLATFORM AND LADDER INTERFACE FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **PLATEFORME ET INTERFACE D'ACCES POUR LES TAMIS VIBRANTS A PENTE VARIABLE**
[72] SCHIRM, PAYTON, US
[71] TEREX USA, LLC, US
[22] 2012-08-10
[41] 2013-02-10
[30] US (61/522,016) 2011-08-10
[30] US (13/570,001) 2012-08-08

[21] **2,785,275**
[13] A1

[51] **Int.Cl. A61G 7/14 (2006.01)**
[25] EN
[54] **PATIENT LIFT DEVICE**
[54] **DISPOSITIF DE SOULEVEMENT DE PATIENT**
[72] MARTIN, WILLIS E., US
[72] BARR, RODNEY, US
[71] AMERICAN SLING AND LIFT COMPANY, LLC, US
[22] 2012-08-10
[41] 2013-02-12
[30] US (13/208,467) 2011-08-12

[21] **2,785,277**
[13] A1

[51] **Int.Cl. E04B 9/00 (2006.01) F21S 8/02 (2006.01) F21V 21/04 (2006.01)**
[25] EN
[54] **CEILING SUPPORT SYSTEM AND APPARATUS**
[54] **SYSTEME DE SUPPORT DE PLAFOND ET APPAREIL**
[72] GAGNE, JEAN-GUY, CA
[72] ROGERS, JAMES W., CA
[71] BRAINWAVE RESEARCH CORPORATION, CA
[22] 2012-08-10
[41] 2013-02-11
[30] US (61/522,475) 2011-08-11
[30] US (13/363,380) 2012-07-31

[21] **2,785,310**
[13] A1

[51] **Int.Cl. B65H 45/14 (2006.01) B65H 39/00 (2006.01)**
[25] EN
[54] **A DEVICE AND METHOD FOR PROCESSING SHEETS OF PAPER OR OF ANOTHER FLEXIBLE MATERIAL**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT DE FEUILLES DE PAPIER OU D'UN AUTRE MATERIAU FLEXIBLE**
[72] INFANGER, RUDOLF, CH
[71] FERAG AG, CH
[22] 2012-08-14
[41] 2013-02-15
[30] CH (01339/11) 2011-08-15

[21] **2,785,363**
[13] A1

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01) B07B 11/00 (2006.01)**
[25] EN
[54] **SCREEN LIFT MECHANISM FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **MECANISME DE SOULEVEMENT DE TAMIS POUR LES TAMIS VIBRANTS A PENTE VARIABLE**
[72] SCHIRM, PAYTON, US
[72] YOUNG, GREGORY, US
[71] TEREX USA, LLC, US
[22] 2012-08-10
[41] 2013-02-10
[30] US (61/522,016) 2011-08-10
[30] US (13/570,009) 2012-08-08

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[21] **2,785,367**
[13] A1

[51] **Int.Cl. G01R 15/00 (2006.01) H02M 5/00 (2006.01)**
[25] EN
[54] **VOLTAGE-MODIFYING DEVICE FOR ELECTRIC METER**
[54] **DISPOSITIF DE MODIFICATION DE LA TENSION POUR COMPTEUR ELECTRIQUE**
[72] ROUAUD, DIDIER GILBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-08-09
[41] 2013-02-16
[30] US (13/210,499) 2011-08-16

[21] **2,785,370**
[13] A1

[51] **Int.Cl. G01D 4/02 (2006.01) H04W 84/18 (2009.01) H02J 13/00 (2006.01)**
[25] EN
[54] **METER ACCESS MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'ACCES A UN COMPTEUR**
[72] MCKEOWN, JEREMY JAMES, US
[72] JHANG, HYOUNG, US
[72] SAMPSON, DAVID FREDERICK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-08-09
[41] 2013-02-16
[30] US (13/210,501) 2011-08-16

[21] **2,785,379**
[13] A1

[51] **Int.Cl. G06F 21/32 (2013.01) G07C 11/00 (2006.01)**
[25] EN
[54] **METHOD OF HOST-DIRECTED ILLUMINATION AND SYSTEM FOR CONDUCTING HOST-DIRECTED ILLUMINATION**
[54] **METHODE D'ILLUMINATION DIRIGEE PAR L'HOTE ET SYSTEME POUR PROCEDER A UNE ILLUMINATION DIRIGEE PAR L'HOTE**
[72] LANGLEY, RICHARD JAY, US
[72] PEIRCE, MICHAEL, IE
[72] SEZILLE, NICOLAS JACQUES JEAN, IE
[71] DAON HOLDINGS LIMITED, KY
[22] 2012-08-10
[41] 2013-02-15
[30] US (13/209,663) 2011-08-15

[21] **2,785,383**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND/OR METHODS FOR IMPLEMENTING A CUSTOMER SAVINGS MERIT PROGRAM**
[54] **SYSTEMES ET/OU METHODES DE MISE EN PLACE D'UN PROGRAMME CLIENT DE RECOMPENSES**
[72] JUNGER, PETER J., US
[72] SECRETO, KRISTIN, US
[71] NINTENDO OF AMERICA INC., US
[22] 2012-08-10
[41] 2013-02-12
[30] US (61/522,966) 2011-08-12

[21] **2,785,386**
[13] A1

[51] **Int.Cl. H02K 3/50 (2006.01)**
[25] EN
[54] **ROTATING ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE ROTATIVE**
[72] CIFYILDIZ, SERDAR, CH
[72] SCHWERY, ALEXANDER, CH
[72] OKAI, RICARDO NAOKI, CH
[72] WALSER, HANSPETER, CH
[72] SCHMID, MATTHIAS, CH
[71] ALSTOM HYDRO FRANCE, FR
[22] 2012-08-10
[41] 2013-02-11
[30] DE (10 2011 109 952.6) 2011-08-11

[21] **2,785,392**
[13] A1

[51] **Int.Cl. G01N 1/44 (2006.01) G01N 21/75 (2006.01) G01N 27/416 (2006.01) G01N 33/18 (2006.01) C02F 1/32 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING A CONCENTRATION OF CHLORATE-IONS IN AN AQUEOUS SOLUTION, APPARATUS FOR DETECTING A CONCENTRATION OF CHLORATE-IONS AND CONTROL UNIT**
[54] **METHODE DE DETECTION D'UNE CONCENTRATION D'IONS DE CHLORATE DANS UNE SOLUTION AQUEUSE, APPAREIL DE DETECTION D'UNE CONCENTRATION D'IONS DE CHLORATE ET MODULE DE CONTROLE**
[72] SICHEL, COSIMA, DE
[72] STEIN, JOHANNES, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2012-08-10
[41] 2013-02-12
[30] EP (11177346.1) 2011-08-12

[21] **2,785,401**
[13] A1

[51] **Int.Cl. H02K 1/27 (2006.01)**
[25] EN
[54] **PERMANENT MAGNET ROTOR AND MOTOR COMPRISING THE SAME**
[54] **ROTOR A AIMANT PERMANENT ET MOTEUR COMPRENANT UN TEL ROTOR**
[72] PAN, MINGPAN, CN
[71] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD, CN
[22] 2012-08-13
[41] 2013-02-11
[30] CN (201120290991.3) 2011-08-11
[30] CN (201120398810.9) 2011-10-19

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[21] **2,785,420**
[13] A1

[51] **Int.Cl. A01M 29/12 (2011.01) A01N 65/08 (2009.01) A01N 25/18 (2006.01) A01N 59/00 (2006.01) A01N 63/02 (2006.01) A01P 17/00 (2006.01)**

[25] EN
[54] **PEST DETERRENT DEVICE**
[54] **DISPOSITIF D'ELOIGNEMENT DES NUISIBLES**

[72] DOWNER, OPAL, CA
[71] DOWNER, OPAL, CA
[22] 2012-08-10
[41] 2013-02-11
[30] US (61/522,519) 2011-08-11

[21] **2,785,424**
[13] A1

[51] **Int.Cl. B29B 11/14 (2006.01)**

[25] EN
[54] **PREFORM WITH INSERT RING, CONTAINER, AND METHOD**
[54] **PREFORME DOTEE D'UNE BAGUE, CONTENEUR ET METHODE**

[72] PEDMO, MARC A., US
[72] MCINTIRE, ROBERT A., US
[71] PLASTIPAK PACKAGING, INC., US
[22] 2012-08-10
[41] 2013-02-12
[30] US (61/522,964) 2011-08-12

[21] **2,785,426**
[13] A1

[51] **Int.Cl. F16L 11/112 (2006.01) B29C 70/24 (2006.01) F16L 11/08 (2006.01) F16L 11/15 (2006.01) F16L 11/20 (2006.01)**

[25] EN
[54] **REINFORCED FLEXIBLE TUBING AND METHOD OF MAKING SAME**
[54] **TUBE SOUPLE RENFORCE ET METHODE DE FABRICATION**

[72] KRAMER, VANCE M., JR., US
[72] RODEBAUGH, JONATHAN O., US
[71] CRUSHPROOF TUBING COMPANY, US
[22] 2012-08-10
[41] 2013-02-12
[30] US (13/208,936) 2011-08-12

[21] **2,785,435**
[13] A1

[51] **Int.Cl. F16L 59/12 (2006.01) E04F 13/075 (2006.01) E04F 13/21 (2006.01) F16B 5/00 (2006.01) F16B 5/06 (2006.01) F16L 59/02 (2006.01)**

[25] EN
[54] **ATTACHMENT MEMBER FOR INSULATION PANEL**
[54] **ELEMENT DE FIXATION POUR PANNEAU ISOLANT**

[72] HOLT, JOHN TIMOTHY, US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
[22] 2012-08-09
[41] 2013-02-12
[30] US (61/523,084) 2011-08-12
[30] US (61/569,382) 2011-12-12
[30] US (61/569,396) 2011-12-12

[21] **2,785,443**
[13] A1

[51] **Int.Cl. B26D 7/26 (2006.01) F25C 5/00 (2006.01)**

[25] EN
[54] **APPARATUS FOR REPLACING OR CHANGING A SHAVING BLADE SECURED TO A BLADE HOLDER OF AN ICE RESURFACING MACHINE**
[54] **APPAREIL POUR REMPLACER OU CHANGER UNE LAME DE RESURFACAGE FIXEE A UN SUPPORT DE LAME D'UNE MACHINE DE RESURFACAGE DE GLACE**

[72] HOFFMANN, MICHAEL, DE
[71] HOFFMANN, MICHAEL, DE
[22] 2012-08-10
[41] 2013-02-10
[30] DE (10 2011 052 544.0) 2011-08-10

[21] **2,785,450**
[13] A1

[51] **Int.Cl. B42D 7/00 (2006.01) B42D 1/00 (2006.01) B42D 15/00 (2006.01)**

[25] EN
[54] **PRINT PUBLICATION, OF THE NEWSPAPER, DAILY, MAGAZINE OR PERIODICAL TYPE, CONTAINING EXTRACTABLE INSERTS**
[54] **IMPRESSION DE PUBLICATION, JOURNAUX, QUOTIDIENS, MAGAZINE OU PERIODIQUES CONTENANT DES ENCARTS AMOVIBLES**

[72] BALLESTRAZZI, ARIS, IT
[72] TASSI, LAMBERTO, IT
[71] SITMA MACHINERY S.P.A., IT
[22] 2012-08-10
[41] 2013-02-10
[30] IT (M12011U 000275) 2011-08-10

[21] **2,785,457**
[13] A1

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01) B07B 11/00 (2006.01)**

[25] EN
[54] **CONVEYOR SUPPORT MECHANISM FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **MECANISME DE SUPPORT DE CONVOYEUR POUR LES TAMIS VIBRANTS A PENTE VARIABLE**

[72] CARTER, REX, US
[71] TEREX USA, LLC, US
[22] 2012-08-10
[41] 2013-02-10
[30] US (61/522,016) 2011-08-10
[30] US (13/569,726) 2012-08-08

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[21] **2,785,474**
[13] A1

[51] **Int.Cl. C08G 18/22 (2006.01) C08G 18/66 (2006.01) C08G 18/72 (2006.01) C08J 9/00 (2006.01)**

[25] EN

[54] **FORMULATION CONTAINING TIN AND/OR ZINC SALTS OR RICINOLEIC ACID, UREA, POLYETHYLENE GLYCOL AND SUGAR ALCOHOL AND USE OF THE FORMULATION IN THE PRODUCTION OF POLYURETHANE SYSTEMS**

[54] **FORMULATION CONTENANT DES SELS D'ETAIN ET/OU DE ZINC OU DE L'ACIDE RICINOLEIQUE, DE L'UREE, DU GLYCOL POLYETHYLENE ET DE L'ALCOOL DE SUCRE ET UTILISATION DE LA FORMULATION DANS LA PRODUCTION DE SYSTEMES DE POLYURETHANE**

[72] EMMRICH-SMOLCZYK, EVA, DE
[72] MODRO, HARALD, DE
[71] EVONIK GOLDSCHMIDT GMBH, DE

[22] 2012-08-09
[41] 2013-02-11
[30] DE (102011110020.6) 2011-08-11

[21] **2,785,475**
[13] A1

[51] **Int.Cl. C08G 77/388 (2006.01) C11D 3/37 (2006.01) C11D 7/22 (2006.01) D06M 15/643 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING POLYSILOXANES WITH NITROGEN-CONTAINING GROUPS**

[54] **PROCEDE DE PRODUCTION DE POLYSILOXANES AYANT DES GROUPES AZOTES**

[72] HENNING, FRAUKE, DE
[72] LOHSE, ANDREA, DE
[72] MAHRING, ULRIKE, DE
[72] KUPPERT, DIRK, DE
[71] EVONIK GOLDSCHMIDT GMBH, DE

[22] 2012-08-09
[41] 2013-02-12
[30] DE (102011110100.8) 2011-08-12

[21] **2,785,548**
[13] A1

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01) B07B 13/04 (2006.01)**

[25] EN

[54] **MOBILE MODULAR SCREEN PLANT WITH HORIZONTAL AND VARIABLE OPERATING ANGLES**

[54] **ECRAN VIBRANT MOBILE A ANGLES DE FONCTIONNEMENT VARIABLES ET HORIZONTAUX**

[72] SCHIRM, PAYTON, US
[72] YOUNG, GREGORY, US
[71] TEREX USA, LLC, US

[22] 2012-08-10
[41] 2013-02-10
[30] US (61/522,016) 2011-08-10
[30] US (13/570,017) 2012-08-08

[21] **2,785,551**
[13] A1

[51] **Int.Cl. B07B 13/16 (2006.01) B07B 1/28 (2006.01) B07B 1/46 (2006.01)**

[25] EN

[54] **FINES SCALPING CHUTE FOR VARIABLE SLOPE VIBRATING SCREENS**

[54] **CHUTE DE DECOUPAGE DE RESIDUS POUR ECRANS VIBRANTS A PENTE VARIABLE**

[72] IRWIN, KENNETH, US
[72] REED, CHRISTOPHER, US
[71] TEREX USA, LLC, US

[22] 2012-08-10
[41] 2013-02-10
[30] US (61/522,016) 2011-08-10
[30] US (13/569,878) 2012-08-08

[21] **2,785,554**
[13] A1

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01)**

[25] EN

[54] **CONVEYOR JACKSHAFT FOR VARIABLE SLOPE VIBRATING SCREENS**

[54] **ARBRE SECONDAIRE DE CONVOYEUR POUR ECRANS VIBRANTS A PENTE VARIABLE**

[72] CARTER, REX, US
[71] TEREX USA, LLC, US

[22] 2012-08-10
[41] 2013-02-10
[30] US (61/522,016) 2011-08-10
[30] US (13/569,521) 2012-08-08

[21] **2,785,843**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/44 (2006.01)**

[25] EN

[54] **BEVERAGE FILTER CARTRIDGE**

[54] **CARTOUCHE DE FILTRE DE BOISSON**

[72] GOLDSTEIN, DAVID, US
[71] GOLDSTEIN, DAVID, US

[22] 2012-08-09
[41] 2013-02-10
[30] US (61/522.051) 2011-08-10

[21] **2,785,973**
[13] A1

[51] **Int.Cl. B25B 13/46 (2006.01) B25B 13/00 (2006.01)**

[25] EN

[54] **RATCHET-ACTION OPEN-END WRENCH**

[54] **CLE A EXTREMITE OUVERTE A CLIQUET**

[72] WU, ARTHUR, TW
[71] PROXENE TOOLS CO., LTD., TW

[22] 2012-08-09
[41] 2013-02-12
[30] TW (100128816) 2011-08-12

[21] **2,786,053**
[13] A1

[51] **Int.Cl. H01H 85/20 (2006.01)**

[25] EN

[54] **BREAKAWAY FUSE HOLDER**

[54] **SUPPORT DE FUSIBLE AMOVIBLE**

[72] BLAHA, WILLIAM E., US
[72] HIGGINS, MARK B., US
[71] IDEAL INDUSTRIES, INC., US

[22] 2012-08-08
[41] 2013-02-11
[30] US (13/208,149) 2011-08-11

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[21] **2,786,065**
[13] A1

[51] **Int.Cl. B01D 53/22 (2006.01)**
[25] EN
[54] **COMBINATION MEMBRANE SYSTEM FOR PRODUCING NITROGEN ENRICHED AIR**
[54] **SYSTEME DE MEMBRANES COMBINEES POUR PRODUIRE DE L'AIR ENRICHI EN AZOTE**
[72] MAJUMDAR, SUDIPTO, US
[72] PENNISI, KENNETH J., US
[72] STOOKEY, DONALD J., US
[71] CMS TECHNOLOGIES HOLDINGS, INC., US
[22] 2012-08-14
[41] 2013-02-15
[30] US (61/523,721) 2011-08-15

[21] **2,786,075**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME SATISFACTION SURVEY FEEDBACK**
[54] **SYSTEME ET METHODE DE RETROACTION DE SONDAGE DE SATISFACTION EN TEMPS REEL**
[72] SPIRES, COLLIN RICHARD, CA
[71] SPIRES, COLLIN RICHARD, CA
[22] 2012-08-10
[41] 2013-02-12
[30] US (61/523,141) 2011-08-12

[21] **2,786,093**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/00 (2006.01) A61G 12/00 (2006.01) A61M 5/00 (2006.01) A61M 5/172 (2006.01) A61M 16/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM WITH OPEN ARCHITECTURAL FRAMEWORK**
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT DOTE D'UN CADRE ARCHITECTURAL OUVERT**
[72] NIKLEWSKI, PAUL J., US
[72] MARTIN, JAMES F., US
[72] FENG, DAVID Q., US
[72] MACK, TODD J., US
[72] MUELLER, DONN C., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2012-08-14
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[30] US (13/210,507) 2011-08-16

[21] **2,786,096**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/00 (2006.01) A61G 12/00 (2006.01) A61M 5/00 (2006.01) A61M 5/172 (2006.01) A61M 16/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM WITH PROCEDURE STAGE BASED DELIVERY ADJUSTMENT**
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT AVEC REGLAGE DE DISTRIBUTION FONDE SUR L'ETAPE D'INTERVENTION**
[72] MARTIN, JAMES F., US
[72] NIKLEWSKI, PAUL J., US
[72] FOSTER, JEFFERY A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2012-08-14
[41] 2013-02-16
[30] US (13/210,540) 2011-08-16

[21] **2,786,098**
[13] A1

[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/431 (2011.01) H04N 5/272 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTE PRESENTATION PROVISION**
[54] **SYSTEME ET METHODE DE PRESENTATION A DISTANCE**
[72] BRATTON, VINCE G., US
[72] CORCORAN, CASEY C., US
[72] LEA, BRADLEY M., US
[72] LEVENSON, KEITH M., US
[72] STRAUB, JASON C., US
[71] LIGHTSPEED VT LLC, US
[22] 2012-08-13
[41] 2013-02-11
[30] US (13/208,097) 2011-08-11

[21] **2,786,103**
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR EXTRACTING BITUMEN AND DRYING THE TAILINGS**
[54] **PROCEDE D'EXTRACTION DE BITUME ET DE SECHAGE DE RESIDUS**
[72] JOSHI, MAHENDRA, US
[72] KIFT, JULIAN, US
[72] HOFFMAN, CHERISH M., US
[72] THOMPSON, WHIP C., US
[71] MARATHON OIL CANADA CORPORATION, CA
[22] 2012-08-13
[41] 2013-02-12
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[21] **2,786,106**
[13] A1

[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/22 (2006.01) C10G 1/04 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR IN-SITU EXTRACTION OF BITUMEN**

[54] **METHODES ET SYSTEMES D'EXTRACTION DE BITUME SUR PLACE**

[72] JOSHI, MAHENDRA, US

[72] KIFT, JULIAN, US

[71] MARATHON OIL CANADA CORPORATION, CA

[22] 2012-08-13

[41] 2013-02-12

[30] US (61/522,904) 2011-08-12

[21] **2,786,142**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/00 (2006.01) A61G 12/00 (2006.01) A61M 5/00 (2006.01) A61M 5/172 (2006.01) A61M 16/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **USER INTERFACE FEATURE FOR DRUG DELIVERY SYSTEM**

[54] **FONCTION D'INTERFACE UTILISATEUR POUR SYSTEME DE DISTRIBUTION DE MEDICAMENT**

[72] NIKLEWSKI, PAUL J., US

[72] MARTIN, JAMES F., US

[72] MUELLER, DONN C., US

[72] FENG, DAVID Q., US

[72] KROGH, ROSS G., US

[72] JAMPALA, HEMANT, IN

[71] ETHICON ENDO-SURGERY, INC., US

[22] 2012-08-14

[41] 2013-02-16

[30] US (13/210,530) 2011-08-16

[21] **2,786,160**
[13] A1

[51] **Int.Cl. B08B 9/04 (2006.01) F28G 1/06 (2006.01) F28G 15/02 (2006.01) F28G 15/04 (2006.01)**

[25] EN

[54] **APPARATUS, SYSTEM AND METHOD FOR CLEANING HEAT EXCHANGER TUBES**

[54] **APPAREIL, SYSTEME ET METHODE POUR NETTOYER LES TUBES D'UN ECHANGEUR DE CHALEUR**

[72] GROMES, TERRY D., SR., US

[71] TERYDON, INC., US

[22] 2012-08-14

[41] 2013-02-16

[30] US (61/524,127) 2011-08-16

[30] US (13/406,014) 2012-02-27

[21] **2,786,166**
[13] A1

[51] **Int.Cl. H01R 33/46 (2006.01) H01R 13/639 (2006.01) H02G 3/06 (2006.01)**

[25] EN

[54] **ELECTRICAL CONNECTOR**

[54] **CONNECTEUR ELECTRIQUE**

[72] HAYMAN, JEFF, CA

[72] MACGILLIVRAY, JEREMY, CA

[72] BAILEY, KEVIN, CA

[72] KIM, JOHN, CA

[71] GREEN-LIGHTS INC., CA

[22] 2012-08-15

[41] 2013-02-16

[30] US (61/524,283) 2011-08-16

[21] **2,786,184**
[13] A1

[51] **Int.Cl. F16M 13/02 (2006.01) A47B 21/04 (2006.01) B60R 11/02 (2006.01)**

[25] EN

[54] **DOUBLE DIN AUTOMOBILE MOUNT FOR TABLET COMPUTERS**

[54] **DISPOSITIF DOUBLE POUR TABLETTES INFORMATIQUES**

[72] PRATER, JEREMY CARL, US

[72] ALVES, KASIDY, US

[72] LOPEZ, ELEUTERIO TED, US

[71] SCOSCHE INDUSTRIES, INC., US

[22] 2012-08-16

[41] 2013-02-16

[30] US (61/524,240) 2011-08-16

[30] US (13/354,259) 2012-01-19

[21] **2,786,204**
[13] A1

[51] **Int.Cl. H02G 3/08 (2006.01) H05K 13/00 (2006.01)**

[25] EN

[54] **TERMINAL BOX**

[54] **BOITIER TERMINAL**

[72] YAMAZAKI, MASAKAZU, JP

[71] HOSIDEN CORPORATION, JP

[22] 2012-08-08

[41] 2013-02-11

[30] JP (2011-176202) 2011-08-11

[21] **2,786,206**
[13] A1

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

[25] EN

[54] **CALL CONNECTING METHOD AND SYSTEM BASED ON MOBILE VOIP**

[54] **METHODE DE LIAISON D'APPEL ET SYSTEME D'APPEL FONDE SUR VOIP MOBILE**

[72] PARK, IN YOUNG, KR

[72] LEE, JONG HOON, KR

[71] XENER SYSTEMS INC., KR

[22] 2012-08-08

[41] 2013-02-11

[30] KR (10-2011-0080107) 2011-08-11

[30] KR (10-2012-0076050) 2012-07-12

[21] **2,786,292**
[13] A1

[51] **Int.Cl. B60N 2/14 (2006.01)**

[25] EN

[54] **SEAT ASSEMBLY WITH EASY-ENTRY MECHANISM AND FOLD FLAT FEATURE**

[54] **DISPOSITIF DE SIEGE DOTE D'UN MECANISME D'ENTREE FACILE ET D'UNE FONCTION DE PLIAGE A PLAT**

[72] GUPTA, AMEYA, US

[72] CARROLL, JEFFREY P., US

[71] MAGNA SEATING INC., CA

[22] 2012-08-16

[41] 2013-02-16

[30] US (61/523,876) 2011-08-16

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[21] **2,786,299**

[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) C10G
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[25] EN

[54] **COMPOSITION AND METHOD
FOR RECOVERING HEAVY OIL
COMPOSITION ET METHODE DE
RECUPERATION D'HUILE
LOURDE**

[72] THOMPSON, TODD M., US

[72] GRACE, KEVIN D., US

[71] CLEAN OIL INNOVATIONS INC.,
US

[22] 2012-08-16

[41] 2013-02-16

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[30] US (13/585,209) 2012-08-14

[21] **2,788,411**

[13] A1

[51] **Int.Cl. C10J 3/10 (2006.01) G21C 1/02
(2006.01) G21C 1/06 (2006.01) G21D
9/00 (2006.01)**

[25] EN

[54] **NUCLEAR POWERED FACILITY
THAT GENERATES
CONSUMABLE FUELS**

[54] **INSTALLATION NUCLEAIRE QUI
PRODUIT DES COMBUSTIBLES
CONSOMMABLES**

[72] ABEL, CAL R., US

[71] ABEL, CAL R., US

[22] 2012-08-15

[41] 2013-02-16

[30] US (13/210,518) 2011-08-16

[21] **2,786,373**

[13] A1

[51] **Int.Cl. A61G 12/00 (2006.01) G06F
19/00 (2011.01) H02J 7/00 (2006.01)**

[25] EN

[54] **DOCKING STATION FOR
PATIENT BEDSIDE MONITORING
UNITS**

[54] **STATION D'ACCUEIL POUR
MONITEURS DE SURVEILLANCE
AU CHEVET DU PATIENT**

[72] DLUGOS, DANIEL F., JR., US

[72] BISHOP, GREGORY D., US

[72] EYSTER, CURT R., US

[72] NIKLEWSKI, PAUL J., US

[71] ETHICON ENDO-SURGERY, INC.,
US

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[30] US (13/210,517) 2011-08-16

[21] **2,788,415**

[13] A1

[51] **Int.Cl. H01B 3/28 (2006.01) C08J 3/24
(2006.01) C08K 13/02 (2006.01) C08L
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[25] EN

[54] **COLD TEMPERATURE-
RESISTANT CHLOROPRENE
CASING MIXTURE**

[54] **ASSOCIATION DE TUBAGE EN
CHLOROPRENE RESISTANT AUX
TEMPERATURES FROIDES**

[72] CORNELISSEN, CHRISTIAN, DE

[72] NIEHAUS, ARMIN, NL

[71] NEXANS, FR

[22] 2012-08-15

[41] 2013-02-16

[30] EP (11 306 045.3) 2011-08-16

[21] **2,787,215**

[13] A1

[51] **Int.Cl. B61L 17/00 (2006.01) B61K
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[25] EN

[54] **LOAD BALANCED TRACK
SWITCH HEATING**

[54] **COMMUTATEUR DE
CHAUFFAGE A CHARGE
EQUILIBREE**

[72] HONECK, RANDALL G., US

[72] HONECK, JASON L., US

[71] RAILWAY EQUIPMENT COMPANY,
INC., US

[22] 2012-08-16

[41] 2013-02-16

[30] US (61/524,006) 2011-08-16

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[13] A1

[51] **Int.Cl. A42B 3/04 (2006.01) A42B 3/30 (2006.01) A63B 29/02 (2006.01) B63C 7/26 (2006.01) B63C 9/20 (2006.01) B63C 11/02 (2006.01) E21F 11/00 (2006.01) G08B 5/36 (2006.01)**

[25] EN

[54] **SAFETY HELMET OR HEADPIECE WITH IMPROVED SAFETY FEATURES**

[54] **CASQUE DE SECURITE OU ENSEMBLE DE TETE DOTE DE CARACTERISTIQUES DE SECURITE AMELIOREES**

[72] JONES, JEANETTE, AU

[71] JONES, JEANETTE, AU

[85] 2011-11-17

[86] 2011-08-10 (PCT/AU2011/001014)

[87] (2758309)

[21] **2,794,757**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/564 (2006.01)**

[25] EN

[54] **METHODS FOR PREDICTION OF INFLAMMATORY BOWEL DISEASE (IBD) USING SEROLOGIC MARKERS**

[54] **PROCEDES DE PREDICTION DE MALADIE INTESTINALE INFLAMMATOIRE CHRONIQUE (IBD) A L'AIDE DE MARQUEURS SEROLOGIQUES**

[72] BARKEN, DERREN M., US

[71] PROMETHEUS LABORATORIES INC., US

[85] 2011-05-10

[86] 2009-11-10 (PCT/US2009/063924)

[87] (WO2010/056682)

[30] US (61/113,537) 2008-11-11

[30] US (61/118,346) 2008-11-26

[21] **2,796,512**
[13] A1

[51] **Int.Cl. B03C 1/02 (2006.01)**

[25] EN

[54] **VERTICAL RING HIGH GRADIENT MAGNETIC SEPARATOR**

[54] **SEPARATEUR MAGNETIQUE A ANNEAU VERTICAL ET A GRADIENT ELEVE**

[72] WANG, ZHAOLIAN, CN

[72] ZHOU, YUZHOU, CN

[72] JIA, HONGLI, CN

[72] LIU, FENGLIANG, CN

[72] ZENG, LIANGLIANG, CN

[72] LIU, SHICHANG, CN

[71] SHANDONG HUATE MAGNET TECHNOLOGY CO., LTD, CN

[85] 2012-09-19

[86] 2011-11-21 (PCT/CN2011/082524)

[87] (2796512)

[30] CN (201110233277.5) 2011-08-15

[30] CN (201120295548.5) 2011-08-15

[21] **2,799,273**
[13] A1

[51] **Int.Cl. E21B 47/0228 (2012.01) G01C 19/62 (2006.01)**

[25] EN

[54] **DOWNHOLE ORIENTATION SENSING WITH NUCLEAR SPIN GYROSCOPE**

[54] **DETECTION D'UNE ORIENTATION EN FOND DE TROU AU MOYEN D'UN GYROSCOPE A SPIN NUCLEAIRE**

[72] MAIDA, JOHN L., US

[72] SAMSON, ETIENNE, US

[72] LUSCOMBE, JOHN, US

[72] RODNEY, PAUL, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-11-13

[86] 2011-09-29 (PCT/GB2011/001425)

[87] (WO2012/042222)

[30] US (12/896,157) 2010-10-01

[21] **2,799,303**
[13] A1

[51] **Int.Cl. H03B 15/00 (2006.01) B82Y 25/00 (2011.01) H03L 7/099 (2006.01) H04L 27/02 (2006.01)**

[25] EN

[54] **FREQUENCY SYNTHESIS APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE SYNTHESE DE FREQUENCE**

[72] PASANEN, PIRJO, FI

[72] ERMOLOV, VLADIMIR, FI

[72] OKSANEN, MARKKU ANTONI, FI

[72] VOUTILAINEN, MARTTI KALEVI, FI

[72] SEPPALA, EIRA TUULIA, FI

[71] NOKIA CORPORATION, FI

[85] 2012-11-13

[86] 2011-05-13 (PCT/IB2011/052111)

[87] (WO2011/141895)

[30] US (12/780,241) 2010-05-14

[21] **2,799,849**
[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/54 (2006.01) F24H 1/14 (2006.01) F24H 9/20 (2006.01)**

[25] EN

[54] **DYNAMIC DOUBLE-CIRCUIT IN-LINE HEATER**

[54] **ELEMENT CHAUFFANT EN LIGNE COUPLE A DOUBLE CIRCUIT DYNAMIQUE**

[72] ETTER, STEFAN, CH

[71] NESTEC S.A., CH

[85] 2012-11-19

[86] 2011-05-20 (PCT/EP2011/058248)

[87] (WO2011/144733)

[30] EP (10163652.0) 2010-05-21

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[13] A1

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[25] EN
[54] **LOW VISCOSITY MONOMER FOR PATTERNING OPTICAL TAPE**
[54] **MONOMERE DE FAIBLE VISCOSITE DESTINE A FORMER UN MOTIF SUR UNE BANDE OPTIQUE**
[72] KIM, EUI KYOON, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2012-12-19
[86] 2011-06-24 (PCT/US2011/041737)
[87] (WO2011/163543)
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[21] **2,803,450**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **MITIGATING LEAKS IN PRODUCTION TUBULARS**
[54] **REDUCTION DE FUITES DANS DES TUBULAIRES DE PRODUCTION**
[72] MEBRATU, AMARE A., NO
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-12-20
[86] 2011-06-13 (PCT/US2011/040153)
[87] (WO2012/005874)
[30] US (12/827,794) 2010-06-30

[21] **2,803,452**
[13] A1

[51] **Int.Cl. H04N 7/173 (2011.01)**
[25] EN
[54] **VIDEO FEEDBACK LOOP**
[54] **BOUCLE DE RETROACTION VIDEO**
[72] LEVY, ISAAC, US
[72] SHALOM, TAL, US
[72] SELA, MEIR, US
[72] WENGER, STEPHAN, US
[71] DELTA VIDYO, INC., US
[85] 2012-12-20
[86] 2011-06-13 (PCT/US2011/040172)
[87] (WO2012/005877)
[30] US (61/360,200) 2010-06-30

[21] **2,803,453**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **SMART MATCHING FOR SYNTHETIC SPREADS**
[54] **MISE EN CORRESPONDANCE INTELLIGENTE POUR ECARTS SYNTHETIQUES**
[72] MINTZ, SAGY PUNDAK, US
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2012-12-20
[86] 2011-06-14 (PCT/US2011/040256)
[87] (WO2012/009083)
[30] US (12/836,485) 2010-07-14

[21] **2,803,454**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **MANAGING HEDGE ORDERS FOR SYNTHETIC SPREAD TRADING**
[54] **GESTION D'ORDRES DE COUVERTURE POUR NEGOCIATION D'ECART SYNTHETIQUE**
[72] MINTZ, SAGY PUNDAK, US
[72] MESSINA, PATRICIA A., US
[72] ZAGARA, THOMAS R., US
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2012-12-20
[86] 2011-06-14 (PCT/US2011/040260)
[87] (WO2012/009084)
[30] US (12/836,474) 2010-07-14

[21] **2,803,461**
[13] A1

[51] **Int.Cl. A61K 8/36 (2006.01) A23L 1/30 (2006.01) A61K 8/368 (2006.01) A61K 8/37 (2006.01) A61K 8/66 (2006.01) A61K 8/97 (2006.01) A61K 8/99 (2006.01) A61Q 19/00 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **USE OF CAFTARIC ACID AND DERIVATIVES IN FOOD SUPPLEMENT FOR REGULATING SKIN PIGMENTATION**
[54] **UTILISATION DE L'ACIDE CAFTARIQUE ET SES DERIVES DANS UN COMPLEMENT ALIMENTAIRE POUR REGULER LA PIGMENTATION DE LA PEAU**
[72] GUITARD, MARJORIE, CH
[72] BEL RHLID, RACHID, CH
[72] MOODYCLIFFE, ANGUS, CH
[72] DIONISI, FABIOLA, CH
[71] NESTEC S.A., CH
[71] L'OREAL, FR
[85] 2012-12-20
[86] 2011-06-28 (PCT/EP2011/060766)
[87] (WO2012/000961)
[30] EP (10167885.2) 2010-06-30

[21] **2,803,463**
[13] A1

[51] **Int.Cl. A61K 8/36 (2006.01) A23L 1/30 (2006.01) A61K 8/37 (2006.01) A61K 8/66 (2006.01) A61K 8/97 (2006.01) A61K 8/99 (2006.01) A61Q 19/00 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **USE OF CHICORIC ACID AND LACTIC BACTERIUM IN FOOD SUPPLEMENT FOR REGULATING SKIN PIGMENTATION**
[54] **UTILISATION D'ACIDE CHICORIQUE ET D'UNE BACTERIE LACTIQUE DANS DES COMPLEMENTES ALIMENTAIRES EN VUE DE REGULER LA PIGMENTATION DE LA PEAU**
[72] GUITARD, MARJORIE, CH
[72] BEL RHLID, RACHID, CH
[72] MOODYCLIFFE, ANGUS, CH
[72] DIONISI, FABIOLA, CH
[71] NESTEC S.A., CH
[71] L'OREAL, FR
[85] 2012-12-20
[86] 2011-06-28 (PCT/EP2011/060768)
[87] (WO2012/000962)
[30] EP (10167858.9) 2010-06-30

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[21] **2,803,469**
[13] A1

[51] **Int.Cl. H04N 21/422 (2011.01) G06F 21/00 (2013.01) G08C 17/02 (2006.01) H04N 5/44 (2011.01) H04N 7/167 (2011.01)**

[25] EN

[54] **SECURE REMOTE CONTROL FOR AUDIO/VIDEO RECEIVER/DECODER**

[54] **TELECOMMANDE SECURISEE POUR UN RECEPTEUR/DECODEUR AUDIO/VIDEO**

[72] KUDELSKI, ANDRE, CH

[72] NICOLAS, CHRISTOPHE, CH

[71] NAGRAVISION S.A., CH

[85] 2012-12-20

[86] 2011-07-22 (PCT/EP2011/062684)

[87] (WO2012/013608)

[30] US (61/367,470) 2010-07-26

[30] EP (10193145.9) 2010-11-30

[21] **2,803,474**
[13] A1

[51] **Int.Cl. B65D 5/42 (2006.01) G06K 19/10 (2006.01) H04B 1/034 (2006.01)**

[25] EN

[54] **FIBER OR PLASTIC BASED PACKAGE, APPARATUS, METHOD, PROGRAM AND SYSTEM FOR WIRELESS DATA COMMUNICATION BY FIBER OR PLASTIC BASED PACKAGE**

[54] **ENSEMBLE A BASE DE FIBRE OU DE PLASTIQUE, APPAREIL, PROCEDE, PROGRAMME ET SYSTEME POUR LA COMMUNICATION DES DONNEES SANS FIL PAR UN ENSEMBLE A BASE DE FIBRE OU DE PLASTIQUE**

[72] MAIJALA, JUHA, FI

[72] MAEKELAE, RAIMO, FI

[72] ILKKA, PETRI, FI

[71] STORA ENSO OYJ, FI

[85] 2012-12-20

[86] 2010-06-22 (PCT/FI2010/050534)

[87] (WO2011/161299)

[21] **2,803,488**
[13] A1

[51] **Int.Cl. B60S 1/38 (2006.01) B60S 1/32 (2006.01)**

[25] EN

[54] **IMPROVED HEATED WIPER BLADE FOR MOTOR VEHICLES AND THE LIKE**

[54] **BALAI D'ESSUIE-GLACE CHAUFFE PERFECTIONNE POUR VEHICULES MOTORISES ET SIMILAIRES**

[72] JONES, JOHNNIE L., US

[71] HWB, LLC, US

[85] 2012-12-20

[86] 2011-07-06 (PCT/US2011/043090)

[87] (WO2012/006363)

[30] US (61/361,628) 2010-07-06

[21] **2,803,489**
[13] A1

[51] **Int.Cl. B61B 7/02 (2006.01) B61B 7/06 (2006.01)**

[25] EN

[54] **INSTALLATION WITH OVERHEAD CABLES AND SERVO-CONTROLLED VEHICLE, WITHOUT A HANGER ARM**

[54] **INSTALLATION A CABLES AERIENS ET A VEHICULE ASSERVI, SANS SUSPENDE**

[72] CREISSELS, DENIS, FR

[72] RICHARD, JEROME, FR

[71] CREISSELS TECHNOLOGIES, FR

[85] 2012-12-20

[86] 2011-06-21 (PCT/FR2011/000353)

[87] (WO2011/161333)

[30] FR (1002635) 2010-06-23

[30] FR (1003078) 2010-07-22

[30] FR (1003454) 2010-08-26

[30] FR (1005129) 2010-12-27

[21] **2,803,491**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01)**

[25] FR

[54] **DATA COLLECTION DEVICE FOR MONITORING STREAMS IN A DATA NETWORK**

[54] **DISPOSITIF DE COLLECTE DE DONNEES POUR LA SURVEILLANCE DE FLUX DANS UN RESEAU DE DONNEES**

[72] TOLLET, JEROME, FR

[72] ABELA, JEROME, FR

[71] QOSMOS, FR

[85] 2012-12-20

[86] 2011-04-14 (PCT/FR2011/050867)

[87] (WO2011/161340)

[30] FR (10 55016) 2010-06-23

[21] **2,803,494**
[13] A1

[51] **Int.Cl. A47J 37/07 (2006.01)**

[25] FR

[54] **COMPACT BARBECUE**

[54] **BARBECUE COMPACT**

[72] ROCHEFORT, DENIS, FR

[72] BROUARD, CHRISTOPHE, FR

[72] CHAMPION, MARC, FR

[71] APPLICATION DES GAZ, FR

[85] 2012-12-20

[86] 2011-06-20 (PCT/FR2011/051402)

[87] (WO2012/001264)

[30] FR (10/55273) 2010-07-01

[21] **2,803,521**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/06 (2006.01)**

[25] EN

[54] **HYDRAULIC COMPOSITION**

[54] **COMPOSITION HYDRAULIQUE A PRISE RETARDEE**

[72] GUISE, LIAM, FR

[72] SABIO, SERGE, FR

[72] LOMBOIS-BURGER, HELENE, FR

[72] FERREINT, LILIAN, FR

[71] LAFARGE, FR

[85] 2012-12-20

[86] 2011-06-23 (PCT/FR2011/051450)

[87] (WO2011/161382)

[30] FR (1055064) 2010-06-24

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[21] **2,803,523**
[13] A1

[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/27 (2006.01) A61K 8/31 (2006.01) A61K 8/42 (2006.01) A61K 8/67 (2006.01) A61P 17/10 (2006.01) A61Q 17/04 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **MOISTURIZING COMPOSITION WITH SPF 30**

[54] **COMPOSITION HYDRATANTE PRESENTANT UN FPS DE 30**

[72] NADAU FOURCADE, KARINE, FR

[72] MALLARD, CLAIRE, FR

[72] FREDON, LAURENT, FR

[71] GALDERMA S.A., CH

[85] 2012-12-20

[86] 2011-06-29 (PCT/EP2011/060967)

[87] (WO2012/001082)

[30] US (61/344,335) 2010-06-30

[21] **2,803,528**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) B28C 5/02 (2006.01) B28C 5/42 (2006.01) B28C 7/16 (2006.01) C04B 40/06 (2006.01)**

[25] EN

[54] **PROCESS FOR TRANSPORTATION OF A HYDRAULIC COMPOSITION**

[54] **PROCEDE DE TRANSPORT D'UNE COMPOSITION HYDRAULIQUE**

[72] SABIO, SERGE, FR

[72] LOMBOIS-BURGER, HELENE, FR

[72] JONNEKIN, ARNAUD, FR

[72] LABYAD, ABDELAZIZ, FR

[71] LAFARGE, FR

[85] 2012-12-20

[86] 2011-06-23 (PCT/FR2011/051451)

[87] (WO2011/161383)

[30] FR (1055067) 2010-06-24

[21] **2,803,532**
[13] A1

[51] **Int.Cl. F16B 39/24 (2006.01) F16B 39/282 (2006.01)**

[25] EN

[54] **A DOUBLE-ACTING LOCKING WASHER**

[54] **RONDELLE DE BLOCAGE A DOUBLE EFFET**

[72] DELCHER, CHRISTOPHE, FR

[71] NORD-LOCK INTERNATIONAL AB, SE

[85] 2012-12-20

[86] 2011-06-24 (PCT/FR2011/051459)

[87] (WO2011/161387)

[30] FR (1055098) 2010-06-25

[21] **2,803,535**
[13] A1

[51] **Int.Cl. G02F 1/1345 (2006.01) B32B 17/10 (2006.01)**

[25] FR

[54] **LAMINATED GLAZING WITH VARIABLE DIFFUSION BY LIQUID CRYSTALS, METHOD FOR THE PRODUCTION THEREOF AND DEVICE FOR THE PRODUCTION OF SAME**

[54] **VITRAGE FEUILLETE A DIFFUSION VARIABLE PAR CRISTAUX LIQUIDES SON PROCEDE DE FABRICATION ET DISPOSITIF POUR SA FABRICATION**

[72] KUJAWA, JEAN, FR

[72] VILA, SERGE, FR

[71] SAINT-GOBAIN GLASS FRANCE, FR

[71] SAINT-GOBAIN GLASS FRANCE, FR

[21] **2,803,538**
[13] A1

[51] **Int.Cl. H01M 4/88 (2006.01) B41J 29/00 (2006.01) B41M 5/00 (2006.01) C09D 11/00 (2006.01)**

[25] FR

[54] **REFRIGERATED INK JET DEVICE AND METHOD IMPLEMENTING SUCH A DEVICE**

[54] **DISPOSITIF DE JET D'ENCRE REFRIGERE ET PROCEDE METTANT EN OEUVRE UN TEL DISPOSITIF**

[72] VINCENT, REMI, FR

[72] MERCIER, ANNE-GAELE, FR

[72] NAYOZE, CHRISTINE, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2012-12-20

[86] 2011-07-19 (PCT/FR2011/051719)

[87] (WO2012/042133)

[30] FR (1057846) 2010-09-29

[21] **2,803,538**
[13] A1

[51] **Int.Cl. H01M 4/88 (2006.01) B41J 29/00 (2006.01) B41M 5/00 (2006.01) C09D 11/00 (2006.01)**

[25] FR

[54] **REFRIGERATED INK JET DEVICE AND METHOD IMPLEMENTING SUCH A DEVICE**

[54] **DISPOSITIF DE JET D'ENCRE REFRIGERE ET PROCEDE METTANT EN OEUVRE UN TEL DISPOSITIF**

[72] VINCENT, REMI, FR

[72] MERCIER, ANNE-GAELE, FR

[72] NAYOZE, CHRISTINE, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2012-12-20

[86] 2011-07-19 (PCT/FR2011/051719)

[87] (WO2012/042133)

[30] FR (1057846) 2010-09-29

[21] **2,803,539**
[13] A1

[51] **Int.Cl. A61K 31/513 (2006.01) A61K 31/53 (2006.01) A61P 25/02 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **PROKINETICIN 1 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF PAIN**

[54] **ANTAGONISTES DU RECEPTEUR-1 DE LA PROKINETICINE POUR LE TRAITEMENT DE LA DOULEUR**

[72] FLORES, CHRISTOPHER M., US

[72] WADE, PAUL, US

[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2012-12-20

[86] 2011-06-27 (PCT/US2011/041979)

[87] (WO2012/006003)

[30] US (61/359,079) 2010-06-28

[21] **2,803,542**
[13] A1

[51] **Int.Cl. E21B 21/00 (2006.01) C09K 8/03 (2006.01)**

[25] EN

[54] **SURFACTANT ADDITIVES USED TO RETAIN PRODUCIBILITY WHILE DRILLING**

[54] **ADDITIFS TENSIOACTIFS UTILISES POUR CONSERVER LA PRODUCTIVITE PENDANT LE FORAGE**

[72] VAN ZANTEN, RYAN, US

[72] HORTON, DAVID, US

[72] TANCHE-LARSEN, PER-BJARTE, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-12-20

[86] 2011-06-29 (PCT/GB2011/000988)

[87] (WO2012/001361)

[30] US (12/827,451) 2010-06-30

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[21] **2,803,545**
[13] A1

[51] **Int.Cl. A61K 31/513 (2006.01) A61K 31/53 (2006.01) A61P 25/02 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **PROKINETICIN 1 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF PAIN**

[54] **ANTAGONISTES DU RECEPTEUR-1 DE LA PROKINETICINE POUR LE TRAITEMENT DE LA DOULEUR**

[72] FLORES, CHRISTOPHER M., US

[72] WADE, PAUL, US

[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2012-12-20

[86] 2011-06-27 (PCT/US2011/041981)

[87] (WO2012/006004)

[30] US (61/359,124) 2010-06-28

[21] **2,803,546**
[13] A1

[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/512 (2006.01) C09K 8/68 (2006.01)**

[25] EN

[54] **MULTIFUNCTIONAL BORONIC CROSSLINKERS AND ASSOCIATED METHODS**

[54] **AGENTS DE RETICULATION BORONIQUES MULTIFONCTIONNELS ET PROCEDES CORRESPONDANTS**

[72] LOVELESS, DAVID M., US

[72] SAINI, RAJESH K., US

[72] WEAVER, JIMMIE D., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-12-20

[86] 2011-06-29 (PCT/GB2011/000990)

[87] (WO2012/001363)

[30] US (12/827,224) 2010-06-30

[21] **2,803,552**
[13] A1

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

[25] EN

[54] **SYSTEM AND METHOD FOR EVALUATING SEARCH QUERIES TO IDENTIFY TITLES FOR CONTENT PRODUCTION**

[54] **SYSTEME ET PROCEDE D'EVALUATION D'INTERROGATIONS DE RECHERCHE POUR IDENTIFIER DES TITRES POUR UNE PRODUCTION DE CONTENU**

[72] YEHASKEL, DAVID M., US

[72] KJALLBRING, HENRIK M., US

[71] DEMAND MEDIA, INC., US

[85] 2012-12-20

[86] 2011-06-27 (PCT/US2011/042021)

[87] (WO2012/006021)

[30] US (12/826,524) 2010-06-29

[21] **2,803,574**
[13] A1

[51] **Int.Cl. A01N 35/02 (2006.01) A01P 3/00 (2006.01) A01N 25/30 (2006.01) A01N 25/32 (2006.01)**

[25] EN

[54] **DISINFECTING AND STERILISING SOLUTIONS**

[54] **SOLUTIONS DESINFECTANTES ET STERILISANTES**

[72] TOFT, JOHN, GB

[71] GX LABS HOLDINGS LIMITED, GB

[85] 2012-12-20

[86] 2011-06-24 (PCT/GB2011/051198)

[87] (WO2011/161469)

[30] GB (1010717.5) 2010-06-25

[21] **2,803,575**
[13] A1

[51] **Int.Cl. E04G 21/16 (2006.01) B66C 13/08 (2006.01) B66D 3/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR POSITIONING A FIRST STRUCTURE RELATIVE TO A SECOND STRUCTURE**

[54] **SYSTEME ET PROCEDE POUR POSITIONNER UNE PREMIERE STRUCTURE PAR RAPPORT A UNE SECONDE STRUCTURE**

[72] JASAT, AZIM, GB

[71] SHEPHERD ENGINEERING SERVICES LIMITED, GB

[85] 2012-12-20

[86] 2011-06-29 (PCT/GB2011/051226)

[87] (WO2012/001408)

[30] GB (1010868.6) 2010-06-29

[21] **2,803,577**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 19/10 (2006.01) A61P 25/28 (2006.01) C07D 401/14 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **2-PYRIDYL SUBSTITUTED IMIDAZOLES AS THERAPEUTIC ALK5 AND/OR ALK4 INHIBITORS**

[54] **IMIDAZOLES A SUBSTITUTION 2-PYRIDYLE COMME INHIBITEURS THERAPEUTIQUES DE L'ALK5 ET/OU DE L'ALK4**

[72] KIM, DAE KEE, KR

[72] SHEEN, YHUN YHONG, KR

[72] JIN, CHENG HUA, KR

[72] PARK, CHUL-YONG, KR

[72] SREENU, DOMALAPALLY, KR

[72] RAO, KOTA SUDHAKAR, KR

[72] KRISHNAIAH, MADDEBOINA, KR

[72] SUBRAHMANYAM, VURA BALA, KR

[71] EWHA UNIVERSITY-INDUSTRY COLLABORATION FOUNDATION, KR

[85] 2012-12-20

[86] 2011-06-24 (PCT/KR2011/004631)

[87] (WO2012/002680)

[30] US (12/826,338) 2010-06-29

[21] **2,803,580**
[13] A1

[51] **Int.Cl. A61K 31/495 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING CARBAMOYLOXY ARYLALKANOYL ARYLPIPERAZINE COMPOUND**

[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN COMPOSE DE CARBAMOYLOXY-ARYLALCANOYL-ARYLPIPERAZINE**

[72] MOON, HONG SIK, KR

[72] YI, HAN JU, KR

[72] CHAE, EUN HEE, KR

[72] CHAE, SANG MI, KR

[72] SHIN, HYE WON, KR

[71] SK BIOPHARMACEUTICALS CO., LTD., KR

[85] 2012-12-20

[86] 2011-07-08 (PCT/KR2011/004996)

[87] (WO2012/005536)

[30] KR (10-2010-0065950) 2010-07-08

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[21] **2,803,581**
[13] A1

[51] **Int.Cl. A47C 3/20 (2006.01) A47C 4/52 (2006.01) A47C 7/40 (2006.01) A47C 31/12 (2006.01)**

[25] EN
[54] **SEAT**
[54] **SIEGE**
[72] JAMES, LUCAS, GB
[71] SPLICED IP LTD., GB
[85] 2012-12-20
[86] 2011-07-01 (PCT/GB2011/051255)
[87] (WO2012/001429)
[30] GB (1011059.1) 2010-07-01

[21] **2,803,582**
[13] A1

[51] **Int.Cl. G01J 3/26 (2006.01)**

[25] EN
[54] **STATIC FOURIER SPECTROMETER**
[54] **SPECTROMETRE DE FOURIER STATIQUE**
[72] STROGANOV, ALEXANDER ANATOLYEVCH, RU
[72] BELASH, ALEXANDR OLEGOVICH, RU
[72] BOGACHEV, DMITRII LVOVICH, RU
[72] SENICHENKOV, VASILII ANDREEVICH, RU
[71] STROGANOV, ALEXANDER ANATOLYEVCH, RU
[71] BELASH, ALEXANDR OLEGOVICH, RU
[71] BOGACHEV, DMITRII LVOVICH, RU
[71] SENICHENKOV, VASILII ANDREEVICH, RU
[85] 2012-12-20
[86] 2011-06-07 (PCT/RU2011/000403)
[87] (WO2012/002839)
[30] RU (2010128321) 2010-07-02

[21] **2,803,584**
[13] A1

[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/03 (2006.01) C09K 8/524 (2006.01)**

[25] EN
[54] **SURFACTANT ADDITIVES USED TO RETAIN PRODUCTIBILITY WHILE DRILLING**
[54] **ADDITIFS TENSIOACTIFS UTILISES POUR MAINTENIR LA PRODUCTIBILITE PENDANT UN FORAGE**
[72] VAN ZANTEN, RYAN, US
[72] HORTON, DAVID, US
[72] TANCHE-LARSEN, PER-BJARTE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-12-20
[86] 2012-05-04 (PCT/GB2012/000411)
[87] (WO2012/150438)
[30] US (13/101,300) 2011-05-05

[21] **2,803,585**
[13] A1

[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/68 (2006.01) A61B 17/82 (2006.01) A61B 17/86 (2006.01)**

[25] EN
[54] **FLEXIBLE PLATE FIXATION OF BONE FRACTURES**
[54] **FIXATION A PLAQUE SOUPLE DE FRACTURES OSSEUSES**
[72] BOTTLANG, MICHAEL, US
[72] MADEY, STEVEN M., US
[71] GENESIS FRACTURE CARE, INC., US
[85] 2012-12-20
[86] 2011-06-22 (PCT/US2011/041484)
[87] (WO2011/163387)
[30] US (61/357,855) 2010-06-23
[30] US (61/428,745) 2010-12-30

[21] **2,803,586**
[13] A1

[51] **Int.Cl. H01J 65/04 (2006.01)**

[25] EN
[54] **MICROWAVE DRIVEN PLASMA LIGHT SOURCE**
[54] **SOURCE LUMINEUSE A PLASMA COMMANDEE PAR MICROONDES**
[72] NEATE, ANDREW SIMON, GB
[72] PRESTON, BARRY, GB
[71] CERAVISION LIMITED, GB
[85] 2012-12-20
[86] 2011-07-05 (PCT/GB2011/001015)
[87] (WO2012/004557)
[30] GB (1011303.3) 2010-07-05

[21] **2,803,587**
[13] A1

[51] **Int.Cl. A24B 15/30 (2006.01)**

[25] EN
[54] **CELLULOSIC MATERIAL SUCH AS TOBACCO COMPRISING ONE OF MORE SMOKE DILUENTS**
[54] **MATIERE CELLULOSIQUE**
[72] DITTRICH, DAVID JOHN, GB
[72] JOHN, EDWARD DENNIS, GB
[72] MCADAM, KEVIN, GB
[72] COLEMAN, MARTIN, GB
[72] WHIFFEN, ROBERT JOHN, GB
[72] WOODCOCK, DOMINIC CONRAD, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2012-12-20
[86] 2011-07-19 (PCT/GB2011/051352)
[87] (WO2012/010880)
[30] GB (1012090.5) 2010-07-19

[21] **2,803,588**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**

[25] EN
[54] **ANTIBODIES TO THE C3D FRAGMENT OF COMPLEMENT COMPONENT 3**
[54] **ANTICORPS CONTRE LE FRAGMENT C3D DU COMPOSANT 3 DU COMPLEMENT**
[72] HOLERS, V. MICHAEL, US
[72] THURMAN, JOSHUA M., US
[72] KULIK, LIUDMILA, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2012-12-20
[86] 2011-06-22 (PCT/US2011/041517)
[87] (WO2011/163412)
[30] US (61/357,499) 2010-06-22

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[21] **2,803,589**
[13] A1

[51] **Int.Cl. A61G 7/00 (2006.01)**
[25] EN
[54] **POWER AND CONTROL SYSTEM FOR BED**
[54] **SYSTEME D'ALIMENTATION ET DE COMMANDE POUR LIT**
[72] MCCULLAR, RICKY J., US
[72] JARRETT, KRISTIE L., US
[71] INVACARE CORPORATION, US
[85] 2012-12-20
[86] 2011-06-23 (PCT/US2011/041585)
[87] (WO2012/005963)
[30] US (12/833,441) 2010-07-09

[21] **2,803,593**
[13] A1

[51] **Int.Cl. E06B 5/00 (2006.01) E05D 15/00 (2006.01) E05F 1/12 (2006.01) E06B 3/44 (2006.01)**
[25] EN
[54] **OVERHEAD DOOR WITH SPRING-LOADED ROLLER HINGES**
[54] **PORTE BASCULANTE PRESENTANT DES CHARNIERES A ROULEAU A RESSORT**
[72] MORTIER, LESTER L., US
[71] MORTIER, LESTER L., US
[85] 2012-12-20
[86] 2011-07-18 (PCT/US2011/001273)
[87] (WO2012/009022)
[30] US (61/399,762) 2010-07-16
[30] US (61/459,071) 2010-12-06
[30] US (61/519,963) 2011-06-02

[21] **2,803,594**
[13] A1

[51] **Int.Cl. A63B 63/02 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **ROTATING FOOTBALL GOALPOST AND METHOD OF RETROFITTING AN EXISTING FOOTBALL GOALPOST**
[54] **POTEAU DE BUT DE FOOTBALL PIVOTABLE ET METHODE D'ADAPTATION D'UN POTEAU DE BUT DE FOOTBALL EXISTANT**
[72] QUERY, WILLIAM KRESS, JR., US
[72] TUCKER, LARRY THEODORE, US
[72] WALLACE, TIMOTHY HAROLD, US
[72] CUCCHIARA, CHRISTOPHER CHARLES, US
[72] BRAFFORD, CHRISTOPHER EDWARD, US
[72] SHERRILL, FRANK, US
[71] ABT, INC., US
[85] 2012-12-20
[86] 2011-03-01 (PCT/US2011/026746)
[87] (WO2011/109437)
[30] US (61/339,153) 2010-03-01

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[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61F 13/06 (2006.01) A61F 15/00 (2006.01)**
[25] EN
[54] **SECONDARY WOUND DRESSINGS FOR SECURING PRIMARY DRESSINGS AND MANAGING FLUID FROM WOUNDS, AND METHODS OF USING SAME**
[54] **PANSEMENTS DE PLAIE SECONDAIRES POUR FIXER DES PANSEMENTS PRIMAIRES ET CONTROLER LE FLUIDE PROVENANT DE PLAIES, ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] AALI, ADEL, US
[72] BARBUTO, RAYMOND, US
[71] AALNEX, INC., US
[85] 2012-12-20
[86] 2011-06-24 (PCT/US2011/041739)
[87] (WO2011/163545)
[30] US (12/824,069) 2010-06-25

[21] **2,803,598**
[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE MECHANICAL PUMP**
[54] **POMPE MECANIQUE POUR DISPOSITIF MEDICAL**
[72] WILK, ROBERT, US
[71] ANIMAS CORPORATION, US
[85] 2012-12-20
[86] 2011-06-23 (PCT/US2011/041628)
[87] (WO2012/005967)
[30] US (61/359,508) 2010-06-29

[21] **2,803,599**
[13] A1

[51] **Int.Cl. C12N 15/53 (2006.01) A01H 5/00 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **ACCUMULATION OF OMEGA-7 FATTY ACIDS IN PLANT SEEDS**
[54] **ACCUMULATION D'ACIDES GRAS OMEGA 7 DANS DES GRAINES**
[72] SHANKLIN, JOHN, US
[72] NGUYEN, TAM HUU, US
[72] WALSH, TERENCE A., US
[72] WHITTLE, EDWARD J., US
[72] PIDKOWICH, MARK S., CA
[71] DOW AGROSCIENCES LLC, US
[71] BROOKHAVEN SCIENCE ASSOCIATES, LLC, US
[85] 2012-12-20
[86] 2011-06-24 (PCT/US2011/041759)
[87] (WO2011/163557)
[30] US (61/358,318) 2010-06-24

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[21] **2,803,600**
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **IMPLANTABLE OPHTHALMIC DEVICES WITH CIRCULARLY ASYMMETRIC OPTIC AND METHODS**
[54] **DISPOSITIFS OPHTALMIQUES IMPLANTABLES A OPTIQUE CIRCULAIREMENT ASYMETRIQUE ET PROCEDES**
[72] BLUM, RONALD D., US
[72] GUPTA, AMITAVA, US
[72] SAUVET, JULIEN, US
[72] FEHR, JEAN-NOEL, US
[72] SCHNELL, URBAN, US
[71] ELENZA, INC., US
[85] 2012-12-20
[86] 2011-06-24 (PCT/US2011/041764)
[87] (WO2011/163559)
[30] US (61/358,569) 2010-06-25

[21] **2,803,601**
[13] A1

[51] **Int.Cl. A61G 5/10 (2006.01)**
[25] EN
[54] **WHEELCHAIR**
[54] **FAUTEUIL ROULANT**
[72] TUCKOWSKI, THOMAS, US
[72] MOHAN, TRAIAN, US
[72] BEKOSCKE, ROBERT, US
[72] JURKIEWICZ, DAMON, US
[72] YEE, DANIEL JAMES, US
[72] LOEWENTHAL, HOWARD, US
[72] SPALDING, JOSEPH, US
[71] INVACARE CORPORATION, US
[85] 2012-12-20
[86] 2011-06-24 (PCT/US2011/041788)
[87] (WO2011/163571)
[30] US (29/364,464) 2010-06-24
[30] US (29/364,463) 2010-06-24
[30] US (61/358,066) 2010-06-24
[30] US (61/412,041) 2010-11-10
[30] US (29/378,841) 2010-11-10
[30] US (29/378,834) 2010-11-10
[30] US (29/378,840) 2010-11-10
[30] US (61/412,031) 2010-11-10
[30] US (61/412,043) 2010-11-10

[21] **2,803,602**
[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **DISPOSABLE DIAPER WITH REDUCED BULK**
[54] **COUCHE JETABLE A VOLUME REDUIT**
[72] MCGREGOR, JUDIT ESTER, CH
[72] REICHARDT, NICOLE ANJA, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-12-20
[86] 2011-06-24 (PCT/US2011/041811)
[87] (WO2011/163582)
[30] EP (10167333.3) 2010-06-25

[21] **2,803,603**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **PROVISIONING MULTIPLE NETWORK RESOURCES**
[54] **MISE A DISPOSITION DE PLUSIEURS RESSOURCES DE RESEAU**
[72] KRAMER, RETO, US
[72] OSIECKI, DANIEL LEE, US
[72] SHANKARAN, NISHANTH, US
[72] BALAKRISHNAN, VENKATES P., US
[72] PARE, GEOFFREY SCOTT, US
[72] MEIKE, BLAKE, US
[72] WHITAKER, CHRISTOPHER, US
[71] AMAZON TECHNOLOGIES INC., US
[85] 2012-12-20
[86] 2011-06-27 (PCT/US2011/042050)
[87] (WO2012/006034)
[30] US (12/824,723) 2010-06-28

[21] **2,803,604**
[13] A1

[51] **Int.Cl. C10G 67/00 (2006.01)**
[25] EN
[54] **INTEGRATED HYDROCRACKING AND DEWAXING OF HYDROCARBONS**
[54] **PROCEDE INTEGRE D'HYDROCRAQUAGE ET DE DEPARAFFINAGE D'HYDROCARBURES**
[72] PRENTICE, KRISTA M., US
[72] DAAGE, MICHEL A., US
[72] DANDEKAR, AJIT B., US
[72] OLIVERI, CHRISTOPHER G., US
[72] VIJAY, ROHIT, US
[72] MCCARTHY, STEPHEN J., US
[72] LAI, WENYIH F., US
[72] FINGLAND, BRADLEY R., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-12-20
[86] 2011-06-28 (PCT/US2011/042082)
[87] (WO2012/006044)
[30] US (61/359,557) 2010-06-29
[30] US (13/169,616) 2011-06-27

[21] **2,803,605**
[13] A1

[51] **Int.Cl. C10G 53/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF LOW COLOR MIDDLE DISTILLATE FUELS**
[54] **PRODUCTION DE COMBUSTIBLES FAIBLEMENT COLORES A BASE D'UN DISTILLAT MOYEN**
[72] SHIH, STUART S., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-12-20
[86] 2011-06-28 (PCT/US2011/042099)
[87] (WO2012/003168)
[30] US (61/360,637) 2010-07-01
[30] US (13/169,170) 2011-06-27

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[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION BASED TARGET PREDICTION AND INTERACTION**
[54] **PROCEDE ET APPAREIL POUR L'INTERACTION ET LA PREDICTION DE CIBLE SUR LA BASE D'UN MOUVEMENT**
[72] BUCK, BRIAN J., US
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042268)
[87] (WO2012/012148)
[30] US (12/827,861) 2010-06-30

[21] **2,803,607**
[13] A1

[51] **Int.Cl. G01B 11/00 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR INCREASING MEASUREMENT ACCURACY IN A PARTICLE IMAGING DEVICE**
[54] **APPAREIL, SYSTEME ET PROCEDE D'AUGMENTATION DE LA PRECISION DE MESURE DANS DISPOSITIF D'IMAGERIE DE PARTICULES**
[72] ROTH, WAYNE DENNIS, US
[72] FISHER, MATTHEW S., US
[71] LUMINEX CORPORATION, US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042317)
[87] (WO2012/012163)
[30] US (12/827,800) 2010-06-30

[21] **2,803,609**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/18 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **PLANT SEEDS WITH ALTERED STORAGE COMPOUND LEVELS, RELATED CONSTRUCTS AND METHODS INVOLVING GENES ENCODING PAE AND PAE-LIKE POLYPEPTIDES**
[54] **GRAINES VEGETALES AUX TAUX MODIFIES DE COMPOSE DE STOCKAGE, CONSTRUCTIONS ASSOCIEES ET PROCEDES ENTRAINANT DES GENES CODANT POUR POLYPEPTIDES PAE ET DE TYPE PAE**
[72] MEYER, KNUT, US
[72] MCGONIGLE, BRIAN, US
[72] STECCA, KEVIN L., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042326)
[87] (WO2012/003207)
[30] US (61/360,648) 2010-07-01

[21] **2,803,610**
[13] A1

[51] **Int.Cl. G01N 15/14 (2006.01) G01N 21/29 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR INCREASING MEASUREMENT ACCURACY IN A PARTICLE IMAGING DEVICE USING LIGHT DISTRIBUTION**
[54] **APPAREIL, SYSTEME ET PROCEDE D'AUGMENTATION DE PRECISION DE MESURE DANS DISPOSITIF D'IMAGERIE DE PARTICULES UTILISANT LA DISTRIBUTION DE LUMIERE**
[72] ROTH, WAYNE DENNIS, US
[72] FISHER, MATTHEW S., US
[71] LUMINEX CORPORATION, US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042333)
[87] (WO2012/012168)
[30] US (12/827,837) 2010-06-30

[21] **2,803,611**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **ORDER ENTRY ACTIONS**
[54] **ACTIONS D'ENTREE D'ORDRE**
[72] BUCK, BRIAN J., US
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042373)
[87] (WO2012/003217)
[30] US (12/827,881) 2010-06-30

[21] **2,803,612**
[13] A1

[51] **Int.Cl. A01D 34/90 (2006.01)**
[25] EN
[54] **ADJUSTABLE GRINDER AND A STATOR FOR THE ADJUSTABLE GRINDER**
[54] **BROYEUR REGLABLE, ET STATOR POUR BROYEUR REGLABLE**
[72] WILSON, TRACIE, US
[72] RZEPKA, JOHN, US
[72] RATTIN, OLIVIER, FR
[72] RIME, SEBASTIEN, FR
[71] MCCORMICK & CORMPANY, INCORPORATED, US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042386)
[87] (WO2012/006163)
[30] US (12/833,630) 2010-07-09

[21] **2,803,613**
[13] A1

[51] **Int.Cl. B05D 5/08 (2006.01) A61M 5/34 (2006.01) B05D 7/02 (2006.01) B05D 7/24 (2006.01)**
[25] EN
[54] **SYRINGE WITH INTEGRATED NEEDLE**
[54] **SERINGUE DOTEE D'UNE AIGUILLE INTEGREE**
[72] FELTS, JOHN T., US
[72] GIRAUD, JEAN-PIERRE, FR
[71] CV HOLDINGS, LLC, US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042387)
[87] (WO2012/003221)
[30] US (61/359,434) 2010-06-29

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[21] **2,803,616**
[13] A1

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

[25] EN

[54] **SYSTEMS, METHODS AND MACHINE READABLE MEDIUMS TO SELECT A TITLE FOR CONTENT PRODUCTION**

[54] **SYSTEMES, PROCEDES ET SUPPORTS EXPLOITABLES PAR UNE MACHINE DESTINES A SELECTIONNER UN TITRE POUR LA PRODUCTION DE CONTENU**

[72] REESE, WILLIAM BYRON, US

[71] DEMAND MEDIA, INC., US

[85] 2012-12-20

[86] 2011-06-29 (PCT/US2011/042458)

[87] (WO2012/021224)

[30] US (12/856,477) 2010-08-13

[21] **2,803,619**
[13] A1

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4706 (2006.01) A61P 31/18 (2006.01)**

[25] EN

[54] **QUINOLINES AS PI3K INHIBITORS**

[54] **QUINOLEINES EN TANT QU'INHIBITEURS DE PI3K**

[72] DRANSFIELD, PAUL JOHN, US

[71] AMGEN INC., US

[85] 2012-12-20

[86] 2011-06-30 (PCT/US2011/042531)

[87] (WO2012/003278)

[30] US (61/360,262) 2010-06-30

[21] **2,803,620**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61P 19/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 473/16 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUNDS AND THEIR USES**

[54] **COMPOSES HETEROCYCLIQUES CONTENANT DE L'AZOTE COMME INHIBITEURS DE PI3K-DELTA**

[72] DRANSFIELD, PAUL JOHN, US

[72] GONZALEZ LOPEZ DE TURISO, FELIX, US

[72] PATTAROPONG, VATEE, US

[72] SIMARD, JILLIAN L., US

[71] AMGEN INC., US

[85] 2012-12-20

[86] 2011-06-30 (PCT/US2011/042506)

[87] (WO2012/003264)

[30] US (61/360,001) 2010-06-30

[21] **2,803,621**
[13] A1

[51] **Int.Cl. D01F 1/10 (2006.01) C11D 17/04 (2006.01)**

[25] EN

[54] **FILAMENTS COMPRISING A NON-PERFUME ACTIVE AGENT NONWOVEN WEBS AND METHODS FOR MAKING SAME**

[54] **FILAMENTS COMPRENANT UN AGENT ACTIF SANS PARFUM, VOILES NON TISSES, ET PROCEDES DE FABRICATION DE CES FILAMENTS**

[72] GLENN, ROBERT WAYNE, JR., US

[72] GORDON, GREGORY CHARLES, US

[72] SIVIK, MARK ROBERT, US

[72] RICHARDS, MARK RYAN, US

[72] HEINZMAN, STEPHEN WAYNE, US

[72] JAMES, MICHAEL DAVID, US

[72] REYNOLDS, GEOFFREY WILLIAM, US

[72] TROKHAN, PAUL DENNIS, US

[72] WEISMAN, PAUL THOMAS, US

[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US

[72] DENOME, FRANK WILLIAM, US

[72] HODSON, STEPHEN JOSEPH, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2012-12-20

[86] 2011-06-30 (PCT/US2011/042565)

[87] (WO2012/003300)

[30] US (61/361,146) 2010-07-02

[21] **2,803,624**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4709 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUNDS AND THEIR USE AS INHIBITORS OF PI3K ACTIVITY**

[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION COMME INHIBITEURS DE L'ACTIVITE PI3K**

[72] DUQUETTE, JASON A., US

[72] LUCAS, BRIAN, US

[71] AMGEN INC., US

[85] 2012-12-20

[86] 2011-06-30 (PCT/US2011/042519)

[87] (WO2012/003271)

[30] US (61/361,014) 2010-07-02

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[21] **2,803,625**
[13] A1

[51] **Int.Cl. D01F 1/10 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **FILAMENTS COMPRISING AN ACTIVE AGENT NONWOVEN WEBS AND METHODS FOR MAKING SAME**
[54] **FILAMENTS COMPRENANT DES VOILES NON TISSEES A AGENT ACTIF, ET PROCEDES DE FABRICATION DE CES FILAMENTS**
[72] GLENN, ROBERT WAYNE, JR., US
[72] GORDON, GREGORY CHARLES, US
[72] SIVIK, MARK ROBERT, US
[72] RICHARDS, MARK RYAN, US
[72] HEINZMAN, STEPHEN WAYNE, US
[72] JAMES, MICHAEL DAVID, US
[72] REYNOLDS, GEOFFREY WILLIAM, US
[72] TROKHAN, PAUL DENNIS, US
[72] WEISMAN, PAUL THOMAS, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] DENOME, FRANK WILLIAM, US
[72] HODSON, STEPHEN JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-12-20
[86] 2011-06-30 (PCT/US2011/042577)
[87] (WO2012/003307)
[30] US (61/361,126) 2010-07-02

[21] **2,803,626**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR A PRE-FILLED SYRINGE AND INJECTION DEVICE**
[54] **DISPOSITIF DE SECURITE POUR UNE SERINGUE PRE-REMPLE ET DISPOSITIF D'INJECTION**
[72] ROBERTS, GARETH, GB
[72] OWEN, SIONED, GB
[72] EKMAN, MATTHEW, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2012-12-20
[86] 2011-06-21 (PCT/EP2011/060318)
[87] (WO2012/000834)
[30] EP (10168316.7) 2010-07-02

[21] **2,803,628**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/28 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR A PRE-FILLED SYRINGE AND INJECTION DEVICE**
[54] **DISPOSITIF DE SECURITE POUR SERINGUE PRE-REMPLE ET DISPOSITIF D'INJECTION**
[72] ROBERTS, GARETH, GB
[72] WARD, CHRIS, GB
[72] EKMAN, MATTHEW, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2012-12-20
[86] 2011-06-21 (PCT/EP2011/060319)
[87] (WO2012/000835)
[30] EP (10168317.5) 2010-07-02

[21] **2,803,629**
[13] A1

[51] **Int.Cl. D01F 1/10 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **FILAMENTS COMPRISING AN ACTIVE AGENT NONWOVEN WEBS AND METHODS FOR MAKING SAME**
[54] **FILAMENTS COMPRENANT DES BANDES NON TISSEES AVEC AGENT ACTIF ET PROCEDES DE FABRICATION ASSOCIES**
[72] GORDON, GREGORY CHARLES, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] SIVIK, MARK ROBERT, US
[72] RICHARDS, MARK RYAN, US
[72] HEINZMAN, STEPHEN WAYNE, US
[72] JAMES, MICHAEL DAVID, US
[72] REYNOLDS, GEOFFREY WILLIAM, US
[72] TROKHAN, PAUL DENNIS, US
[72] WEISMAN, PAUL THOMAS, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] DENOME, FRANK WILLIAM, US
[72] HODSON, STEPHEN JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2011-06-30 (PCT/US2011/042599)
[87] (WO2012/003319)
[30] US (61/361,129) 2010-07-02

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[54] **DISPENSING CLOSURE**
[54] **FERMETURE DE DISTRIBUTION**
[72] SKILLIN, CLIFFORD, US
[72] BRANNON, PATRICK, US
[71] MWV SLATERSVILLE, LLC, US
[85] 2012-12-20
[86] 2012-06-07 (PCT/US2012/041417)
[87] (WO2012/170731)
[30] US (61/494,429) 2011-06-08

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[51] **Int.Cl. G01N 33/53 (2006.01) C12Q 1/68 (2006.01) G01N 27/26 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISEASE DETECTION**
[54] **APPAREIL DE DETECTION D'UNE MALADIE**
[72] YU, CHRIS C., US
[72] DU, XUEDONG, CN
[72] YU, HE, US
[71] ANPAC BIO-MEDICAL SCIENCE CO., LTD., VG
[85] 2012-12-20
[86] 2011-06-30 (PCT/US2011/042637)
[87] (WO2012/003348)
[30] US (61/360,041) 2010-06-30
[30] US (61/389,960) 2010-10-05
[30] US (61/430,641) 2011-01-07
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[51] **Int.Cl. C10G 1/04 (2006.01) C10L 1/00 (2006.01)**
[25] EN
[54] **BALLISTIC HEATING PROCESS**
[54] **PROCEDE DE CHAUFFAGE BALISTIQUE**
[72] HUMPHREYS, LEONARD JAMES, AU
[72] KLATT, PETER WALDEMAR, AU
[72] BENNETT, MATHEW, AU
[71] IGNITE ENERGY RESOURCES LIMITED, AU
[85] 2012-12-21
[86] 2011-06-29 (PCT/AU2011/000802)
[87] (WO2012/000033)
[30] AU (2010902938) 2010-07-01

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[54] **HOSE CLAMP**
[54] **COLLIER DE SERRAGE POUR FLEXIBLE**
[72] MIESSMER, STEFAN, CH
[71] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH
[85] 2012-12-20
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[25] EN
[54] **PROVIDING A MARKETPLACE FOR SOFTWARE SERVICES**
[54] **CREATION D'UNE PLACE DE MARCHE POUR SERVICES LOGICIELS**
[72] KASSAEI, FARHANG, US
[72] KANDASWAMY, SENTHIL KUMAR, US
[71] EBAY INC., US
[85] 2012-12-20
[86] 2011-09-19 (PCT/US2011/052195)
[87] (WO2012/040120)
[30] US (61/384,803) 2010-09-21

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[51] **Int.Cl. C11D 17/00 (2006.01) C11D 3/60 (2006.01)**
[25] EN
[54] **DETERGENT PRODUCT AND METHOD FOR MAKING SAME**
[54] **PRODUIT DETERGENT ET SON PROCEDE DE FABRICATION**
[72] GORDON, GREGORY CHARLES, US
[72] DENOME, FRANK WILLIAM, US
[72] MICHAEL, JOHN GERHARD, US
[72] SIVIK, MARK ROBERT, US
[72] DREHER, ANDREAS JOSEF, US
[72] TROKHAN, PAUL DENNIS, US
[72] HODSON, STEPHEN JOSEPH, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] CROLL, BRIAN PATRICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (61/361,146) 2010-07-02
[30] US (61/361,129) 2010-07-02
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[25] EN
[54] **METHOD OF TREATING GRAFT VERSUS HOST DISEASE**
[54] **METHODE DE TRAITEMENT DE LA MALADIE DU GREFFON CONTRE L'HOTE**
[72] ITESCU, SILVIU, AU
[72] SCHUSTER, MICHAEL DAVID, US
[71] MESOBLAST, INC., US
[85] 2012-12-21
[86] 2011-07-04 (PCT/AU2011/000840)
[87] (WO2012/000064)
[30] US (61/398,950) 2010-07-02

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[25] EN
[54] **EPOXY COMPOSITE**
[54] **COMPOSITE EPOXY**
[72] ALLUM, RONALD CHARLES, AU
[72] DURBIN, PHILIP MICHAEL, AU
[71] ACHERON PRODUCT PTY LTD, AU
[85] 2012-12-21
[86] 2011-06-23 (PCT/AU2011/000772)
[87] (WO2011/160183)
[30] AU (2010902788) 2010-06-24

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[25] EN
[54] **TREATMENT OF T-CELL MEDIATED IMMUNE DISORDERS**
[54] **TRAITEMENT DE TROUBLES IMMUNITAIRES A MEDIATION PAR LES LYMPHOCYTES T**
[72] ITESCU, SILVIU, AU
[72] SCHUSTER, MICHAEL DAVID, US
[71] MESOBLAST, INC., US
[85] 2012-12-21
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[87] (WO2012/000065)
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[51] **Int.Cl. A63C 19/04 (2006.01) E01C 13/10 (2006.01)**
[25] EN
[54] **PADDING LAYER FOR MULTI-LAYERED SPORTS PLAYING FIELD**
[54] **COUCHE DE CAPITONNAGE POUR TERRAINS DE SPORT MULTICOUCHES**
[72] VACHON, FREDERIC, CA
[71] ADVANTAGE COCHRANE SPORT INC., CA
[85] 2012-12-21
[86] 2011-06-30 (PCT/CA2011/000771)
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[25] EN
[54] **EQUATION-BASED ASSESSMENT GRADING METHOD AND PARTICIPANT RESPONSE SYSTEM EMPLOYING SAME**
[54] **PROCEDE DE CLASSEMENT D'EVALUATIONS A BASE D'EQUATIONS ET SYSTEME DE REPONSE DE PARTICIPANT UTILISANT CE PROCEDE**
[72] LABINE, DAVID, CA
[72] CHU, ALBERT, CA
[72] WENZEL, LOTHAR, CA
[71] SMART TECHNOLOGIES ULC, CA
[85] 2012-12-21
[86] 2011-06-27 (PCT/CA2011/000752)
[87] (WO2011/160217)
[30] US (61/358,788) 2010-06-25

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[25] EN
[54] **SPIROMETER BREATHING TUBE WITH COMPOUND MEMBRANE**
[54] **TUBE RESPIRATOIRE DE SPIROMETRE A MEMBRANE COMPOSEE**
[72] GANSEMAN, JOSE, BE
[72] AYOUBI, AWNI, CA
[72] AYOUBI, NATHAN, CA
[72] BELLAIRE, THOMAS, CA
[72] BRODKIN, IAN, CA
[72] DOSIL, VICTOR, CA
[72] FINDLAY, JUDY, CA
[72] HALWANI, FOUAD, CA
[72] WILLMS, ARTHUR, CA
[71] ROSTRUM MEDICAL INNOVATIONS INC., CA
[85] 2012-12-21
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[25] EN
[54] **SHORT AND D-AMINO ACID-CONTAINING POLYPEPTIDES FOR THERAPEUTIC CONJUGATES AND USES THEREOF**
[54] **POLYPEPTIDES COURTS CONTENANT DES ACIDES AMINES D POUR CONJUGUES THERAPEUTIQUES ET LEURS UTILISATIONS**
[72] CASTAIGNE, JEAN-PAUL, CA
[72] CHE, CHRISTIAN, CA
[72] DEMEULE, MICHEL, CA
[72] PESLHERBE, LAURENCE, CA
[72] THIOT, CARINE, CA
[71] ANGIOCHEM INC., CA
[85] 2012-12-21
[86] 2011-07-04 (PCT/CA2011/050408)
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[30] US (61/361,305) 2010-07-02
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[25] EN
[54] **WATERCRAFT**
[54] **EMBARCATION**
[72] MYNI, PIETER, BE
[71] KARIBU INVEST, BESLOTEN VENNOOTSCHAP MET BEPERKTE AANSPRAKELIJKHEID, BE
[85] 2012-12-21
[86] 2011-06-09 (PCT/BE2011/000036)
[87] (WO2011/160194)
[30] BE (2010/0372) 2010-06-23

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[51] **Int.Cl. E04G 23/02 (2006.01) E01B 31/20 (2006.01)**
[25] EN
[54] **REMEDIATION OF CROSSTIE CRACKS**
[54] **ASSAINISSEMENT DE LEZARDES DANS DES TRAVERSESES**
[72] FALK, ENNO, DE
[71] SERSA GROUP AG (SCHWEIZ), CH
[85] 2012-12-21
[86] 2011-06-30 (PCT/CH2011/000156)
[87] (WO2012/003594)
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[25] EN
[54] **EQUIPMENT FOR WATER MACROINVERTEBRATE SUBSAMPLING**
[54] **EQUIPEMENT POUR LE SOUS-ECHANTILLONNAGE DE MACRO-INVERTEBRES AQUATIQUES**
[72] BAPTISTA, DARCILIO FERNANDES, BR
[72] MUGNAL, RICCARDO, BR
[72] DE OLIVEIRA, RENATA BLEY, BR
[71] FUNDACAO OSWALDO CRUZ, BR
[85] 2012-12-21
[86] 2011-05-18 (PCT/BR2011/000144)
[87] (WO2011/143730)
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[25] EN

[54] **CELLULOSIC FIBRE COMPOSITION**

[54] **COMPOSITION DE FIBRE CELLULOSIQUE**

[72] JANSEN, JEROEN, SE

[72] HEIJNESSON-HULTEN, ANETTE MONICA, SE

[72] VAN EIJK, MARCEL CORNELIS PAULUS, NL

[72] O, BOEN HO, NL

[72] BEIJERS, GERARD HENK, NL

[72] LAI, RONALD CHRISTOPHER, SE

[72] VAN DER HORST, PETER MARTEN, NL

[72] NILSSON, JERKER, SE

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2012-12-21

[86] 2011-07-08 (PCT/EP2011/061571)

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[30] EP (10169299.4) 2010-07-12

[30] EP (10169295.2) 2010-07-12

[30] EP (10169287.9) 2010-07-12

[30] EP (10169283.8) 2010-07-12

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[30] US (61/363,749) 2010-07-13

[30] US (61/363,728) 2010-07-13

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[51] **Int.Cl. H01R 4/28 (2006.01) F16F 1/373 (2006.01) F16G 11/03 (2006.01) H01R 4/18 (2006.01)**

[25] EN

[54] **SPRING-LOADED COMPRESSION ELECTRICAL CONNECTOR**

[54] **CONNECTEUR ELECTRIQUE A COMPRIMER A RESSORT**

[72] TIMSIT, ROLAND S., CA

[71] TIMSIT, ROLAND S., CA

[85] 2012-12-21

[86] 2011-06-27 (PCT/CA2011/000742)

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[30] CA (2,708,699) 2010-06-29

[30] US (13/010,801) 2011-01-21

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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DIRECTIONAL DRILLING**

[54] **PROCEDE ET APPAREIL DE FORAGE DIRIGE**

[72] ROSENHAUCH, IRWIN, CA

[71] RUGGED ENGINEERING DESIGNS INC., CA

[85] 2012-12-21

[86] 2011-07-08 (PCT/CA2011/000790)

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[30] US (12/804,365) 2010-07-21

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[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/75 (2006.01)**

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[54] **REGULATION OF INDUCIBLE PROMOTERS**

[54] **REGULATION DE PROMOTEURS INDUCTIBLES**

[72] WENZEL, MARIAN, DE

[72] ALTENBUCHNER, JOSEF, DE

[72] KIZIAK, CHRISTOPH, CH

[71] LONZA AG, CH

[85] 2012-12-21

[86] 2011-07-27 (PCT/EP2011/062921)

[87] (WO2012/013710)

[30] EP (10171252.9) 2010-07-29

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[54] **FOOD PREPARATION APPARATUS**

[54] **APPAREIL DE PREPARATION CULINAIRE**

[72] LEE, MAURICE W., JR., US

[72] LEE, MAURICE W., III, US

[71] ELECTRA WAVE CORPORATION, US

[85] 2012-05-17

[86] 2010-11-22 (PCT/US2010/057644)

[87] (WO2011/063341)

[30] US (12/624,051) 2009-11-23

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[13] A1

[51] **Int.Cl. A61K 31/495 (2006.01) A61K 31/497 (2006.01) A61P 25/18 (2006.01)**

[25] EN

[54] **COMBINATION OF GLYTI COMPOUND WITH ANTIPSYCHOTICS**

[54] **COMBINAISON D'UN COMPOSE GLYTI AVEC DES AGENTS ANTIPSYCHOTIQUES**

[72] ALBERATI, DANIELA, CH

[72] MOREAU, JEAN-LUC, FR

[72] WETTSTEIN, JOSEPH G., CH

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2012-12-21

[86] 2011-08-05 (PCT/EP2011/063533)

[87] (WO2012/019970)

[30] EP (10172316.1) 2010-08-09

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[13] A1

[51] **Int.Cl. F16L 51/02 (2006.01) F01D 25/30 (2006.01) F02C 7/20 (2006.01) F23J 13/04 (2006.01)**

[25] EN

[54] **COMPENSATOR FOR CONNECTING PIPES FOR DUST-LADEN FLUE GAS**

[54] **COMPENSATEUR DESTINE A RELIER DES TUBES POUR GAZ DE FUMEE CHARGE DE POUSSIERES**

[72] DE TEMPLE, GUNTHER, DE

[71] DEKOMTE DE TEMPLE KOMPENSATORTECHNIK GMBH, DE

[85] 2012-12-21

[86] 2011-07-01 (PCT/DE2011/001467)

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[51] **Int.Cl. H04L 25/06 (2006.01) H04L 27/233 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR DETERMINING AN EXTRINSIC INFORMATION**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER UNE INFORMATION EXTRINSEQUE**
[72] DETERT, THORBEN, DE
[72] VOLYANSKIY, MIKHAIL, DE
[71] ROHDE & SCHWARZ GMBH & CO. KG, DE
[85] 2012-12-21
[86] 2012-03-05 (PCT/EP2012/053723)
[87] (WO2012/130559)
[30] DE (10 2011 006 565.2) 2011-03-31
[30] DE (10 2011 078 565.5) 2011-07-04

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[13] A1
[51] **Int.Cl. G08C 19/00 (2006.01) G08C 17/02 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **DATA COLLECTING CONCENTRATOR AND DATA COLLECTING METHOD**
[54] **CONCENTRATEUR D'ACQUISITION DE DONNEES ET PROCEDE D'ACQUISITION DE DONNEES**
[72] DAI, ZHE, CN
[72] GE, WU, CN
[71] GUANGZHOU SUNRISE ELECTRONICS DEVELOPMENT CO., LTD., CN
[85] 2012-12-21
[86] 2012-01-17 (PCT/CN2012/070462)
[87] (WO2012/152082)
[30] CN (201110118611.2) 2011-05-09

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 1/00 (2006.01) A61P 3/10 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 9/12 (2006.01) A61P 11/06 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **COMPOUND FOR INHIBITING TYPE 5 PHOSPHODIESTERASE AND PREPARATION METHOD THEREOF**
[54] **COMPOSE INHIBITEUR DE LA PHOSPHODIESTERASE DE TYPE 5 ET METHODE POUR SA PREPARATION**
[72] ZHANG, NAN, CN
[72] ZHONG, RONG, CN
[71] SUZHOU MAIDIXIAN PHARMACEUTICAL INC., CN
[71] ZHANG, NAN, CN
[71] ZHONG, RONG, CN
[71] BANGHE PHARMACEUTICAL CO., LTD., CN
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[86] 2010-07-30 (PCT/CN2010/075587)
[87] (WO2012/000212)
[30] CN (201010221658.7) 2010-07-02

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **NETWORK SERVER ARRANGEMENT FOR PROCESSING NON-PARAMETRIC, MULTI-DIMENSIONAL, SPATIAL AND TEMPORAL HUMAN BEHAVIOR OR TECHNICAL OBSERVATIONS MEASURED Pervasively, AND RELATED METHOD FOR THE SAME**
[54] **AGENCEMENT DE SERVEUR DE RESEAU DESTINE A TRAITER UN COMPORTEMENT HUMAIN OU DES OBSERVATIONS TECHNIQUES NON PARAMETRIQUES, MULTIDIMENSIONNELLES, SPATIALES ET TEMPORELLES MESUREES DE FACON UBIQUITAIRE, ET PROCEDE ASSOCIE**
[72] VERKASALO, HANNU, FI
[71] ARBITRON MOBILE OY, FI
[85] 2012-12-21
[86] 2010-06-24 (PCT/FI2010/050548)
[87] (WO2011/161303)

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[51] **Int.Cl. H01B 1/04 (2006.01)**
[25] EN
[54] **CEMENT KILN EXHAUST GAS POLLUTION REDUCTION**
[54] **REDUCTION DE LA POLLUTION PAR LE GAZ D'ECHAPPEMENT DE FOURS A CIMENT**
[72] LESNIAK, THOMAS, US
[72] POLING, CHRISTOPHER, US
[72] D'AMICO, PETER, US
[71] MERCUTEK LLC, US
[85] 2012-12-20
[86] 2011-07-01 (PCT/US2011/042749)
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[25] EN
[54] **AN APPARATUS AND A METHOD FOR PERFORMING A SAFE STIMULATION OF A PERSON**
[54] **APPAREIL ET METHODE POUR LA REALISATION D'UNE STIMULATION SURE D'UNE PERSONNE**
[72] WARSCHESKE, UDO, DE
[72] FIEGENBAUM, LARS, DE
[71] EBS TECHNOLOGIES GMBH, DE
[85] 2012-12-21
[86] 2010-06-30 (PCT/EP2010/059296)
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[25] EN
[54] **CLEAR TRANSPARENT ANTI-FOG MULTI-LAYER FILM**
[54] **FEUILLE MULTICOUCHES ANTIBUEE TRANSPARENTE CLAIRE**
[72] DAUM, HELWIG HEINRICH, DE
[71] KOBUSCH-SENNEWALD GMBH, DE
[85] 2012-12-21
[86] 2011-04-11 (PCT/DE2011/075071)
[87] (WO2012/037931)
[30] DE (20 2010 007 972.1) 2010-07-02

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[54] **2,4- DIARYL - SUBSTITUTED [1,8] NAPHTHYRIDINES AS KINASE INHIBITORS FOR USE AGAINST CANCER**
[54] **[1,8]-NAPHTHYRIDINES SUBSTITUEES PAR 2,4-DIARYLE EN TANT QU'INHIBITEURS DE KINASE, DESTINEES A UNE UTILISATION CONTRE LE CANCER**
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[72] JONCZYK, ALFRED, DE
[72] HOELZEMANN, GUENTER, DE
[72] AMENDT, CHRISTIANE, DE
[72] ZENKE, FRANK, DE
[71] MERCK PATENT GMBH, DE
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[54] **METHOD FOR ADJUSTING INTERFERENCE SIGNAL SPACE IN BIO-MAGNETIC FIELD MEASUREMENTS**
[54] **PROCEDE D'AJUSTEMENT DE L'ESPACE SIGNAL D'INTERFERENCE DANS DES MESURES DE CHAMP BIOMAGNETIQUE**
[72] SIMOLA, JUHA, FI
[72] TAULU, SAMU, FI
[71] ELEKTA AB (PUBL)., SE
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[54] **ELECTRICAL TOMOGRAPHY APPARATUS AND METHOD AND CURRENT DRIVER**
[54] **APPAREIL ET PROCEDE DE TOMOGRAPHIE ELECTRIQUE ET PILOTE DE COURANT**
[72] WANG, MI, GB
[72] JIA, JIABIN, GB
[71] THE UNIVERSITY OF LEEDS, GB
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[54] **TREATMENT OF COGNITIVE DISORDERS**
[54] **TRAITEMENT DE TROUBLES COGNITIFS**
[72] SMITH, ANTHONY DAVID, GB
[72] REFSUM, HELGA MARGARETA, GB
[71] ISIS INNOVATION LIMITED, GB
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[54] **WEIGHTED ELASTOMERS, CEMENT COMPOSITIONS COMPRISING WEIGHTED ELASTOMERS, AND METHODS OF USE**

[54] **ELASTOMERES PONDERES, COMPOSITIONS DE CIMENT LES CONTENANT, ET LEURS PROCEDES D'UTILISATION**

[72] RODDY, CRAIG WAYNE, US
[72] KARCHER, JEFFERY D., US
[72] MORGAN, RICKEY L., US
[72] BRENNIS, DARRELL CHAD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US

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[54] **NOVEL ANTIBACTERIAL COMPOUNDS, METHODS OF MAKING THEM, AND USES THEREOF**

[54] **NOUVEAUX COMPOSES ANTIBACTERIENS, PROCEDES DE FABRICATION DE CEUX-CI, ET UTILISATIONS DE CEUX-CI**

[72] CARR, GRANT J., US
[72] MANNING, DAVID D., US
[72] YANG, ZHICAI, US
[72] GUO, CHENG, US
[72] MAENG, JUN-HO, US
[72] RABENSTEIN, JOHN, US
[72] MICHELS, PETER C., US
[72] CHASE, MATTHEW W., US
[71] ALBANY MOLECULAR RESEARCH, INC., US

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[54] **MAGNETICALLY ACTUATED RECIPROCATING MOTOR AND PROCESS USING REVERSE MAGNETIC SWITCHING**

[54] **MOTEUR ALTERNATIF A COMMANDE MAGNETIQUE ET PROCESSUS UTILISANT LA COMMUTATION MAGNETIQUE INVERSE**

[72] GOSVENER, KENDALL C., US
[71] GOSVENER, KENDALL C., US

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[54] **LIPOSOMES FOR PULMONARY ADMINISTRATION**

[54] **LIPOSOMES DESTINES A UNE APPLICATION PULMONAIRE**

[72] GESSLER, TOBIAS, DE
[72] SCHMEHL, THOMAS, DE
[72] RIEGER, MONIKA, DE
[71] JUSTUS-LIEBIG-UNIVERSITAT GIEBEN, DE

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[54] **SELS ET POLYMORPHES DE LA DEXRABEPRAZOLE**

[72] RAO, DHARMARAJ
RAMACHANDRA, IN
[72] KANKAN, RAJENDRA
NARAYANRAO, IN
[72] PATHI, SRINIVAS
LAXMINARAYAN, IN
[72] BIRARI, DILIP RAMDAS, IN
[71] CIPLA LIMITED, IN

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[54] **APPAREIL ET PROCEDES DE CRIBLAGE**

[72] BAILEY, MARSHALL GRAHAM, AE
[71] BAILEY, MARSHALL GRAHAM, AE

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[54] **ADMINISTRATION OF HYPOXIA ACTIVATED PRODRUGS AND ANTIANGIOGENIC AGENTS FOR THE TREATMENT OF CANCER**

[54] **ADMINISTRATION DE PROMEDICAMENTS ACTIVES PAR HYPOXIE ET D'AGENTS ANTI-ANGIOGENIQUES POUR LE TRAITEMENT DU CANCER**

[72] HART, CHARLES, US

[72] CURD, JOHN, US

[72] KROLL, STEWART, US

[72] SUN, JESSICA, US

[71] THRESHOLD PHARMACEUTICALS, INC., US

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[72] IVERSEN, STEEN SVENDSTORP, DK

[71] IMAX CORPORATION, CA

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[54] **GENE EXPRESSION ANALYSES FOR CHARACTERIZING AND IDENTIFYING GENOTOXIC COMPOUNDS**

[54] **ANALYSES DE L'EXPRESSION DE GENES POUR CARACTERISER ET IDENTIFIER DES COMPOSES GENOTOXIQUES**

[72] MUELLER, STEFAN, DE

[72] HEWITT, PHILIP, DE

[72] BOEHME, KATHLEEN, DE

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[54] **METHOD, SYSTEM AND DEVICE TO ENSURE STATISTICAL POWER FOR AVERAGE PRE AND POST-PRANDIAL GLUCOSE DIFFERENCE MESSAGING**

[54] **PROCEDE, SYSTEME ET DISPOSITIF ASSURANT UNE PUISSANCE STATISTIQUE POUR L'ENVOI DE MESSAGES RELATIFS A LA DIFFERENCE ENTRE LA GLYCEMIE A JEUN ET LA GLYCEMIE POSTPRANDIALE**

[72] BLYTHE, STEPHEN PATRICK, GB

[72] MALECHA, MICHAEL, GB

[71] LIFESCAN SCOTLAND LIMITED, GB

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[54] **CARTON WITH HANDLE**

[54] **CARTON AYANT UNE POIGNEE**

[72] GONZALEZ, ANA, ES

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

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[54] **SWITCHING APPARATUS FOR A FLUID FLOW**

[54] **DISPOSITIF DE COMMUTATION POUR UN ECOULEMENT DE FLUIDE**

[72] SCHLICHTER, BERNHARD, DE

[72] DEUTSCHMEYER, MANFRED, DE

[71] HYDAC PROCESS TECHNOLOGY GMBH, DE

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[54] **SYSTEME ET PROCEDE POUR AEROSTAT A ENERGIE SOLAIRE**

[72] GOELET, JOHN, US

[71] LTA CORPORATION, US

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[54] **A METHOD FOR X-RAY PHASE CONTRAST AND DARK-FIELD IMAGING USING AN ARRANGEMENT OF GRATINGS IN PLANAR GEOMETRY**

[54] **PROCEDE DE RADIOGRAPHIE A CONTRASTE DE PHASE ET EN CHAMP NOIR UTILISANT UN AGENCEMENT DE RESEAUX EN GEOMETRIE PLANE**

[72] DAVID, CHRISTIAN, DE

[72] STAMPANONI, MARCO, CH

[71] PAUL SCHERRER INSTITUT, CH

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[54] **CHANGE OF RATE MATCHING MODES IN PRESENCE OF CHANNEL STATE INFORMATION REFERENCE SIGNAL TRANSMISSION**

[54] **CHANGEMENT DE MODES D'ADAPTATION DE DEBIT EN PRESENCE DE TRANSMISSION DE SIGNAL DE REFERENCE D'INFORMATIONS D'ETAT DE CANAL**

[72] CHMIEL, MIESZKO, PL

[72] ROMAN, TIMO, FI

[71] NOKIA SIEMENS NETWORKS OY, FI

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[54] **DELIVERY PARTICLES WITH A PLURALITY OF CORES**

[54] **PARTICULES POUR ADMINISTRATION DOTEES D'UNE PLURALITE DE C \square URS**

[72] FERNANDEZ PRIETO, SUSANA, ES

[72] SIMONCELLI, ALBERTO, BE

[72] VEGA, JOSE LUIS, BE

[72] SMETS, JOHAN, BE

[71] THE PROCTER & GAMBLE COMPANY, US

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[54] **NEEDLE SHIELD FOR A SAFETY DEVICE, SAFETY DEVICE AND INJECTION DEVICE**

[54] **ELEMENT DE PROTECTION D'AIGUILLE POUR DISPOSITIF DE SECURITE, DISPOSITIF DE SECURITE ET DISPOSITIF D'INJECTION**

[72] ROBERTS, GARETH, GB

[72] OWEN, SIONED, GB

[72] EKMAN, MATTHEW, GB

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

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[54] **TRIAZINES ET PYRIMIDINES INSECTICIDES**

[72] KENNEDY, ROBERT M., US

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[71] VESTARON CORPORATION, US

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[25] EN	[25] EN	[25] EN
[54] USE OF STIMULATORS AND ACTIVATORS OF SOLUBLE GUANYLATE CYCLASE FOR TREATING SICKLE-CELL ANEMIA AND CONSERVING BLOOD SUBSTITUTES	[54] METHOD FOR TREATING OPHTHALMIC DISEASES USING KINASE INHIBITOR COMPOUNDS IN PRODRUG FORMS	[54] 6,7-DIHYDRO-5H-BENZO[7]ANNULENE DERIVATIVES, PROCESS FOR PREPARATION THEREOF, PHARMACEUTICAL PREPARATIONS COMPRISING THEM, AND THE USE THEREOF FOR PRODUCTION OF MEDICAMENTS
[54] UTILISATION DE STIMULATEURS ET D'ACTIVATEURS DE LA GUANYLATE-CYCLASE SOLUBLE POUR LE TRAITEMENT DE LA DREPANOCYTOSE ET LA CONSERVATION DE SUBSTITUTS SANGUINS	[54] METHODE DE TRAITEMENT DE MALADIES OPHTALMIQUES A L'AIDE DE COMPOSES D'INHIBITEURS DE KINASE SOUS FORME DE PROMEDICAMENTS	[54] DERIVES DE 6,7-DIHYDRO-5H-BENZO[7]ANNULENE, LEUR PROCEDE DE PREPARATION, PREPARATIONS PHARMACEUTIQUES LES CONTENANT ET LEUR UTILISATION POUR LA FABRICATION DE PRODUITS PHARMACEUTIQUES
[72] STASCH, JOHANNES-PETER, DE	[72] LAMPE, JOHN W., US	[72] WINTERMANTEL, TIM, DE
[72] BECKER, EVA-MARIA, DE	[72] SHAVER, SAMMY R., US	[72] MOLLER, CARSTEN, DE
[72] TRUEBEL, HUBERT, DE	[72] WATSON, PAUL S., US	[72] BOTHE, ULRICH, DE
[72] HIMMEL, HERBERT, DE	[71] INSPIRE PHARMACEUTICALS, INC., US	[72] NUBBEMEYER, REINHARD, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE	[85] 2012-12-20	[72] ZORN, LUDWIG, DE
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		[72] BIERER, DONALD, DE
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UNE POUSSIERE DE FOUR A CIMENT**
[72] LESNIAK, THOMAS, US
[72] POLING, CHRISTOPHER, US
[72] D'AMICO, PETER, US
[71] MERCUTEK LLC, US
[85] 2012-12-20
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[72] HERBST, HARALD, AT
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[54] **METHODS FOR NUCLEIC ACID CAPTURE AND SEQUENCING**
[54] **PROCEDES POUR LA CAPTURE ET LE SEQUENCAGE D'ACIDE NUCLEIQUE**
[72] SESHAGIRI, SOMASEKAR, US
[71] GENENTECH, INC., US
[85] 2012-12-20
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[54] **METHOD FOR THE CHARACTERIZATION OF INTERMOLECULAR INTERACTIONS**
[54] **PROCEDE DE CARACTERISATION D'INTERACTIONS INTERMOLECULAIRES**
[72] REICHARDT, NIELS-CHRISTIAN, ES
[72] ETXEBARRIA RUIZ, JUAN, ES
[71] CENTRO DE INVESTIGACION COOPERATIVA EN BIOMATERIALES (CICBIOMAGUNE), ES
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[25] EN
[54] **HETEROARYL-SUBSTITUTED PYRIDINE COMPOUNDS FOR USE AS PESTICIDES**
[54] **COMPOSES HETEROCYCLIQUES UTILISES EN TANT QU'AGENTS DE LUTTE CONTRE LES PARASITES**
[72] BRETSCHEIDER, THOMAS, DE
[72] FISCHER, REINER, DE
[72] FUSSLEIN, MARTIN, DE
[72] JESCHKE, PETER, DE
[72] KOEHLER, ADELINE, DE
[72] KLUTH, JOACHIM, DE
[72] MUEHLTHAU, FRIEDRICH AUGUST, DE
[72] SATO, YOSHITAKA, JP
[72] VOERSTE, ARND, DE
[72] SHIMOJO, EIICHI, JP
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-12-21
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[87] (WO2012/000896)
[30] US (61/359,058) 2010-06-28
[30] EP (10167453.9) 2010-06-28
[30] EP (11159576.5) 2011-03-24

[21] **2,803,696**
[13] A1

[51] **Int.Cl. B64F 1/32 (2006.01) B65G 21/14 (2006.01)**
[25] EN
[54] **CONVEYOR APPARATUS FOR LOADING AND UNLOADING AN AIRCRAFT**
[54] **APPAREIL DE TRANSPORT PERMETTANT DE CHARGER ET DE DECHARGER UN AVION**
[72] MALLAGHAN, RONAN, GB
[71] MALAGHAN ENGINEERING LTD., GB
[85] 2012-12-21
[86] 2011-06-24 (PCT/EP2011/060653)
[87] (WO2012/000908)
[30] GB (1010997.3) 2010-06-30
[30] GB (1105638.9) 2011-04-04

[21] **2,803,697**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BETA CARBOLINE DERIVATIVES USEFUL IN THE TREATMENT OF PROLIFERATIVE DISORDERS**
[54] **DERIVES DE LA BETA-CARBOLINE UTILES DANS LE TRAITEMENT DE TROUBLES PROLIFERATIFS**
[72] FREDERICK, RAPHAEL, BE
[72] MASEREEL, BERNARD, BE
[72] RENIERS, JEREMY, BE
[72] WOUTERS, JOHAN, BE
[72] BRUYERE, CELINE, BE
[72] KISS, ROBERT, BE
[71] FACULTES UNIVERSITAIRES NOTRE DAME DE LA PAIX, BE
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
[85] 2012-12-21
[86] 2011-06-24 (PCT/EP2011/060658)
[87] (WO2011/161256)
[30] US (61/358,609) 2010-06-25
[30] EP (PCT/EP2010/059083) 2010-06-25

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[21] **2,803,698**
[13] A1

[51] **Int.Cl. A63B 21/005 (2006.01) A61B 5/11 (2006.01) G01L 1/00 (2006.01) G06F 19/00 (2011.01) H02P 21/00 (2006.01) A63B 21/002 (2006.01) A63B 71/00 (2006.01)**

[25] EN

[54] **TRAINING APPARATUS, ARRANGEMENT AND METHOD**

[54] **APPAREIL, AGENCEMENT ET PROCEDE D'ENTRAINEMENT**

[72] SAUTER, FLORIAN, DE

[71] EGYM GMBH, DE

[85] 2012-12-21

[86] 2011-06-24 (PCT/EP2011/060663)

[87] (WO2012/000911)

[30] EP (10168003.1) 2010-06-30

[21] **2,803,699**
[13] A1

[51] **Int.Cl. C07D 217/26 (2006.01)**

[25] EN

[54] **SALT AND SOLVATES OF A TETRAHYDROISOQUINOLINE DERIVATIVE**

[54] **SELS ET SOLVATES D'UN DERIVE DE TETRAHYDROISOQUINOLEINE**

[72] MCCARTHY, THOMAS DAVID, AU

[72] KELLY, PETER MICHAEL, NZ

[72] BOYLE, CRAIG JAMES STEWART, GB

[72] EBERLIN, ALEXANDER REDVERS, GB

[71] SPINIFEX PHARMACEUTICALS PTY LTD, AU

[85] 2012-12-21

[86] 2011-07-21 (PCT/GB2011/001096)

[87] (WO2012/010843)

[30] US (61/366,367) 2010-07-21

[21] **2,803,700**
[13] A1

[51] **Int.Cl. B08B 1/04 (2006.01) A47L 7/00 (2006.01) A47L 7/02 (2006.01) E01H 12/00 (2006.01)**

[25] EN

[54] **OIL REMOVAL METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE RETRAIT D'HUILE**

[72] BJAR, MIA, NO

[72] RABBEN, SILJE, NO

[72] MONTAROU, MARIUS HOVER, NO

[72] SKEIE, ARNE, NO

[71] KALIBER INDUSTRIDESIGN AS, NO

[85] 2012-12-21

[86] 2011-06-21 (PCT/GB2011/051164)

[87] (WO2011/161448)

[30] US (61/358,479) 2010-06-25

[30] GB (1010810.8) 2010-06-25

[21] **2,803,701**
[13] A1

[51] **Int.Cl. B67D 1/08 (2006.01)**

[25] EN

[54] **RECYCLABLE VALVE CLOSURE FOR KEG**

[54] **FERMETURE RECYCLABLE A SOUPE POUR FUT**

[72] SMITH, ANDREW, GB

[72] SONZOGNI, SERGIO, IT

[72] WALTON, PHILIP ANDREW, GB

[71] MARABINI, SILVIA ROMANA, IT

[85] 2012-12-21

[86] 2011-06-23 (PCT/GB2011/051178)

[87] (WO2011/161456)

[30] GB (1010660.7) 2010-06-24

[30] GB (1018726.8) 2010-11-05

[21] **2,803,702**
[13] A1

[51] **Int.Cl. E03C 1/046 (2006.01) A01N 43/80 (2006.01)**

[25] EN

[54] **SHOWER STERILISATION SYSTEM AND METHOD OF USE THEREOF**

[54] **SYSTEME DE STERILISATION DE DOUCHE ET SON PROCEDE D'UTILISATION**

[72] FINCH, STEPHEN, GB

[71] FINCH, STEPHEN, GB

[85] 2012-12-21

[86] 2011-06-27 (PCT/GB2011/051214)

[87] (WO2012/001400)

[30] GB (1010808.2) 2010-06-28

[21] **2,803,703**
[13] A1

[51] **Int.Cl. A61J 7/00 (2006.01) A61J 7/04 (2006.01) G07F 13/02 (2006.01)**

[25] EN

[54] **SECURE LIQUID DRUG DISPENSER AND METHOD FOR DELIVERING LIQUID MEDICATION**

[54] **DISPOSITIF SECURISE D'ADMINISTRATION D'UN MEDICAMENT LIQUIDE ET PROCEDE POUR L'ADMINISTRATION D'UN MEDICAMENT LIQUIDE**

[72] PATTHEY, RENE, CH

[71] ETHIMEDIX SA, CH

[85] 2012-12-21

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[87] (WO2011/121372)

[21] **2,803,704**
[13] A1

[51] **Int.Cl. B29C 47/10 (2006.01) B29C 47/92 (2006.01)**

[25] EN

[54] **PLASTICS PROCESSING METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE MATIERES PLASTIQUES**

[72] SEE, MICHAEL D., US

[71] COLORMATRIX HOLDINGS, INC., US

[85] 2012-12-21

[86] 2011-07-05 (PCT/IB2011/001599)

[87] (WO2012/004661)

[30] US (61/362,410) 2010-07-08

[21] **2,803,712**
[13] A1

[51] **Int.Cl. H01R 4/58 (2006.01) E21B 41/00 (2006.01) E21B 43/1185 (2006.01) H01R 13/523 (2006.01)**

[25] EN

[54] **SAFETY DEVICE**

[54] **DISPOSITIF DE SECURITE**

[72] HALLUNDBAEK, JORGEN, DK

[71] WELLTEC A/S, DK

[85] 2012-12-21

[86] 2011-06-30 (PCT/EP2011/061031)

[87] (WO2012/001116)

[30] EP (10167944.7) 2010-06-30

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[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FRACTURING SYSTEM**
[54] **SYSTEME DE FRACTURATION**
[72] HALLUNDBAEK, JORGEN, DK
[72] HAZEL, PAUL, GB
[71] WELLTEC A/S, DK
[85] 2012-12-21
[86] 2011-06-30 (PCT/EP2011/061033)
[87] (WO2012/001118)
[30] EP (10167951.2) 2010-06-30

[21] **2,803,716**
[13] A1

[51] **Int.Cl. B01D 33/11 (2006.01) C02F 3/08 (2006.01)**
[25] EN
[54] **DEVICE FOR TREATING WATER COMPRISING A SOLID FILTER DRUM**
[54] **DISPOSITIF DE TRAITEMENT D'EAU COMPRENANT UN TAMBOUR FILTRANT PLEIN**
[72] SCHMITT, THOMAS, FR
[72] HERTFELDER, NIKOLAI, DE
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2012-12-21
[86] 2011-06-30 (PCT/EP2011/061079)
[87] (WO2012/001136)
[30] FR (1055348) 2010-07-02

[21] **2,803,717**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4439 (2006.01) A61P 25/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **(3-METHYLPYRROLIDIN-3-YL) METHYL PYRIDINYL ETHER DERIVATIVES AND THEIR USE AS NK-3 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE (3-METHYLPYRROLIDINE-3-YL) METHYL PYRIDINYLE ETHER ET LEUR UTILISATION COMME ANTAGONISTES DU RECEPTEUR NK-3**
[72] NETTEKOVEN, MATTHIAS, DE
[72] RATNI, HASANE, FR
[72] VIFIAN, WALTER, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-12-21
[86] 2011-07-04 (PCT/EP2011/061168)
[87] (WO2012/004207)
[30] EP (10 168 688.9) 2010-07-07

[21] **2,803,719**
[13] A1

[51] **Int.Cl. C12P 21/02 (2006.01) C12N 1/15 (2006.01) C12N 5/10 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **PRODUCTION CELL LINE**
[54] **LIGNEE CELLULAIRE PRODUCTRICE**
[72] MATTANOVICH, DIETHARD, AT
[72] DRAGOSITS, MARTIN, AT
[72] GASSER, BRIGITTE, AT
[72] MAURER, MICHAEL, AT
[72] SAUER, MICHAEL, AT
[71] UNIVERSITAET FUER BODENKULTUR WIEN, AT
[85] 2012-12-21
[86] 2011-07-04 (PCT/EP2011/061241)
[87] (WO2012/004226)
[30] EP (10168446.2) 2010-07-05

[21] **2,803,720**
[13] A1

[51] **Int.Cl. E04B 5/48 (2006.01) E04C 2/52 (2006.01) E04G 11/36 (2006.01)**
[25] EN
[54] **A SLAB, OR A SIMILAR LIGHTWEIGHT STRUCTURAL ELEMENT, WHERE ACCESSIBLE FACILITIES CAN BE PLACED**
[54] **COFFRAGE OU ELEMENT DE STRUCTURE SIMILAIRE ALLEGE DANS LEQUEL PEUVENT PASSER DES CONDUITS REPERABLES**
[72] ALARCON GARCIA, ALBERTO, ES
[71] ALARCON GARCIA, ALBERTO, ES
[85] 2012-12-21
[86] 2011-06-24 (PCT/ES2011/070458)
[87] (WO2012/001193)
[30] ES (P 201000839) 2010-06-28

[21] **2,803,721**
[13] A1

[51] **Int.Cl. A61K 31/585 (2006.01) A61K 9/22 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING DROSPIRENONE AND CONTRACEPTIVE KIT**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA DROSPIRENONE ET KIT CONTRACEPTIF**
[72] PERRIN, PHILIPPE, FR
[72] VELADA, JOSE, NL
[72] DROUIN, DOMINIQUE, FR
[71] LABORATORIOS LEON FARMA SA, ES
[85] 2012-12-21
[86] 2011-06-28 (PCT/EP2011/060795)
[87] (WO2012/000981)
[30] EP (10305708.9) 2010-06-29
[30] US (61/368,396) 2010-07-28

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[21] **2,803,723**
[13] A1

[51] **Int.Cl. C12N 15/29 (2006.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **GENE INVOLVED IN THE DEVELOPMENT OF THE SEED**

[54] **GENE IMPLIQUE DANS LE DEVELOPPEMENT DES GRAINES**

[72] GUYON, VIRGINIE, FR

[72] MANAVSKI, NIKOLAY, DE

[72] BRETTSCHEIDER, REINHOLD, DE

[72] WIENAND, UDO, DE

[71] GENOPLANTE-VALOR, FR

[85] 2012-12-21

[86] 2011-06-29 (PCT/EP2011/060878)

[87] (WO2012/001029)

[30] EP (10168039.5) 2010-06-30

[21] **2,803,725**
[13] A1

[51] **Int.Cl. C01B 11/02 (2006.01) B01J 19/32 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF CHLORINE DIOXIDE**

[54] **PROCEDE DE PRODUCTION DE DIOXYDE DE CHLORE**

[72] VILHELMSSON, PER JOHAN HENRIK, SE

[72] PELIN, KALLE HANS THOMAS, SE

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2012-12-21

[86] 2011-07-05 (PCT/EP2011/061262)

[87] (WO2012/004233)

[30] US (61/362,445) 2010-07-08

[30] EP (10168832.3) 2010-07-08

[21] **2,803,727**
[13] A1

[51] **Int.Cl. C10G 49/00 (2006.01) B01J 27/047 (2006.01) B01J 27/049 (2006.01) B01J 31/22 (2006.01) C10G 49/02 (2006.01) C10G 49/04 (2006.01) C10G 49/12 (2006.01) C10G 65/02 (2006.01)**

[25] EN

[54] **HYDROCONVERSION PROCESS FOR HEAVY HYDROCARBONACEOUS FEEDSTOCK**

[54] **PROCEDE D'HYDROCONVERSION POUR UNE CHARGE DE DEPART CONSTITUEE D'HYDROCARBURES LOURDS**

[72] BORREMANS, DIDIER, BE

[72] LACROIX, MAXIME, BE

[72] LE LANNIC-DROMARD, KATELL, FR

[72] ROPARS, MARIE, FR

[72] VENDRELL, GLORIA, FR

[71] TOTAL RAFFINAGE MARKETING, FR

[85] 2012-12-21

[86] 2011-07-05 (PCT/EP2011/061282)

[87] (WO2012/004244)

[30] EP (10305745.1) 2010-07-06

[21] **2,803,729**
[13] A1

[51] **Int.Cl. A21D 13/00 (2006.01) A21C 5/00 (2006.01) A21D 2/26 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MAKING A LOW DENSITY WAFER PRODUCT**

[54] **PROCEDE ET APPAREIL UTILISABLES EN VUE DE LA PRODUCTION D'UN PRODUIT DE TYPE GAUFRETTE DE FAIBLE DENSITE**

[72] ARRACHID, ABDESSAMAD, FR

[72] DE ACUTIS, RODOLFO, GB

[72] POWELL, HUGH, GB

[72] LEADBEATER, RICHARD, GB

[72] COE, STEPHEN, GB

[71] NESTEC S.A., CH

[85] 2012-12-21

[86] 2011-06-28 (PCT/EP2011/060771)

[87] (WO2012/000965)

[30] EP (10168242.5) 2010-07-02

[21] **2,803,730**
[13] A1

[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/44 (2006.01) C08G 18/72 (2006.01) C08G 18/75 (2006.01) C08G 18/78 (2006.01) C09D 175/08 (2006.01)**

[25] EN

[54] **ALIPHATIC POLYUREA COATING, THE METHOD FOR PREPARING THE SAME AND THE USE THEREOF**

[54] **REVETEMENT DE POLYUREE ALIPHATIQUE, SON PROCEDE DE PREPARATION ET SON UTILISATION**

[72] ZHANG, FRANK, CN

[72] SHEN, JIANPING, CN

[71] BAYER INTELLECTUAL PORPERTY GMBH, DE

[85] 2012-12-21

[86] 2011-06-27 (PCT/EP2011/060733)

[87] (WO2012/000944)

[30] CN (201010213488.8) 2010-06-29

[21] **2,803,734**
[13] A1

[51] **Int.Cl. B09C 1/00 (2006.01) B09C 1/02 (2006.01) B09C 1/08 (2006.01)**

[25] FR

[54] **SYSTEM AND METHOD FOR ISOLATING AND DECONTAMINATING A BLOCK OF SOIL**

[54] **SYSTEME ET PROCEDE POUR ISOLER ET DEPOLLUER UN BLOC DE SOL**

[72] BOUSQUET, GUY, FR

[72] LACAZEDIEU, MARC, FR

[72] STUBLER, JEROME, FR

[71] SOLETANCHE FREYSSINET, FR

[85] 2012-12-21

[86] 2011-06-20 (PCT/FR2011/051411)

[87] (WO2011/161366)

[30] FR (1055053) 2010-06-24

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[21] **2,803,739**
[13] A1

[51] **Int.Cl. B64D 15/12 (2006.01) H02P 9/02 (2006.01) H02P 9/46 (2006.01)**
[25] FR
[54] **ELECTRICAL POWER SUPPLY FOR EQUIPMENT CARRIED BY A ROTARY SUPPORT**
[54] **ALIMENTATION ELECTRIQUE DES EQUIPEMENTS PORTES PAR UN SUPPORT ROTATIF**
[72] DE WERGIFOSSE, ERIC, FR
[72] DUVAL, CEDRIC, FR
[71] HISPANO-SUIZA, FR
[85] 2012-12-21
[86] 2011-06-29 (PCT/FR2011/051514)
[87] (WO2012/001302)
[30] FR (1055383) 2010-07-02

[21] **2,803,740**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] FR
[54] **DEVICE FOR DETERMINING OR STUDYING THE STATE OF STIMULATION OF THE NATURAL DEFENCES OF PLANTS OR PORTIONS OF PLANTS**
[54] **DISPOSITIF POUR DETERMINER OU ETUDIER L'ETAT DE STIMULATION DES DEFENSES NATURELLES DE PLANTES OU PARTIES DE PLANTES**
[72] BRISSET, MARIE-NOELLE, FR
[72] DUGE DE BERNONVILLE, THOMAS, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA, FR
[85] 2012-12-21
[86] 2011-06-24 (PCT/FR2011/051470)
[87] (WO2011/161388)
[30] FR (1055042) 2010-06-24

[21] **2,803,742**
[13] A1

[51] **Int.Cl. F16B 7/18 (2006.01)**
[25] EN
[54] **CONSTRUCTION ASSEMBLY FOR SPATIAL STRUCTURE WITH MOVABLE SCREW**
[54] **ENSEMBLE DE CONSTRUCTION POUR STRUCTURE SPATIALE AVEC VIS MOBILE**
[72] BERNARDIN, DIDIER, FR
[71] ASINVENT LIMITED, CN
[85] 2012-12-21
[86] 2010-07-01 (PCT/IB2010/002028)
[87] (WO2012/001452)

[21] **2,803,743**
[13] A1

[51] **Int.Cl. G01N 11/10 (2006.01)**
[25] FR
[54] **METHOD FOR DETECTING MOLECULAR INTERACTIONS**
[54] **PROCEDE DE DETECTION D'INTERACTIONS MOLECULAIRES**
[72] BERNARDI, THIERRY, FR
[72] MAYER, PASCAL, FR
[72] GROELLY, JEROME, FR
[71] BIOFILM CONTROL, FR
[85] 2012-12-21
[86] 2011-06-30 (PCT/FR2011/051528)
[87] (WO2012/001312)
[30] FR (1002810) 2010-07-02
[30] FR (1056678) 2010-08-19

[21] **2,803,744**
[13] A1

[51] **Int.Cl. G01S 19/11 (2010.01) G01S 19/21 (2010.01) G01S 19/22 (2010.01)**
[25] FR
[54] **METHOD OF REDUCING THE GLARE OF A RECEIVER WITHIN A SYSTEM, IN PARTICULAR A GEOLOCATION SYSTEM**
[54] **PROCEDE DE REDUCTION DE L'EBLOUISSEMENT D'UN RECEPTEUR AU SEIN D'UN SYSTEME, NOTAMMENT DE GEOLOCALISATION**
[72] VERVISCH-PICOIS, ALEXANDRE, FR
[72] SAMAMA, NEL, FR
[71] INSTITUT-TELECOM/TELECOM SUDPARIS, FR
[85] 2012-12-21
[86] 2011-07-01 (PCT/IB2011/052915)
[87] (WO2012/001664)
[30] FR (1055313) 2010-07-01

[21] **2,803,745**
[13] A1

[51] **Int.Cl. F16B 7/18 (2006.01)**
[25] EN
[54] **CONSTRUCTION ASSEMBLY FOR SPATIAL STRUCTURE WITH DRIVE SHAFT**
[54] **ENSEMBLE DE CONSTRUCTION POUR STRUCTURE SPATIALE AVEC ARBRE D'ENTRAINEMENT**
[72] BERNARDIN, DIDIER, FR
[71] ASINVENT LIMITED, CN
[85] 2012-12-21
[86] 2010-07-01 (PCT/IB2010/002029)
[87] (WO2012/001453)

[21] **2,803,746**
[13] A1

[51] **Int.Cl. G10K 11/172 (2006.01) B64D 33/02 (2006.01) B64D 33/04 (2006.01) F02C 7/045 (2006.01) F02K 1/82 (2006.01) G10K 11/16 (2006.01)**
[25] FR
[54] **ACOUSTIC PANEL FOR A TURBOJET ENGINE NACELLE, WITH IN-BUILT FASTENERS**
[54] **PANNEAU ACOUSTIQUE POUR NACELLE DE TURBOREACTEUR AVEC MOYENS DE FIXATION INTEGRES**
[72] HURLIN, HERVE, FR
[72] DEZEUSTRE, NICOLAS, FR
[72] BALK, WOUTER, FR
[72] DESJOYEUX, BERTRAND, FR
[71] AIRCELLE, FR
[71] SNECMA, FR
[85] 2012-12-21
[86] 2011-07-07 (PCT/FR2011/051628)
[87] (WO2012/022869)
[30] FR (1056136) 2010-07-27

[21] **2,803,748**
[13] A1

[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **AUTOMATIC POOL CLEANERS AND COMPONENTS THEREOF**
[54] **NETTOYEURS AUTOMATIQUES DE PISCINE ET COMPOSANTS DE CEUX-CI**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] MOORE, MICHAEL EDWARD, ZA
[72] HARBOTTLE, BRUCE DAVID, ZA
[71] ZODIAC POOL CARE EUROPE, FR
[85] 2012-12-21
[86] 2011-06-14 (PCT/IB2011/001333)
[87] (WO2012/001470)
[30] US (61/398,592) 2010-06-28

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[21] **2,803,749**
[13] A1

[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **AUTOMATIC POOL CLEANERS AND COMPONENTS THEREOF**
[54] **NETTOYEURS AUTOMATIQUES DE PISCINE ET COMPOSANTS ASSOCIES**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] MOORE, MICHAEL EDWARD, ZA
[72] HARBOTTLE, BRUCE DAVID, ZA
[71] ZODIAC POOL CARE EUROPE, FR
[85] 2012-12-21
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[87] (WO2012/001471)
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[54] **APPARATUS FOR COOKING AN EGG USING MICROWAVE RADIATION**
[54] **APPAREIL DE CUISSON D'UN □UF A L'AIDE DE RAYONNEMENT HYPERFREQUENCE**
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[54] **STRUCTURE PARAFoudre POUR PALE DE GENERATRICE EOLIENNE**
[72] SUZUKI, JUN, JP
[72] MUTO, ATSUTOSHI, JP
[71] THE JAPAN STEEL WORKS, LTD., JP
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[54] **6-ACYL-1,2,4-TRIAZINE-3,5-DIONE DERIVATIVE AND HERBICIDES**
[54] **DERIVE 6-ACYL-1,2,4-TRIAZINE-3,5-DIONE ET HERBICIDES**
[72] SHIBAYAMA, ATSUSHI, JP
[72] KAJIKI, RYU, JP
[72] KOBAYASHI, MASAMI, JP
[72] MITSUNARI, TAKASHI, JP
[72] NAGAMATSU, ATSUSHI, JP
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[54] **METHODS AND KITS FOR DETECTING AN INFECTIOUS AGENT**
[54] **METHODES ET TROUSSES DE DETECTION D'UN AGENT INFECTIEUX**
[72] ZHANG, AIGUO, US
[72] OKUNIEFF, PAUL, US
[72] ZHANG, LURONG, US
[72] ZHANG, LULU, US
[71] ZHANG, AIGUO, US
[71] DIACARTA LLC, US
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[54] **METHOD AND APPARATUS FOR SELF-THREADING**
[54] **PROCEDE ET APPAREIL POUR AUTO-EPIILATION**
[72] SIVAPALAN, SIVASHANTHAN, CA
[72] BHARATI, SUBODH, CA
[71] ASANI THREADING INC., CA
[85] 2012-12-20
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[54] **BRACHYTHERAPY APPLICATOR DEVICE FOR INSERTION IN A BODY CAVITY**
[54] **DISPOSITIF APPLICATEUR DE BRACHYTHERAPIE DESTINE A ETRE INSERE DANS UNE CAVITE CORPORELLE**
[72] MAKEL, RENE GERARD WILLEM, NL
[72] MORSSINK, PIETER, US
[72] STELLER, HENDRIK, NL
[72] VISSCHER, ARIE LUIITE, NL
[72] VAN DE WARDT, COR, NL
[72] KUIPERS, FRANCISCUS ANTONIUS MARIA, NL
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[54] **DEVICE FOR AN ELEVATOR BAIL AND METHOD OF USING SAME**
[54] **DISPOSITIF POUR UN BRAS D'ELEVATEUR ET SON PROCEDE D'UTILISATION**
[72] OVERLAND, MORTEN, NO
[71] SCAN TECH PRODUKT AS, NO
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[54] **ENERGY TRANSFORMING UNIT AND ENERGY TRANSFORMING SYSTEM COMPRISING SUCH A UNIT**
[54] **UNITE DE TRANSFORMATION D'ENERGIE ET SYSTEME DE TRANSFORMATION D'ENERGIE QUI COMPREND LADITE UNITE**
[72] LUNDBAECK, STIG, SE
[71] CORPOWER OCEAN AB, SE
[85] 2012-12-21
[86] 2011-07-18 (PCT/SE2011/000136)
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[30] US (61/365,015) 2010-07-16
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **AUTOMATIC-LOCKING SAFETY NEEDLE COVERS AND METHODS OF USE AND MANUFACTURE**
[54] **CAPUCHONS D'AIGUILLE DE SECURITE A VERROUILLAGE AUTOMATIQUE ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] RUBINSTEIN, SERGIO, US
[72] ROSENBERG, SAMUEL, US
[72] OUYANG, TIANHONG, US
[72] FOSHEE, DAVID, US
[72] MOSLER, THEODORE, US
[72] GODFREY, MARK W., US
[71] STA-MED, LLC, US
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[54] **CHECKPOINTS FOR A FILE SYSTEM**
[54] **POINTS DE CONTROLE POUR SYSTEME DE FICHIERS**
[72] CARGILLE, JONATHAN M., US
[72] MILLER, THOMAS J., US
[72] TIPTON, WILLIAM R., US
[71] MICROSOFT CORPORATION, US
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[54] **SASH BINDER**
[54] **LIANT POUR CADRE**
[72] VALLER, JESS J., US
[72] SAUNDERS, MELVIN, US
[71] MILGARD MANUFACTURING INCORPORATED, US
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[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR IDENTIFYING A VIDEO OF INTEREST USING A PORTABLE ELECTRONIC DEVICE**
[54] **APPAREIL, SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER UN CONTENU VIDEO D'INTERET EN UTILISANT UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] YAO, KEVIN, US
[71] ECHOSTAR BROADCASTING CORPORATION, US
[85] 2012-12-21
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[54] **AUTOMATIC POOL CLEANERS AND COMPONENTS THEREOF**
[54] **NETTOYEURS AUTOMATIQUES DE PISCINE ET COMPOSANTS DE CEUX-CI**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] MOORE, MICHAEL EDWARD, ZA
[72] HARBOTTLE, BRUCE DAVID, ZA
[71] ZODIAC POOL CARE EUROPE, FR
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[54] **CREATION PROACTIVE DE PRODUITS A BASE D'IMAGE**
[72] WANG, WILEY H., US
[72] MILLER, TRYNN ANNE, US
[72] PREETI, NATHAN, US
[72] CHEN, EUGENE, US
[71] SHUTTERFLY, INC., US
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[54] **MEMORY CARD AND METHOD FOR INITIATION OF STORAGE AND WIRELESS TRANSCIEIVING OF DATA**
[54] **CARTE MEMOIRE ET PROCEDE D'INITIATION DE STOCKAGE ET D'EMISSION-RECEPTION SANS FIL DE DONNEES**
[72] TAN, JOON YONG WAYNE, SG
[71] T-DATA SYSTEMS (S) PTE LTD, SG
[85] 2012-12-21
[86] 2010-06-25 (PCT/SG2010/000237)
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[54] **PROCESS FOR PRODUCING EMULSIFIER-PRODUCING MATERIAL, PROCESS FOR PRODUCING EMULSIFIER, EMULSIFIER FOR ORALLY ADMINISTERED COMPOSITION, AND ORALLY ADMINISTERED COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE MATIERE PRODUISANT UN EMULSIFIANT, PROCEDE DE PRODUCTION D'UN EMULSIFIANT, EMULSIFIANT POUR COMPOSITION A ADMINISTRATION ORALE ET COMPOSITION A ADMINISTRATION ORALE**
[72] TAJIMA, KAZUO, JP
[72] IMAI, YOKO, JP
[71] KANAGAWA UNIVERSITY, JP
[85] 2012-12-21
[86] 2011-06-07 (PCT/JP2011/063016)
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[54] **METHODS OF FORMING GRAPHENE BY GRAPHITE EXFOLIATION**
[54] **PROCEDES DE FORMATION DE GRAPHENE PAR EXFOLIATION DE GRAPHITE**
[72] LOH, KIAN PING, SG
[72] WANG, JUNZHONG, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2012-12-21
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[25] EN
[54] **SPREADER UNIT FOR A DE-ICING MATERIAL AND RESPECTIVE VEHICLE**
[54] **EPANDEUSE DE SUBSTANCE DE DEGIVRAGE, ET VEHICULE UTILISANT CELLE-CI**
[72] GILETTA, ENZO, IT
[71] GILETTA S.P.A., IT
[85] 2012-12-21
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[87] (WO2012/001508)
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[25] EN
[54] **A HEAT EXCHANGER PLATE AND A PLATE HEAT EXCHANGER**
[54] **PLAQUE D'ECHANGEUR THERMIQUE ET ECHANGEUR THERMIQUE A PLAQUES**
[72] ROMLUND, JENS, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2012-12-21
[86] 2010-09-06 (PCT/SE2010/050946)
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[30] SE (1050690-5) 2010-06-24

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[54] **SPLIT NOZZLE WITH CURVED OUTLET**
[54] **BUSE DE REVETEMENT POUR PEINTURE A VISCOSITE ELEVEE**
[72] TOMITA, ICHIO, JP
[72] TAJIMA, KENJI, JP
[72] NAGAI, MITSURU, JP
[72] KAWAI, JUNICHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] AISIN KAKO KABUSHIKI KAISHA, JP
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[54] **DETECTION DE DEGRADATION DE SIGNAL**
[72] JACKSON, ROBERT J.V., US
[72] ZHANG, TIANHUA, US
[72] ELKAISSI, MOUTAZ, US
[72] NGUYEN, HAO, US
[72] SOTELO, JORGE, US
[72] BLACKMAN, WENDELL, US
[72] GOLDEY, GREG, US
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[54] **IL-13 PRODUCING TRI-LIKE CELLS AND USE THEREOF**
[54] **CELLULES DE TYPE TRI PRODUISANT DES IL-13 ET UTILISATION CORRESPONDANTE**
[72] FOUSSAT, ARNAUD, FR
[72] BASTIAN, HERVE, FR
[72] BRUN, VALERIE, FR
[72] QUATANNENS, BRIGITTE, FR
[71] TXCELL, FR
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[54] **CONFIGURING WIRELESS SEISMIC ACQUISITION NETWORKS**
[54] **CONFIGURATION DE RESEAUX D'ACQUISITION DE DONNEES SISMQUES SANS FIL**
[72] GOLPARIAN, DANIEL, NO
[72] DAO, ANH DUC, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **SYSTEMS AND APPARATUS FOR PROTECTING SUBSURFACE CONDUIT AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES ET APPAREIL DE PROTECTION DE CONDUIT SOUTERRAIN ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WEGENER, ROBERT W., US
[71] TERRA TECHNOLOGIES, LLC, US
[85] 2012-12-21
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[54] **DISTRIBUTED SERVER SIDE DEVICE ARCHITECTURE**
[54] **ARCHITECTURE DISTRIBUEE COMPRENANT DES DISPOSITIFS COTE SERVEUR**
[72] MINTZ, SAGY PUNDAK, US
[72] BURNS, MICHAEL J., US
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2012-12-20
[86] 2011-07-08 (PCT/US2011/043353)
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[54] **AD PRIVACY MANAGEMENT**
[54] **GESTION DE CONFIDENTIALITE DE PUBLICITE**
[72] WU, PING, US
[72] KRISHNAKUMAR, ANITA, US
[72] CHANDRA, DEEPAK, US
[71] GOOGLE INC., US
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[25] EN
[54] **ADENOVIRUS AD36 E4ORF1 PROTEIN FOR PREVENTION AND TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE**
[54] **PROTEINE E4ORF1 D'ADENOVIRUS AD36 POUR LA PREVENTION ET LE TRAITEMENT DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE**
[72] DHURANDHAR, NIKHIL, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[54] **GELLED FOAM COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE MOUSSE GELIFIEES ET PROCEDES**
[72] MIQUILENA, EMILIO, MX
[72] ARANGATH, ROBERTO, MX
[72] MILNE, ARTHUR, EC
[72] SALDUNGARAY, PEDRO, MX
[72] HUTCHINS, RICHARD D., US
[72] ALI, SYED, A., US
[72] QUINTERO, BAUDEL WILLIAM, US
[72] LI, LEIMING, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **RESSORT HELICOIDAL**
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[72] MICHIBATA, KAZUHISA, JP
[72] IEIRI, SATOSHI, JP
[72] YAJIMA, TAKASHI, JP
[71] MITSUBISHI STEEL MFG. CO., LTD., JP
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[54] **ANTI-NEUROFILIN ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-NEUROFILINE ET LEURS PROCEDES D'UTILISATION**
[72] SCHMIDT, MAIKE, US
[72] CALLAHAN, CHRIS, US
[72] HONGO, JO-ANNE S., US
[72] KOEPPEN, HARTMUT, US
[72] WATTS, RYAN J., US
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[25] EN
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[54] **CONTENANT A DECHARGEMENT PAR LE BAS**
[72] FLEISCHER, TIMOTHY JOHN, ZA
[71] BULK BOX LOGISTICS (PTY) LIMITED, ZA
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[30] ZA (2010/04442) 2010-06-23

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[54] **VEHICULE D'INSPECTION POUR UN DISQUE DE TURBINE**
[72] BOONE, PAUL J., US
[72] MONACO, JEFFREY, US
[72] NENNO, THOMAS W., US
[72] FREDENBERG, RICHARD, US
[72] ADAMONIS, COREY, US
[72] BACHMAN, BENJAMIN, US
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US
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[54] **DUAL AXIS GEOPHONES FOR PRESSURE/VELOCITY SENSING STREAMERS FORMING A TRIPLE COMPONENT STREAMER**
[54] **GEOPHONES A DOUBLE AXE POUR FLUTES SISMIQUES DE DETECTION DE PRESSION/VITESSE FORMANT UNE FLUTE SISMIQUE A TRIPLE COMPOSANTS**
[72] MAPLES, MIKE, US
[72] HEPP, JOHN S., US
[71] SERCEL, INC., US
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[87] (WO2011/162799)
[30] US (61/356,835) 2010-06-21
[30] US (13/161,896) 2011-06-16

[21] **2,803,796**
[13] A1

[51] **Int.Cl. H04N 7/173 (2011.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTHORIZING ACCESS TO NETWORK SERVICES USING INFORMATION OBTAINED FROM SUBSCRIBER EQUIPMENT**
[54] **SYSTEMES ET PROCEDES D'AUTORISATION D'ACCES A SERVICES DE RESEAU A L'AIDE D'INFORMATIONS OBTENUES D'EQUIPEMENT D'ABONNE**
[72] LANKFORD, DAVID CHARLES, US
[71] SLING MEDIA, INC., US
[85] 2012-12-21
[86] 2011-06-10 (PCT/US2011/039937)
[87] (WO2011/162981)
[30] US (12/821,983) 2010-06-23

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[21] **2,803,797**
[13] A1

[51] **Int.Cl. A61B 5/05 (2006.01)**
[25] EN
[54] **ANALYTE MONITORING METHODS AND SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE SUBSTANCE A ANALYSER**

[72] LIPMAN, KELLEY J., US
[72] GAFFNEY, ROBIN S., US
[72] TANSEY, KIMBERLY J., US
[71] INTUITY MEDICAL, INC., US
[85] 2012-12-21
[86] 2011-06-24 (PCT/US2011/001132)
[87] (WO2011/162823)
[30] US (61/358,825) 2010-06-25

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[51] **Int.Cl. H04N 1/44 (2006.01)**
[25] EN
[54] **DATA TRANSMISSION SECURITY IMPROVEMENTS**
[54] **AMELIORATIONS DANS LA SECURITE DES TRANSMISSIONS DE DONNEES**

[72] OMAR, RALPH MAHMOUD, GB
[71] OMARCO NETWORK SOLUTIONS LIMITED, GB
[85] 2012-12-21
[86] 2011-06-24 (PCT/IB2011/052799)
[87] (WO2011/161660)
[30] GB (1010735.7) 2010-06-25

[21] **2,803,799**
[13] A1

[51] **Int.Cl. G09F 19/00 (2006.01) G06F 13/00 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **INFORMATION-PROVIDING DEVICE, INFORMATION-PROVIDING METHOD, INFORMATION-PROVIDING PROGRAM, AND RECORDING MEDIUM IN WHICH INFORMATION-PROVIDING PROGRAM IS RECORDED**

[54] **DISPOSITIF DE COMMUNICATION D'INFORMATIONS, PROCEDE DE COMMUNICATION D'INFORMATIONS, PROGRAMME DE COMMUNICATION D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT SUR LEQUEL LE PROGRAMME DE COMMUNICATION D'INFORMATIONS EST ENREGISTRE**

[72] SUGIURA, KENJI, JP
[72] SHIROGANE, YASUAKI, JP
[71] RAKUTEN, INC., JP
[85] 2012-12-21
[86] 2011-06-28 (PCT/JP2011/064733)
[87] (WO2012/002350)
[30] JP (2010-147722) 2010-06-29

[21] **2,803,800**
[13] A1

[51] **Int.Cl. A61L 15/18 (2006.01) A43B 13/02 (2006.01) A61C 19/00 (2006.01) A61F 13/12 (2006.01) A61L 15/42 (2006.01) A61L 27/44 (2006.01) A61L 27/50 (2006.01) A61N 5/06 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **INFRARED EMITTING THERAPEUTIC AIDS AND MEDICAL PRODUCTS**
[54] **AUXILIAIRES THERAPEUTIQUES EMETTANT DANS L'INFRAROUGE ET PRODUITS MEDICAUX**

[72] SALTERI, SERGIO ETTORE, IT
[71] SALTERI, SERGIO ETTORE, IT
[85] 2012-12-21
[86] 2011-06-29 (PCT/IB2011/052859)
[87] (WO2012/001639)
[30] IT (BL2010A000010) 2010-07-02
[30] IT (BL2010A000011) 2010-07-05
[30] IT (MI2011A000429) 2011-03-18

[21] **2,803,802**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **PYRROLO- PYRAZINE DERIVATIVES USEFUL AS INHIBITORS OF ATR KINASE**
[54] **DERIVES DE PYRROLO-PYRAZINE UTILES EN TANT QU'INHIBITEURS DE L'ATR KINASE**

[72] CHARRIER, JEAN-DAMIEN, GB
[72] PINDER, JOANNE, GB
[72] KNEGTEL, RONALD MARCELLUS ALPHONSUS, GB
[72] DURRANT, STEVEN JOHN, GB
[72] FRAYSSE, DAMIEN, GB
[72] MACCORMICK, SOMHAIRLE, GB
[72] VIRANI, ANIZA NIZARALI, GB
[72] REAPER, PHILIP MICHAEL, GB
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2012-12-21
[86] 2011-06-23 (PCT/US2011/041705)
[87] (WO2011/163527)
[30] US (61/357,745) 2010-06-23

[21] **2,803,803**
[13] A1

[51] **Int.Cl. H05H 1/24 (2006.01) B82Y 30/00 (2011.01) B01J 19/08 (2006.01) B22F 9/12 (2006.01)**
[25] EN
[54] **PRODUCTION OF ULTRAFINE PARTICLES IN A PLASMA SYSTEM HAVING CONTROLLED PRESSURE ZONES**
[54] **PRODUCTION DE PARTICULES ULTRAFINES DANS UN SYSTEME A PLASMA DOTE DE ZONES A PRESSION REGULEE**

[72] HUNG, CHENG-HUNG, US
[72] VANIER, NOEL R., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2012-12-21
[86] 2011-04-19 (PCT/US2011/033000)
[87] (WO2012/003029)
[30] US (12/824,994) 2010-06-28

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[21] **2,803,804**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, INFORMATION PROCESSING PROGRAM, AND RECORDING MEDIUM IN WHICH INFORMATION PROCESSING PROGRAM IS RECORDED**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS, PROGRAMME DE TRAITEMENT D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT SUR LEQUEL EST ENREGISTRE UN PROGRAMME DE TRAITEMENT D'INFORMATIONS**
[72] SUGIURA, KENJI, JP
[72] SHIROGANE, YASUAKI, JP
[71] RAKUTEN, INC., JP
[85] 2012-12-21
[86] 2011-06-28 (PCT/JP2011/064734)
[87] (WO2012/002351)
[30] JP (2010-147723) 2010-06-29
[30] JP (2010-147720) 2010-06-29
[30] JP (2010-147719) 2010-06-29

[21] **2,803,805**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **GAMING POINT EXCHANGE SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME D'ECHANGE DE POINTS DE JEUX VIDEO**
[72] KUZNETSOV, YURY, US
[71] KUZNETSOV, YURY, US
[85] 2012-12-21
[86] 2010-10-25 (PCT/US2010/053924)
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[30] US (12/823,840) 2010-06-25

[21] **2,803,806**
[13] A1

[51] **Int.Cl. C09K 8/62 (2006.01) C09K 8/80 (2006.01) C09K 8/92 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING**
[54] **FRACTURATION HYDRAULIQUE**
[72] JOHNSON, WILLIAM L., SR., US
[71] ECOPURO, LLC, US
[85] 2012-12-21
[86] 2011-06-23 (PCT/US2011/041707)
[87] (WO2011/163529)
[30] US (61/357,586) 2010-06-23

[21] **2,803,807**
[13] A1

[51] **Int.Cl. B22F 1/00 (2006.01) B22F 3/02 (2006.01)**
[25] EN
[54] **MOLYBDENUM/MOLYBDENUM DISULFIDE METAL ARTICLES AND METHODS FOR PRODUCING SAME**
[54] **ARTICLES METALLIQUES EN MOLYBDENE / DISULFURE DE MOLYBDENE ET PROCEDES POUR PRODUIRE CEUX-CI**
[72] SHAW, MATTHEW C., US
[72] COX, CARL V., US
[72] EPSHTEYN, YAKOV, US
[71] CLIMAX ENGINEERED MATERIALS, LLC, US
[85] 2012-12-21
[86] 2011-06-22 (PCT/US2011/041340)
[87] (WO2012/005943)
[30] US (12/833,458) 2010-07-09

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[13] A1

[51] **Int.Cl. C01B 3/48 (2006.01) H01M 8/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CARBON MONOXIDE SHIFT CONVERSION, AND HYDROGEN PRODUCTION APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE CONVERSION DU MONOXYDE DE CARBONE ET DISPOSITIF DE FABRICATION D'HYDROGENE**
[72] OKADA, OSAMU, JP
[72] NAKAYAMA, MAIKO, JP
[72] MORIMOTO, KAORI, JP
[72] ITO, CHIHIRO, JP
[72] NAGAOKA, KATSUTOSHI, JP
[71] RENAISSANCE ENERGY RESEARCH CORPORATION, JP
[85] 2012-12-21
[86] 2011-07-06 (PCT/JP2011/065428)
[87] (WO2012/005277)
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/14 (2006.01) H04L 29/12 (2006.01) H04M 3/42 (2006.01) H04M 3/46 (2006.01) H04M 3/56 (2006.01) H04M 15/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR TERMINATING COMMUNICATION REQUESTS**

[54] **SYSTEMES ET PROCEDES DE TERMINAISON DE DEMANDES DE COMMUNICATION**

[72] LAZZARO, NICHOLAS P., US

[72] RILEY, JOHN, US

[72] SOUTH, MICHAEL, US

[72] VILLANI, PASQUALE, US

[72] ERICKSON, JOHN, US

[72] HARDY, GREGORY ALAN, US

[72] LEFAR, MARC, US

[72] MCSHERRY, ANDREW JAMES, US

[72] OTTUR, DEEPAK, US

[72] BROCK, ANDREW ROBERT, US

[72] TRIPP, ANDREW H., US

[71] VONAGE NETWORK, LLC, US

[85] 2012-12-21

[86] 2011-06-24 (PCT/US2011/041742)

[87] (WO2011/163547)

[30] US (12/822,970) 2010-06-24

[30] US (12/841,250) 2010-07-22

[30] US (12/841,290) 2010-07-22

[30] US (12/841,258) 2010-07-22

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[30] US (12/841,285) 2010-07-22

[30] US (12/856,140) 2010-08-13

[21] **2,803,810**
[13] A1

[51] **Int.Cl. B64D 45/00 (2006.01) G08G 5/00 (2006.01)**

[25] EN

[54] **DISPLAY APPARATUS, CONTROL SUPPORT SYSTEM, AND DISPLAY METHOD**

[54] **DISPOSITIF D'AFFICHAGE, SYSTEME D'AIDE AU PILOTAGE ET PROCEDE D'AFFICHAGE**

[72] YAMASAKI, KOICHI, JP

[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[71] THE SOCIETY OF JAPANESE AEROSPACE COMPANIES, JP

[85] 2012-12-21

[86] 2011-06-24 (PCT/JP2011/064539)

[87] (WO2012/002276)

[30] JP (2010-151220) 2010-07-01

[21] **2,803,811**
[13] A1

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[54] **MODULAR GUY ANCHOR**

[54] **ANCRE DE HAUBANAGE MODULAIRE**

[72] REYES, JAIME, US

[72] YOU, HANMING, US

[72] ARTISTA, HERNANDO, US

[71] ATC IP LLC, US

[85] 2012-12-21

[86] 2011-04-20 (PCT/US2011/033278)

[87] (WO2012/009036)

[30] US (61/363,646) 2010-07-13

[30] US (12/899,878) 2010-10-07

[21] **2,803,813**
[13] A1

[51] **Int.Cl. B32B 37/10 (2006.01) B32B 27/00 (2006.01) B32B 27/30 (2006.01) H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/02 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **METHOD FOR LAMINATING COMPOSITE SHEET USING RELEASE FILM, LAMINATE FORMED BY SAME METHOD, AND RELEASE FILM USED IN SAME METHOD**

[54] **PROCEDE POUR LA STRATIFICATION DE FEUILLE COMPOSITE METTANT EN OEUVRE UN FILM ANTIADHESIF, STRATIFIE OBTENU PAR LE PROCEDE, ET FILM ANTIADHESIF DESTINE A ETRE UTILISE DANS LE PROCE DE**

[72] OHASHI, NAOKI, JP

[72] NANBA, TAKAFUMI, JP

[71] W. L. GORE & ASSOCIATES, CO., LTD., JP

[85] 2012-12-21

[86] 2011-07-01 (PCT/JP2011/065631)

[87] (WO2012/002579)

[30] JP (2010-151319) 2010-07-01

[21] **2,803,815**
[13] A1

[51] **Int.Cl. C21B 13/10 (2006.01) C21B 11/08 (2006.01) F27D 3/08 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING GRANULAR METALLIC IRON**

[54] **PROCEDE DE PRODUCTION DE FER METALLIQUE GRANULAIRE**

[72] MISAWA, RYOTA, JP

[72] HASHIMOTO, SUMITO, JP

[72] TSUGE, OSAMU, JP

[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP

[85] 2012-12-21

[86] 2011-08-26 (PCT/JP2011/069343)

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[30] JP (2010-192343) 2010-08-30

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[13] A1

[51] **Int.Cl. G01N 23/223 (2006.01) B01D 53/64 (2006.01) B01D 53/86 (2006.01) G01N 1/22 (2006.01)**

[25] EN

[54] **GAS ANALYSIS DEVICE, MERCURY REMOVAL SYSTEM, GAS ANALYSIS METHOD, AND REMOVAL METHOD FOR MERCURY IN FLUE GAS**

[54] **DISPOSITIF D'ANALYSE DE GAZ, SYSTEME D'ELIMINATION DU MERCURE, PROCEDE D'ANALYSE DE GAZ ET PROCEDE D'ELIMINATION DU MERCURE DES GAZ D'ECHAPPEMENT**

[72] KAGAWA, SEIJI, JP
[72] CHIYOMARU, MASARU, JP
[72] UKAI, NOBUYUKI, JP
[72] OKAMOTO, TAKUYA, JP
[72] MURAKAMI, MORITOSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2012-12-21
[86] 2011-09-22 (PCT/JP2011/071710)
[87] (WO2012/043411)
[30] JP (2010-217909) 2010-09-28

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[51] **Int.Cl. A63F 9/00 (2006.01)**

[25] EN

[54] **GAMING TABLE PROTECTING ANTENNAS FROM ELECTROMAGNETIC INTERFERENCES**

[54] **TABLE DE JEU PROTEGEANT LES ANTENNES CONTRE LES INTERFERENCES ELECTROMAGNETIQUES**

[72] GELINOTTE, EMMANUEL, FR
[72] MORENO, FRANCISCO JAVIER, US
[72] GRONAU, GREGORY, US
[72] WOODARD, JUSTIN, US
[71] GAMING PARTNERS INTERNATIONAL USA, INC., US

[85] 2012-12-21
[86] 2011-02-22 (PCT/US2011/025744)
[87] (WO2011/103582)
[30] US (61/306,526) 2010-02-21
[30] US (13/032,211) 2011-02-22

[21] **2,803,819**
[13] A1

[51] **Int.Cl. F25D 23/02 (2006.01) F25D 25/00 (2006.01)**

[25] EN

[54] **REFRIGERATOR AND METHOD OF MANUFACTURING THE SAME**

[54] **REFRIGERATEUR ET SON PROCEDE DE FABRICATION**

[72] YU, SEONIL, KR
[72] CHO, KYEONGCHUL, KR
[72] YEO, INSUN, KR
[72] KWON, HONGSIK, KR
[71] LG ELECTRONICS INC., KR

[85] 2012-12-21
[86] 2011-06-20 (PCT/KR2011/004498)
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[30] KR (10-2010-0058858) 2010-06-22
[30] KR (10-2010-0058853) 2010-06-22

[21] **2,803,820**
[13] A1

[51] **Int.Cl. G01S 5/02 (2010.01) G08C 17/00 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DETERMINING LOCATION FROM WIRELESS SIGNALS**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER UN EMPLACEMENT A PARTIR DE SIGNAUX SANS FIL**

[72] MARINO, NINO, US
[71] SLING MEDIA, INC., US

[85] 2012-12-21
[86] 2011-06-10 (PCT/US2011/039943)
[87] (WO2011/162982)
[30] US (12/820,978) 2010-06-22

[21] **2,803,821**
[13] A1

[51] **Int.Cl. H04W 52/30 (2009.01) H04B 7/26 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING UPLINK DATA IN MOBILE COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL D'ENVOI ET DE RECEPTION DE DONNEES DE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION MOBILE**

[72] KIM, SOENG-HUN, KR
[72] CHO, JOON-YOUNG, KR
[72] VAN LIESHOUT, GERT-JAN, GB
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2012-12-21
[86] 2011-06-22 (PCT/KR2011/004571)
[87] (WO2011/162549)
[30] KR (10-2010-0059025) 2010-06-22
[30] KR (10-2010-0061634) 2010-06-29
[30] KR (10-2010-0097542) 2010-10-06
[30] KR (10-2010-0133202) 2010-12-23

[21] **2,803,824**
[13] A1

[51] **Int.Cl. A62C 35/60 (2006.01) A62C 35/58 (2006.01) A62C 35/68 (2006.01)**

[25] EN

[54] **HIGH NITROGEN AND OTHER INERT GAS ANTI-CORROSION PROTECTION IN WET PIPE FIRE PROTECTION SYSTEM**

[54] **HAUTE PROTECTION ANTICORROSION A L'AZOTE OU AUTRE GAZ INERTE DANS UN SYSTEME DE PROTECTION CONTRE L'INCENDIE A CANALISATIONS HUMIDES**

[72] BURKHART, DAVID J., US
[72] KOCHLEK, JEFFREY T., US
[72] JONES, KENNETH, US
[72] HOLT, THORSTEIN, US
[71] FIRE PROTECTION SYSTEMS CORROSION MANAGEMENT, INC., US

[71] HOLTEC GAS SYSTEMS, US

[85] 2012-12-21
[86] 2011-06-10 (PCT/US2011/040003)
[87] (WO2011/162988)
[30] US (61/357,297) 2010-06-22

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[13] A1

[51] **Int.Cl. C07C 271/14 (2006.01) A61K 31/27 (2006.01) A61P 21/02 (2006.01) C07C 31/42 (2006.01)**

[25] EN

[54] **PHENYL CARBAMATE COMPOUND AND MUSCLE RELAXANT CONTAINING THE SAME**

[54] **COMPOSE DE PHENYL CARBAMATE ET RELAXANT MUSCULAIRE LE CONTENANT**

[72] CHOI, YONG MOON, US

[71] **RELAXANT SOLUTIONS CO., LTD., KR**

[85] 2012-12-21

[86] 2011-07-01 (PCT/KR2011/004862)

[87] (WO2012/002773)

[30] US (61/360,952) 2010-07-02

[21] **2,803,826**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/076 (2006.01)**

[25] EN

[54] **BIOLOGICALLY ACTIVE FOOD ADDITIVE FOR PREVENTING CARDIOVASCULAR DISEASES AND REINFORCING THE CARDIOVASCULAR SYSTEM**

[54] **ADDITIF BIOACTIF POUR ALIMENTS DESTINE A LA PREVENTION DES CAS DE MALADIES CARDIO-VASCULAIRES**

[72] ELISTRATOV, DMITRIY GENNADJEVICH, RU

[71] **OBSHESTVO S OGRANICHENNOJ OTVETSTVENNOSTJU "PARAFARM", RU**

[85] 2012-12-21

[86] 2010-11-25 (PCT/RU2010/000704)

[87] (WO2011/078736)

[30] RU (2009144334) 2009-11-30

[21] **2,803,827**
[13] A1

[51] **Int.Cl. G01T 1/02 (2006.01)**

[25] EN

[54] **FIBER OPTIC RADIOCHROMIC DOSIMETER PROBE AND METHOD TO MAKE THE SAME**

[54] **SONDE DOSIMETRIQUE RADIOCHROMIQUE A FIBRES OPTIQUES, ET SON PROCEDE DE FABRICATION**

[72] RINK, ALEXANDRA, CA

[72] JAFFRAY, DAVID, CA

[72] MERMUT, OZZY, CA

[72] CARON, SERGE, CA

[72] CROTEAU, ANDRE, CA

[72] ROY-MOISAN, FRANCOIS, CA

[71] **UNIVERSITY HEALTH NETWORK, CA**

[71] **INSTITUT NATIONAL D'OPTIQUE, CA**

[85] 2012-12-21

[86] 2011-07-06 (PCT/IB2011/053006)

[87] (WO2012/004757)

[30] US (61/362,082) 2010-07-07

[21] **2,803,829**
[13] A1

[51] **Int.Cl. A61H 23/04 (2006.01) A61H 31/00 (2006.01) A61M 16/00 (2006.01)**

[25] EN

[54] **RESUSCITATION/RESPIRATION SYSTEM**

[54] **SYSTEME DE REANIMATION/RESPIRATION**

[72] HAMILTON, ROBERT M., US

[72] RULIFSON, DONALD, US

[72] KOTALIK, RICHARD J., US

[72] FLOOD, MICHAEL G., US

[71] **AUTOCPR, INC., US**

[85] 2012-12-21

[86] 2009-12-10 (PCT/US2009/067541)

[87] (WO2010/151278)

[30] US (12/493,005) 2009-06-26

[21] **2,803,830**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR THE CONTROLLED DELIVERY OF OPHTHALMIC SOLUTIONS**

[54] **DISPOSITIF ET PROCEDE D'ADMINISTRATION CONTROLEE DE SOLUTIONS OPHTALMIQUES**

[72] HARRIS, DONALD, US

[72] LUTTRELL, MIKE, US

[72] CARPIO, GABRIEL, US

[72] DEWOLFSON, BRUCE H., US

[71] **EUCLID SYSTEMS CORPORATION, US**

[85] 2012-12-21

[86] 2011-06-24 (PCT/US2011/041795)

[87] (WO2011/163574)

[30] US (61/344,307) 2010-06-25

[21] **2,803,831**
[13] A1

[51] **Int.Cl. E21B 10/55 (2006.01) E21B 10/42 (2006.01) E21B 10/62 (2006.01)**

[25] EN

[54] **CUTTING ELEMENTS FOR EARTH-BORING TOOLS, EARTH-BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS, AND METHODS OF FORMING CUTTING ELEMENTS FOR EARTH-BORING TOOLS**

[54] **ELEMENTS DE COUPE POUR OUTILS DE FORAGE, OUTILS DE FORAGE COMPRENANT DE TELS ELEMENTS DE COUPE ET PROCEDES DE FABRICATION D'ELEMENTS DE COUPE POUR OUTILS DE FORAGE**

[72] LYONS, NICHOLAS J., US

[71] **BAKER HUGHES INCORPORATED, US**

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[72] YOU, HANMING, US
[71] ATC IP LLC, US
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[72] KAPLAN, DAVID L., US
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[54] **AUTOMATIC POOL CLEANERS AND COMPONENTS THEREOF APPAREILS DE NETTOYAGE DE PISCINE AUTOMATIQUES ET LEURS COMPOSANTS**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] BAUCKMAN, MARK, US
[72] KLIMAS, DAVID ANDREW, US
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[72] SULLIVAN, ERIC, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **NOVEL NICOTINAMIDE DERIVATIVE OR SALT THEREOF NOUVEAUX DERIVES DE NICOTINAMIDE ET LEURS SELS**
[72] FUJIWARA, HIDEYASU, JP
[72] SATO, KIMIHIKO, JP
[72] MIZUMOTO, SHINSUKE, JP
[72] SATO, YUICHIRO, JP
[72] KURIHARA, HIDEKI, JP
[72] KUBO, YOHEI, JP
[72] NAKATA, HIYOKU, JP
[72] BABA, YASUTAKA, JP
[72] TAMURA, TAKASHI, JP
[72] KUNIYOSHI, HIDENOBU, JP
[72] HAGIWARA, SHINJI, JP
[72] YAMAMOTO, MARI, JP
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[54] **HEAT TRANSFER COMPOSITIONS OF HYDROFLUOROCARBONS AND A HYDROFLUOROOLEFIN**

[54] **COMPOSITIONS DE TRANSFERT THERMIQUE D'HYDROFLUOROCARBURES ET D'UNE HYDROFLUROOLEFINE**

[72] RACHED, WISSAM, FR
[72] VAN HORN, BRETT L., US
[72] SPLETZER, STEPHEN, US
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[54] **TISSUE RETRACTOR ASSEMBLY**

[54] **ENSEMBLE ECARTEUR DE TISSU**

[72] RANSDEN, JEFFREY, US
[72] WEAVER, GREGOR, US
[72] LEHMAN, ADAM, US
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[54] **SERVEUR MANDATAIRE FIX**

[72] MOITOSO, ROBERT MANUEL, US
[72] HENDERSON, DONALD PATRICK, US
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[54] **PROCESS FOR THE SELECTIVE PRODUCTION OF HYDROCARBON BASED FUELS FROM ALGAE UTILIZING WATER AT SUBCRITICAL CONDITIONS**

[54] **PROCEDE POUR LA PRODUCTION SELECTIVE DE CARBURANTS A BASE D'HYDROCARBURES A PARTIR D'ALGUES UTILISANT DE L'EAU DANS DES CONDITIONS SOUS-CRITIQUES**

[72] HATCHER, PATRICK G., US
[72] SALMON, ELODIE, US
[71] OLD DOMINION UNIVERSITY RESEARCH FOUNDATION, US
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[54] **ARTICLES WITH REWRITABLE WRITING SURFACES AND METHODS FOR MAKING AND USING SAME**

[54] **ARTICLES AVEC SURFACES D'ECRITURE REINSCRIPTIBLES ET PROCEDES POUR FABRIQUER ET UTILISER CEUX-CI**

[72] GUSTAFSON, FREDERICK J., US
[72] JING, NAIYONG, US
[72] RIDDLE, JUSTIN A., US
[72] BASTIAENS, WILLEM V., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **CURABLE EPOXY RESIN COMPOSITIONS AND COMPOSITES MADE THEREFROM**

[54] **COMPOSITIONS DE RESINE EPOXYDE DURCISSABLES ET COMPOSITES FABRIQUES A PARTIR DE CELLES-CI**

[72] THEOFANOUS, THEOFANIS, US
[72] VERGHESE, KANDATHIL, E., US
[72] JACOB, GEORGE, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **POLYTHIOETHER POLYMERS, METHODS FOR PREPARATION THEREOF, AND COMPOSITIONS COMPRISING THEM**

[54] **POLYMERES DE POLYTHIOETHER, PROCEDES DE PREPARATION DE CEUX-CI ET COMPOSITIONS COMPRENANT CES POLYMERES**

[72] KANIA, CHARLES M., US
[72] LIN, RENHE, US
[72] RAO, CHANDRA B., US
[71] PRC-DESOTO INTERNATIONAL, INC., US
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[54] **SECONDARY WATER INJECTION FOR DIFFUSION COMBUSTION SYSTEMS**

[54] **INJECTION D'EAU SECONDAIRE POUR SYSTEMES DE COMBUSTION A DIFFUSION**

[72] ABOU-JAUDE, KHALIL F., US
[72] MUMFORD, STEPHEN E., US
[71] SIEMENS ENERGY, INC., US
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[54] **AN OPTICAL SYSTEM DEMONSTRATING IMPROVED RESISTANCE TO OPTICALLY DEGRADING EXTERNAL EFFECTS**

[54] **SYSTEME OPTIQUE PRESENTANT UNE RESISTANCE AMELIOREE A DES EFFETS EXTERNES OPTIQUEMENT DEGRADANTS**

[72] STEENBLIK, RICHARD A., US
[72] HURT, MARK J., US
[72] CAPE, SAMUEL M., US
[72] JORDAN, GREGORY R., US
[71] VISUAL PHYSICS, LLC, US
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[54] **IMMUNOSUPPRESSION MODULATING COMPOUNDS**

[54] **COMPOSES MODULATEURS DE L'IMMUNOSUPPRESSION**

[72] SASIKUMAR, POTTAYIL
GOVINDAN NAIR, IN
[72] RAMACHANDRA, MURALIDHARA, IN
[72] VADLAMANI, SURESH KUMAR, IN
[72] VEMULA, KOTESWARA RAO, IN
[72] SATYAM, LEENA KHARE, IN
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[54] **RADIO COMMUNICATION METHOD AND RADIO COMMUNICATION APPARATUS**

[54] **PROCEDE DE COMMUNICATION SANS FIL ET DISPOSITIF DE COMMUNICATION SANS FIL**

[72] YANO, TETSUYA, JP
[72] KAWASAKI, YOSHIHIRO, JP
[72] OHTA, YOSHIKI, JP
[72] OBUCHI, KAZUHISA, JP
[71] FUJITSU LIMITED, JP
[85] 2012-12-21
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[54] **MACHINE TRANSLATION SYSTEM AND METHOD OF MACHINE TRANSLATION**

[54] **SYSTEME DE TRADUCTION AUTOMATIQUE ET PROCEDE DE TRADUCTION AUTOMATIQUE**

[72] MASUKO, SOH, JP
[71] RAKUTEN, INC., JP
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[54] **SOURIS A CHAINE LEGERE HYBRIDE**

[72] MACDONALD, LYNN, US
[72] STEVENS, SEAN, US
[72] GURER, CAGAN, US
[72] MURPHY, ANDREW J., US
[72] HOSIAWA, KAROLINA A., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[72] FAN, TERESA WHEI-MEI, US
[72] LANE, ANDREW NICHOLAS, US
[72] HIGASHI, RICHARD M., US
[72] BOUSAMRA, MICHAEL, US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
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[54] **DRYING METHOD FOR CERAMIC GREENWARE**

[54] **PROCEDE DE SECHAGE POUR CERAMIQUE CRUE**

[72] CLARK, TERENCE J., US

[72] O'BRIEN, JAMES J., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

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[51] **Int.Cl. A61N 1/39 (2006.01)**

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[54] **PULSE PARAMETERS AND ELECTRODE CONFIGURATIONS FOR REDUCING PATIENT DISCOMFORT FROM DEFIBRILLATION**

[54] **PARAMETRES D'IMPULSION ET CONFIGURATIONS D'ELECTRODES POUR REDUIRE LA GENE POUR LE PATIENT OCCASIONNEE PAR LA DEFIBRILLATION**

[72] AZAR, LAZARO SALOMON, IL

[72] LIVNAT, AVI ALLON, IL

[71] RAFAEL DEVELOPMENT CORPORATION LTD., IL

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[30] US (12/823,507) 2010-06-25

[30] US (61/398,665) 2010-06-30

[30] US (61/400,017) 2010-07-22

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[13] A1

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[54] **PLANTS WITH ALTERED LEVELS OF VEGETATIVE STARCH**

[54] **PLANTES A NIVEAUX MODIFIES D'AMIDON VEGETAL**

[72] LESSARD, PHILIP A., US

[72] LANAHAN, MICHAEL, US

[72] SAMOYLOV, VLADIMIR, US

[72] BOUGRI, OLEG, US

[72] EMERY, JONAS, US

[72] RAAB, R. MICHAEL, US

[71] AGRIVIDA, INC., US

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[13] A1

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[54] **MODULAR STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE MODULAIRE**

[72] KHARKOVER, ILIA, IL

[72] MONASTYRSKY, YAKOV, IL

[71] KHARKOVER, ILIA, IL

[71] MONASTYRSKY, YAKOV, IL

[85] 2012-09-05

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[13] A1

[51] **Int.Cl. A61F 5/00 (2006.01) A61M 25/10 (2013.01)**

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[54] **OROGASTRIC CATHETER FOR LONGITUDINAL GASTRECTOMY**

[54] **SONDE OROGASTRIQUE DE GASTRECTOMIE LONGITUDINALE**

[72] NOCCA, DAVID, FR

[71] MEDICAL INNOVATION DEVELOPPEMENT, FR

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[13] A1

[51] **Int.Cl. A61F 6/14 (2006.01) A61F 5/48 (2006.01) A61K 31/56 (2006.01)**

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[54] **METHODS OF TREATING CONDITIONS ASSOCIATED WITH OVERACTIVE BLADDER**

[54] **METHODES DE TRAITEMENT D'ETATS ASSOCIES A UNE VESSIE HYPERACTIVE**

[72] MAHASHABDE, ANU, US

[72] TSAO, JIAXIANG, US

[71] TEVA WOMEN'S HEALTH, INC., US

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[30] US (61/357,321) 2010-06-22

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[13] A1

[51] **Int.Cl. G01N 33/12 (2006.01)**

[25] FR

[54] **METHOD FOR EVALUATING THE QUANTITY OF METHANE PRODUCED BY A RUMINANT USED FOR MEAT PRODUCTION**

[54] **PROCEDE D'EVALUATION DE LA QUANTITE DE METHANE PRODUITE PAR UN RUMINANT DIT "A VIANDE"**

[72] WEILL, PIERRE, FR

[72] CHESNEAU, GUILLAUME, FR

[72] GUERIN, AUDE, FR

[71] VALOREX, FR

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[87] (WO2012/130340)

[30] FR (1055243) 2010-06-29

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[13] A1

[51] **Int.Cl. A61F 6/14 (2006.01) A61F 5/48 (2006.01) A61K 31/56 (2006.01)**

[25] EN

[54] **INTRAVAGINAL DEVICES COMPRISING ANTICHOLINERGIC AGENTS, AND METHODS OF MAKING THEREOF**

[54] **DISPOSITIFS INTRA-VAGINAUX COMPORTANT DES AGENTS CHOLINOLYTIQUES, ET LEURS PROCEDES DE FABRICATION**

[72] MAHASHABDE, ANU, US
[72] TSAO, JIAXIANG, US
[71] TEVA WOMEN'S HEALTH, INC., US
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[21] **2,803,875**
[13] A1

[51] **Int.Cl. E02B 15/06 (2006.01) B63B 35/32 (2006.01) C02F 1/40 (2006.01)**

[25] EN

[54] **ONBOARD OIL CONTAINMENT SYSTEM**

[54] **SYSTEME EMBARQUE DE CONFINEMENT DE PETROLE**

[72] MILLER, MICHAEL T. D., US
[72] BOLDOR, DORIN, US
[72] ORTEGO, JEFFREY D., US
[71] MILLER, MICHAEL T. D., US
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[86] 2011-06-22 (PCT/US2011/041480)
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[51] **Int.Cl. A61K 41/00 (2006.01) C07D 487/22 (2006.01) C09B 69/00 (2006.01) G01N 33/52 (2006.01) C09B 23/00 (2006.01) C09B 47/04 (2006.01)**

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[54] **METALLATION ENHANCEMENTS IN TUMOR-IMAGING AND PDT THERAPY**

[54] **AMELIORATIONS PAR METALLISATION DE L'IMAGERIE TUMORALE ET DE LA THERAPIE PDT**

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[72] HEINZ, BAUMANN, US
[72] CHEN, YIHUI, US
[72] JOSHI, PENNY, US
[72] PATEL, NAYAN, US
[71] HEALTH RESEARCH, INC., US
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[30] US (61/361,718) 2010-07-06

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[54] **MOUNTING ARRANGEMENT FOR A PRESSURIZED IRRIGATION SYSTEM**

[54] **DISPOSITIF DE MONTAGE POUR SYSTEME D'IRRIGATION A PRESSION**

[72] WILSON, DANIEL J., US
[72] CHON, JAMES Y., US
[71] ALCON RESEARCH, LTD., US
[85] 2012-12-21
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[51] **Int.Cl. C12N 9/92 (2006.01) C12P 7/06 (2006.01)**

[25] EN

[54] **IMPROVED XYLOSE UTILIZATION IN RECOMBINANT ZYMONOMAS HAVING ADDITIONAL XYLOSE ISOMERASE ACTIVITY**

[54] **CONSOMMATION AMELIOREE DU XYLOSE DANS DES ZYMONOMAS RECOMBINANTS PRESENTANT UNE ACTIVITE SUPPLEMENTAIRE DE XYLOSE ISOMERASE**

[72] KAHSAY, ROBEL Y., US
[72] QI, MIN, US
[72] TAO, LUAN, US
[72] VIITANEN, PAUL V., US
[72] YANG, JIANJUN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **COMPOSITIONS AND METHODS FOR MODULATING THE WNT SIGNALING PATHWAY**

[54] **COMPOSITIONS ET PROCEDES POUR MODULER LA VOIE DE SIGNALISATION WNT**

[72] CHENG, DAI, US
[72] ZHANG, GUOBAO, US
[72] HAN, DONG, US
[72] GAO, WENQI, US
[72] PAN, SHIFENG, US
[72] SHEN, LICHUN, US
[72] LELETI, RAJENDER REDDY, US
[71] IRM LLC, BM
[71] NOVARTIS AG, CH
[85] 2012-12-21
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[54] **COMPOUNDS FOR THE INHIBITION OF CELLULAR PROLIFERATION**

[54] **COMPOSES POUR INHIBER LA PROLIFERATION CELLULAIRE**

[72] CHOREV, MICHAEL, US
[72] AKTAS, BERTAL HUSEYIN, US
[72] HALPERIN, JOSE A., US
[72] WAGNER, GERHARD, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

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[54] **FLUID FLOW RATE COMPENSATION SYSTEM USING AN INTEGRATED CONDUCTIVITY SENSOR TO MONITOR TUBING CHANGES**

[54] **SYSTEME DE COMPENSATION DE DEBIT DE FLUIDE UTILISANT UN CAPTEUR DE CONDUCTIVITE INTEGRE POUR SURVEILLER DES CHANGEMENTS DE TUBULURE**

[72] JOHNSON, THOMAS, US
[72] BRUMUND, RYAN, US
[72] MCNEELY, JAMES, US
[71] HOSPIRA, INC., US

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[30] US (61/357,660) 2010-06-23
[30] US (13/165,490) 2011-06-21

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01) C12N 15/63 (2006.01)**

[25] EN
[54] **TREATMENT OF SODIUM CHANNEL, VOLTAGE-GATED, ALPHA SUBUNIT (SCNA) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO SCNA**

[54] **TRAITEMENT DE MALADIES LIEES A LA SOUS-UNITE ALPHA DU CANAL SODIQUE VOLTAGE-DEPENDANT (SCNA) PAR INHIBITION DU PRODUIT DE TRANSCRIPTION NATUREL ANTISENS A LA SCNA**

[72] COLLARD, JOSEPH, US
[72] KHORKOVA SHERMAN, OLGA, US
[72] DE LEON, BELINDA, US
[72] COITO, CARLOS, US
[72] HSIAO, JANE H., US
[71] CURNA, INC., US

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[13] A1

[51] **Int.Cl. C08L 9/06 (2006.01) C08K 3/36 (2006.01) C08K 5/103 (2006.01) C08L 9/00 (2006.01) C08L 55/00 (2006.01)**

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[54] **TIRE TREAD FOR HIGH PERFORMANCE TIRES**

[54] **BANDE DE ROULEMENT DE PNEU DESTINEE A DES PNEUS HAUTE PERFORMANCE**

[72] THOMPSON, WILLIAM MARSHALL, US
[72] SAINTIGNY, XAVIER, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR

[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH

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[54] **WELL WATCHMAN PUMPING AND CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE ET DE POMPAGE WELL WATCHMAN**

[72] LISK, MIKE, US
[71] LISK, MIKE, US
[85] 2012-12-21
[86] 2011-06-23 (PCT/US2011/041694)
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[54] **NON-INVASIVE BLOOD PRESSURE SENSOR**

[54] **CAPTEUR NON INVASIF DE TENSION ARTERIELLE**

[72] LEC, RYSZARD M., US
[71] DREXEL UNIVERSITY, US

[85] 2012-12-21
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[51] **Int.Cl. E04H 12/34 (2006.01)**

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[54] **FLUID-ACTUATED TELESCOPING TOWER FOR SUPPORTING HEAVY LOADS**

[54] **TOUR TELESCOPIQUE ACTIONNEE PAR FLUIDE POUR SUPPORT DE CHARGES LOURDES**

[72] SCHMIDT, PHILLIP M., US
[71] SCHMIDT, PHILLIP M., US

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[87] (WO2011/163585)
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[54] **CONVENIENTLY ASSEMBLABLE INTERACTIVE SYSTEMS**

[54] **SYSTEMES INTERACTIFS POUVANT ETRE FACILEMENT ASSEMBLES**

[72] MACDONALD, DOUGLAS, US

[72] HELTON, JOHN, US

[72] MILLER, DALE, US

[72] BOYLE, MICHAEL, US

[72] HILDEBRANDT, PETER W., US

[72] JESSEN, JOHNNY FUGLSANG, DK

[72] MONTAGUE, EDGAR B., US

[72] CAMARDA, JEANLUC, CA

[72] PRANG, HEINRIK SOERENSEN, DK

[71] POLYVISION CORPORATION, US

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[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/033 (2013.01)**

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[54] **ACTIVATION OBJECTS FOR INTERACTIVE SYSTEMS**

[54] **OBJETS D'ACTIVATION POUR SYSTEMES INTERACTIFS**

[72] HILDEBRANDT, PETER W., US

[72] HOFMANN, NEAL A., US

[72] KVALVLE, BRAND C., US

[71] POLYVISION CORPORATION, US

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[72] PARHI, AJIT, US

[72] PILCH, DANIEL S., US

[72] LAVOIE, EDMOND J., US

[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US

[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US

[85] 2012-12-21

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[30] US (61/358,759) 2010-06-25

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[51] **Int.Cl. E04B 7/12 (2006.01) E04B 7/20 (2006.01)**

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[54] **ROOF PANEL SPACER**

[54] **CALE D'ESPACEMENT DE PANNEAUX DE TOIT**

[72] MORA, ELIAS (DECEASED), US

[71] FORMULA PLASTICS, INC., US

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[54] **DETERMINISTIC CLEAVE OF OPTICAL FIBER**

[54] **CLIVAGE DETERMINISTE DE FIBRE OPTIQUE**

[72] BARNOKI, MICHAEL K., US

[72] GULATI, SURESH T., US

[72] HUI, KING-FU, US

[72] KECK, DONALD, US

[72] POWELL, WILLIAM R., US

[72] VALLANCE, R. RYAN, US

[71] NANOPRECISION PRODUCTS, INC., US

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[87] (WO2012/006127)

[30] US (61/359,327) 2010-06-28

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[51] **Int.Cl. A61F 2/16 (2006.01) A61F 9/00 (2006.01) A61F 9/007 (2006.01)**

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[54] **ACCOMMODATING INTRAOCULAR LENS WITH DEFORMABLE MATERIAL**

[54] **LENTILLE INTRAOCULAIRE ACCOMMODATIVE COMPORTANT UN MATERIAU DEFORMABLE**

[72] SCHWIEGERLING, JAMES T., US

[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US

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[54] **DEVICES AND METHODS FOR PROCESSING A BIOMATERIAL IN A CLOSED SYSTEM**

[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT D'UN BIOMATERIAU DANS UN SYSTEME CLOS**

[72] SIEMS, KIMBERLY ANN, US

[72] SHERWOOD, SONYA OLABISI AMELIA MEHEUX, US

[72] ALEKSANDROVA, KRASIMIRA LAMBEVA, DE

[72] ARSENIIEV, LUBOMIR, DE

[71] CYTONET, LLC, US

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[30] US (61/361,722) 2010-07-06

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[51] **Int.Cl. A23L 1/0562 (2006.01) A23L 1/06 (2006.01) A23L 1/187 (2006.01)**

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[54] **COMPOSITION AND METHOD FOR PREPARING FROZEN GELATIN DESSERT**

[54] **COMPOSITION ET PROCEDE DE PREPARATION D'UN DESSERT CONGELE CONTENANT DE LA GELATINE**

[72] GARCIA, CLAUDIA MORENO, MX

[72] MAYA, IGNACIO LUCAS, MX

[71] RICH PRODUCTS CORPORATION, US

[85] 2012-12-21

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[54] **DIESEL FUEL ADDITIVE**

[54] **ADDITIF DE CARBURANT DIESEL**

[72] SHASTRI, P.N., US

[71] AARMONIA CHEMICALS PRIVATE, LTD., IN

[85] 2012-12-21

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[51] **Int.Cl. A61M 35/00 (2006.01)**

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[54] **DRUG DELIVERY DEVICE WITH NEEDLES AND ROLLER**

[54] **DISPOSITIF DE DISTRIBUTION DE MEDICAMENT AVEC AIGUILLES ET ROULEAU**

[72] ZIMMERMAN, YOTAM, IL

[72] WALDMAN, AMIR, IL

[71] ROLLER JET LTD., IL

[85] 2012-12-21

[86] 2011-07-05 (PCT/US2011/042912)

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[51] **Int.Cl. H01B 1/02 (2006.01) B22F 1/00 (2006.01) B22F 3/12 (2006.01) B22F 3/15 (2006.01) B22F 9/04 (2006.01) B29B 9/12 (2006.01) B32B 15/00 (2006.01) C23C 14/14 (2006.01) C23C 14/34 (2006.01)**

[25] EN

[54] **POTASSIUM/MOLYBDENUM COMPOSITE METAL POWDERS, POWDER BLENDS, PRODUCTS THEREOF, AND METHODS FOR PRODUCING PHOTOVOLTAIC CELLS**

[54] **POUDRES METALLIQUES COMPOSITES DE POTASSIUM/MOLYBDENE, MELANGES DE POUDRES, PRODUITS CORRESPONDANTS ET PROCEDES POUR LA PRODUCTION DE CELLULES PHOTOVOLTAIQUES**

[72] HONECKER, DAVID, US

[72] CARDUCCI, MICHAEL, US

[72] COX, CARL, US

[72] MICHALUK, CHRISTOPHER, US

[71] CLIMAX ENGINEERED MATERIALS, LLC, US

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[51] **Int.Cl. A61K 31/498 (2006.01) A61K 31/517 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**

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[54] **COMBINATIONS OF KINASE INHIBITORS FOR THE TREATMENT OF CANCER**

[54] **ASSOCIATIONS D'INHIBITEURS DE KINASES DESTINEES AU TRAITEMENT DU CANCER**

[72] ARTEAGA, CARLOS L., US

[72] AFTAB, DANA T., US

[72] BLANC, VERONIQUE, FR

[72] CHAKRABARTY, ANINDITA, US

[72] CHIRON-BLONDEL, MARIELLE, FR

[72] NICOLAZZI, CELINE, FR

[72] RINEHART, CAMMIE, US

[72] VINCENT, LOIC, FR

[71] EXELIXIS, INC., US

[71] SANOFI, FR

[71] VANDERBILT UNIVERSITY, US

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[54] **METHOD OF CLEANSING HAIR**

[54] **PROCEDE POUR LAVER LES CHEVEUX**

[72] HUTTON, HOWARD DAVID, III, US

[72] SCHEIBEL, JEFFREY JOHN, US

[72] KITKO, DAVID JOHNATHAN, US

[72] XU, JUN, US

[72] SAUNDERS, CHARLES WINSTON, US

[72] PRICE, KENNETH NATHAN, US

[72] URBIN, STEPHANIE ANN, US

[72] GREEN, PHILLIP RICHARD, US

[71] THE PROCTER & GAMBLE COMPANY, US

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[13] A1

[51] **Int.Cl. C22B 5/06 (2006.01) C01F 7/06 (2006.01) C22B 5/10 (2006.01)**

[25] EN

[54] **PROCESS FOR EXTRACTING METALS FROM ALUMINO-FERROUS, TITANO-FERROUS ORES OR RESIDUES**

[54] **PROCEDE D'EXTRACTION DE METAUX CONTENUS DANS DES RESIDUS ET DES MINERAIS ALUMINO-FERREUX ET TITANO-FERREUX**

[72] GHARDA, KEKI HORMUSJI, IN

[71] GHARDA, KEKI HORMUSJI, IN

[85] 2012-12-24

[86] 2011-06-06 (PCT/IN2011/000376)

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[30] IN (1909/MUM/2010) 2010-06-30

[21] **2,803,904**
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[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/56 (2006.01) C08F 20/06 (2006.01) C09K 8/00 (2006.01)**

[25] EN

[54] **METHOD FOR DISPERSING AND AGGREGATING COMPONENTS OF MINERAL SLURRIES AND HIGH-MOLECULAR WEIGHT MULTIVALENT POLYMERS FOR CLAY AGGREGATION**

[54] **PROCEDE DE DISPERSION ET D'AGREGATION DE COMPOSANTS DE SUSPENSIONS MINERALES ET POLYMERES MULTIVALENTS A POIDS MOLECULAIRE ELEVE POUR AGREGATION D'ARGILE**

[72] SORTWELL, EDWIN T., US

[71] SORTWELL & CO., US

[85] 2012-12-21

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[30] US (61/367,812) 2010-07-26

[30] US (61/367,834) 2010-07-26

[30] US (61/382,862) 2010-09-14

[30] US (61/420,100) 2010-12-06

[30] US (61/447,539) 2011-02-28

[30] US (61/491,058) 2011-05-27

[21] **2,803,905**
[13] A1

[51] **Int.Cl. H04J 99/00 (2009.01) H04B 7/04 (2006.01)**

[25] EN

[54] **TRANSMISSION METHOD, TRANSMISSION DEVICE, RECEPTION METHOD, AND RECEPTION DEVICE**

[54] **PROCEDE DE TRANSMISSION, DISPOSITIF DE TRANSMISSION, PROCEDE DE RECEPTION ET DISPOSITIF DE RECEPTION**

[72] MURAKAMI, YUTAKA, JP

[72] KIMURA, TOMOHIRO, JP

[72] OUCHI, MIKIHIRO, JP

[71] PANASONIC CORPORATION, JP

[85] 2012-12-24

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[30] JP (2010-234061) 2010-10-18

[30] JP (2010-275164) 2010-12-09

[21] **2,803,906**
[13] A1

[51] **Int.Cl. H04J 99/00 (2009.01) H04B 7/04 (2006.01)**

[25] EN

[54] **SIGNAL GENERATION METHOD AND SIGNAL GENERATION DEVICE**

[54] **PROCEDE DE GENERATION DE SIGNAUX ET DISPOSITIF DE GENERATION DE SIGNAUX**

[72] MURAKAMI, YUTAKA, JP

[72] KIMURA, TOMOHIRO, JP

[72] OUCHI, MIKIHIRO, JP

[71] PANASONIC CORPORATION, JP

[85] 2012-12-24

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[87] (WO2012/077299)

[30] JP (2010-276448) 2010-12-10

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[30] JP (2011-033770) 2011-02-18

[30] JP (2011-051841) 2011-03-09

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[51] **Int.Cl. C21C 5/48 (2006.01) C21C 5/52 (2006.01) C21C 7/072 (2006.01)**
[25] EN
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[54] **BUSE DE SOUFFLAGE DE GAZ**
[72] IMAI, SHINOBU, JP
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[54] **INK COMPOSITION, INKJET RECORDING METHOD, AND COLORED MATERIAL**
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[72] MATSUI, TAKAHIKO, JP
[72] YOSHIMOTO, TAKASHI, JP
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[54] **INK COMPOSITION, INKJET RECORDING METHOD AND COLORED BODY**
[54] **COMPOSITION D'ENCRE, PROCEDE D'ENREGISTREMENT A JET D'ENCRE ET CORPS COLORE**
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[72] FRIESEN, KIM GENE, US
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[54] **TUMOR GROWTH CONTROLLING METHOD TARGETING GALACTOSYLCERAMIDE EXPRESSION FACTOR-1**
[54] **PROCEDE DE REGULATION DE LA CROISSANCE TUMORALE CIBLANT LE FACTEUR 1 D'EXPRESSION DU GALACTOSYLCERAMIDE**
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[71] ABACUS SOLUTIONS INTERNATIONAL B.V., NL
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[71] AMO WAVEFRONT SCIENCES LLC, US
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[72] ALFREDS, KIM L., US
[71] ALFRED & ALFRED, INC., US
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[54] **DERIVES D'ACIDES CYCLOALKYL- ET CYCLOALCENYL-1,2-DICARBOXYLIQUES PRESENTANT UNE ACTIVITE AGONISTE OU ANTAGONISTE DU RECEPTEUR FPRL-1**
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[72] DONELLO, JOHN E., US
[72] VULIGONDA, VIDYASAGAR, US
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[54] **ENSEMBLE ET METHODE D'ECLAIRAGE**
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[71] KLIK SYSTEMS AUSTRALIA PTY LTD, AU
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[54] **METHODES DE TRAITEMENT UTILISANT L'ACIDE STERCULIQUE**
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[72] HUANG, JIAHN-DAR, US
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[72] LEE, JUNG, WHA, US
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[54] **ENSEMBLE DE SOUPAPE D'EMBRAYAGE VISQUEUX**
[72] GEVERS, WILLIAM FRANCIS, US
[72] SVELA, DEREK, US
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[54] **DISPOSITIF DE REGULATION DU DRAINAGE D'UNE PLAIE**
[72] STUBBER, RAYMOND LAWRENCE, AU
[71] RESEARCH MEDICAL PTY LTD, AU
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[54] **SYSTEMES DE TRAITEMENT D'EAU ET METHODE UTILISANT DES RAYONNEMENTS UV**

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[72] KOLSTAD, DAVID, US
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[54] **PLURAL COMPONENT COATING APPLICATION SYSTEM WITH A COMPRESSED GAS FLUSHING SYSTEM AND SPRAY TIP FLIP MECHANISM**

[54] **SYSTEME D'APPLICATION DE REVETEMENT A PLUSIEURS COMPOSANTS AVEC SYSTEME DE PURGE A GAZ COMPRI ME ET MECANISME DE BASCULEMENT D'EMBOUT DE PULVERISATION**

[72] TAYLOR, SIDNEY, US
[72] ROGALA, STANLEY, US
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[54] **PROCEDE ET SYSTEME DE SELECTION D'UNE TECHNOLOGIE D'ACCES RADIO**

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[54] **REVETEMENTS DE SURFACE A FAIBLE FRICTION ET PROCEDES POUR PRODUIRE CEUX-CI**

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[72] SHAW, MATTHEW C., US
[72] EPSHTEYN, YAKOV, US
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[54] **SEQUENCES DE LA LACTOFERRINE, COMPOSITIONS ET METHODES DE TRAITEMENT DE LESIONS RETINIENNES**

[72] ASHBY, BENJAMIN DAVID, AU
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[54] **METHOD FOR ANALYZING BIOLOGICAL SPECIMENS BY SPECTRAL IMAGING**

[54] **PROCEDE POUR L'ANALYSE D'ECHANTILLONS BIOLOGIQUES PAR IMAGERIE SPECTRALE**

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[72] BIRD, BENJAMIN, US
[72] MILJKOVIC, MILOS, US
[72] REMISZEWSKI, STANLEY, H., US
[71] NORTHEASTERN UNIVERSITY, US
[71] CIRECA THERANOSTICS, LLC, US
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[54] **COMPOSITION FOR PREVENTION AND TREATMENT OF CONTACT LENS PAPILLARY CONJUNCTIVITIS AND ALLERGIC EYE DISEASE**

[54] **COMPOSITION DESTINEE A LA PREVENTION ET AU TRAITEMENT D'UNE CONJONCTIVITE PAPILLAIRE DUE A DES LENTILLES DE CONTACT ET DE MALADIES OCULAIRES ALLERGIQUES**

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[54] **REACTIFS ET PROCEDES POUR LE DIAGNOSTIC DE CONDITIONS ASSOCIEES A L'HIF 1-? HYDROXYLE**

[72] CANIGGIA, ISABELLA, CA

[72] POST, MARTIN, CA

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[25] EN

[54] **METHOD AND APPARATUS FOR GROWING PHOTOSYNTHETIC ORGANISMS**

[54] **PROCEDE ET APPAREIL DESTINES A FAIRE CROITRE DES ORGANISMES PHOTOSYNTHETIQUES**

[72] STAMMBACH, MARC RENE, AU

[72] DE NYS, ROCKY, AU

[72] HEIMANN, KIRSTEN, AU

[72] MANGOTT, ARNOLD, AU

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[54] **APPLICATION OF A PCR SEQUENCING METHOD, BASED ON DNA BARCODING TECHNIQUE AND DNA INCOMPLETE SHEARING STRATEGY, IN HLA GENOTYPING**

[54] **NOUVELLE METHODE DE SEQUENCAGE PAR PCR ET SON UTILISATION DANS LE GENOTYPAGE HLA**

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[72] CHEN, SHIPING, CN

[72] ZHANG, XIANDONG, CN

[72] LIU, YING, CN

[72] ZHANG, CAIFEN, CN

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[54] **METHOD FOR PRODUCING AUTOLOGOUS PROTEINS**

[54] **PROCEDE DE PREPARATION DE PROTEINES AUTOLOGUES**

[72] SCHNEIDER, ULRICH, DE

[71] ARTHROGEN GMBH, DE

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[54] **SYSTEMES DE COLORANTS CATALYSES**

[72] BLACKBURN, RICHARD SIMON, GB

[72] MCGOWAN, PATRICK COLUMBA, GB

[72] PASK, CHRISTOPHER MARTIN, GB

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[54] **VACUUM CEMENTING SYSTEM**

[54] **SYSTEME DE CIMENTATION SOUS VIDE**

[72] VOGT, SEBASTIAN, DE

[72] BUECHNER, HUBERT, DE

[72] SCHNIEBER, TIM, DE

[71] HERAEUS MEDICAL GMBH, DE

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[54] **PROCEDE PERMETTANT D'ISOLER DES PROTEINES SELIANT A TOUTE SEQUENCE D'ACIDE NUCLEIQUE INTERESSANTE**

[72] FUCHS, ROBERT, FR

[72] FUJII, SHINGO, FR

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[25] EN

[54] **METHOD OF ASSEMBLING A TUBULAR BUILDING STRUCTURE BY USING SCREW SOCKETS**

[54] **PROCEDE D'ASSEMBLAGE D'UNE STRUCTURE DE CONSTRUCTION TUBULAIRE A L'AIDE DE MANCHONS A VIS**

[72] ANDRESEN, TOM, DK

[71] ANDRESEN TOWERS A/S, DK

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[54] **PROCEDE POUR LA PREPARATION D'ETHANOL ET D'ALCOOLS SUPERIEURS**

[72] NIELSEN, POUL ERIK HØJLUND, DK

[72] TEMEL, BURCIN, DK

[72] BEATO, PABLO, DK

[71] HALDOR TOPSOEE A/S, DK

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[54] **ANALOGUES DE TUBULYSINE**

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[72] PANDO MOREJON, ORLANDO, DE

[71] LEIBNIZ-INSTITUT FUER PFLANZENBIOCHEMIE, DE

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[54] **HIDDEN FASTENER FORMED IN SITU DURING ATTACHMENT OF SHEATHING ONTO A SUPPORT MEMBER**

[54] **AGRAFE DISSIMULEE FORMEE IN SITU LORS DE LA FIXATION DE REVETEMENT SUR UN ELEMENT DE SUPPORT**

[72] MARTEL, DAVID, US

[71] OMG, INC., US

[85] 2012-12-24

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[51] **Int.Cl. B32B 27/20 (2006.01) B32B 27/08 (2006.01)**

[25] EN

[54] **MULTI-LAYER ARTICLES CAPABLE OF FORMING COLOR IMAGES AND METHODS OF FORMING COLOR IMAGES**

[54] **ARTICLES MULTICOUCHES APTES A FORMER DES IMAGES COULEUR ET PROCEDES DE FORMATION D'IMAGES COULEUR**

[72] DUNN, DOUGLAS S., US

[72] MERRILL, WILLIAM WARD, US

[72] MARKOWICZ, PRZEMYSŁAW P., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2012-12-24

[86] 2011-06-27 (PCT/US2011/042004)

[87] (WO2012/012118)

[30] US (61/360,022) 2010-06-30

PCT Applications Entering the National Phase

[21] **2,803,951**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A PAGED UPDATE PROTOCOL**
[54] **PROCEDE ET APPAREIL POUR UN PROTOCOLE DE MISE A JOUR PAGINE**

[72] GROSSE, ALEXANDER, DE
[72] SCHMIDT, ANDREAS, DE
[72] WEIGEL, FELIX, DE
[72] CLEMENS, KONSTANTIN, DE
[71] NOKIA CORPORATION, FI
[85] 2012-12-27
[86] 2011-06-10 (PCT/FI2011/050546)
[87] (WO2012/001229)
[30] US (12/824,971) 2010-06-28

[21] **2,803,952**
[13] A1

[51] **Int.Cl. E03C 1/044 (2006.01)**
[25] EN
[54] **HIGHLY STABLE BETA-CLASS CARBONIC ANHYDRASES USEFUL IN CARBON CAPTURE SYSTEMS**
[54] **ANHYDRASES CARBONIQUES DE CLASSE BETA TRES STABLES ET UTILES DANS DES SYSTEMES DE CAPTURE DU CARBONE**

[72] ALVIZO, OSCAR, US
[72] BENOIT, MIKE, US
[72] NOVICK, SCOTT, US
[71] CODEXIS, INC., US
[85] 2012-12-24
[86] 2011-06-30 (PCT/US2011/042563)
[87] (WO2012/003299)
[30] US (61/360,040) 2010-06-30
[30] US (61/445,996) 2011-02-23

[21] **2,803,953**
[13] A1

[51] **Int.Cl. A45C 7/00 (2006.01) A45F 3/06 (2006.01) A45F 3/08 (2006.01) A45F 3/10 (2006.01)**

[25] EN
[54] **IMPROVED BACKPACK**
[54] **SAC A DOS PERFECTIONNE**

[72] BOON, PHILIP, GB
[72] CARRUTHERS, IAN, CA
[71] BOON, PHILIP, GB
[71] CARRUTHERS, IAN, CA
[85] 2012-12-27
[86] 2010-07-12 (PCT/GB2010/051140)
[87] (WO2011/007163)
[30] GB (0912130.2) 2009-07-11
[30] GB (0912131.0) 2009-07-11
[30] GB (0912132.8) 2009-07-11

[21] **2,803,955**
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01)**
[25] EN
[54] **PROVISION OF WOUND FILLER**
[54] **PRODUCTION D'UN PRODUIT DE REMPLISSAGE DES PLAIES**

[72] HICKS, JOHN KENNETH, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2012-12-27
[86] 2011-07-01 (PCT/GB2011/000998)
[87] (WO2012/001371)
[30] GB (1011173.0) 2010-07-02

[21] **2,803,957**
[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01)**
[25] EN
[54] **OILFIELD EQUIPMENT AND RELATED APPARATUS AND METHOD**
[54] **EQUIPEMENT DE CHAMP PETROLIFERE, APPAREIL ET PROCEDE AFFERENTS**

[72] BAILEY, THOMAS F., US
[72] TILTON, FREDERICK THOMAS, US
[72] HANNEGAN, DON M., US
[72] ANDERSON, WAYBOURN J., JR, US
[72] HARRALL, SIMON J, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2012-12-27
[86] 2011-06-28 (PCT/GB2011/051219)
[87] (WO2012/001402)
[30] US (12/824,934) 2010-06-28

[21] **2,803,958**
[13] A1

[51] **Int.Cl. B64C 39/02 (2006.01) D07B 1/14 (2006.01) H04B 7/185 (2006.01)**

[25] EN
[54] **HIGH ALTITUDE PLATFORM**
[54] **PLATE-FORME DE HAUTE ALTITUDE**

[72] DAVIDSON, PETER, GB
[72] HUNT, HUGH EDMUND MURRAY, GB
[72] BURGOYNE, CHRISTOPHER JOHN, GB
[71] DAVIDSON TECHNOLOGY LIMITED, GB
[85] 2012-12-27
[86] 2011-06-14 (PCT/GB2011/051109)
[87] (WO2012/013950)
[30] GB (1012864.3) 2010-07-30
[30] GB (1015807.9) 2010-09-21
[30] GB (1017685.7) 2010-10-20

[21] **2,803,959**
[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **CHEMICALLY MODIFIED CARBONIC ANHYDRASES USEFUL IN CARBON CAPTURE SYSTEMS**
[54] **ANHYDRASES CARBONIQUES CHIMIQUEMENT MODIFIEES, UTILES DANS LES SYSTEMES DE CAPTURE DU CARBONE**

[72] NOVICK, SCOTT, US
[72] ALVIZO, OSCAR, US
[71] CODEXIS, INC., US
[85] 2012-12-24
[86] 2011-06-30 (PCT/US2011/042620)
[87] (WO2012/003336)
[30] US (61/360,040) 2010-06-30
[30] US (61/445,996) 2011-02-23
[30] US (61/492,758) 2011-06-02

[21] **2,803,960**
[13] A1

[51] **Int.Cl. C08K 5/20 (2006.01) H01L 31/048 (2006.01)**

[25] EN
[54] **PRODUCTION OF SOLAR CELL MODULES**
[54] **FABRICATION DE MODULES DE CELLULES SOLAIRES**

[72] BATTENHAUSEN, PETER, DE
[72] BECKER, ERNST, DE
[72] SCHULTES, KLAUS, DE
[72] STROHKARK, SVEN, DE
[71] EVONIK ROEHM GMBH, DE
[85] 2012-12-24
[86] 2011-06-01 (PCT/EP2011/059002)
[87] (WO2011/160925)
[30] DE (102010030508.1) 2010-06-25

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[21] **2,803,961**
[13] A1

[51] **Int.Cl. A61K 35/30 (2006.01) C12N 5/0797 (2010.01) G01N 33/50 (2006.01)**

[25] EN

[54] **THERAPEUTIC USE OF NEURAL STEM CELLS**

[54] **UTILISATION THERAPEUTIQUE DE CELLULES SOUCHES NEURALES**

[72] CORTELING, RANDOLPH, GB

[72] HICKS, CAROLINE, GB

[72] SINDEN, JOHN, GB

[72] PRICE, JACK, GB

[71] RENEURON LIMITED, GB

[85] 2012-12-27

[86] 2011-07-11 (PCT/GB2011/051289)

[87] (WO2012/004611)

[30] GB (1011589.7) 2010-07-09

[21] **2,803,962**
[13] A1

[51] **Int.Cl. G01N 30/32 (2006.01) F04B 19/00 (2006.01) F04B 19/04 (2006.01)**

[25] EN

[54] **MINIATURE HPLC DEVICE**

[54] **DISPOSITIF CLHP MINIATURISE**

[72] CASEY, DUNCAN ROBERT, GB

[72] KAPLINSKY, JOSEPH JOHN, GB

[72] SALEHI-REYHANI, ALI, GB

[71] IMPERIAL INNOVATIONS LTD, GB

[85] 2012-12-27

[86] 2011-06-27 (PCT/GB2011/051217)

[87] (WO2011/161481)

[30] GB (1010737.3) 2010-06-25

[21] **2,803,963**
[13] A1

[51] **Int.Cl. B22C 9/02 (2006.01) B22C 9/10 (2006.01) B61F 1/00 (2006.01)**

[25] EN

[54] **SIDE FRAME AND BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME**

[54] **CHASSIS LATERAL ET TRAVERSE DANSEUSE POUR UN BOGGIE ET LEUR PROCEDE DE FABRICATION**

[72] GOTLUND, ERIK, US

[72] MAKARY, VAUGHN, US

[71] NEVIS INDUSTRIES LLC, US

[85] 2012-12-24

[86] 2012-05-15 (PCT/US2012/037880)

[87] (WO2012/158663)

[30] US (13/109,880) 2011-05-17

[21] **2,803,964**
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01)**

[25] EN

[54] **PANEL WITH IMPROVED COUPLING MEANS**

[54] **PANNEAU AVEC MOYENS D'ACCROUPEMENT AMELIORES**

[72] MICHEL, YVES, BE

[71] KREAFIN GROUP SA, LU

[85] 2012-12-27

[86] 2011-06-30 (PCT/IB2011/001536)

[87] (WO2012/001503)

[30] BE (2010/0391) 2010-06-30

[30] BE (2011/0018) 2011-01-14

[21] **2,803,965**
[13] A1

[51] **Int.Cl. G02F 1/35 (2006.01) H01S 3/00 (2006.01)**

[25] EN

[54] **A DEVICE FOR INCREASING THE SPECTRAL BANDWIDTH OF OPTICAL PULSES AS WELL AS AN ARRANGEMENT AND A METHOD FOR REDUCING THE DURATION OF OPTICAL PULSES WITH THE USE OF SUCH A DEVICE**

[54] **DISPOSITIF PERMETTANT D'ACCROITRE LA LARGEUR DE BANDE SPECTRALE D'IMPULSIONS OPTIQUES, ET AGENCEMENT ET PROCEDE PERMETTANT DE REDUIRE LA DUREE D'IMPULSIONS OPTIQUES A L'AIDE DE CE DISPOSITIF**

[72] TEMPEA, GABRIEL-FLORIN, AT

[71] FEMTOLASERS PRODUKTIONS GMBH, AT

[85] 2012-12-27

[86] 2011-05-23 (PCT/EP2011/058358)

[87] (WO2012/000719)

[30] US (12/826,917) 2010-06-30

[21] **2,803,966**
[13] A1

[51] **Int.Cl. B22C 9/02 (2006.01) B22C 9/10 (2006.01) B61F 1/00 (2006.01)**

[25] EN

[54] **SIDE FRAME AND BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME**

[54] **CHASSIS LATERAL ET TRAVERSE DANSEUSE POUR UN BOGGIE ET LEUR PROCEDE DE FABRICATION**

[72] GOTLUND, ERIK, US

[72] WERNER, MAUREEN, US

[72] MAKARY, VAUGHN, US

[71] NEVIS INDUSTRIES LLC, US

[85] 2012-12-24

[86] 2012-05-15 (PCT/US2012/037905)

[87] (WO2012/158677)

[30] US (13/109,843) 2011-05-17

[21] **2,803,967**
[13] A1

[51] **Int.Cl. B22C 9/02 (2006.01) B22C 9/10 (2006.01) B61F 1/00 (2006.01)**

[25] EN

[54] **SIDE FRAME AND BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME**

[54] **LONGERON LATERAL ET TRAVERSE DANSEUSE POUR UN BOGIE DE VEHICULE SUR RAIL ET PROCEDE DE FABRICATION**

[72] GOTLUND, ERIK, US

[72] MAKARY, VAUGHN, US

[72] SALAMASICK, NICK, US

[71] NEVIS INDUSTRIES LLC, US

[85] 2012-12-24

[86] 2012-05-15 (PCT/US2012/037946)

[87] (WO2012/158695)

[30] US (13/109,870) 2011-05-17

[21] **2,803,968**
[13] A1

[51] **Int.Cl. H05B 33/08 (2006.01)**

[25] EN

[54] **LED LIGHT SIGNAL**

[54] **SIGNAL LUMINEUX LED**

[72] BERG, EIKE, DE

[72] ECKL, ROLF, DE

[72] POEPPLOW, NORBERT, DE

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2012-12-27

[86] 2011-06-09 (PCT/EP2011/059585)

[87] (WO2012/000762)

[30] DE (10 2010 026 012.6) 2010-06-29

PCT Applications Entering the National Phase

[21] **2,803,969**
[13] A1

[51] **Int.Cl. B22C 9/02 (2006.01) B22C 9/10 (2006.01) B61F 1/00 (2006.01)**

[25] EN

[54] **SIDE FRAME AND BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME**

[54] **CADRE LATÉRAL ET TRAVERSE POUR UN WAGON FERROVIAIRE ET PROCÉDE DE FABRICATION ASSOCIÉ**

[72] GOTLUND, ERICK, US
[72] MAKARY, VAUGHN, US
[72] SALAMASICK, NICK, US
[71] NEVIS INDUSTRIES LLC, US
[85] 2012-12-24
[86] 2012-05-15 (PCT/US2012/037984)
[87] (WO2012/158713)
[30] US (13/109,866) 2011-05-17

[21] **2,803,970**
[13] A1

[51] **Int.Cl. C01B 7/01 (2006.01) F22B 1/22 (2006.01) F22G 1/14 (2006.01)**

[25] EN

[54] **APPARATUS FOR HCL SYNTHESIS WITH STEAM RAISING**

[54] **DISPOSITIF DE SYNTHÈSE DE HCL AVEC PRODUCTION DE VAPEUR**

[72] FRANZ, MARCUS, DE
[72] GOETZ, SOEREN, DE
[71] SGL CARBON SE, DE
[85] 2012-12-27
[86] 2011-06-22 (PCT/EP2011/060413)
[87] (WO2012/000859)
[30] DE (10 2010 030 832.3) 2010-07-01

[21] **2,803,971**
[13] A1

[51] **Int.Cl. C07D 213/85 (2006.01) A61K 31/44 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **SUBSTITUTED DICYANOPYRIDINES AND USE THEREOF**

[54] **DICYANOPYRIDINES SUBSTITUEES ET UTILISATION DESDITES DICYANOPYRIDINES SUBSTITUEES**

[72] VAKALOPOULOS, ALEXANDROS, DE
[72] MEIBOM, DANIEL, DE
[72] NELL, PETER, DE
[72] SUESSMEIER, FRANK, DE
[72] ALBRECHT-KUEPPER, BARBARA, DE
[72] ZIMMERMANN, KATJA, DE
[72] KELDENICH, JOERG, DE
[72] SCHNEIDER, DIRK, DE
[72] KRENZ, URSULA, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-12-27
[86] 2011-06-27 (PCT/EP2011/060735)
[87] (WO2012/000945)
[30] DE (102010030688.6) 2010-06-30

[21] **2,803,972**
[13] A1

[51] **Int.Cl. F28D 9/00 (2006.01) F28F 21/04 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER PLATE, PLATE HEAT EXCHANGER PROVIDED THEREWITH, AND METHOD FOR MANUFACTURING A PLATE HEAT EXCHANGER**

[54] **PLAQUE D'ECHANGE DE CHALEUR, ECHANGEUR DE CHALEUR A PLAQUES POURVU DE LADITE PLAQUE ET PROCÉDE DE FABRICATION D'UN ECHANGEUR DE CHALEUR A PLAQUES**

[72] FRANZ, MARCUS, DE
[72] REITZ, MATTHIAS, DE
[71] SGL CARBON SE, DE
[85] 2012-12-24
[86] 2011-06-09 (PCT/EP2011/059638)
[87] (WO2012/000767)
[30] DE (10 2010 030 781.5) 2010-06-30

[21] **2,803,973**
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 47/40 (2006.01) A01P 3/00 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **SYNERGISTIC ACTIVE INGREDIENT COMBINATIONS CONTAINING PENFLUFEN**

[54] **COMBINAISONS DE PRINCIPES ACTIFS**

[72] HUNGENBERG, HEIKE, DE
[72] SUTY-HEINZE, ANNE, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-12-27
[86] 2011-06-27 (PCT/EP2011/060737)
[87] (WO2012/000946)
[30] US (61/360,077) 2010-06-30
[30] EP (10167887.8) 2010-06-30

[21] **2,803,974**
[13] A1

[51] **Int.Cl. B64C 1/26 (2006.01) B29C 70/30 (2006.01) B32B 37/14 (2006.01) B64F 5/00 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING A CENTRAL WING BOX**

[54] **PROCÉDE DE RÉALISATION D'UN CAISSON CENTRAL DE VOILURE**

[72] BLOT, PHILIPPE, FR
[72] COLMAGRO, JEROME, FR
[72] SOULA, DENIS, FR
[72] GUILLEMAUT, JULIEN, FR
[72] LE HETET, THOMAS, FR
[72] GUITTARD, DOMINIQUE, FR
[71] AIRBUS OPERATIONS SAS, FR
[85] 2012-12-27
[86] 2011-06-24 (PCT/FR2011/051467)
[87] (WO2012/004490)
[30] FR (10 55615) 2010-07-09

[21] **2,803,975**
[13] A1

[51] **Int.Cl. A45D 24/10 (2006.01) A45D 24/36 (2006.01)**

[25] EN

[54] **A COMB**

[54] **PEIGNE**

[72] WIGMORE, ROGER, GB
[71] DENMAN INTERNATIONAL LIMITED, GB
[85] 2012-12-27
[86] 2011-10-12 (PCT/EP2011/067814)
[87] (WO2012/049212)
[30] GB (1017161.9) 2010-10-12

Demandes PCT entrant en phase nationale

[21] **2,803,976**
[13] A1

[51] **Int.Cl. H04W 48/18 (2009.01) H04W 28/24 (2009.01) H04W 88/06 (2009.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR RADIO ACCESS TECHNOLOGY SELECTION**

[54] **PROCEDE ET SYSTEME PERMETTANT DE SELECTIONNER UNE TECHNOLOGIE D'ACCES RADIO**

[72] EKICI, OZGUR, CA
[72] PRODANOS, DIMITRIOS, CA
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2012-12-24
[86] 2011-06-28 (PCT/CA2011/000741)
[87] (WO2012/000085)
[30] US (61/359,332) 2010-06-28

[21] **2,803,978**
[13] A1

[51] **Int.Cl. C11C 3/00 (2006.01)**

[25] FR

[54] **METHOD FOR FUNCTIONALIZING NATURAL FATTY SUBSTANCES**

[54] **PROCEDE DE FONCTIONNALISATION DE CORPS GRAS D'ORIGINE NATURELLE**

[72] CAILLOL, SYLVAIN, FR
[72] BOUTEVIN, BERNARD, FR
[72] DESROCHES, MYRIAM, FR
[71] UNIVERSITE MONTPELLIER 2, SCIENCES ET TECHNIQUES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER, FR
[85] 2012-12-27
[86] 2011-06-30 (PCT/FR2011/051532)
[87] (WO2012/001315)
[30] FR (10 02738) 2010-06-30

[21] **2,803,979**
[13] A1

[51] **Int.Cl. F17C 13/00 (2006.01) B32B 3/12 (2006.01) B32B 3/26 (2006.01) B60K 15/00 (2006.01) F16L 9/14 (2006.01) F17C 1/02 (2006.01)**

[25] EN

[54] **FLUID CONTAINER**

[54] **RECIPIENT POUR FLUIDE**

[72] WEISBERG, ANDREW, US
[71] H2SAFE, LLC, US
[85] 2012-12-27
[86] 2011-06-29 (PCT/US2011/042439)
[87] (WO2012/006183)
[30] US (61/359,502) 2010-06-29
[30] US (13/172,386) 2011-06-29

[21] **2,803,980**
[13] A1

[51] **Int.Cl. A61K 9/30 (2006.01) A23L 1/30 (2006.01) A61K 9/46 (2006.01) A61K 35/60 (2006.01)**

[25] EN

[54] **COATED EFFERVESCENT TABLET**

[54] **COMPRIME EFFERVESCENT ENROBE**

[72] WAHREN, ROBERT, SE
[72] SKJAEVESTAD, BJORN, NO
[71] DELANTE HEALTH AS, NO
[85] 2012-12-27
[86] 2011-06-29 (PCT/SE2011/050864)
[87] (WO2012/002891)
[30] SE (1050722-6) 2010-07-01
[30] US (61/362,132) 2010-07-07

[21] **2,803,981**
[13] A1

[51] **Int.Cl. B64C 25/16 (2006.01) B64F 5/00 (2006.01)**

[25] FR

[54] **METHOD FOR ADJUSTING THE DOORS OF A LANDING GEAR BAY, AND ASSOCIATED DOOR**

[54] **PROCEDE DE REGLAGE DES TRAPPES DE CASE DE TRAIN D'ATTERISSAGE ET TRAPPE DE MISE EN OEUVE**

[72] GLEYZE, GILBERT, FR
[71] AIRBUS OPERATIONS SAS, FR
[85] 2012-12-27
[86] 2011-07-05 (PCT/FR2011/051577)
[87] (WO2012/004510)
[30] FR (1055634) 2010-07-09

[21] **2,803,982**
[13] A1

[51] **Int.Cl. C07K 14/37 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12N 15/82 (2006.01) C12P 19/02 (2006.01)**

[25] EN

[54] **POLYPEPTIDE HAVING BETA-GLUCOSIDASE ACTIVITY AND USES THEREOF**

[54] **POLYPEPTIDE DOTE D'UNE ACTIVITE DE BETA-GLUCOSIDASE ET SES UTILISATIONS**

[72] SCHOONEVELD-BERGMANS, MARGOT ELISABETH FRANCOISE, NL
[72] HEIJNE, WILBERT HERMAN MARIE, NL
[72] DAMVELD, ROBBERTUS ANTONIUS, NL
[72] DE JONG, RENE MARCEL, NL
[71] DSM IP ASSETS B.V., NL
[85] 2012-12-24
[86] 2011-06-23 (PCT/EP2011/060573)
[87] (WO2012/000890)
[30] US (61/359,596) 2010-06-29
[30] EP (10167776.3) 2010-06-29

[21] **2,803,983**
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 9/06 (2006.01) A61K 31/721 (2006.01) A61K 38/28 (2006.01) A61K 47/36 (2006.01) A61K 47/48 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **FUNCTIONAL VASCULARIZATION WITH BIOCOMPATIBLE POLYSACCHARIDE-BASED HYDROGELS**

[54] **VASCULARISATION FONCTIONNELLE FAISANT INTERVENIR DES HYDROGELS BIOCOMPATIBLES A BASE DE POLYSACCHARIDES**

[72] GERECHT, SHARON, US
[72] SUN, GUOMING, US
[72] SHEN, YU-I, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2012-12-27
[86] 2011-06-30 (PCT/US2011/042671)
[87] (WO2012/003370)
[30] US (61/360,178) 2010-06-30

PCT Applications Entering the National Phase

[21] **2,803,984**
[13] A1

[51] **Int.Cl. G06T 7/20 (2006.01)**
[25] EN
[54] **SAW BLADE TOOTH FORM FOR ABUSIVE CUTTING APPLICATIONS**
[54] **FORME DES DENTS DE LAME DE SCIE POUR DES APPLICATIONS DE COUPE ABUSIVE**
[72] ELLISTON, ASIF, US
[72] KORB, WILLIAM B., US
[72] HAMPTON, STEPHEN A., US
[71] IRWIN INDUSTRIAL TOOL COMPANY, US
[85] 2012-12-27
[86] 2011-06-30 (PCT/US2011/042681)
[87] (WO2012/003378)
[30] US (12/827,658) 2010-06-30

[21] **2,803,985**
[13] A1

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[54] **DERIVES DE PIPERIDINE ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES METABOLIQUES**
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[72] LEHMANN-LINTZ, THORSTEN, DE
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[54] **COMPOSITION ANTI-ANGIOGENIQUE CONTENANT DE LA MACROLACTINE A ET UN DERIVE ASSOCIE EN TANT QU'INGREDIENTS ACTIFS**

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[54] **ENSEMBLE APPLICATEUR D'ANTISEPTIQUE**

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[72] MOBERG, CARSTEN, DK
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[54] **PROCEDE DE DETECTION ET DE LOCALISATION D'EVENEMENTS DE PRESSION DE TOUCHE SUR DES SURFACES PLATES TACTILES ET SENSIBLES AUX VIBRATIONS**
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[54] **ACYLE REDUCTASES FORMANT DES ALCOOLS GRAS (FAR) ET PROCEDES POUR LES UTILISER**
[72] BEHROUZIAN, BEHNAZ, US
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[54] **PROCEDE ET APPAREIL POUR LA FORMATION DANS LE DOMAINE DE L'INFORMATIQUE**
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[72] ADAMS, DEREK, US
[72] MASCIS, CHRISTOPHER, US
[72] FARR, CLAYTON ERICKSON, US
[72] HOUSE, JEFF, US
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[54] **A VENTILATION SYSTEM FOR A POWER MACHINE**
[54] **SYSTEME DE VENTILATION POUR UNE MACHINE GENERATRICE D'ENERGIE**
[72] HILL, AARON G., US
[71] CLARK EQUIPMENT COMPANY, US
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[54] **APPAREIL DE RETOURNEMENT**
[72] FIORUCCI, KEITH, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **DEVICE AND METHODS FOR TREATING A LOWER LIMB JOINT PATHOLOGY AND LOWER LIMB PAIN**
[54] **DISPOSITIF ET PROCEDES DE TRAITEMENT D'UNE PATHOLOGIE ARTICULAIRE D'UN MEMBRE INFERIEUR ET DOULEUR DANS UN MEMBRE INFERIEUR**
[72] ELBAZ, AVI, IL
[72] MOR, AMIT, IL
[71] APOS - MEDICAL AND SPORTS TECHNOLOGIES LTD., IL
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[51] **Int.Cl. D01B 1/14 (2006.01) D01B 1/10 (2006.01) D01B 1/28 (2006.01)**
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[54] **FIBROUS PLANT STALK DECORTICATOR**
[54] **DECORTICATEUR DE TIGES DE PLANTES FIBREUSES**
[72] LUPIEN, JOHN, US
[72] DYAS, MICHAEL, US
[71] BASTLAB, INC., US
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[54] **METHODS OF PRODUCING LIPIDS**
[54] **PROCEDES DE PRODUCTION DE LIPIDES**
[72] PETRIE, JAMES, AU
[72] VANHERCKE, THOMAS, AU
[72] SHRESTHA, PUSHKAR, AU
[72] LIU, QING, AU
[72] SINGH, SURINDER PAL, AU
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[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **PETROLEUM ASPHALTENE HANDLER ADDITIVE COMPOUND**
[54] **COMPOSE ADDITIF POUR PETROLE REGULANT LES ASPHALTENES**
[72] GONZALEZ DAVILA, VICENTE, MX
[71] GEO ESTRATOS, S.A. DE C.V., MX
[85] 2012-12-27
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[54] **MIXED BEVERAGE PREPARATION AND DISPENSING**
[54] **PREPARATION ET DISTRIBUTION DE BOISSON MELANGEE**
[72] SCHOLVINCK, MICHIEL OLIVIER, NL
[72] STERNGOLD, EDOUARD, MT
[71] MDS GLOBAL HOLDING LTD., MT
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[25] EN
[54] **SHAPE MEMORY CEMENT ANNULUS GAS MIGRATION PREVENTION APPARATUS**
[54] **APPAREIL DE PREVENTION DE MIGRATION DE GAZ ANNULAIRE DE CIMENT A MEMOIRE DE FORME**
[72] MATHEW, THOMAS, US
[72] JOHNSON, MICHAEL H., US
[72] ROSENBLATT, STEVE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2012-12-28
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[54] **CERAMIDE-LIKE GLYCOLIPID-ASSOCIATED BACTERIAL VACCINES AND USES THEREOF**

[54] **VACCINS BACTERIENS ASSOCIES A DES GLYCOLIPIDES DE TYPE CERAMIDE ET LEURS UTILISATIONS**

[72] PORCELLI, STEVEN A., US

[72] VENKATASWAMY, MANJUNATHA M., US

[71] ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY, US

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[51] **Int.Cl. A61M 5/142 (2006.01) G01B 3/20 (2006.01) G01B 21/08 (2006.01) G01D 5/347 (2006.01)**

[25] EN

[54] **INFUSION PUMP WITH TUBE MEASUREMENT TECHNIQUE USING LINEAR ACTUATOR AND PRESSURE SENSOR**

[54] **POMPE A PERFUSION AVEC TECHNIQUE DE MESURE DE TUBE UTILISANT UN ACTIONNEUR LINEAIRE ET UN CAPTEUR DE PRESSION**

[72] BOJAN, PETER M., US

[72] WANG, ZHENGYAN, US

[72] RAI, SURYA, US

[72] OLCZAK, PAUL, US

[71] BAXTER HEALTHCARE S.A., CH

[71] BAXTER INTERNATIONAL INC., US

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[21] **2,804,031**
[13] A1

[51] **Int.Cl. C07D 493/08 (2006.01)**

[25] EN

[54] **PREPARATION OF TESETAXEL AND RELATED COMPOUNDS AND CORRESPONDING SYNTHESIS INTERMEDIATE**

[54] **SYNTHESE DU TESETAXEL ET DE COMPOSES APPARENTES ET INTERMEDIAIRE DE SYNTHESE CORRESPONDANT**

[72] THOTTATHIL, JOHN K., US

[72] WARRELL, RAYMOND P., JR., US

[71] GENTA INCORPORATED, US

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01)**

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[54] **CORE-SHEATH IMPLANT DEVICE HAVING AN INNER CORE LOBE**

[54] **DISPOSITIF D'IMPLANT NOYAU-GAINE AYANT UN LOBE DE NOYAU INTERIEUR**

[72] HUDSON, MICHAEL E., US

[71] EVONIK DEGUSSA CORPORATION, US

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[13] A1

[51] **Int.Cl. H02K 9/19 (2006.01) B60K 11/02 (2006.01) H02K 1/20 (2006.01)**

[25] EN

[54] **MODES OF COOLING HYBRID ELECTRIC MACHINES**

[54] **PROCEDES PERMETTANT DE REFROIDIR DES MODES ELECTRIQUES HYBRIDES**

[72] ERFANFAR, MOHSEN, US

[72] BASS, EDWARD, US

[71] ALLISON TRANSMISSION, INC., US

[85] 2012-12-27

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[87] (WO2012/003208)

[30] US (61/360,683) 2010-07-01

[21] **2,804,034**
[13] A1

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[54] **PRODRUGS OF HETERAROMATIC COMPOUNDS**

[54] **PROMEDICAMENTS DE COMPOSES HETEROAROMATIQUES**

[72] BLUMBERG, LAURA COOK, US

[72] ALMARRSON, ORN, US

[71] ALKERMES PHARMA IRELAND LIMITED, INC., US

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[13] A1

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[25] EN

[54] **IMPLANT PROCESSING METHODS FOR THERMALLY LABILE AND OTHER BIOACTIVE AGENTS AND IMPLANTS PREPARED FROM SAME**

[54] **PROCEDES DE TRAITEMENT D'IMPLANTS POUR AGENTS THERMIQUEMENT INSTABLES ET AUTRES AGENTS BIOACTIFS ET IMPLANTS PREPARES A PARTIR DE CEUX-CI**

[72] MARKLAND, PETER, US

[72] TICE, THOMAS R., US

[71] EVONIK DEGUSSA CORPORATION, US

[85] 2012-12-28

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[13] A1

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[54] **CUSTOMIZABLE STORAGE CONTAINER SYSTEM**
[54] **SYSTEME DE RECIPIENT DE STOCKAGE POUVANT ETRE ADAPTE AUX BESOINS**
[72] BOYNTON, JOANNA, US
[72] ANDERS, CHERYL, US
[71] CLEVER GIRL CONCEPTS, LLC, US
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[13] A1

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[25] EN
[54] **SECURING DEVICE FOR TRANSPORT OF NEONATAL PATIENTS IN A TEMPERATURE-CONTROLLED INCUBATOR**
[54] **DISPOSITIF DE FIXATION POUR LE TRANSPORT DE PATIENTS NOUVEAU-NES DANS COUVEUSE A REGULATION DE TEMPERATURE**
[72] ANDERSSON, PAR, SE
[71] PA CONSULTING AB, SE
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[87] (WO2012/005658)
[30] SE (1050740-8) 2010-07-05

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[51] **Int.Cl. E04H 4/16 (2006.01)**
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[54] **A SECURING SYSTEM**
[54] **SYSTEME DE FIXATION**
[72] PALMER, ROSS LESLIE, AU
[71] POOLRITE RESEARCH PTY LTD, AU
[85] 2012-12-28
[86] 2011-06-29 (PCT/AU2011/000800)
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[30] AU (2010902875) 2010-06-29

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[13] A1

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[54] **HYBRID DRILL BIT WITH ANTI-TRACKING FEATURES**
[54] **TREPANS AVEC CARACTERISTIQUES ANTI-SUIVIS**
[72] BUSKE, ROBERT J., US
[72] BRADFORD, JOHN F., US
[71] BAKER HUGUES INCORPORATED, US
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[21] **2,804,042**
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[25] FR
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[54] **VANNE DE CONTROLE DE DEBIT POUR LES SOLUTIONS DE POLYMERES**
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[72] JOUENNE, STEPHANE, FR
[71] TOTAL S.A., FR
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[30] FR (1055338) 2010-07-02

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[13] A1

[51] **Int.Cl. E06B 3/677 (2006.01)**
[25] EN
[54] **CONTINUOUS GAS FILLING PROCESS AND APPARATUS FOR FABRICATION OF INSULATING GLASS UNITS**
[54] **PROCEDE DE REMPLISSAGE DE GAZ CONTINU ET APPAREIL POUR LA FABRICATION DE VITRAGES ISOLANTS**
[72] MCHUGH, MICHAEL PATRICK, US
[71] PRAXAIR TECHNOLOGY, INC., US
[71] INTEGRATED AUTOMATION SYSTEMS, LLC, US
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[13] A1

[51] **Int.Cl. A61B 8/08 (2006.01)**
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[54] **SYSTEMES DE REFERENCE POUR UNE MAMMOGRAPHIE**
[72] SKLANSKY, JACK, US
[72] KLEIN, JEFFREY, US
[71] IMAGE MINING, INC., US
[85] 2012-12-27
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[21] **2,804,045**
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[54] **HYDROGEN MEMBRANE SEPARATOR**
[54] **SEPARATEUR MEMBRANAIRE D'HYDROGENE**
[72] CURELLO, ANDREW J., US
[72] CURELLO, MICHAEL, US
[72] STEPAN, CONSTANCE R., US
[71] SOCIETE BIC, FR
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[87] (WO2012/003111)
[30] US (12/829,827) 2010-07-02

[21] **2,804,046**
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[51] **Int.Cl. H01M 8/06 (2006.01)**
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[54] **GAS GENERATOR WITH STARTER MECHANISM AND CATALYST SHIELD**
[54] **GENERATEUR DE GAZ AVEC MECANISME DE DEMARREUR ET PROTECTION DE CATALYSEUR**
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[72] CURELLO, ANDREW J., US
[72] STEPAN, CONSTANCE R., US
[72] CURELLO, MICHAEL, US
[72] SPAHR, PAUL, US
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[13] A1

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[25] EN
[54] **WASTEWATER TREATMENT**
[54] **TRAITEMENT DES EAUX USEES**
[72] FASSBENDER, ALEXANDER, US
[71] FASSBENDER, ALEXANDER, US
[85] 2012-12-27
[86] 2011-06-22 (PCT/US2011/041506)
[87] (WO2012/003128)
[30] US (61/398,797) 2010-07-01

[21] **2,804,048**
[13] A1

[51] **Int.Cl. B01D 53/56 (2006.01) B01D 53/79 (2006.01) B01D 53/86 (2006.01) B01D 53/90 (2006.01) B01D 53/94 (2006.01) B01J 20/04 (2006.01) B01J 20/28 (2006.01) C01C 1/00 (2006.01) C01F 11/24 (2006.01) C01G 3/14 (2006.01) C01G 51/12 (2006.01) C01G 53/12 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A CARTRIDGE FOR STORING AMMONIA, IN PARTICULAR FOR A GAS EXHAUST SYSTEM OF A MOTOR VEHICLE**
[54] **PROCEDE DE FABRICATION D'UNE CARTOUCHE DE STOCKAGE D'AMMONIAQUE, NOTAMMENT POUR SYSTEME D'ECHAPPEMENT DE GAZ DE VEHICULE AUTOMOBILE**
[72] SAINT-DIDIER, SERGE, FR
[71] FAURECIA SYSTEMES D'ECHAPPEMENT, FR
[85] 2012-12-24
[86] 2011-07-01 (PCT/FR2011/051553)
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[30] FR (10 55303) 2010-07-01

[21] **2,804,049**
[13] A1

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[25] EN
[54] **CURABLE RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINES DURCISSABLES**
[72] CARTER, JAMES WELLS, US
[72] MARKS, MAURICE J., US
[72] VALETTE, LUDOVIC, US
[72] GULYAS, GYONGYI, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-12-27
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[87] (WO2012/009118)
[30] US (61/359,099) 2010-06-28

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[13] A1

[51] **Int.Cl. H01M 4/13 (2010.01) H01M 4/1393 (2010.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **IMPROVED ADHESION OF ACTIVE ELECTRODE MATERIALS TO METAL ELECTRODE SUBSTRATES**
[54] **AMELIORATION DE L'ADHERENCE DE MATERIAUX ACTIFS D'ELECTRODES A DES SUBSTRATS D'ELECTRODES METALLIQUES**
[72] ALARCO, JOSE ANTONIO, AU
[72] BRADLEY, JOHN LOUIS, AU
[72] QUINLAN, MARK RONALD, AU
[72] TALBOT, PETER CADE, AU
[71] VERY SMALL PARTICLE COMPANY LIMITED, AU
[85] 2012-12-28
[86] 2011-06-30 (PCT/AU2011/000812)
[87] (WO2012/000041)
[30] AU (2010902901) 2010-06-30

[21] **2,804,051**
[13] A1

[51] **Int.Cl. G08B 17/06 (2006.01)**
[25] EN
[54] **OPTICALLY REDUNDANT FIRE DETECTOR FOR FALSE ALARM REJECTION**
[54] **DETECTEUR D'INCENDIE OPTIQUEMENT REDONDANT POUR REJET DE FAUSSE ALARME**
[72] HARCHANKO, JOHN, US
[71] KNOWFLAME, INC., US
[85] 2012-12-27
[86] 2011-06-23 (PCT/US2011/041627)
[87] (WO2012/012083)
[30] US (12/827,757) 2010-06-30

[21] **2,804,052**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **MULTILEVEL SILHOUETTES IN AN ONLINE SHOPPING ENVIRONMENT**
[54] **SILHOUETTES A PLUSIEURS NIVEAUX DANS UN ENVIRONNEMENT DE BOUTIQUE EN LIGNE**
[72] KUNDU, RINI, US
[71] EBAY INC., US
[85] 2012-12-27
[86] 2011-08-26 (PCT/US2011/049444)
[87] (WO2012/033654)
[30] US (61/377,914) 2010-08-28
[30] US (13/011,510) 2011-01-21

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[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD FOR IN SITU FLUID ASSESSMENT AND OPTIMIZATION DURING WELLBORE DISPLACEMENT OPERATIONS**
[54] **PROCEDE D'ESTIMATION ET D'OPTIMISATION IN SITU DU FLUIDE LORS D'OPERATIONS DE DEPLACEMENT DANS UN PUIT DE FORAGE**
[72] COLUDROVICH, EARL J., III, US
[72] CORNETTE, H. MITCHELL, US
[72] CORBETT, THOMAS G., US
[72] CAMERON, JOHN, US
[71] CHEVRON U.S.A. INC., US
[85] 2012-12-27
[86] 2011-06-24 (PCT/US2011/041824)
[87] (WO2012/012098)
[30] US (12/826,856) 2010-06-30

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[13] A1

[51] **Int.Cl. B65D 90/00 (2006.01) B65D 19/38 (2006.01) B65D 19/42 (2006.01)**
[25] EN
[54] **A BUILT-IN MOVEABLE PALLET FOR CONTAINERS**
[54] **PALETTE MOBILE INTEGREE POUR CONTENEUR**
[72] MA, JIJUN, CN
[71] MA, JIJUN, CN
[85] 2012-12-24
[86] 2011-07-20 (PCT/CN2011/077352)
[87] (WO2012/010086)
[30] CN (201010236327.0) 2010-07-22

[21] **2,804,057**
[13] A1

[51] **Int.Cl. D21C 11/00 (2006.01) D21C 9/08 (2006.01)**
[25] EN
[54] **PROCESS FOR OBTAINING TALL OIL FROM A SODIUM SESQUISULFATE SOLUTION**
[54] **PROCEDE POUR OBTENIR DE L'HUILE DE TALL A PARTIR D'UNE SOLUTION DE SESQUISULFATE DE SODIUM**
[72] REDON CANIFRU, JEAN PAUL, CL
[71] UNIVERSIDAD DE CONCEPCION, CL
[71] CELULOSA ARAUCO Y CONSTITUCION S.A., CL
[85] 2012-12-28
[86] 2011-12-14 (PCT/CL2011/000079)
[87] (WO2012/088619)
[30] CL (1609-2010) 2010-12-29

[21] **2,804,059**
[13] A1

[51] **Int.Cl. B29C 33/38 (2006.01) B82Y 40/00 (2011.01) B29C 59/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A NANOSTRUCTURED OR SMOOTH POLYMER ARTICLE**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN ARTICLE EN POLYMERE NANOSTRUCUTURE OU LISSE**
[72] PRANOV, HENRIK, DK
[71] INMOLD BIOSYSTEMS A/S, DK
[85] 2012-12-28
[86] 2011-06-29 (PCT/DK2011/000075)
[87] (WO2012/000500)
[30] DK (PA-2010 00581) 2010-07-01

[21] **2,804,061**
[13] A1

[51] **Int.Cl. D21H 21/28 (2006.01) D21H 21/30 (2006.01) D21H 21/32 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITIONS FOR SHADING IN COATING APPLICATIONS**
[54] **COMPOSITIONS AQUEUSES DE NUANCAGE DANS LES APPLICATIONS DE REVETEMENTS**
[72] GRETHER-SCHENE, HEIDRUN, DE
[72] PUDDIPHATT, DAVID, CH
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2012-12-28
[86] 2011-06-21 (PCT/EP2011/003048)
[87] (WO2012/000625)
[30] EP (10006815.4) 2010-07-01

[21] **2,804,062**
[13] A1

[51] **Int.Cl. B66F 11/04 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **AN AERIAL LIFT WITH SAFETY DEVICE**
[54] **NACELLE ELEVATRICE DOTEE D'UN DISPOSITIF DE SECURITE**
[72] GALE, KEVIN JOHNATHAN, GB
[72] STARCK, ALLAN MALCOLM, GB
[71] BLUESKY SOLUTIONS LIMITED, GB
[85] 2012-12-28
[86] 2011-06-29 (PCT/GB2011/000976)
[87] (WO2012/001353)
[30] GB (1011136.7) 2010-07-02

[21] **2,804,064**
[13] A1

[51] **Int.Cl. A47L 9/20 (2006.01) A47L 9/16 (2006.01)**
[25] EN
[54] **CYCLONE VACUUM CLEANER**
[54] **ASPIRATEUR A CYCLONE**
[72] NICOLAOU, RICHARD DAVID, GB
[72] FOLLOWS, THOMAS JAMES DUNNING, GB
[72] SYMES, ASHLEY WALTER, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2012-12-28
[86] 2011-06-16 (PCT/GB2011/051129)
[87] (WO2012/001387)
[30] GB (1010955.1) 2010-06-30

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[21] **2,804,065**
[13] A1

[51] **Int.Cl. B65G 15/14 (2006.01) B65G 15/44 (2006.01) B65G 21/20 (2006.01)**

[25] EN

[54] **DEVICE FOR TRANSPORTING CONTAINERS**

[54] **DISPOSITIF DE TRANSPORT DE CONTENANTS**

[72] BAECHLE, ANDREAS, DE
[71] ROBERT BOSCH GMBH, DE
[85] 2012-12-28
[86] 2010-04-29 (PCT/EP2010/055776)
[87] (WO2011/000590)
[30] DE (10 2009 027 280.1) 2009-06-29

[21] **2,804,068**
[13] A1

[51] **Int.Cl. A61L 9/12 (2006.01) A01M 1/20 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR IMPROVED DELIVERY OF VOLATILE LIQUIDS**

[54] **DISPOSITIFS ET PROCEDES POUR LA DISTRIBUTION AMELIOREE DE LIQUIDES VOLATILS**

[72] INGLEDEW, NATALIE, GB
[72] MAROUSE, LOIC, GB
[72] WALSH, STEVE, GB
[71] RECKITT & COLMAN (OVERSEAS) LIMITED, GB
[85] 2012-12-28
[86] 2011-06-28 (PCT/GB2011/051221)
[87] (WO2012/001404)
[30] GB (1011076.5) 2010-07-01

[21] **2,804,069**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01) C07D 215/38 (2006.01)**

[25] EN

[54] **PYRAZOLO-QUINOLINES**

[54] **PYRAZOLOQUINOLEINES**

[72] FUCHSS, THOMAS, DE
[72] MEDERSKI, WERNER, DE
[72] ZENKE, FRANK, DE
[71] MERCK PATENT GMBH, DE
[85] 2012-12-28
[86] 2011-06-24 (PCT/EP2011/003127)
[87] (WO2012/000632)
[30] DE (10 2010 025 786.9) 2010-07-01

[21] **2,804,070**
[13] A1

[51] **Int.Cl. A61L 9/12 (2006.01) A01M 1/20 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR IMPROVED DELIVERY OF VOLATILE LIQUIDS**

[54] **DISPOSITIFS ET PROCEDES POUR LA DISTRIBUTION AMELIOREE DE LIQUIDES VOLATILS**

[72] INGLEDEW, NATALIE, GB
[72] MAROUSE, LOIC, GB
[72] WALSH, STEVE, GB
[71] RECKITT & COLMAN (OVERSEAS) LIMITED, GB
[85] 2012-12-28
[86] 2011-06-28 (PCT/GB2011/051222)
[87] (WO2012/001405)
[30] GB (1011083.1) 2010-07-01

[21] **2,804,072**
[13] A1

[51] **Int.Cl. C08F 6/12 (2006.01)**

[25] EN

[54] **PROCESS FOR THERMAL SEPARATION OF A SOLUTION CONSISTING OF THERMOPLASTIC POLYMER AND SOLVENT**

[54] **PROCEDE DE SEPARATION THERMIQUE D'UNE SOLUTION CONSTITUEE D'UN POLYMERE THERMOPLASTIQUE ET D'UN SOLVANT**

[72] WITTE, DANIEL, DE
[72] ISENSCHMID, THOMAS, CH
[72] STEINER, MANUEL, CH
[71] LIST HOLDING AG, CH
[85] 2012-12-28
[86] 2011-06-29 (PCT/EP2011/003193)
[87] (WO2012/000658)
[30] DE (10 2010 017 653.2) 2010-06-30
[30] DE (10 2010 060 320.1) 2010-11-03

[21] **2,804,074**
[13] A1

[51] **Int.Cl. F16L 37/18 (2006.01) F16L 37/38 (2006.01)**

[25] EN

[54] **QUICK CONNECTION**

[54] **RACCORD RAPIDE**

[72] WEH, ERWIN, DE
[72] WEH, WOLFGANG, DE
[71] WEH, ERWIN, DE
[71] WEH, WOLFGANG, DE
[85] 2012-12-28
[86] 2011-06-29 (PCT/EP2011/003194)
[87] (WO2012/000659)
[30] DE (10 2010 025 747.8) 2010-06-30

[21] **2,804,077**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/407 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL DOSAGE FORM COMPRISING 6'-FLUORO-(N-METHYL- OR N,N-DIMETHYL-)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**

[54] **FORME PHARMACEUTIQUE COMPRENANT UNE 6'-FLUORO-(N-METHYL- OU N,N-DIMETHYL-)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**

[72] SCHILLER, MARC, DE
[72] GRUNING, NADJA, DE
[72] HEMANI, ASHISH, GB
[71] GRUENENTHAL GMBH, DE
[85] 2012-12-28
[86] 2011-08-04 (PCT/EP2011/003900)
[87] (WO2012/016695)
[30] US (61/370,648) 2010-08-04
[30] EP (10 008 117.3) 2010-08-04

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[21] **2,804,078**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **DEVICE FOR DEPLOYING A FLEXIBLE IMPLANT**
[54] **DISPOSITIF POUR LE DEPLOIEMENT D'UN IMPLANT FLEXIBLE**
[72] COFFEY, PETER, GB
[72] DA CRUZ, LYNDON, GB
[72] CHEETHAM, KAREN, GB
[71] UCL BUSINESS PLC, GB
[85] 2012-12-28
[86] 2011-07-05 (PCT/GB2011/051262)
[87] (WO2012/004592)
[30] GB (1011313.2) 2010-07-05

[21] **2,804,079**
[13] A1

[51] **Int.Cl. C07D 213/55 (2006.01) C07D 213/56 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF CIS-1,2-DIOLS IN THE KILOGRAM SCALE**
[54] **PROCEDE POUR LA PREPARATION DE CIS-1,2-DIOLS A L'ECHELLE DU KILOGRAMME**
[72] MEDERSKI, WERNER, DE
[72] STOEHR, GEORG, DE
[72] WERNER, ANDREAS, DE
[71] MERCK PATENT GMBH, DE
[85] 2012-12-28
[86] 2011-06-03 (PCT/EP2011/002741)
[87] (WO2012/000598)
[30] EP (10006796.6) 2010-07-01

[21] **2,804,080**
[13] A1

[51] **Int.Cl. A61B 5/085 (2006.01) A61B 5/087 (2006.01) A61M 16/00 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING THE MECHANICAL IMPEDANCE OF THE RESPIRATORY SYSTEM**
[54] **SYSTEME ET PROCEDE POUR MESURER L'IMPEDANCE MECANIQUE DU SYSTEME RESPIRATOIRE**
[72] POMPILIO, PASQUALE PIO, IT
[72] GOBBI, ALESSANDRO, IT
[72] DELLACA', RAFFAELE, IT
[72] PEDOTTI, ANTONIO, IT
[71] RESTECH S.R.L. - SPIN OFF DEL POLITECNICO DI MILANO, IT
[85] 2012-12-28
[86] 2011-05-17 (PCT/IB2011/001070)
[87] (WO2012/014024)
[30] IT (BG2010A000042) 2010-07-26

[21] **2,804,083**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **AFFILIATE MANAGEMENT DEVICE, AFFILIATE MANAGEMENT METHOD, AFFILIATE MANAGEMENT PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM STORING THE PROGRAM**
[54] **DISPOSITIF DE GESTION D'AFFILIES**
[72] KASAI, AKIRA, JP
[72] BABA, TAKESHI, JP
[71] RAKUTEN, INC., JP
[85] 2013-01-30
[86] 2012-06-08 (PCT/JP2012/064820)
[87] (WO2013/015028)
[30] JP (2011-162421) 2011-07-25

[21] **2,804,087**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/28 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION DOTE D'UN PROTECTEUR D'AIGUILLE**
[72] ROBERTS, GARETH, GB
[72] WARD, CHRIS, GB
[72] EKMAN, MATTHEW, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2012-12-28
[86] 2011-06-21 (PCT/EP2011/060321)
[87] (WO2012/000837)
[30] EP (10168321.7) 2010-07-02

[21] **2,804,088**
[13] A1

[51] **Int.Cl. E21B 19/00 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR CONTROLLING MOVEMENTS OF A FREE-HANGING TUBULAR**
[54] **PROCEDE ET SYSTEME DESTINES A COMMANDER LES DEPLACEMENTS D'UN ELEMENT TUBULAIRE A SUSPENSION LIBRE**
[72] PÖHNER, LARS, NO
[71] AKER MH AS, NO
[85] 2012-12-28
[86] 2011-06-28 (PCT/EP2011/060756)
[87] (WO2012/016765)
[30] NO (20100955) 2010-06-30

[21] **2,804,089**
[13] A1

[51] **Int.Cl. F01D 21/00 (2006.01) B64C 27/12 (2006.01) F01D 21/02 (2006.01) F01D 21/04 (2006.01) F02C 3/10 (2006.01) G01L 3/04 (2006.01)**
[25] FR
[54] **DETECTION OF THE OVERSPEED OF A FREE TURBINE BY MEASURING USING A TORQUE METER**
[54] **DETECTION DE SURVITESSE D'UNE TURBINE LIBRE PAR MESURE SUR COUPLEMETRE**
[72] FREALLE, JEAN-LUC CHARLES GILBERT, FR
[72] PERBOS, ALAIN MICHEL, FR
[71] TURBOMECA, FR
[85] 2012-12-24
[86] 2011-07-01 (PCT/FR2011/051558)
[87] (WO2012/001334)
[30] FR (1055350) 2010-07-02

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[21] **2,804,090**
[13] A1

[51] **Int.Cl. F16G 13/06 (2006.01)**
[25] EN
[54] **CHAIN, AND METHOD FOR MANUFACTURING A CHAIN**
[54] **CHAINE ET PROCEDE DE FABRICATION D'UNE CHAINE**
[72] KREMER, JOHANNES, DE
[72] KISTERS, PETER, DE
[72] KIRSCHNIOK, CHRISTIAN, DE
[71] AUMUND FOERDERTECHNIK GMBH, DE
[71] KETTEN-WULF BETRIEBS-GMBH, DE
[85] 2012-12-28
[86] 2011-06-29 (PCT/EP2011/060940)
[87] (WO2012/001066)
[30] DE (10 2010 025 528.9) 2010-06-29

[21] **2,804,091**
[13] A1

[51] **Int.Cl. F01B 13/06 (2006.01) F02B 57/08 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] OLIVER AMPUERO, LARRY SYDNEY, CL
[71] OLIVER AMPUERO, LARRY SYDNEY, CL
[85] 2012-12-24
[86] 2010-07-06 (PCT/IB2010/053099)
[87] (WO2012/004630)

[21] **2,804,092**
[13] A1

[51] **Int.Cl. A47K 13/06 (2006.01) A47K 11/04 (2006.01)**
[25] EN
[54] **PORTABLE AND ADJUSTABLE CHILD POTTY**
[54] **POT POUR ENFANT PORTABLE ET REGLABLE**
[72] ONDAATJE, DONALD ERWIN, CA
[72] BASNAYAKE, CHAMINDA, CA
[72] ONDAATJE-KHAN, SHERZADE LARU, CA
[72] AWICKRAMA, SHERANI MANORANJANI, CA
[71] ONDAATJE, DONALD ERWIN, CA
[71] BASNAYAKE, CHAMINDA, CA
[71] ONDAATJE-KHAN, SHERZADE LARU, CA
[71] AWICKRAMA, SHERANI MANORANJANI, CA
[85] 2012-03-07
[86] 2011-07-04 (PCT/CA2011/050410)
[87] (WO2012/088599)
[30] US (61/428,584) 2010-12-30

[21] **2,804,097**
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **METHODS FOR STORING CARBON DIOXIDE COMPOSITIONS IN SUBTERRANEAN GEOLOGICAL FORMATIONS AND ARRANGEMENTS FOR USE IN SUCH METHODS**
[54] **PROCEDES POUR LE STOCKAGE DE COMPOSITIONS DE DIOXYDE DE CARBONE DANS DES FORMATIONS GEOLOGIQUES SOUTERRAINES ET AGENCEMENTS DESTINES A ETRE UTILISES DANS DE TELS PROCEDES**
[72] HOIER, LARS, NO
[72] NAZARIAN, BAMSHAD, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2012-12-28
[86] 2011-06-30 (PCT/EP2011/061009)
[87] (WO2012/001105)
[30] NO (20100960) 2010-07-01

[21] **2,804,100**
[13] A1

[51] **Int.Cl. B32B 21/02 (2006.01) B32B 21/08 (2006.01) B32B 27/08 (2006.01) E04C 2/24 (2006.01)**
[25] EN
[54] **A PANEL COMPRISING A POLYMERIC COMPOSITE LAYER AND A METHOD OF MANUFACTURING SUCH PANEL**
[54] **PANNEAU COMPRENANT UNE COUCHE COMPOSITE POLYMERE ET PROCEDE DE FABRICATION DUDIT PANNEAU**
[72] VERMEULEN, BRUNO PAUL LOUIS, BE
[71] SPANOLUX N.V.-DIV. BALTERIO, BE
[85] 2012-12-28
[86] 2011-06-30 (PCT/EP2011/061017)
[87] (WO2012/001109)
[30] EP (10167988.4) 2010-06-30
[30] EP (10190253.4) 2010-11-05

[21] **2,804,101**
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS AND PURIFICATION OF OXYCODONE**
[54] **PROCEDE DE SYNTHESE ET DE PURIFICATION D'OXYCODONE**
[72] KESKENY, ERNO M., US
[72] MENCEL, JAMES J., US
[72] DUNG, JEN-SEN, US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2012-12-28
[86] 2011-07-01 (PCT/US2011/042834)
[87] (WO2012/003468)
[30] US (61/361,151) 2010-07-02

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[21] **2,804,104**
[13] A1

[51] **Int.Cl. H04B 1/38 (2006.01) H04M 1/06 (2006.01)**

[25] EN

[54] **ELECTRICAL ACCESSORY AND METHOD OF PROVIDING SAME**

[54] **ACCESSOIRE ELECTRIQUE ET PROCEDE DE MONTAGE DE CE DERNIER**

[72] DUNCAN SEIL, OLIVER, US

[72] RAZO, VINCENT, US

[72] NEU, THORBEN, US

[72] DEJONG, CHAD, US

[72] KLEEMAN, DAVID A., US

[72] NALWAD, VIJENDRA, US

[72] PARK, JUNG MAN, KR

[72] LANE, STEVEN, US

[71] BELKIN INTERNATIONAL, INC., US

[85] 2012-12-28

[86] 2011-07-01 (PCT/US2011/042869)

[87] (WO2012/003488)

[30] US (61/361,317) 2010-07-02

[30] US (13/089,141) 2011-04-18

[21] **2,804,106**
[13] A1

[51] **Int.Cl. G01R 22/06 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MEASURING ELECTRICAL POWER USAGE IN A STRUCTURE AND SYSTEMS AND METHODS OF CALIBRATING THE SAME**

[54] **SYSTEMES ET PROCEDES DE MESURE DE PUISSANCE ELECTRIQUE UTILISEE DANS UNE STRUCTURE, ET SYSTEMES ET PROCEDES D'ETALONNAGE ASSOCIES**

[72] PATEL, SHWETAK N., US

[72] GUPTA, SIDHANT, US

[72] REYNOLDS, MATTHEW S., US

[72] YOGESWARAN, KARTHIK, US

[71] BELKIN INTERNATIONAL, INC., US

[85] 2012-12-28

[86] 2011-07-01 (PCT/US2011/042873)

[87] (WO2012/003492)

[30] US (61/361,296) 2010-07-02

[30] US (61/380,174) 2010-09-03

[21] **2,804,107**
[13] A1

[51] **Int.Cl. C07D 453/02 (2006.01) A61K 31/439 (2006.01) A61P 13/02 (2006.01)**

[25] EN

[54] **SOLIFENACIN SALTS**

[54] **SELS DE SOLIFENACINE**

[72] FUENTES, GERARDO GUTIERREZ, ES

[72] BONDE-LARSEN, ANTONIO LORENTE, ES

[72] LOPEZ-BACHILLER, JAIME DEL CAMPO, ES

[72] RODRIGUEZ, CELSO SANDOVAL, ES

[72] SAINZ, YOLANDA FERNANDEZ, ES

[71] CRYSTAL PHARMA S.A.U., ES

[85] 2012-12-28

[86] 2011-07-05 (PCT/EP2011/061314)

[87] (WO2012/004264)

[30] EP (10168415.7) 2010-07-05

[30] US (61/472,807) 2011-04-07

[21] **2,804,109**
[13] A1

[51] **Int.Cl. G01R 22/06 (2006.01)**

[25] EN

[54] **SYSTEM FOR MONITORING ELECTRICAL POWER USAGE OF A STRUCTURE AND METHOD OF SAME**

[54] **SYSTEME DE SURVEILLANCE DE PUISSANCE ELECTRIQUE UTILISEE DANS UNE STRUCTURE, ET PROCEDE ASSOCIE**

[72] YOGESWARAN, KARTHIK, US

[72] KELLY, FRANK, US

[72] PATEL, SHWETAK N., US

[72] GUPTA, SIDHANT, US

[72] REYNOLDS, MATTHEW S., US

[71] BELKIN INTERNATIONAL, INC., US

[85] 2012-12-28

[86] 2011-07-01 (PCT/US2011/042877)

[87] (WO2012/003494)

[30] US (61/361,296) 2010-07-02

[30] US (61/380,174) 2010-09-03

[21] **2,804,110**
[13] A1

[51] **Int.Cl. C07C 59/64 (2006.01) A61K 31/192 (2006.01) A61K 31/44 (2006.01) C07C 255/54 (2006.01) C07D 213/65 (2006.01)**

[25] EN

[54] **ARYLOXYALKYLENE-SUBSTITUTED HYDROXYPHENYLHEXANOIC ACIDS, PROCESS FOR PREPARATION THEREOF AND USE THEREOF AS A MEDICAMENT**

[54] **ACIDES HYDROXY-PHENYL-HEXINIQUES SUBSTITUES PAR ARYLOXY-ALKYLENE, PROCEDE DE PRODUCTION ET UTILISATION COMME MEDICAMENT**

[72] KEIL, STEFANIE, DE

[72] DEFOSSA, ELISABETH, DE

[72] DIETRICH, VIKTORIA, DE

[72] STENGELIN, SIEGFRIED, DE

[72] HERLING, ANDREAS, DE

[72] HASCHKE, GUIDO, DE

[72] KLABUNDE, THOMAS, DE

[71] SANOFI, FR

[85] 2012-12-28

[86] 2011-07-05 (PCT/EP2011/061334)

[87] (WO2012/010413)

[30] EP (10305732.9) 2010-07-05

[21] **2,804,111**
[13] A1

[51] **Int.Cl. F04D 29/22 (2006.01) B22D 35/00 (2006.01) C22B 9/00 (2006.01) F04D 7/06 (2006.01)**

[25] EN

[54] **MOLTEN METAL IMPELLER**

[54] **ROUE EN METAL EN FUSION**

[72] TETKOSKIE, JASON, US

[72] BRIGHT, MARK, US

[72] HENDERSON, RICHARD S., US

[71] PYROTEK, INC., US

[85] 2012-12-28

[86] 2011-07-05 (PCT/US2011/042944)

[87] (WO2012/003509)

[30] US (61/361,075) 2010-07-02

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[21] **2,804,112**
[13] A1

[51] **Int.Cl. C07C 235/24 (2006.01) A61K 31/196 (2006.01) A61K 31/277 (2006.01) A61P 3/10 (2006.01) C07C 255/44 (2006.01)**

[25] EN

[54] **(2-ARYLOXY-ACETYLAMINO)-PHENYL-PROPIONIC ACID DERIVATIVES, METHOD FOR PRODUCING SAME AND USE THEREOF AS PHARMACEUTICALS**

[54] **DERIVES D'ACIDE (2 -ARYLOXY -ACETYLAMINO) - PHENYL - PROPIONIQUE, PROCEDE DE PRODUCTION ET UTILISATION COMME MEDICAMENT**

[72] DEFOSSA, ELISABETH, DE
[72] KEIL, STEFANIE, DE
[72] DIETRICH, VIKTORIA, DE
[72] STENGELIN, SIEGFRIED, DE
[72] HERLING, ANDREAS, DE
[72] HASCHKE, GUIDO, DE
[72] KLABUNDE, THOMAS, DE
[71] SANOFI, FR
[85] 2012-12-28
[86] 2011-07-05 (PCT/EP2011/061335)
[87] (WO2012/004269)
[30] EP (10305733.7) 2010-07-05

[21] **2,804,113**
[13] A1

[51] **Int.Cl. C07C 59/72 (2006.01) A61K 31/192 (2006.01) A61K 31/34 (2006.01) A61K 31/381 (2006.01) A61K 31/421 (2006.01) A61K 31/426 (2006.01) A61K 31/4439 (2006.01) C07C 255/54 (2006.01) C07D 213/64 (2006.01) C07D 213/65 (2006.01) C07D 305/06 (2006.01)**

[25] EN

[54] **SPIROCYCLICALLY SUBSTITUTED 1,3-PROPANE DIOXIDE DERIVATIVES, METHODS FOR THE PRODUCTION THEREOF AND USE OF THE SAME AS MEDICAMENT**

[54] **DERIVES 1,3-PROPANEDIOXYDE A SUBSTITUTION SPIROCYCLIQUE, PROCEDE DE PREPARATION ET UTILISATION COMME MEDICAMENT**

[72] KEIL, STEFANIE, DE
[72] DEFOSSA, ELISABETH, DE
[72] DIETRICH, VIKTORIA, DE
[72] STENGELIN, SIEGFRIED, DE
[72] HERLING, ANDREAS, DE
[72] HASCHKE, GUIDO, DE
[72] KLABUNDE, THOMAS, DE
[71] SANOFI, FR
[85] 2012-12-28
[86] 2011-07-05 (PCT/EP2011/061336)
[87] (WO2012/004270)
[30] EP (10305734.5) 2010-07-05

[21] **2,804,119**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) A01K 67/027 (2006.01) A61K 39/00 (2006.01) C12N 15/09 (2006.01) C12Q 1/02 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **INDUCED MALIGNANT STEM CELLS OR PRE-INDUCTION CANCER STEM CELLS CAPABLE OF SELF-REPLICATION OUTSIDE OF AN ORGANISM, PRODUCTION METHOD FOR SAME, AND PRACTICAL APPLICATION FOR SAME**

[54] **CELLULES SOUCHES MALIGNES INDUITES OU CELLULES SOUCHES CANCEREUSES AVANT INDUCTION SUSCEPTIBLES D'AUTOREPLICATION HORS D'UN ORGANISME, LEUR PROCEDE D'OBTENTION ET LEURS APPLICATIONS PRATIQUES ASSOCIEES**

[72] ISHIKAWA, TETSUYA, JP
[71] NATIONAL CANCER CENTER, JP
[85] 2012-12-28
[86] 2011-05-25 (PCT/JP2011/062006)
[87] (WO2011/148983)
[30] JP (2010-119385) 2010-05-25

[21] **2,804,115**
[13] A1

[51] **Int.Cl. B64D 45/00 (2006.01) B64D 47/08 (2006.01) G01C 21/00 (2006.01)**

[25] EN

[54] **AIRCRAFT HOVER SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE VOL STATIONNAIRE D'AERONEF**

[72] BLOCK, GERALD J., US
[71] SANDEL AVIONICS, INC., US
[85] 2012-12-28
[86] 2011-07-05 (PCT/US2011/042954)
[87] (WO2012/003512)
[30] US (61/360,959) 2010-07-02

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[21] **2,804,121**
[13] A1

[51] **Int.Cl. A61K 39/145 (2006.01) C07K 14/11 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 9/12 (2006.01)**

[25] FR

[54] **MODIFIED VIRAL STRAINS, AND METHOD FOR IMPROVING THE PRODUCTION OF VACCINE SEEDS OF THE INFLUENZA VIRUS**

[54] **SOUCHES VIRALES MODIFIEES ET PROCEDE POUR AMELIORER LA PRODUCTION DE SEMENCES VACCINALES DE VIRUS INFLUENZA**

[72] MOULES, VINCENT, FR

[72] ROSA-CALATRAVA, MANUEL, FR

[72] FERRARIS, OLIVIER, FR

[72] YVER, MATTHIEU, FR

[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR

[71] HOSPICES CIVILS DE LYON, FR

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

[85] 2012-12-21

[86] 2011-07-08 (PCT/EP2011/061604)

[87] (WO2012/007380)

[30] FR (1055716) 2010-07-13

[21] **2,804,123**
[13] A1

[51] **Int.Cl. H04L 9/08 (2006.01)**

[25] EN

[54] **COMMUNICATION SYSTEM, COMMUNICATION APPARATUS, COMMUNICATION METHOD, AND COMPUTER PROGRAM**

[54] **SYSTEME DE COMMUNICATION, DISPOSITIF DE COMMUNICATION, PROCEDE DE COMMUNICATION ET PROGRAMME INFORMATIQUE**

[72] NAKANO, TAKEHIKO, JP

[71] SONY CORPORATION, JP

[85] 2012-12-28

[86] 2011-06-02 (PCT/JP2011/062739)

[87] (WO2012/014566)

[30] JP (2010-171184) 2010-07-29

[21] **2,804,124**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) A61K 9/72 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) A61M 11/04 (2006.01)**

[25] EN

[54] **CANNABIS DRUG DELIVERY AND MONITORING SYSTEM**

[54] **ADMINISTRATION DE CANNABIS ET SYSTEME DE SURVEILLANCE**

[72] TODD, WILLIAM W., US

[71] PALLIATECH, US

[85] 2012-12-28

[86] 2011-06-28 (PCT/US2011/042255)

[87] (WO2012/006126)

[30] US (61/359,151) 2010-06-28

[30] US (61/359,588) 2010-06-29

[30] US (61/373,333) 2010-08-13

[30] US (61/416,892) 2010-11-24

[21] **2,804,126**
[13] A1

[51] **Int.Cl. A61C 3/02 (2006.01)**

[25] EN

[54] **MEDICAL CUTTING INSTRUMENT**

[54] **INSTRUMENT COUPANT MEDICAL**

[72] SHIOIRI, MUTSUNORI, JP

[71] MANI, INC., JP

[85] 2012-12-28

[86] 2011-06-27 (PCT/JP2011/064689)

[87] (WO2012/002325)

[30] JP (2010-149498) 2010-06-30

[21] **2,804,127**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **CANCER PEPTIDE VACCINE**

[54] **VACCIN PEPTIDIQUE CONTRE LE CANCER**

[72] ITOH, KYOGO, JP

[72] YAMADA, AKIRA, JP

[71] GREEN PEPTIDE CO., LTD., JP

[85] 2012-12-28

[86] 2011-06-30 (PCT/JP2011/065033)

[87] (WO2012/005161)

[30] JP (2010-154921) 2010-07-07

[21] **2,804,128**
[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/519 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **HETEROCYCLIC CARBOXYLIC ACID DERIVATIVES HAVING A 2,5-SUBSTITUTED OXAZOLOPYRIMIDINE RING**

[54] **DERIVES D'ACIDE CARBOXYLIQUE HETEROCYCLIQUES A COMPOSE CYCLIQUE OXAZOLOPYRIMIDINE SUBSTITUE EN 2,5**

[72] KADEREIT, DIETER, DE

[72] SCHAEFER, MATTHIAS, DE

[72] HACHTEL, STEPHANIE, DE

[72] DIETRICH, AXEL, DE

[72] HUEBSCHLE, THOMAS, DE

[72] HISS, KATRIN, DE

[71] SANOFI, FR

[85] 2013-01-08

[86] 2011-01-12 (PCT/EP2011/050302)

[87] (WO2011/086080)

[30] EP (10305043.1) 2010-01-14

[21] **2,804,129**
[13] A1

[51] **Int.Cl. A61K 35/56 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 7/02 (2006.01) A61P 9/12 (2006.01)**

[25] EN

[54] **MANUFACTURING METHOD FOR DRIED EARTHWORM POWDER**

[54] **PROCEDE DE FABRICATION DE POUDRE DE VER DE TERRE SECHE**

[72] ISHII, KAZUYUKI, JP

[71] WELL STONE CO., JP

[85] 2012-12-28

[86] 2011-10-05 (PCT/JP2011/073017)

[87] (WO2012/073593)

[30] JP (2011-087779) 2011-04-11

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[21] **2,804,131**
[13] A1

[51] **Int.Cl. C08G 69/26 (2006.01) C08L 21/00 (2006.01) C08L 77/06 (2006.01)**

[25] EN

[54] **REACTIVE POLYAMIDE RESINS AND POLYAMIDE RESIN COMPOSITIONS**

[54] **RESINE POLYAMIDE REACTIVE ET COMPOSITION DE RESINE POLYAMIDE**

[72] MITADERA, JUN, JP
[72] AYUBA, SHINICHI, JP
[72] MATSUMOTO, NOBUHIKO, JP
[72] OTSUKA, KOSUKE, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP

[85] 2012-12-28
[86] 2012-05-18 (PCT/JP2012/062814)
[87] (WO2012/169334)
[30] JP (2011-129969) 2011-06-10

[21] **2,804,132**
[13] A1

[51] **Int.Cl. B23K 26/42 (2006.01) F16P 1/06 (2006.01)**

[25] EN

[54] **ARRANGEMENT AND METHOD FOR DETECTING RADIATION**

[54] **SYSTEME ET PROCEDE DE DETECTION D'UN RAYONNEMENT**

[72] GOEBEL, KLAUS R., DE
[72] MIESSEN, MATTHIAS, DE
[71] REIS GROUP HOLDING GMBH & CO. KG, DE
[71] INGENIEURBUERO GOEBEL GMBH, DE

[85] 2012-09-14
[86] 2011-01-20 (PCT/EP2011/050768)
[87] (WO2011/092110)
[30] DE (10 2010 000 227.5) 2010-01-27

[21] **2,804,133**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 6/00 (2006.01) C22C 33/06 (2006.01)**

[25] EN

[54] **IMPROVED FERRO-ALLOYS**

[54] **FERRO-ALLIAGES AMELIORES**

[72] RUHLMAN, JAMES D, US
[72] SCHERRER, CHARLES, US
[71] MCCONWAY & TORLEY, LLC, US
[71] RUHLMAN, JAMES D, US
[71] SCHERRER, CHARLES, US

[85] 2012-12-28
[86] 2011-06-24 (PCT/US2011/041740)
[87] (WO2012/005975)
[30] US (61/359,284) 2010-06-28

[21] **2,804,134**
[13] A1

[51] **Int.Cl. C08G 18/44 (2006.01) C08G 18/48 (2006.01) C08G 18/50 (2006.01) C08G 64/34 (2006.01) C08G 65/26 (2006.01) C08G 71/04 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING POLYOL MIXTURES**

[54] **PROCEDE DE PRODUCTION DE MELANGES DE POLYOLS**

[72] WAMPRECHT, CHRISTIAN, DE
[72] GUERTLER, CHRISTOPH, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2013-01-02
[86] 2011-07-04 (PCT/EP2011/061174)
[87] (WO2012/004209)
[30] DE (10 2010 030 950.8) 2010-07-05

[21] **2,804,135**
[13] A1

[51] **Int.Cl. B81C 1/00 (2006.01) B01L 3/00 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING MICROFLUIDIC DEVICES**

[54] **PROCEDE POUR PREPARER DES DISPOSITIFS MICROFLUIDIQUES**

[72] NAESSENS, KRIS, BE
[72] MONTOYE, TONY, BE
[71] TRINEAN NV, BE

[85] 2013-01-02
[86] 2011-07-07 (PCT/EP2011/061533)
[87] (WO2012/004353)
[30] EP (10169186.3) 2010-07-09

[21] **2,804,137**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/429 (2006.01) A61K 31/4355 (2006.01) A61K 31/4365 (2006.01) A61K 31/437 (2006.01) A61K 31/55 (2006.01) A61P 25/28 (2006.01) C07D 491/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**

[25] EN

[54] **FUSED HETEROCYCLIC DERIVATIVES AS S1P MODULATORS**

[54] **DERIVES HETEROCYCLIQUES FUSIONNES EN TANT QUE MODULATEURS DE S1P**

[72] SMID, PIETER, NL
[72] IWEMA BAKKER, WOUTER I., NL
[72] COOLEN, HEIN K.A.C., NL
[72] SLIEDREGT, LEONARDUS A.J.M., NL
[72] VAN DONGEN, MARIA J.P., NL
[72] DEN HARTOG, JACOBUS A.J., NL
[71] ABBVIE B.V., NL

[85] 2013-01-02
[86] 2011-07-08 (PCT/EP2011/061586)
[87] (WO2012/004373)
[30] US (61/362,784) 2010-07-09
[30] EP (10169107.9) 2010-07-09
[30] US (61/446,541) 2011-02-25
[30] EP (11156007.4) 2011-02-25

[21] **2,804,140**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR PROVIDING A TOTE DELIVERY OPTION**

[54] **PROCEDES ET APPAREIL POUR FOURNIR UNE OPTION DE LIVRAISON EN EMBALLAGES**

[72] DEARLOVE, JANICE, VIVIANNE, US
[72] VUILLEMOT, WARD, W., US
[72] WILKE, JEFFREY, A., US
[72] HERRINGTON, DOUGLAS, J., US
[71] AMAZON TECHNOLOGIES, INC., US

[85] 2012-12-28
[86] 2011-06-27 (PCT/US2011/042042)
[87] (WO2012/006031)
[30] US (12/825,254) 2010-06-28
[30] US (12/825,249) 2010-06-28
[30] US (12/825,243) 2010-06-28
[30] US (12/825,234) 2010-06-28
[30] US (12/825,226) 2010-06-28

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[21] **2,804,141**
[13] A1

[51] **Int.Cl. H04L 12/46 (2006.01) H04L 29/12 (2006.01)**

[25] EN

[54] **ASYMMETRIC NETWORK ADDRESS ENCAPSULATION**

[54] **ENCAPSULATION D'ADRESSE DE RESEAU ASYMETRIQUE**

[72] DUNBAR, LINDA, US

[72] YIN, GUOLI, CA

[72] XIONG, YIJUN, US

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2012-12-28

[86] 2011-06-29 (PCT/US2011/042467)

[87] (WO2012/006198)

[30] US (61/359,736) 2010-06-29

[30] US (61/374,514) 2010-08-17

[30] US (61/411,324) 2010-11-08

[30] US (61/449,918) 2011-03-07

[21] **2,804,143**
[13] A1

[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/438 (2006.01) A61P 25/00 (2006.01) C07D 265/34 (2006.01)**

[25] EN

[54] **SPIRO-CYCLIC AMINE DERIVATIVES AS S1P MODULATORS**

[54] **DERIVES D'AMINES SPIRO-CYCLIQUES EN TANT QUE MODULATEURS DE S1P**

[72] STOIT, AXEL, NL

[72] IWEMA BAKKER, WOUTER I., NL

[72] COOLEN, HEIN K.A.C., NL

[72] VAN DONGEN, MARIA J.P., NL

[72] LEFLEMME, NICOLAS J.-L.D., NL

[71] ABBVIE B.V., NL

[85] 2013-01-02

[86] 2011-07-08 (PCT/EP2011/061599)

[87] (WO2012/004378)

[30] US (61/362,782) 2010-07-09

[30] EP (10169104.6) 2010-07-09

[30] US (61/444,186) 2011-02-18

[30] EP (11154961.4) 2011-02-18

[21] **2,804,144**
[13] A1

[51] **Int.Cl. A61K 31/201 (2006.01) A61K 31/20 (2006.01) A61K 31/202 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **MULTI-COMPONENT PHARMACEUTICALS FOR TREATING DIABETES**

[54] **AGENTS PHARMACEUTIQUES MULTICOMPOSANTS POUR TRAITER LE DIABETE**

[72] MILLER, RAYMOND A., US

[71] COMPLEXA, INC., US

[85] 2012-12-28

[86] 2011-06-27 (PCT/US2011/042011)

[87] (WO2012/006014)

[30] US (61/359,129) 2010-06-28

[21] **2,804,146**
[13] A1

[51] **Int.Cl. C09C 1/02 (2006.01) C02F 1/68 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF SURFACE-TREATED CALCIUM CARBONATE MATERIAL AND USE OF SAME IN THE CONTROL OF ORGANIC MATERIAL IN AN AQUEOUS MEDIUM**

[54] **PROCEDE DE PREPARATION D'UN MATERIAU A BASE DE CARBONATE DE CALCIUM AYANT SUBI UN TRAITEMENT SUPERFICIEL ET SON UTILISATION DANS LA LUTTE CONTRE LES MATERIAUX ORGANIQUES EN MILIEU AQUEUX**

[72] BURI, MATTHIAS, CH

[72] RENTSCH, SAMUEL, CH

[72] GANE, PATRICK A.C., CH

[72] GANTENBEIN, DANIEL, CH

[72] SCHOELKOPF, JOACHIM, CH

[71] OMYA DEVELOPMENT AG, CH

[85] 2013-01-02

[86] 2011-07-12 (PCT/EP2011/061869)

[87] (WO2012/010466)

[30] EP (10170110.0) 2010-07-20

[30] US (61/500,171) 2011-06-23

[21] **2,804,147**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/135 (2006.01) A61K 31/485 (2006.01)**

[25] EN

[54] **SUSTAINED RELEASE COMPOSITION COMPRISING AN AMINE AS ACTIVE AGENT AND A SALT OF A CYCLIC ORGANIC ACID**

[54] **COMPOSITIONS PHARMACEUTIQUES ORALES COMPRENANT UN COMPOSE CONTENANT UNE AMINE ET UN SEL D'UN ACIDE ORGANIQUE CYCLIQUE**

[72] ORTIZ, RONNIE, US

[72] JENSEN, JAMES S., US

[72] LUNDELL, KRISTOPHER R., US

[72] O'NEILL, VICTORIA ANN, US

[72] MAHONEY, SEAN, US

[71] UPSHER-SMITH LABORATORIES, INC., US

[85] 2012-12-28

[86] 2011-06-29 (PCT/US2011/042428)

[87] (WO2012/003231)

[30] US (61/360,179) 2010-06-30

[21] **2,804,148**
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/445 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **TRANSDERMAL DRUG DELIVERY SYSTEM CONTAINING DONEPEZIL**

[54] **SYSTEME TRANSDERMIQUE D'ADMINISTRATION DE MEDICAMENT CONTENANT DU DONEPEZIL**

[72] CHOI, HOO-KYUN, KR

[72] CHUN, MYUNG-KWAN, KR

[71] NAL PHARMACEUTICALS LTD., CN

[85] 2012-12-28

[86] 2011-04-27 (PCT/KR2011/003052)

[87] (WO2012/002640)

[30] KR (10-2010-0062433) 2010-06-30

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[21] **2,804,149**
[13] A1

[51] **Int.Cl. A61K 39/145 (2006.01) A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61K 47/48 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **NANOEMULSION VACCINES**

[54] **VACCINS EN NANOEMULSION**

[72] BAKER, JAMES R., JR., US

[72] HAMOUDA, TAREK, US

[72] CIOTTI, SUSAN M., US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[71] NANOBIO CORPORATION, US

[85] 2012-12-28

[86] 2011-06-30 (PCT/US2011/042658)

[87] (WO2012/003361)

[30] US (61/361,214) 2010-07-02

[21] **2,804,150**
[13] A1

[51] **Int.Cl. B32B 27/20 (2006.01) B32B 27/08 (2006.01)**

[25] EN

[54] **MULTI-LAYER ARTICLES CAPABLE OF FORMING COLOR IMAGES AND METHODS OF FORMING COLOR IMAGES**

[54] **ARTICLES MULTICOUCHES CAPABLES DE FORMER DES IMAGES EN COULEUR ET PROCEDES PERMETTANT DE FORMER DES IMAGES EN COULEUR**

[72] DUNN, DOUGLAS S., US

[72] MERRILL, WILLIAM WARD, US

[72] MARKOWICZ, PRZEMYSŁAW P., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2012-12-28

[86] 2011-06-30 (PCT/US2011/042478)

[87] (WO2012/003247)

[30] US (61/360,032) 2010-06-30

[21] **2,804,151**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **MULTIPLE BALL-BALL SEAT FOR HYDRAULIC FRACTURING WITH REDUCED PUMPING PRESSURE**

[54] **SIEGE DE ROTULE OU DE MULTIPLES ROTULES PERMETTANT UNE FRACTURATION HYDRAULIQUE AVEC UNE PRESSION DE POMPAGE REDUITE**

[72] BOSCAN, JOSE HURTADO, US

[72] SHKURTI, PIRO, US

[72] WOLF, JOHN C., US

[71] SMITH INTERNATIONAL, INC., US

[85] 2012-12-28

[86] 2011-07-01 (PCT/US2011/042739)

[87] (WO2012/003419)

[30] US (61/360,796) 2010-07-01

[30] US (13/091,988) 2011-04-21

[21] **2,804,152**
[13] A1

[51] **Int.Cl. A46B 5/00 (2006.01) A46B 7/06 (2006.01)**

[25] EN

[54] **QUAD-DIRECTIONAL ANGLE ADJUSTMENT APPARATUS AND QUAD-DIRECTIONAL ANGLE ADJUSTMENT BRUSH USING SAME**

[54] **APPAREIL D'AJUSTEMENT D'ANGLE DANS QUATRE DIRECTIONS ET BROUSSE A AJUSTEMENT D'ANGLE DANS QUATRE DIRECTIONS UTILISANT CET APPAREIL**

[72] SEO, JEONG-HYUN, KR

[71] SEO, JEONG-HYUN, KR

[85] 2012-12-28

[86] 2011-06-28 (PCT/KR2011/004724)

[87] (WO2012/002712)

[30] KR (10-2010-0060919) 2010-06-28

[21] **2,804,153**
[13] A1

[51] **Int.Cl. C08L 67/00 (2006.01) B65D 81/00 (2006.01) C08G 63/00 (2006.01) C08K 5/00 (2006.01)**

[25] EN

[54] **OXYGEN SCAVENGING PLASTIC MATERIAL**

[54] **MATIERE PLASTIQUE ELIMINANT L'OXYGENE**

[72] FAVA, FLAVIO, IT

[71] CLARIANT MASTERBATCHES (ITALIA) SPA, IT

[85] 2012-12-28

[86] 2011-06-16 (PCT/EP2011/002976)

[87] (WO2012/000614)

[30] EP (10006748.7) 2010-06-30

[21] **2,804,154**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **PERLECAN DOMAIN V PROTECTS, REPAIRS AND RESTORES ISCHEMIC BRAIN STROKE INJURY AND MOTOR FUNCTION**

[54] **UTILISATION DU DOMAINE V DU PERLECAN POUR LA PROTECTION ET LA REPARATION D'UN ACCIDENT CEREBRAL ISCHEMIQUE ET LA RESTAURATION DE LA FONCTION MOTRICE**

[72] BIX, GREGORY J., US

[71] THE TEXAS A&M UNIVERSITY SYSTEM, US

[85] 2012-12-28

[86] 2011-07-01 (PCT/US2011/042808)

[87] (WO2012/003452)

[30] US (61/360,739) 2010-07-01

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[21] **2,804,156**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61K 38/24 (2006.01) A61M 5/24 (2006.01) A61M 5/315 (2006.01) A61M 5/50 (2006.01)**

[25] EN

[54] **PRESERVATIVE-FREE FOLLICLE STIMULATING HORMONE SOLUTION DELIVERY DEVICE**

[54] **DISPOSITIF D'ADMINISTRATION DE SOLUTION D'HORMONE FOLLICULOSTIMULANTE EXEMPT DE CONSERVATEUR**

[72] BENDEK, ANTONIO, US

[72] DESALVO, DAVID, US

[72] GIAMBATTISTA, LUCIO, US

[72] HAYENGA, KIRK J., US

[72] HORTON, DARLENE P., US

[72] LAWLIS, V. BRYAN, US

[71] ITERO BIOPHARMACEUTICALS, INC., US

[71] CAREBAY HOLDING LTD., COMPANY NO. 681498, VG

[85] 2012-12-28

[86] 2011-07-05 (PCT/US2011/042972)

[87] (WO2012/003516)

[30] US (61/361,319) 2010-07-02

[21] **2,804,157**
[13] A1

[51] **Int.Cl. H04N 7/24 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SELECTING VIDEO CODEC TO BE USED BETWEEN STATIONS**

[54] **PROCEDE ET APPAREIL DESTINES A SELECTIONNER UN CODEC VIDEO A UTILISER ENTRE DES STATIONS**

[72] JUN, HAE-YOUNG, KR

[72] PARK, SUNG-BUM, KR

[72] PARK, DONG-SEEK, KR

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

[85] 2012-12-28

[86] 2011-07-01 (PCT/KR2011/004869)

[87] (WO2012/002779)

[30] US (61/360,594) 2010-07-01

[30] US (61/388,800) 2010-10-01

[30] KR (10-2011-0056999) 2011-06-13

[21] **2,804,158**
[13] A1

[51] **Int.Cl. C23C 26/00 (2006.01) C10M 103/00 (2006.01) C10M 177/00 (2006.01) C23C 30/00 (2006.01) F16J 10/04 (2006.01)**

[25] EN

[54] **METHOD FOR PROVIDING A LOW-FRICTION SURFACE**

[54] **PROCEDE PERMETTANT D'OBTENIR UNE SURFACE A FAIBLE COEFFICIENT DE FROTTEMENT**

[72] ZHMUD, BORIS, SE

[71] APPLIED NANO SURFACES SWEDEN AB, SE

[85] 2012-12-28

[86] 2010-07-16 (PCT/SE2010/050850)

[87] (WO2012/008890)

[21] **2,804,159**
[13] A1

[51] **Int.Cl. B61D 9/14 (2006.01) B61D 9/06 (2006.01) B61D 9/08 (2006.01) B61F 1/02 (2006.01)**

[25] EN

[54] **A SYSTEM FOR TURNING A CARGO CARRIER AS WELL AS A TRANSPORT DEVICE PROVIDED WITH A LOOSE CARGO CARRIER**

[54] **SYSTEME POUR FAIRE TURNER UN PORTE-CHARGE AINSI QUE DISPOSITIF DE TRANSPORT POURVU DE PORTE-CHARGE LACHE**

[72] BOLSOEY, BENGT, SE

[72] KANGAS, FREDRIK, SE

[72] KANGAS, DANIEL, SE

[71] KIRUNA WAGON AB, SE

[85] 2012-12-28

[86] 2011-06-29 (PCT/SE2011/000125)

[87] (WO2012/002873)

[30] SE (1050718-4) 2010-06-30

[21] **2,804,160**
[13] A1

[51] **Int.Cl. H05B 3/28 (2006.01)**

[25] EN

[54] **A LOW RESISTANCE ELECTRIC HEATING SYSTEM**

[54] **SYSTEME DE CHAUFFAGE ELECTRIQUE FAIBLE RESISTANCE**

[72] MANTOCK, PAUL LENWORTH, GB

[71] MANTOCK, PAUL LENWORTH, GB

[85] 2012-12-31

[86] 2010-06-30 (PCT/GB2010/001266)

[87] (WO2011/001144)

[30] GB (0911410.9) 2009-07-01

[21] **2,804,161**
[13] A1

[51] **Int.Cl. C07D 209/88 (2006.01) A61K 31/403 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 471/04 (2006.01) C07F 5/02 (2006.01)**

[25] EN

[54] **PRO-NEUROGENIC COMPOUNDS**

[54] **COMPOSES PRONEUROGENES**

[72] MCKNIGHT, STEVEN L., US

[72] PIEPER, ANDREW A., US

[72] READY, JOSEPH M., US

[72] DE BRABANDER, JEF K., US

[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2012-12-28

[86] 2011-07-07 (PCT/US2011/043185)

[87] (WO2012/006419)

[30] US (12/832,056) 2010-07-07

[30] US (13/177,981) 2011-07-07

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[21] **2,804,162**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **NEW CRYSTALLINE FORMS OF N-[2-[[[(2,3-DIFLUOROPHENY)METHYL)THIO]-6-[[[(1R,2S)-2,3-DIHYDROXY-1-METHYLPROPYL]OXY]-4-PYRIMIDINYL]-1-AZETIDINESULFONAMIDE**
[54] **NOUVELLES FORMES CRISTALLINES DE N-[2-[[[(2,3-DIFLUOROPHENYLE)METHYL)THIO]-6-[[[(1R,2S)-2,3-DIHYDROXY-1-METHYLPROPYL]OXY]-4-PYRIMIDINYL]-1-AZETIDINESULFONAMIDE**
[72] GULLBERG, BRITT ANNE INGELA, SE
[72] LARSSON, PETER THOMAS, SE
[72] STONEHOUSE, JEFFREY PAUL, GB
[71] ASTRAZENECA AB, SE
[85] 2012-12-31
[86] 2011-07-12 (PCT/GB2011/051308)
[87] (WO2012/007748)
[30] US (61/363,726) 2010-07-13

[21] **2,804,163**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A01N 43/60 (2006.01) A01N 43/80 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 407/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NOVEL HETARYL (THIO)CARBOXAMIDE COMPOUNDS FOR CONTROLLING INVERTEBRATE PESTS**
[54] **NOUVEAUX COMPOSES HETARYL-(THIO)CARBOXAMIDES POUR LUTTER CONTRE LES PARASITES INVERTEBRES**
[72] SOERGEL SEBASTIAN, DE
[72] DEFIEBER, CHRISTIAN, DE
[72] LE VEZOUET, RONAN, DE
[72] CULBERTSON, DEBORAH L., US
[72] ANSPAUGH, DOUGLAS D., US
[71] BASF SE, DE
[85] 2012-12-28
[86] 2011-07-18 (PCT/EP2011/062198)
[87] (WO2012/010534)
[30] US (61/366,542) 2010-07-22

[21] **2,804,164**
[13] A1

[51] **Int.Cl. C12N 15/87 (2006.01) B82Y 5/00 (2011.01) A01H 5/00 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PRODUCTION OF FUNCTIONALIZED LINEAR DNA CASSETTE AND QUANTUM DOT/NANOPARTICLE MEDIATED DELIVERY IN PLANTS**
[54] **PRODUCTION DE CASSETTE D'ADN LINEAIRE FONCTIONNALISE ET SA DIFFUSION DANS DES PLANTES ASSISTEE PAR DES POINTS QUANTIQUES/NANOPARTICULE S**
[72] YAU, KERRM Y., US
[72] SAMUEL, JAYAKUMAR PON, US
[72] BURROUGHS, FRANK G., US
[72] SAMBOJU, NARASIMHA CHARY, US
[72] WEBB, STEVEN R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2012-12-28
[86] 2011-07-07 (PCT/US2011/043217)
[87] (WO2012/006439)
[30] US (61/362,222) 2010-07-07

[21] **2,804,165**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/506 (2006.01) A61P 25/08 (2006.01) A61P 25/22 (2006.01) A61P 25/28 (2006.01) A61P 29/02 (2006.01)**
[25] EN
[54] **PIPERIDINYL PYRIMIDINE AMIDES AS KV7 POTASSIUM CHANNEL OPENERS**
[54] **AMIDES PIPERIDINYL PYRIMIDINE EN TANT QU'OUVREURS DU CANAL POTASSIQUE KO7**
[72] CLAFFEY, MICHELLE MARIE, US
[72] DAVOREN, JENNIFER ELIZABETH, US
[72] LOWE, JOHN ADAMS, III, US
[72] MATHER, ROBERT JOSEPH, US
[71] PFIZER INC., US
[85] 2012-12-31
[86] 2011-06-20 (PCT/IB2011/052686)
[87] (WO2012/004698)
[30] US (61/362,505) 2010-07-08

[21] **2,804,166**
[13] A1

[51] **Int.Cl. A63B 53/02 (2006.01)**
[25] EN
[54] **REMOTE BUTTON ACTIVATOR FOR ELECTRONIC DISPLAY DEVICES**
[54] **ACTIVATEUR A BOUTON A DISTANCE POUR DISPOSITIFS D'AFFICHAGE ELECTRONIQUE**
[72] AUGUSTE, DONNA M., US
[72] HAYES, DAVID E., US
[71] ALPHA & OMEGA, INC., US
[85] 2012-12-28
[86] 2011-07-01 (PCT/US2011/042818)
[87] (WO2012/003458)
[30] US (12/830,274) 2010-07-02

[21] **2,804,167**
[13] A1

[51] **Int.Cl. B32B 21/10 (2006.01) E04C 2/18 (2006.01) E04C 2/22 (2006.01) E04F 13/16 (2006.01) E04F 15/02 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **A PANEL COMPRISING A POLYMERIC COMPOSITE LAYER AND A REINFORCEMENT LAYER**
[54] **PANNEAU COMPRENANT UNE COUCHE COMPOSITE POLYMERE ET UNE COUCHE DE REINFORCEMENT**
[72] VERMEULEN, BRUNO PAUL LOUIS, BE
[71] SPANOLUX N.V.-DIV. BALTERIO, BE
[85] 2012-12-28
[86] 2011-06-30 (PCT/EP2011/060991)
[87] (WO2012/001091)
[30] EP (10167985.0) 2010-06-30

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[21] **2,804,168**
[13] A1

[51] **Int.Cl. C12N 15/87 (2006.01) B82Y 5/00 (2011.01) A01H 5/00 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **LINEAR DNA MOLECULE DELIVERY USING PEGYLATED QUANTUM DOTS FOR STABLE TRANSFORMATION IN PLANTS**

[54] **DELIVRANCE D'UNE MOLECULE D'ADN LINEAIRE UTILISANT DES BOITES QUANTIQUES PEGYLEES POUR UNE TRANSFORMATION STABLE DANS DES PLANTES**

[72] SAMBOJU, NARASIMHA CHARY, US

[72] YAU, KERRM Y., US

[72] BURROUGHS, FRANK G., US

[72] SAMUEL, JAYAKUMAR PON, US

[72] WEBB, STEVEN R., US

[71] DOW AGROSCIENCES LLC, US

[85] 2012-12-28

[86] 2011-07-07 (PCT/US2011/043221)

[87] (WO2012/006443)

[30] US (61/362,224) 2010-07-07

[21] **2,804,169**
[13] A1

[51] **Int.Cl. D21H 21/28 (2006.01) D21H 21/30 (2006.01) D21H 21/32 (2006.01)**

[25] EN

[54] **AQUEOUS COMPOSITIONS FOR WHITENING AND SHADING IN COATING APPLICATIONS**

[54] **COMPOSITIONS AQUEUSES DE BLANCHIMENT ET DE NUANCAGE DANS LES APPLICATIONS DE REVETEMENTS**

[72] GREETHER-SCHENE, HEIDRUN, DE

[72] KLEIN, CEDRIC, FR

[72] PUDDIPHATT, DAVID, CH

[71] CLARIANT FINANCE (BVI) LIMITED, VG

[85] 2012-12-28

[86] 2011-06-21 (PCT/EP2011/003047)

[87] (WO2012/000624)

[30] EP (10006814.7) 2010-07-01

[21] **2,804,170**
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) A61B 17/94 (2006.01) A61B 18/02 (2006.01) A61B 19/00 (2006.01)**

[25] EN

[54] **ENDOLUMINAL ABLATION CRYOBALLOON AND METHOD**

[54] **BALLONNET CRYOGENIQUE POUR ABLATION ENDOLUMINALE ET PROCEDE ASSOCIE**

[72] WITTENBERGER, DAN, CA

[71] MEDTRONIC CRYOCATH LP, CA

[85] 2012-12-31

[86] 2011-07-18 (PCT/CA2011/000821)

[87] (WO2012/012868)

[30] US (12/845,492) 2010-07-28

[21] **2,804,172**
[13] A1

[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/64 (2006.01)**

[25] EN

[54] **FLAT RHEOLOGY WELLBORE FLUID**

[54] **FLUIDE DE Puits DE Forage A RHEOLOGIE PLATE**

[72] RIFE, NATHAN, US

[72] YOUNG, STEVEN, US

[72] LEE, LIJEIN, US

[71] M-I L.L.C., US

[85] 2012-12-28

[86] 2011-06-30 (PCT/US2011/042606)

[87] (WO2012/003325)

[30] US (61/360,391) 2010-06-30

[21] **2,804,173**
[13] A1

[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61K 31/4439 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 25/04 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **CHEMICAL COMPOUNDS**

[54] **COMPOSES CHIMIQUES**

[72] MARKWORTH, CHRISTOPHER JOHN, US

[72] MARRON, BRIAN EDWARD, US

[72] RAWSON, DAVID JAMES, GB

[72] STORER, ROBERT IAN, GB

[72] SWAIN, NIGEL ALAN, GB

[72] WEST, CHRISTOPHER WILLIAM, US

[72] ZHOU, SHULAN, US

[71] PFIZER LIMITED, NL

[71] ICAGEN, INC., US

[85] 2012-12-31

[86] 2011-06-28 (PCT/IB2011/052840)

[87] (WO2012/004706)

[30] US (61/362,904) 2010-07-09

[21] **2,804,174**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/4178 (2006.01) A61P 25/30 (2006.01)**

[25] EN

[54] **MOLECULAR GENETIC APPROACH TO TREATMENT AND DIAGNOSIS OF ALCOHOL AND DRUG DEPENDENCE**

[54] **APPROCHE GENETIQUE MOLECULAIRE POUR TRAITEMENT ET DIAGNOSTIC DE DEPENDANCE A L'ALCOOL ET AUX MEDICAMENTS**

[72] JOHNSON, BANKOLE A., US

[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US

[85] 2012-12-28

[86] 2011-07-01 (PCT/US2011/042823)

[87] (WO2012/003462)

[30] US (61/361,203) 2010-07-02

[30] US (61/429,416) 2011-01-03

[30] US (61/488,328) 2011-05-20

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[21] **2,804,175**
[13] A1

[51] **Int.Cl. A61B 18/02 (2006.01) A61B 5/046 (2006.01) A61B 17/94 (2006.01) A61B 18/04 (2006.01) A61F 7/12 (2006.01) A61M 25/10 (2013.01) A61M 25/14 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR PULMONARY VEIN ISOLATION**

[54] **DISPOSITIF ET PROCEDE D'ISOLATION DE VEINE PULMONAIRE**

[72] WITTENBERGER, DAN, CA
[72] DEAC, IOANA ALINA, CA
[72] LALONDE, JEAN-PIERRE, CA
[72] DE ROY, DEBORAH A., CA
[71] MEDTRONIC CRYOCATH LP, CA
[85] 2012-12-31
[86] 2011-07-18 (PCT/CA2011/000822)
[87] (WO2012/012869)
[30] US (12/845,312) 2010-07-28

[21] **2,804,177**
[13] A1

[51] **Int.Cl. C07D 215/16 (2006.01) A61K 31/4418 (2006.01) A61K 31/444 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61P 17/06 (2006.01) C07D 215/18 (2006.01)**

[25] EN

[54] **NOVEL QUINOLINE ESTERS USEFUL FOR TREATING SKIN DISORDERS**

[54] **NOUVEAUX ESTERS DE QUINOLEINE UTILES POUR LE TRAITEMENT DE TROUBLES CUTANES**

[72] BERNOTAS, RONALD CHARLES, US
[72] SINGHAUS, ROBERT, US
[72] NAGPAL, SUNIL, US
[72] THOMPSON, CATHERINE, US
[71] WYETH LLC, US
[85] 2012-12-31
[86] 2011-07-05 (PCT/IB2011/052984)
[87] (WO2012/004748)
[30] US (61/362,320) 2010-07-08

[21] **2,804,178**
[13] A1

[51] **Int.Cl. G01B 3/10 (2006.01) B65H 75/44 (2006.01) F16D 55/02 (2006.01) F16D 65/14 (2006.01)**

[25] EN

[54] **A DISC BRAKE FOR A TAPE MEASURE**

[54] **FREIN A DISQUE POUR BANDE DE MESURE**

[72] NIELSON, ROB, CA
[72] HUNSBERGER, MATTHEW, CA
[71] NIELSON, ROB, CA
[85] 2012-12-31
[86] 2010-06-29 (PCT/CA2010/001004)
[87] (WO2011/000092)
[30] US (61/221,493) 2009-06-29

[21] **2,804,179**
[13] A1

[51] **Int.Cl. G01S 3/02 (2006.01)**

[25] EN

[54] **INDOOR SATELLITE NAVIGATION SYSTEM**

[54] **SYSTEME DE NAVIGATION PAR SATELLITE INTERIEUR**

[72] ARIEL, ELIYAHU, IL
[72] ZIVHON, RAN, IL
[71] GALILEO SATELLITE NAVIGATION LTD., IL
[85] 2012-12-31
[86] 2011-07-06 (PCT/IB2011/052990)
[87] (WO2012/004750)
[30] US (61/361,537) 2010-07-06

[21] **2,804,180**
[13] A1

[51] **Int.Cl. C22B 3/08 (2006.01) C22B 15/00 (2006.01)**

[25] EN

[54] **LEACHING PROCESS FOR COPPER CONCENTRATES CONTAINING CHALCOPYRITE**

[54] **PROCEDE DE LIXIVIATION POUR CONCENTRES DE CUIVRE CONTENANT DE LA CHALCOPYRITE**

[72] DIXON, DAVID G., CA
[72] NAZARI, GHAZALEH T., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2012-12-31
[86] 2011-06-28 (PCT/CA2011/000757)
[87] (WO2012/000090)
[30] US (61/361,299) 2010-07-02

[21] **2,804,181**
[13] A1

[51] **Int.Cl. B29C 70/08 (2006.01) B29B 15/10 (2006.01) B29C 70/34 (2006.01) B29C 70/86 (2006.01) C08G 18/00 (2006.01)**

[25] EN

[54] **ENVIRONMENTALLY FRIENDLY POLYURETHANE COMPOSITE PANEL AND METHOD TO MANUFACTURE IT**

[54] **PANNEAU COMPOSITE EN POLYURETHANE ECOLOGIQUE ET SON PROCEDE DE FABRICATION**

[72] JAMES, ALLAN, US
[72] PAOLINI, DANIELE, IT
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-12-28
[86] 2011-07-11 (PCT/US2011/043503)
[87] (WO2012/015583)
[30] IT (MI2010A001380) 2010-07-27

[21] **2,804,182**
[13] A1

[51] **Int.Cl. F04B 33/00 (2006.01)**

[25] EN

[54] **MEASURING AND READING THE SIZE OF A PARAMETER OF A REMOTELY POSITIONED DEVICE**

[54] **MESURE ET LECTURE DE LA TAILLE D'UN PARAMETRE DE DISPOSITIF POSITIONNE A DISTANCE**

[72] VAN DER BLOM, NICOLAAS, GB
[71] NVB INTERNATIONAL UK LTD, GB
[85] 2012-12-31
[86] 2010-06-30 (PCT/EP2010/004024)
[87] (WO2011/000578)
[30] EP (EP 09075281) 2009-06-30

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[21] **2,804,183**
[13] A1

[51] **Int.Cl. G02B 6/00 (2006.01) H02G 15/08 (2006.01) H02G 15/10 (2006.01) H02G 15/18 (2006.01)**

[25] EN

[54] **OPTICAL CABLE CONNECTION BOX WITH AUXILIARY DEVICE FOR GAP FILLING AND WATERPROOFING**

[54] **BOITIER DE CONNEXION DE CABLE OPTIQUE A DISPOSITIF AUXILIAIRE DE REMPLISSAGE D'ESPACE ET D'IMPERMEABILISATION**

[72] HSING, CHIH-KUANG, CN
[71] CHI, YU-FEN, CN
[85] 2012-12-31
[86] 2010-07-02 (PCT/CN2010/074946)
[87] (WO2012/000205)

[21] **2,804,184**
[13] A1

[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/064 (2006.01)**

[25] EN

[54] **WELLBORE CONTROL DEVICE**

[54] **DISPOSITIF DE COMMANDE DE TROU DE FORAGE**

[72] EDWARDS, JEFFREY, GB
[71] ENOVATE SYSTEMS LIMITED, GB
[85] 2012-12-31
[86] 2011-07-04 (PCT/CA2011/000768)
[87] (WO2012/000098)
[30] GB (1011068.2) 2010-07-01

[21] **2,804,185**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) C07K 16/28 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **MULTIFUNCTIONAL ANTIBODY CONJUGATES**

[54] **CONJUGUES D'ANTICORPS MULTIFONCTIONNELS**

[72] BHAT, ABHIJIT SURESH, US
[72] BRADSHAW, CURT WILLIAM, US
[72] LAURENT, OLIVIER ALEXANDRE, US
[72] PRESTON, RICHARD RYAN, US
[72] TUMELTY, DAVID, US
[72] WOOD, LAUREN DIANE, US
[72] YU, WEI HONG, US
[72] LEE, ALICE, US
[71] COVX TECHNOLOGIES IRELAND LIMITED, IE
[85] 2012-12-31
[86] 2011-07-11 (PCT/IB2011/053092)
[87] (WO2012/007896)
[30] US (61/363,507) 2010-07-12

[21] **2,804,186**
[13] A1

[51] **Int.Cl. D21C 11/00 (2006.01) C08H 8/00 (2010.01)**

[25] EN

[54] **PROCESS FOR PRODUCTION OF PRECIPITATED LIGNIN FROM BLACK LIQUOR AND PRECIPITATED LIGNIN PRODUCED BY THE PROCESS**

[54] **PROCEDE DE PRODUCTION DE LIGNINE PRECIPITEE A PARTIR DE LIQUEUR NOIRE ET LIGNINE PRECIPITEE AINSI PRODUITE**

[72] HANNUS, MIKAEL, SE
[72] BJOERK, MARIA, SE
[72] GAROFF, NIKLAS, SE
[72] ENGLUND, INGRID, SE
[71] STORA ENSO OYJ, FI
[85] 2012-12-28
[86] 2011-07-07 (PCT/SE2011/050920)
[87] (WO2012/005677)
[30] US (61/362,011) 2010-07-07

[21] **2,804,188**
[13] A1

[51] **Int.Cl. H04W 4/04 (2009.01) G06F 21/00 (2013.01)**

[25] EN

[54] **AUTOMATIC CREATION AND MODIFICATION OF DYNAMIC GEOFENCES**

[54] **CREATION ET MODIFICATION AUTOMATIQUES DE PERIMETRES VIRTUELS DYNAMIQUES**

[72] BROSCOE, STEPHEN, CA
[72] LOVELAND, DAMIEN GERARD, CA
[71] ABSOLUTE SOFTWARE CORPORATION, CA
[85] 2012-12-31
[86] 2011-07-04 (PCT/CA2011/000787)
[87] (WO2012/000107)
[30] US (61/360,899) 2010-07-01

[21] **2,804,189**
[13] A1

[51] **Int.Cl. H04W 48/18 (2009.01) H04W 8/26 (2009.01) H04W 64/00 (2009.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR TRACKING MOBILE ELECTRONIC DEVICES WHILE CONSERVING CELLULAR NETWORK RESOURCES**

[54] **PROCEDE ET SYSTEME POUR LOCALISER DES DISPOSITIFS ELECTRONIQUES MOBILES AVEC CONSERVATION DES RESSOURCES DE RESEAU CELLULAIRE**

[72] LOVELAND, DAMIEN GERARD, CA
[71] ABSOLUTE SOFTWARE CORPORATION, CA
[85] 2012-12-31
[86] 2011-07-04 (PCT/CA2011/000788)
[87] (WO2012/000108)
[30] US (61/360,906) 2010-07-01

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[13] A1

[51] **Int.Cl. C07F 9/6584 (2006.01) A61K 31/675 (2006.01) A61P 35/00 (2006.01) C07F 9/6512 (2006.01) C07F 9/6558 (2006.01) C07F 9/6574 (2006.01)**

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[54] **PHOSPHORUS CONTAINING QUINAZOLINE COMPOUNDS AND METHODS OF USE**

[54] **COMPOSES QUINAZOLINE CONTENANT DU PHOSPHORE ET PROCEDES D'UTILISATION**

[72] SHEN, WANG, US
[72] ZHANG, AIMIN, US
[72] FAN, JUNFA, US
[72] ZHENG, XIAOLING, US
[71] NEWGEN THERAPEUTICS, INC., US
[85] 2012-12-28
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[30] US (61/222,551) 2009-07-02

[21] **2,804,193**
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[51] **Int.Cl. A01N 63/02 (2006.01) A01P 1/00 (2006.01) C09D 5/16 (2006.01)**

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[54] **EXOPOLYSACCHARIDES FOR PREVENTING AND CONTROLLING THE FORMATION OF BIOFILMS**

[54] **EXOPOLYSACCHARIDES POUR LA PREVENTION ET LA LUTTE CONTRE LA FORMATION DE BIOFILMS**

[72] GUEZENNEC, JEAN, FR
[71] IFREMER-INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER, FR
[85] 2012-12-28
[86] 2011-07-01 (PCT/EP2011/061156)
[87] (WO2012/001164)
[30] EP (10305725.3) 2010-07-02
[30] EP (10305928.3) 2010-08-31

[21] **2,804,195**
[13] A1

[51] **Int.Cl. C11D 17/00 (2006.01) C11D 3/22 (2006.01) C11D 3/37 (2006.01) C11D 3/39 (2006.01)**

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[54] **PARTICLES WITH A PLURALITY OF COATINGS**

[54] **PARTICULES DOTEES D'UNE PLURALITE DE REVETEMENTS**

[72] FERNANDEZ PRIETO, SUSANA, ES
[72] SMETS, JOHAN, BE
[72] AOUAD, YOUSEF GEORGES, US
[72] WEVERS, JEAN, BE
[72] BAGLIONI, PIERO, IT
[72] AMBROSI, MOIRA, IT
[72] VANNUCCI, CHIARA, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-12-28
[86] 2011-07-20 (PCT/US2011/044624)
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[30] US (61/365,896) 2010-07-20
[30] US (61/367,990) 2010-07-27

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[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01)**

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[54] **MULTIPLE STAGE EVEN-DRYING WOOD KILN SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE FOUR A BOIS A ETAPES MULTIPLES POUR UN SECHAGE REGULIER**

[72] ERIKSEN, TIMOTHY L., US
[71] ERIKSEN, TIMOTHY L., US
[85] 2012-12-31
[86] 2011-06-30 (PCT/US2011/042517)
[87] (WO2012/003270)
[30] US (61/360,172) 2010-06-30
[30] US (13/106,152) 2011-05-12

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[51] **Int.Cl. C07D 231/12 (2006.01) A61K 31/415 (2006.01) A61P 29/00 (2006.01)**

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[54] **COMPOUNDS ACT AT MULTIPLE PROSTAGLANDIN RECEPTORS GIVING A GENERAL ANTI-INFLAMMATORY RESPONSE**

[54] **COMPOSES AGISSANT AU NIVEAU DE PLUSIEURS RECEPTEURS DE PROSTAGLANDINES POUR DONNER UNE REPONSE ANTI-INFLAMMATOIRE GENERALE**

[72] WOODWARD, DAVID F., US
[72] MARTOS, JOSE L., GB
[72] WANG, JENNY W., US
[72] CARLING, WILLIAM C., GB
[71] ALLERGAN, INC., US
[85] 2012-12-31
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[54] **NOVEL CALCIUM SALTS OF COMPOUND AS ANTI-INFLAMMATORY, IMMUNOMODULATORY AND ANTI-PROLIFERATORY AGENTS**

[54] **NOUVEAUX SELS DE CALCIUM DE COMPOSES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES, IMMUNOMODULATEURS ET ANTIPROLIFERATIFS**

[72] AMMENDOLA, ALDO, DE
[72] DIEDERICHS, JULIA, DE
[72] LEBAN, JOHANN, DE
[72] VITT, DANIEL, DE
[71] 4SC AG, DE
[85] 2012-12-31
[86] 2011-07-01 (PCT/EP2011/061128)
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[21] **2,804,198**
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[51] **Int.Cl. A61H 11/00 (2006.01) A61F 7/08 (2006.01) A61H 19/00 (2006.01) A61H 23/00 (2006.01) A61H 39/06 (2006.01)**

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[54] **METHOD AND APPARATUS TO RELIEVE MENSTRUAL PAIN**

[54] **PROCEDE ET APPAREIL POUR SOULAGER LA DOULEUR MENSTRUELLE**

[72] LEE, STEPHEN D., US
[72] GLENN, AKHAVEIN, US
[72] ROBERT, BRADY, US
[72] DANIEL, DUGAS, US
[71] EMBRACE, LLC, US
[85] 2012-12-28
[86] 2010-06-29 (PCT/US2010/040280)
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[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/506 (2006.01) A61P 27/00 (2006.01) A61P 37/06 (2006.01) C07D 413/14 (2006.01)**

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[54] **COMPOSITIONS AND METHODS FOR INHIBITION OF THE JAK PATHWAY**

[54] **COMPOSITIONS ET PROCEDES D'INHIBITION DE LA VOIE JAK**

[72] LI, HUI, US
[72] HECKRODT, THILO J., US
[72] CHEN, YAN, US
[72] MCMURTRIE, DARREN JOHN, US
[72] TAYLOR, VANESSA, US
[72] SINGH, RAJINDER, US
[72] DING, PINGYU, US
[72] YEN, ROSE, US
[71] RIGEL PHARMACEUTICALS, INC., US
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[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01)**

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[54] **DEVICES AND METHODS FOR CUTTING AND EVACUATING TISSUE**

[54] **DISPOSITIFS ET PROCEDES MEDICAUX DE DECOUPE ET/OU D'EVACUATION DE TISSU**

[72] DUBOIS, BRIAN R., US
[72] NIELSEN, JAMES T., US
[72] GORDON, ALEXANDER, US
[71] LAURIMED, LLC, US
[85] 2012-12-28
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[21] **2,804,201**
[13] A1

[51] **Int.Cl. A61K 47/16 (2006.01) A61K 31/19 (2006.01) A61K 33/18 (2006.01) A61K 47/02 (2006.01) A61P 31/02 (2006.01)**

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[54] **STABLE ANTISEPTIC COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS ANTISEPTIQUES STABLES ET PROCEDES**

[72] SCHOLZ, MATTHEW T., US
[72] LANDGREBE, KEVIN D., US
[72] WLASCHIN, KATIE F., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[21] **2,804,202**
[13] A1

[51] **Int.Cl. B65D 71/44 (2006.01) B65D 5/462 (2006.01) B65D 67/02 (2006.01) B65D 71/28 (2006.01)**

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[54] **CARRIER FOR BOTTLES**

[54] **PORTEUR POUR BOUTEILLES**

[72] SMALLEY, BRIAN, GB
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2012-12-28
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[87] (WO2012/016029)
[30] US (61/400,625) 2010-07-30

[21] **2,804,203**
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[51] **Int.Cl. C09J 7/02 (2006.01) B32B 27/08 (2006.01) B32B 27/18 (2006.01)**

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[54] **RELEASE FILM WITH LONG-TERM ANTISTATIC EFFECT**

[54] **FILM DE SEPARATION A EFFET ANTISTATIQUE DE LONGUE DUREE**

[72] SCHMITZER, SIEGFRIED, DE
[72] PANHANS, JUERGEN, DE
[71] HUHTAMAKI FILMS GERMANY GMBH & CO. KG, DE
[85] 2012-12-31
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[87] (WO2012/000602)
[30] DE (10 2010 025 938.1) 2010-07-02

[21] **2,804,204**
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01)**

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[54] **MEDICINE DISPENSING SYSTEM**

[54] **SYSTEME POUR DISTRIBUER UN MEDICAMENT**

[72] OMURA, YOSHIHITO, JP
[71] TOSHO, INC., JP
[85] 2012-12-31
[86] 2011-04-13 (PCT/JP2011/059215)
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[30] JP (2010-155292) 2010-07-07
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[13] A1

[51] **Int.Cl. C12Q 1/54 (2006.01) C12Q 1/02 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHOD TO MEASURE THE METABOLIC RATE OR RATE OF GLUCOSE CONSUMPTION OF CELLS OR TISSUES WITH HIGH SPATIOTEMPORAL RESOLUTION USING A GLUCOSE NANOSENSOR**
[54] **METHODE DE MESURE DU TAUX METABOLIQUE OU DU TAUX DE CONSOMMATION DU GLUCOSE PAR DES CELLULES OU DES TISSUS A UNE RESOLUTION SPATIOTEMPORELLE ELEVEE A L'AIDE D'UN NANOCAPTEUR DE GLUCOSE**
[72] BARROS OLMEDO, LUIS FELIPE, CL
[72] BITTNER HOFMANN, CARLA XIMENA, CL
[71] CARNEGIE, INSTITUTION OF WASHINGTON, US
[71] CENTRO DE ESTUDIOS CIENTIFICOS DE VALDIVIA, CL
[85] 2012-12-28
[86] 2010-06-30 (PCT/US2010/040643)
[87] (WO2012/002963)

[21] **2,804,207**
[13] A1

[51] **Int.Cl. H02K 3/12 (2006.01) H02K 3/28 (2006.01) H02K 15/00 (2006.01) H02K 15/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TWISTING BAR CONDUCTORS, IN PARTICULAR FOR BAR WINDINGS OF ELECTRIC MACHINES**
[54] **PROCEDE ET DISPOSITIF DE TORSION DE CONDUCTEURS BARRES, DESTINE EN PARTICULIER A DES ENROULEMENTS BARRES DE MACHINES ELECTRIQUES**
[72] GUERCIONI, SANTE, IT
[71] TECNOMATIC S.P.A., IT
[85] 2012-12-31
[86] 2010-07-08 (PCT/IT2010/000305)
[87] (WO2012/004817)

[21] **2,804,208**
[13] A1

[51] **Int.Cl. B03C 7/00 (2006.01) B03C 7/02 (2006.01) B03C 7/12 (2006.01)**
[25] EN
[54] **ELECTRIC SORTING BY MEANS OF CORONA DISCHARGE**
[54] **TRI PAR VOIE ELECTRIQUE AU MOYEN D'UN EFFET COURONNE**
[72] SCHAACK, SENADA, DE
[72] BENSCHIEDT, NICOLA, DE
[72] BORCHERS, FRANK, DE
[72] BERGHAHN, MATTHIAS, DE
[72] NORDHOFF, STEFAN, DE
[72] STENNER, PATRIK, DE
[71] EVONIK DEGUSSA GMBH, DE
[71] STEAG POWER MINERALS GMBH, DE
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[86] 2011-06-30 (PCT/EP2011/003223)
[87] (WO2012/003935)
[30] DE (10 2010 026 445.8) 2010-07-08

[21] **2,804,209**
[13] A1

[51] **Int.Cl. G01F 1/84 (2006.01)**
[25] EN
[54] **A VIBRATING METER INCLUDING A DAMPED METER COMPONENT**
[54] **VIBROMETRE COMPRENANT UN COMPOSANT AMORTI**
[72] LANHAM, GREGORY TREAT, US
[72] WERBACH, CHRISTOPHER A., US
[71] MICRO MOTION, INC., US
[85] 2012-12-28
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[87] (WO2012/005734)

[21] **2,804,210**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C07H 21/02 (2006.01) C07K 14/72 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE SPECIFIC INHIBITION OF ANDROGEN RECEPTOR BY DOUBLE-STRANDED RNA**
[54] **PROCEDES ET COMPOSITIONS POUR L'INHIBITION SPECIFIQUE DU RECEPTEUR DES ANDROGENES PAR ARN DOUBLE BRIN**
[72] BROWN, BOB DALE, US
[72] DUDEK, HENRYK T., US
[71] DICERNA PHARMACEUTICALS, INC., US
[85] 2012-12-31
[86] 2011-07-01 (PCT/US2011/042810)
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[21] **2,804,211**
[13] A1

[51] **Int.Cl. E05B 63/00 (2006.01)**
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[54] **SINGLE AND MULTI-POINT DOOR LOCK**
[54] **SERRURE DE PORTE UNIPOINT ET MULTIPOINTS**
[72] WHEELER, THOMAS J., US
[72] CHOW, WILLIAM, CHUNG-SUM, US
[71] ADAMS RITE MANUFACTURING CO., US
[85] 2012-12-31
[86] 2011-06-20 (PCT/US2011/041049)
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[30] US (12/803,585) 2010-07-01

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[13] A1

[51] **Int.Cl. G01F 1/84 (2006.01)**
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[54] **A VIBRATING METER INCLUDING AN IMPROVED METER CASE**
[54] **VIBROMETRE COMPRENANT UN BOITIER DE COMPTEUR AMELIORE**
[72] LANHAM, GREGORY TREAT, US
[72] WERBACH, CHRISTOPHER A., US
[72] PANKRATZ, ANTHONY WILLIAM, US
[71] MICRO MOTION, INC., US
[85] 2012-12-28
[86] 2010-07-09 (PCT/US2010/041483)
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[21] **2,804,213**
[13] A1

[51] **Int.Cl. B01J 37/00 (2006.01) B01J 23/745 (2006.01)**
[25] EN
[54] **MODIFIED FISCHER-TROPSCH CATALYST AND METHOD FOR CONVERSION OF SYNGAS**
[54] **CATALYSEUR FISCHER-TROPSCH MODIFIE ET PROCEDE DE CONVERSION DE GAZ DE SYNTHESE**
[72] KIBBY, CHARLES LEONARD, US
[72] TRIMM, DAVID LAWRENCE (DECEASED), AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] CHEVRON U.S.A. INC., US
[85] 2013-01-02
[86] 2011-07-01 (PCT/AU2011/000816)
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[30] US (61/360,967) 2010-07-02

[21] **2,804,214**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C07H 21/02 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE SPECIFIC INHIBITION OF BETA-CATENIN BY DOUBLE-STRANDED RNA**
[54] **PROCEDES ET COMPOSITIONS POUR L'INHIBITION SPECIFIQUE DE BETA-CATENINE PAR ARN DOUBLE BRIN**
[72] BROWN, BOB DALE, US
[72] DUDEK, HENRYK T., US
[71] DICERNA PHARMACEUTICALS, INC., US
[85] 2012-12-31
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[30] US (61/361,776) 2010-07-06

[21] **2,804,215**
[13] A1

[51] **Int.Cl. A61K 31/46 (2006.01) A61K 31/4439 (2006.01) A61K 31/4725 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61K 9/48 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF DISORDERS AMELIORATED BY MUSCARINIC RECEPTOR ACTIVATION**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE TROUBLES, CEUX-CI ETANT AMELIORES PAR L'ACTIVATION DU RECEPTEUR MUSCARINIQUE**
[72] ELENKO, ERIC, US
[72] MILLER, ANDREW C., US
[72] MURRAY, PHILIP E., III, US
[71] PURETECH VENTURES, US
[85] 2012-12-28
[86] 2010-07-21 (PCT/US2010/002044)
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[30] US (61/213,853) 2009-07-22
[30] US (61/282,658) 2010-03-15

[21] **2,804,216**
[13] A1

[51] **Int.Cl. G01V 8/20 (2006.01)**
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[54] **MEDICAL TREATMENT SYSTEM AND METHODS USING A PLURALITY OF FLUID LINES**
[54] **SYSTEME DE TRAITEMENT MEDICAL ET PROCEDES UTILISANT UNE PLURALITE DE CONDUITES DE FLUIDES**
[72] SCARPACI, JACOB W., US
[72] HELMORE, SIMON C., US
[72] VANWYK, ERIC J., US
[72] FINCH, MATTHEW J., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2012-12-31
[86] 2011-07-07 (PCT/US2011/043196)
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[30] US (61/362,259) 2010-07-07

[21] **2,804,217**
[13] A1

[51] **Int.Cl. B64D 13/00 (2006.01)**
[25] EN
[54] **SEARCHING FOR AIRLINE TRAVEL BASED UPON SEAT CHARACTERISTICS**
[54] **RECHERCHE DE VOYAGE EN AVION SUR LA BASE DE CARACTERISTIQUES DE SIEGE**
[72] REIZ, TIM B., US
[71] FARELOGIX, INC., US
[85] 2012-11-14
[86] 2011-05-16 (PCT/US2011/036678)
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[30] US (61/345,010) 2010-05-14

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[21] **2,804,218**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 60/00 (2006.01) C40B 70/00 (2006.01)**

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[54] **DETECTION OF TARGET METABOLITES**

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[72] FRASCH, WAYNE, US

[71] ARIZONA BOARD OF REGENTS, A BODY CORPORATE OF THE STATE OF ARIZONA, ACTING FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, US

[85] 2012-12-31

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[87] (WO2012/006407)

[30] US (61/362,193) 2010-07-07

[21] **2,804,219**
[13] A1

[51] **Int.Cl. H01M 4/58 (2010.01) C01B 33/20 (2006.01) H01M 4/36 (2006.01)**

[25] EN

[54] **POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE, AND NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY**

[54] **MATIERE ACTIVE D'ELECTRODE POSITIVE, ELECTRODE POSITIVE ET BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX**

[72] NISHIJIMA, MOTOAKI, JP

[72] OHIRA, KOJI, JP

[72] SUEKI, TOSHITSUGU, JP

[72] ESAKI, SHOUGO, JP

[71] SHARP KABUSHIKI KAISHA, JP

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[87] (WO2012/008265)

[30] JP (2010-157673) 2010-07-12

[21] **2,804,220**
[13] A1

[51] **Int.Cl. A61B 18/02 (2006.01)**

[25] EN

[54] **DUAL INJECTION TUBE CRYOCATHETER AND METHOD FOR USING SAME**

[54] **CRYOCATHETER A DEUX TUBES D'INJECTION ET SON PROCEDE D'UTILISATION**

[72] WITTENBERGER, DAN, CA

[72] LUECKGE, CLAUDIA, CA

[72] LANE, MIRIAM, US

[71] MEDTRONIC CRYOCATH LP, CA

[85] 2012-12-31

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[30] US (12/844,388) 2010-07-27

[21] **2,804,221**
[13] A1

[51] **Int.Cl. C09K 5/16 (2006.01) A47J 36/28 (2006.01) F24J 1/00 (2006.01)**

[25] EN

[54] **PACKAGE HEATING DEVICE AND CHEMICAL COMPOSITIONS FOR USE THEREWITH**

[54] **DISPOSITIF DE CHAUFFAGE GLOBAL ET COMPOSITIONS CHIMIQUES DESTINEES A ETRE UTILISEES AVEC CELUI-CI**

[72] COFFEY, BRENDAN, US

[72] BOOKOUT, TRAVIS, US

[72] KWIATKOWSKI, KRZYSZTOF CZESLAW, US

[71] HEATGENIE, INC., US

[85] 2013-01-02

[86] 2011-07-06 (PCT/US2011/043101)

[87] (WO2012/006374)

[30] US (61/361,909) 2010-07-06

[21] **2,804,222**
[13] A1

[51] **Int.Cl. H01L 31/072 (2012.01) H01L 31/0735 (2012.01) H01L 31/075 (2012.01)**

[25] EN

[54] **HETEROJUNCTION SOLAR CELL**

[54] **CELLULE SOLAIRE A HETEROJONCTION**

[72] BOISVERT, JOSEPH CHARLES, US

[72] LAW, DANIEL C., US

[72] KING, RICHARD R., US

[72] FETZER, CHRISTOPHER M., US

[71] THE BOEING COMPANY, US

[85] 2013-01-02

[86] 2011-07-07 (PCT/US2011/043124)

[87] (WO2012/021227)

[30] US (12/852,574) 2010-08-09

[21] **2,804,223**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01)**

[25] EN

[54] **VERTEBRAL FACET JOINT DRILL AND METHOD OF USE**

[54] **FRAISE POUR FACETTE VERTEBRALE ET SON PROCEDE D'UTILISATION**

[72] BLAIN, JASON, US

[72] KOVACH, ERIC, US

[71] SPINAL ELEMENTS, INC., US

[85] 2012-12-31

[86] 2011-08-11 (PCT/US2011/047432)

[87] (WO2012/024162)

[30] US (12/859,009) 2010-08-18

[21] **2,804,225**
[13] A1

[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/341 (2006.01) A61K 31/415 (2006.01) A61K 31/4178 (2006.01) A61K 31/426 (2006.01) A61K 31/427 (2006.01) A61K 31/437 (2006.01) A61K 31/498 (2006.01) A61K 31/5383 (2006.01) A61K 31/55 (2006.01) A61P 3/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 231/40 (2006.01) C07D 277/20 (2006.01) C07D 277/42 (2006.01) C07D 307/68 (2006.01) C07D 403/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/052 (2006.01) C07D 498/04 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUND, AND P27 KIP1 DEGRADATION INHIBITOR**

[54] **COMPOSE HETEROCYCLIQUE, ET INHIBITEUR DE DEGRADATION DE P27KIP1**

[72] UCHIDA HIROSHI, JP

[72] ASAGARASU AKIRA, JP

[72] MATSUI TERUAKI, JP

[71] ASKA PHARMACEUTICAL CO., LTD., JP

[85] 2012-12-31

[86] 2011-07-01 (PCT/JP2011/065148)

[87] (WO2012/002527)

[30] JP (2010-152533) 2010-07-02

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[21] **2,804,228**
[13] A1

[51] **Int.Cl. C08K 5/5399 (2006.01)**
[25] EN
[54] **PHOSPHINIC ACID HYDRAZIDE
FLAME RETARDANT
COMPOSITIONS**
[54] **COMPOSITIONS IGNIFUGES
D'HYDRAZIDE D'ACIDE
PHOSPHINIQUE**
[72] XALTER, RAINER, CH
[72] KNIESSEL, SIMON, DE
[71] BASF SE, DE
[85] 2013-01-02
[86] 2011-07-26 (PCT/EP2011/062791)
[87] (WO2012/013652)
[30] EP (10171043.2) 2010-07-28
[30] US (61/368272) 2010-07-28

[21] **2,804,230**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06K
9/00 (2006.01) G06K 9/72 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED
METHOD, A COMPUTER
PROGRAM PRODUCT AND A
COMPUTER SYSTEM FOR
IMAGE PROCESSING**
[54] **PROCEDE MIS EN OEUVRE PAR
ORDINATEUR, PRODUIT
PROGRAMME INFORMATIQUE
ET SYSTEME INFORMATIQUE
POUR TRAITER UNE IMAGE**
[72] CAPUOZZO, GIUSEPPE, IT
[72] BORGHINI, MARCO, IT
[72] MAMMOLITI, FABIO, IT
[71] ACCENTURE GLOBAL SERVICES
LIMITED, IE
[85] 2012-12-31
[86] 2011-06-30 (PCT/EP2011/003235)
[87] (WO2012/000675)
[30] EP (10425225.9) 2010-07-02

[21] **2,804,232**
[13] A1

[51] **Int.Cl. B03B 5/64 (2006.01) B01D
21/02 (2006.01) B03B 9/02 (2006.01)
B03D 1/10 (2006.01) B03D 3/06
(2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR
REMOVING HYDROCARBONS
AND OTHER ADHERENTS FROM
SAND**
[54] **APPAREIL ET PROCEDES POUR
L'ELIMINATION
D'HYDROCARBURES ET
D'AUTRES MATIERES
ADHERENTES A PARTIR DE
SABLE**
[72] NEWMAN, PAUL, CA
[72] MARKABI, MAZEN, CA
[71] M-I DRILLING FLUIDS CANADA,
INC., CA
[85] 2013-01-02
[86] 2011-07-08 (PCT/CA2011/000793)
[87] (WO2012/003582)
[30] US (61/363,021) 2010-07-09

[21] **2,804,233**
[13] A1

[51] **Int.Cl. B01D 53/22 (2006.01) C10L
3/10 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATION OF
GASES**
[54] **PROCEDE DE SEPARATION DE
GAZ**
[72] UNGERANK, MARKUS, AT
[72] BAUMGARTEN, GOETZ, DE
[72] PRISKE, MARKUS, DE
[72] ROEGL, HARALD, AT
[71] EVONIK FIBRES GMBH, AT
[85] 2012-12-31
[86] 2011-05-26 (PCT/EP2011/058636)
[87] (WO2012/000727)
[30] EP (10168121.1) 2010-07-01

[21] **2,804,234**
[13] A1

[51] **Int.Cl. B29C 45/56 (2006.01) B29C
45/76 (2006.01) G01F 1/66 (2006.01)
G01N 29/14 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR
MONITORING AND OPTIMIZING
INJECTION MOLDING
PROCESSES**
[54] **PROCEDE ET DISPOSITIF DE
SURVEILLANCE ET
D'OPTIMISATION DE PROCEDES
DE MOULAGE PAR INJECTION**
[72] SEUTHE, ULRICH, DE
[71] SEUTHE, ULRICH, DE
[85] 2013-01-02
[86] 2011-06-07 (PCT/EP2011/002786)
[87] (WO2011/154123)
[30] DE (20 2010 007 655.2) 2010-06-07

[21] **2,804,235**
[13] A1

[51] **Int.Cl. A45C 5/14 (2006.01) B60B
33/00 (2006.01) B60B 33/04 (2006.01)**
[25] EN
[54] **CASTOR FOR SUITCASES,
PIECES OF LUGGAGE,
TRANSPORT CONTAINERS AND
THE LIKE**
[54] **ROULETTE-GUIDE POUR
VALISES, PIECES DE BAGAGES,
CONTENEURS DE TRANSPORT
OU ANALOGUES**
[72] WAITZ, KARL-HEINZ, DE
[71] SUDHAUS GMBH & CO. KG, DE
[85] 2013-01-02
[86] 2011-06-15 (PCT/EP2011/002958)
[87] (WO2012/003923)
[30] DE (20 2010 010 103.4) 2010-07-09

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[51] Int.Cl. C07C 231/02 (2006.01) C07C 235/06 (2006.01) C22B 3/26 (2006.01) C22B 7/00 (2006.01) C22B 59/00 (2006.01)	[51] Int.Cl. C07C 231/02 (2006.01) C07C 235/06 (2006.01) C22B 3/26 (2006.01) C22B 7/00 (2006.01) C22B 59/00 (2006.01)	[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] METHOD FOR SYNTHESIZING RARE EARTH METAL EXTRACTANT	[54] METHOD FOR SYNTHESIZING RARE EARTH METAL EXTRACTANT	[54] CANCER THERAPY USING CLDN6 TARGET-DIRECTED ANTIBODIES IN VIVO
[54] PROCEDE DE SYNTHESE D'UN AGENT D'EXTRACTION DE METAUX DE TERRES RARES	[54] PROCEDE DE SYNTHESE D'UN AGENT D'EXTRACTION DE METAUX DE TERRES RARES	[54] THERAPIE ANTI CANCEREUSE IN VIVO A L'AIDE D'ANTICORPS DIRIGES CONTRE UNE CIBLE CLDN6
[72] SAKAKI, KAZUAKI, JP	[72] SAKAKI, KAZUAKI, JP	[72] SAHIN, UGUR, DE
[72] SUGAHARA, HIROTO, JP	[72] SUGAHARA, HIROTO, JP	[72] TUERECI, OEZLEM, DE
[72] KUME, TETSUYA, JP	[72] KUME, TETSUYA, JP	[72] KOSLOWSKI, MICHAEL, DE
[72] OHASHI, MASAKI, JP	[72] OHASHI, MASAKI, JP	[72] WALTER, KORDEN, DE
[72] NAGANAWA, HIROCHIKA, JP	[72] NAGANAWA, HIROCHIKA, JP	[72] KREUZBERG, MARIA, DE
[72] SHIMOJO, KOJIRO, JP	[72] SHIMOJO, KOJIRO, JP	[72] LUXEN, SYLVIA, DE
[71] SHIN-ETSU CHEMICAL CO., LTD., JP	[71] SHIN-ETSU CHEMICAL CO., LTD., JP	[71] GANYMED PHARMACEUTICALS AG, DE
[71] JAPAN ATOMIC ENERGY AGENCY, JP	[71] JAPAN ATOMIC ENERGY AGENCY, JP	[71] JOHANNES GUTENBERG-UNIVERSITAET MAINZ, DE
[85] 2012-12-31	[85] 2012-12-31	[85] 2013-01-02
[86] 2011-07-01 (PCT/JP2011/065172)	[86] 2011-07-01 (PCT/JP2011/065174)	[86] 2011-07-04 (PCT/EP2011/003312)
[87] (WO2012/005182)	[87] (WO2012/005183)	[87] (WO2012/003956)
[30] JP (2010-153180) 2010-07-05	[30] JP (2010-153188) 2010-07-05	[30] US (61/361,632) 2010-07-06
		[30] EP (10006957.4) 2010-07-06
[21] 2,804,238 [13] A1	[21] 2,804,240 [13] A1	[21] 2,804,243 [13] A1
[51] Int.Cl. E06B 9/262 (2006.01) E06B 9/78 (2006.01)	[51] Int.Cl. A01N 25/30 (2006.01) A01N 43/40 (2006.01) A01N 47/18 (2006.01) A01N 51/00 (2006.01)	[51] Int.Cl. F24J 1/00 (2006.01) B01J 21/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] PULL CORD ON HEADRAIL FOR OPERATING A MOTORIZED BLIND	[54] WATER-BASED PESTICIDAL SUSPENSION	[54] EXPANDABLE EXOTHERMIC GEL-FORMING COMPOSITION
[54] CORDON DE TIRAGE SE TROUVANT SUR UN CAISSON ET DESTINE A MANŪVRER UN STORE MOTORISE	[54] SUSPENSION PESTICIDE A BASE AQUEUSE	[54] COMPOSITION FORMANT UN GEL EXOTHERMIQUE EXPANSIBLE
[72] TICOALU, JOHANN ROUBEN REINIER, NL	[72] AWAZU, TAKAO, JP	[72] YOUNG, DANIEL, US
[72] BOHLEN, JORG, DE	[72] SANO, MITSUO, JP	[71] FOREVER YOUNG INTERNATIONAL, INC., US
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL	[72] NAKAGAWA, AKIRA, JP	
[85] 2013-01-02	[71] ISHIHARA SANGYO KAISHA LTD., JP	[85] 2013-01-02
[86] 2011-06-24 (PCT/EP2011/003117)	[85] 2013-01-02	[86] 2010-07-26 (PCT/US2010/043226)
[87] (WO2012/000629)	[86] 2011-07-05 (PCT/JP2011/065747)	[87] (WO2011/017047)
[30] EP (10006818.8) 2010-07-01	[87] (WO2012/005371)	[30] US (61/228,594) 2009-07-26
	[30] JP (2010-157295) 2010-07-09	[30] US (61/315,807) 2010-03-19

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[21] **2,804,245**
[13] A1

[51] **Int.Cl. C02F 1/68 (2006.01) C01B 3/08 (2006.01)**

[25] EN

[54] **DEVICE FOR SELECTIVELY HYDROGENATING BIOCOMPATIBLE SOLUTION**

[54] **DISPOSITIF POUR L'HYDROGENATION SELECTIVE D'UNE SOLUTION BIOCOMPATIBLE**

[72] SATOH, FUMITAKE, JP

[72] SEO, TOMOKI, JP

[72] KUROKAWA, RYOSUKE, JP

[72] SATOH, BUNPEI, JP

[72] NAITO, TATSUYA, JP

[72] YANAGIHARA, TOMOYUKI, JP

[72] SATOH, YOHEI, JP

[72] SATOH, YOKO, JP

[71] MIZ CO., LTD., JP

[85] 2012-12-31

[86] 2011-07-12 (PCT/JP2011/065879)

[87] (WO2012/008445)

[30] JP (2010-159979) 2010-07-14

[21] **2,804,246**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**

[25] EN

[54] **METHOD TO IDENTIFY A PATIENT WITH AN INCREASED LIKELIHOOD OF RESPONDING TO AN ANTI-CANCER THERAPY**

[54] **METHODE D'IDENTIFICATION D'UN PATIENT PRESENTANT UNE PROBABILITE ACCRUE DE REPENDRE A UN TRAITEMENT ANTICANCEREUX**

[72] ANDRES, HERBERT, DE

[72] DE HAAS, SANNE LYSBET, CH

[72] KARL, JOHANN, DE

[72] SCHERER, STEFAN, US

[72] WILD, NORBERT, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2013-01-02

[86] 2011-07-18 (PCT/EP2011/062229)

[87] (WO2012/010549)

[30] EP (10170008.6) 2010-07-19

[30] EP (10170004.5) 2010-07-19

[30] EP (11170581.0) 2011-06-20

[21] **2,804,248**
[13] A1

[51] **Int.Cl. E02B 15/04 (2006.01) B63C 7/16 (2006.01) E21B 43/01 (2006.01)**

[25] EN

[54] **UNDERWATER OIL AND GAS COLLECTION SYSTEM**

[54] **SYSTEME DE COLLECTE DE PETROLE ET DE GAZ SOUS L'EAU**

[72] KIRKBY, ALAN DENNIS, GB

[71] KIRKBY, ALAN DENNIS, GB

[85] 2013-01-02

[86] 2011-07-07 (PCT/GB2011/051273)

[87] (WO2012/004601)

[30] GB (1011445.2) 2010-07-07

[21] **2,804,249**
[13] A1

[51] **Int.Cl. C12N 9/22 (2006.01)**

[25] EN

[54] **MEGANUCLEASES VARIANTS CLEAVING A DNA TARGET SEQUENCE IN THE NANOG GENE AND USES THEREOF**

[54] **VARIANTS DE MEGANUCLEASES COUPANT UNE SEQUENCE CIBLE D'ADN DANS LE GENE NANOG ET LEURS UTILISATIONS**

[72] SOURDIVE, DAVID, FR

[71] COLLECTIS, FR

[85] 2013-01-02

[86] 2011-07-07 (PCT/IB2011/001934)

[87] (WO2012/004671)

[30] US (61/362,234) 2010-07-07

[21] **2,804,250**
[13] A1

[51] **Int.Cl. H01R 13/58 (2006.01)**

[25] EN

[54] **BREAK-AWAY CABLE CONNECTOR**

[54] **CONNECTEUR DE CABLE A DESACCOUPEMENT**

[72] PETRIE, GREGORY A., US

[72] BISHOP, STEVEN P., US

[72] TONG, DAVY TA-YUAN, US

[72] PATEL, ATUL KUMAR M., US

[72] NAZARENO, ROBERT A., US

[71] AEROVIRONMENT INC., US

[85] 2013-01-02

[86] 2011-03-08 (PCT/US2011/000433)

[87] (WO2011/112247)

[30] US (61/339,749) 2010-03-08

[30] US (61/397,984) 2010-06-18

[30] US (61/460,413) 2010-12-29

[21] **2,804,251**
[13] A1

[51] **Int.Cl. A61L 15/22 (2006.01) A61L 17/14 (2006.01) A61L 27/24 (2006.01) A61L 27/28 (2006.01) A61L 27/34 (2006.01) A61L 27/54 (2006.01) A61L 31/04 (2006.01) A61L 31/08 (2006.01) A61L 31/16 (2006.01) A61L 33/00 (2006.01)**

[25] EN

[54] **MEDICAL DEVICE WITH PREDEFINED ACTIVATED CELLULAR INTEGRATION**

[54] **DISPOSITIF MEDICAL COMPORTANT UNE INTEGRATION CELLULAIRE ACTIVEE PREDEFINIE**

[72] LADET, SEBASTIEN, FR

[72] GRAVAGNA, PHILIPPE, FR

[71] SOFRADIM PRODUCTION, FR

[85] 2013-01-02

[86] 2011-06-30 (PCT/IB2011/002260)

[87] (WO2012/001532)

[30] US (61/360.691) 2010-07-01

[21] **2,804,252**
[13] A1

[51] **Int.Cl. A61F 2/76 (2006.01)**

[25] EN

[54] **DEVICE AND METHODS FOR TUNING A SKELETAL MUSCLE**

[54] **DISPOSITIF ET METHODES DE REGLAGE D'UN MUSCLE SQUELETTIQUE**

[72] ELBAZ, AVI, IL

[72] MOR, AMIT, IL

[71] APOS - MEDICAL AND SPORTS TECHNOLOGIES LTD., IL

[85] 2013-01-02

[86] 2011-06-27 (PCT/IL2011/000512)

[87] (WO2012/001685)

[30] US (61/360,940) 2010-07-02

[21] **2,804,254**
[13] A1

[51] **Int.Cl. A61M 29/00 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR VASCULAR RECANALIZATION**

[54] **DISPOSITIFS ET METHODES POUR RECANALISATION VASCULAIRE**

[72] ABOYTES, MARIA, US

[71] MEDINA MEDICAL, INC., US

[85] 2013-01-02

[86] 2011-02-23 (PCT/US2011/025926)

[87] (WO2011/106426)

[30] US (61/306,951) 2010-02-23

[30] US (61/381,770) 2010-09-18

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[21] **2,804,255**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01)**
[25] EN
[54] **CIRCULAR BONE TUNNELING DEVICE**
[54] **DISPOSITIF DE TUNELLISATION D'OS CIRCULAIRE**
[72] SHOLEV, MORDEHAI, IL
[72] LAVI, GILAD, IL
[71] MININVASIVE LTD., IL
[85] 2013-01-02
[86] 2011-07-11 (PCT/IL2011/000549)
[87] (WO2012/007941)
[30] US (61/363,247) 2010-07-11

[21] **2,804,256**
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **BACTERIAL SURFACE DISPLAY AND SCREENING OF THIOETHER-BRIDGE-CONTAINING PEPTIDES**
[54] **PRESENTATION A LA SURFACE BACTERIENNE ET CRIBLAGE DE PEPTIDES CONTENANT DES PONTS THIOETHERS**
[72] BOSMA, TJIBBE, NL
[71] LANTHIOPEP B.V., NL
[85] 2013-01-02
[86] 2011-07-06 (PCT/NL2011/050484)
[87] (WO2012/005578)
[30] EP (10168589.9) 2010-07-06

[21] **2,804,257**
[13] A1

[51] **Int.Cl. C02F 3/12 (2006.01) C02F 3/28 (2006.01)**
[25] EN
[54] **PURIFIER COMPRISING A SOLIDS SEPARATION DEVICE, AND METHOD FOR WASTEWATER PURIFICATION**
[54] **PURIFICATEUR COMPRENANT UN DISPOSITIF DE SEPARATION DE SOLIDES, ET PROCEDE POUR PURIFICATION D'EAUX USEES**
[72] PRINS, RIENK, NL
[71] PAQUES I.P. B.V., NL
[85] 2013-01-02
[86] 2011-07-08 (PCT/NL2011/050500)
[87] (WO2012/005592)
[30] EP (10168907.3) 2010-07-08

[21] **2,804,258**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ALTERNATING MALWARE CLASSIFIERS IN AN ATTEMPT TO FRUSTRATE BRUTE-FORCE MALWARE TESTING**
[54] **SYSTEMES ET PROCEDES POUR FAIRE ALTERNER DES CLASSIFIEURS DE LOGICIEL MALVEILLANT DANS UNE TENTATIVE DE S'AFFRANCHIR D'UN TEST EXHAUSTIF DE LOGICIEL MALVEILLANT**
[72] SATISH, SOURABH, US
[71] SYMANTEC CORPORATION, US
[85] 2013-01-02
[86] 2011-05-14 (PCT/US2011/036560)
[87] (WO2012/003049)
[30] US (12/830,084) 2010-07-02

[21] **2,804,259**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/36 (2006.01) H02G 15/013 (2006.01)**
[25] EN
[54] **OPTICAL CABLE CONNECTION CASING ADAPTED FOR OPERATION OF GUIDING AND CONNECTING OPTICAL CABLE TO BRANCHING HALFWAY**
[54] **BOITIER DE CONNEXION DE CABLE OPTIQUE CONCU POUR L'OPERATION DE GUIDAGE ET DE CONNEXION DU CABLE OPTIQUE A UN BRANCHEMENT A MI-CHEMIN**
[72] HSING, CHIH-KUANG, CN
[71] CHI, YU-FEN, CN
[85] 2013-01-02
[86] 2010-07-02 (PCT/CN2010/074947)
[87] (WO2012/000206)

[21] **2,804,260**
[13] A1

[51] **Int.Cl. B62D 57/02 (2006.01) B64F 5/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC CRAWLER ASSEMBLY SYSTEM**
[54] **SYSTEME D'ASSEMBLAGE ELECTROMAGNETIQUE DE CHENILLE**
[72] SARH, BRANKO, US
[72] AMIREHTESHAMI, DAVID HASSAN, US
[71] THE BOEING COMPANY, US
[85] 2013-01-02
[86] 2011-06-10 (PCT/US2011/040033)
[87] (WO2012/012034)
[30] US (12/838,616) 2010-07-19

[21] **2,804,262**
[13] A1

[51] **Int.Cl. C07C 269/08 (2006.01) C07C 271/24 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF OPTICALLY ACTIVE DIAMINE DERIVATIVE SALT**
[54] **PROCEDE POUR LA PREPARATION DE SEL DERIVE DE DIAMINE OPTIQUEMENT ACTIF**
[72] KAWANAMI, KOUTAROU, JP
[72] ISHIKAWA, HIDEAKI, JP
[72] SHOJI, MASAHIRO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2013-01-02
[86] 2011-07-01 (PCT/JP2011/065192)
[87] (WO2012/002538)
[30] JP (2010-151922) 2010-07-02

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[21] **2,804,263**
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[51] **Int.Cl. B01F 5/06 (2006.01) B01J 19/12 (2006.01) C08J 3/24 (2006.01) C08J 3/28 (2006.01)**

[25] EN

[54] **MICROWAVE-POWERED REACTOR AND METHOD FOR IN SITU FORMING IMPLANTS**

[54] **REACTEUR ALIMENTE PAR MICRO-ONDES ET METHODE DE FORMATION IN SITU D'IMPLANTS**

[72] BELCHEVA, NADYA, US

[71] TYCO HEALTHCARE GROUP LP, US

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[25] EN

[54] **SYSTEM AND METHOD FOR RECEIVING AND SYNCHRONIZING CONTENT ON A COMMUNICATION DEVICE**

[54] **SYSTEME ET PROCEDE POUR RECEVOIR ET SYNCHRONISER DU CONTENU SUR UN DISPOSITIF DE TELECOMMUNICATION**

[72] IBASCO, ALEX D., PH

[72] JOSON, EDUARDO RAMON G., PH

[72] BALACE, VALENICE G., PH

[72] AGUAS, AAMES CRISPIN S., PH

[72] LOSANTAS, JOSE LORENZO, PH

[72] YU, WILLIAM EMMANUEL S., PH

[71] SMART HUB PTE. LTD., SG

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[54] **METHODS AND COMPOSITIONS FOR TREATING THYROID-RELATED MEDICAL CONDITIONS WITH REDUCED FOLATES**

[54] **METHODES ET COMPOSITIONS PERMETTANT DE TRAITER LES AFFECTIONS MEDICALES LIEES A LA THYROIDE AU MOYEN DE FOLATES REDUITS**

[72] SCOTT, LINZY O., III, US

[71] SCOTT, LINZY O., III, US

[85] 2013-01-02

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[54] **METHOD AND APPARATUS FOR PYROLYSIS OF A BIOMASS**

[54] **PROCEDE ET INSTALLATION DE PYROLYSE POUR BIOMASSE**

[72] BARTEK, ROBERT, US

[72] CORDLE, RONALD LEE, US

[71] KIOR INC., US

[85] 2013-01-02

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[54] **INSTANT SELF-HEATING CONTAINERS**

[54] **CONTENANTS A AUTO-ECHAUFFEMENT INSTANTANE**

[72] YOUNG, DANIEL, US

[71] FOREVER YOUNG INTERNATIONAL, INC., US

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[54] **METHOD AND SYSTEM FOR MASS PRODUCTION OF CUSTOMIZED ENGRAVED PRODUCTS**

[54] **PROCEDE ET SYSTEME DE PRODUCTION EN GRANDE SERIE DE PRODUITS GRAVES PERSONNALISES**

[72] MARCOS, JOHN C., US

[72] KIY, MICHAEL, CH

[72] GERBER, MARCEL, CH

[72] SANDERS, EDWIN, NL

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[71] VISTAPRINT TECHNOLOGIES LIMITED, BM

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[54] **DIAGNOSIS AND TREATMENT OF BREAST CANCER**

[54] **DIAGNOSTIC ET TRAITEMENT DU CANCER DU SEIN**

[72] HAYES, DANIEL, US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

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[30] US (61/362,021) 2010-07-07

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[54] **TRUCK BED EXTENSION**

[54] **EXTENSION DE PLATEAU DE CAMION**

[72] LEPAGE, DEAN, CA

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[54] **PROPHYLACTIC OR THERAPEUTIC AGENT FOR DIABETES**

[54] **AGENT DE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE DU DIABETE**

[72] KUNISADA, RIE, JP

[72] MATSUMOTO, HIROKAZU, JP

[72] UCHIYAMA, HIDEFUMI, JP

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2013-01-02

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[54] **SKIN CARE EMULSION COMPOSITION**

[54] **COMPOSITION DE SOINS DE LA PEAU EN EMULSION**

[72] MAITRA, PRITHWIRAJ, US

[72] PRILUTSKY, ANNA, US

[72] SUN, YING, US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

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[54] **CARBON DIOXIDE CAPTURE AND LIQUEFACTION**

[54] **CAPTURE ET LIQUEFACTION DU DIOXYDE DE CARBONE**

[72] KELLER, ARNOLD, US

[71] KELLER, ARNOLD, US

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[54] **FACTOR IX POLYPEPTIDES AND METHODS OF USE THEREOF**

[54] **POLYPEPTIDES DU FACTEUR IX ET LEURS METHODES D'UTILISATION**

[72] PIERCE, GLENN, US

[72] TRUEX, SAMANTHA, US

[72] PETERS, ROBERT T., US

[72] JIANG, HAIYAN, US

[71] BIOGEN IDEC HEMOPHILIA INC., US

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[54] **METHOD OF PRODUCING RECOMBINANT ADAMTS13 IN CELL CULTURE**

[54] **PROCEDE DE PRODUCTION D'ADAMTS13 RECOMBINANT EN CULTURE CELLULAIRE**

[72] GRILLBERGER, LEOPOLD, AT

[72] REITER, MANFRED, AT

[72] FLEISCHANDERL, DANIEL, AT

[72] BRAMBERGER, GREGOR, AT

[71] BAXTER INTERNATIONAL INC., US

[71] BAXTER HEALTHCARE S.A., CH

[85] 2013-01-02

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[54] **PROCESS FOR PREPARATION OF A ZEOLITE-BASED CATALYST**

[54] **PROCEDE DE PREPARATION DE CATALYSEUR A BASE DE ZEOLITE**

[72] DEPREZ, ROBERT J., US

[72] FRONHEISHER, DENNIS ROLAND, US

[71] AIRFLOW CATALYST SYSTEMS, INC., US

[85] 2013-01-02

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[54] **INNOVATIVE DISCOVERY OF THERAPEUTIC, DIAGNOSTIC, AND ANTIBODY COMPOSITIONS RELATED TO PROTEIN FRAGMENTS OF ASPARTYL-TRNA SYNTHETASES**

[54] **DECOUVERTE INNOVANTE DE COMPOSITIONS THERAPEUTIQUES, DIAGNOSTIQUES ET D'ANTICORPS RELATIVES A DES FRAGMENTS PROTEIQUES D'ASPARTYL-ARNT SYNTHETASES**

[72] GREENE, LESLIE ANN, US

[72] CHIANG, KYLE P., US

[72] HONG, FEI, US

[72] VASSEROT, ALAIN P., US

[72] LO, WING-SZE, CN

[72] WATKINS, JEFFRY D., US

[72] QUINN, CHERYL L., US

[72] MENDLEIN, JOHN D., US

[71] ATYR PHARMA, INC., US

[71] PANGU BIOPHARMA LIMITED, CN

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[51] **Int.Cl. B65D 5/54 (2006.01) B26D 3/06 (2006.01) B44C 1/22 (2006.01) B65D 5/42 (2006.01)**

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[54] **METHODS, SYSTEMS AND PACKAGING FOR ENGRAVING PRODUCTS**

[54] **PROCEDES, SYSTEMES ET EMBALLAGE POUR PRODUITS DE GRAVURE**

[72] MARCOS, JOHN C., US
[72] GERBER, MARCEL, CH
[72] SANDERS, EDWIN, NL
[72] HODAK, MARK, CA
[71] VISTAPRINT TECHNOLOGIES LIMITED, BM
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[54] **CHIMERIC CLOTTING FACTORS**

[54] **FACTEURS DE COAGULATION CHIMERIQUES**

[72] SALAS, JOE, US
[72] PETERS, ROBERT, US
[72] BITONTI, ALAN, US
[71] BIOGEN IDEC HEMOPHILIA INC., US
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[54] **POCKETED CONCRETE ANCHOR**

[54] **ANCRAGE A POCHE POUR BETON**

[72] STANFORD, FRANTZ D., US
[71] ACTUANT CORPORATION, US
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[54] **MULTIPLE NOZZLE BODY**

[54] **CORPS A BUSES MULTIPLES DOTE D'UNE SOUPEPE A PLUSIEURS VOIES**

[72] LANGKAMP, LAURENZ, DE
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[54] **METHOD OF REMOVING METAL CARBONYLS FROM GASEOUS STREAMS AND METAL CARBONYL SORBENT**

[54] **PROCEDE D'ELIMINATION DE CARBONYLES METALLIQUES DE COURANTS GAZEUX ET SORBANT POUR CARBONYLES METALLIQUES**

[72] BEATO, PABLO, DK
[72] NIELSEN, POUL ERIK HOJLUND, DK
[71] HALDOR TOPSOE A/S, DK
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[54] **BIPYRIDYL DERIVATIVES USEFUL FOR THE TREATMENT OF KINASE - INDUCED DISEASES**

[54] **DERIVES DE BIPYRIDYL UTILES POUR LE TRAITEMENT DE MALADIES INDUITES PAR DES KINASES**

[72] HOELZEMANN, GUENTER, DE
[72] DORSCH, DIETER, DE
[72] JONCZYK, ALFRED, DE
[72] ZENKE, FRANK, DE
[72] AMENDT, CHRISTIANE, DE
[71] MERCK PATENT GMBH, DE
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[54] **HIGH-PRESSURE CONNECTION**

[54] **LIAISON HAUTE PRESSION**

[72] WEH, ERWIN, DE
[72] WEH, WOLFGANG, DE
[71] WEH, ERWIN, DE
[71] WEH, WOLFGANG, DE
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[72] LINDEROTH, SOREN, DK
[71] TECHNICAL UNIVERSITY OF DENMARK, DK
[85] 2013-01-03
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[72] NIKOLIC, STANKO, AU
[72] BAKKER, MARTIN LLUIS, AU
[72] FLORES, GERARDO RAUL FERNANDO ALVEAR, AU
[71] XSTRATA TECHNOLOGY PTY LTD, AU
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[54] **HOT APPLIED TACK COAT COUCHE D'ACCROCHAGE APPLIQUEE A CHAUD**
[72] BLACKLIDGE, ROY B., US
[71] BLACKLIDGE EMULSIONS, INC., US
[85] 2012-08-24
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[30] US (61/307,749) 2010-02-24

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[51] **Int.Cl. C12P 17/04 (2006.01) C07D 307/78 (2006.01) C12N 9/16 (2006.01) C12N 9/20 (2006.01)**

[25] EN
[54] **PREPARATION OF (3AS,7AR)-HEXAHYDROISOBENZOFURAN-1(3H)-ONE BY CATALYZED BIOLOGICAL RESOLUTION OF DIMETHYL CYCLOHEXANE-1,2-DICARBOXYLATE**
[54] **PREPARATION DE (3AS, 7AR)-HEXAHYDROISOBENZOFURAN-1- (3H) -ONE PAR RESOLUTION BIOLOGIQUE CATALYSEE DU DIMETHYLCYCLOHEXANE-1,2-DICARBOXYLATE**
[72] LLOYD, MICHAEL CHARLES, GB
[71] ABBOTT PRODUCTS OPERATIONS AG, CH
[85] 2012-11-23
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[87] (WO2011/149938)
[30] US (61/347,487) 2010-05-24

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[51] **Int.Cl. B21J 15/02 (2006.01) B21J 5/06 (2006.01) B21J 15/08 (2006.01)**

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[54] **METHOD AND DEVICE FOR SETTING CONNECTING ELEMENTS THAT ARE SELF-DRILLING WITHOUT CHIP FORMATION**
[54] **PROCEDE ET DISPOSITIF POUR METTRE EN PLACE DES ELEMENTS DE LIAISON AUTO-TARAUDANTS SANS ENLEVEMENT DE MATIERE**
[72] AHLBORN, STEFAN, DE
[72] BONGARTZ, ROBERT, DE
[72] ESPER, STEPHAN, DE
[71] RUIA GLOBAL FASTENERS AG, DE
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[72] NASH, ALAN C., US
[71] R & B WAGNER, INC., US
[85] 2012-11-29
[86] 2011-06-09 (PCT/US2011/039836)
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[51] **Int.Cl. G06Q 50/00 (2012.01) G06N 5/04 (2006.01) G06Q 30/00 (2012.01)**

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[54] **METHOD OF DELIVERING DECISION SUPPORT SYSTEMS (DSS) AND ELECTRONIC HEALTH RECORDS (EHR) FOR REPRODUCTIVE CARE, PRE-CONCEPTIVE CARE, FERTILITY TREATMENTS, AND OTHER HEALTH CONDITIONS**
[54] **PROCEDE DE FOURNITURE DE SYSTEMES DE SUPPORT DE DECISION (DSS) ET DE DOSSIERS MEDICAUX ELECTRONIQUES (EHR) POUR SOINS GENESIQUES, SOINS DE PRECONCEPTION, TRAITEMENTS DE FECONDITE ET AUTRES ETATS DE SANTE**
[72] YAO, MYLENE, US
[71] UNIFY INC., US
[85] 2012-12-05
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[54] **FEEDER APPARATUS**
[54] **APPAREIL D'ALIMENTATION**
[72] LETCHFORD, FRANK ARTHUR SAMUEL, AU
[72] BOUCHER, WILLIAM DAVID, AU
[72] JOUBERT, HUGO, AU
[71] XSTRATA TECHNOLOGY PTY LTD, AU
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[25] EN
[54] **METHOD OF TREATING A WELLBORE AT HIGH TEMPERATURE IN CONTACT WITH CARBON DIOXIDE**
[54] **PROCEDE DE TRAITEMENT D'UN Puits DE FORAGE A HAUTE TEMPERATURE EN CONTACT AVEC DU DIOXYDE DE CARBONE**
[72] LI, LEIMING, US
[72] LIN, LIJUN, US
[72] BONEY, CURTIS L., US
[72] PARRIS, MICHAEL D., US
[72] ENGLAND, KEVIN W., US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[87] (WO2011/161572)
[30] US (12/821,851) 2010-06-23

[21] **2,804,296**
[13] A1

[51] **Int.Cl. A61B 17/58 (2006.01) A61B 17/68 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **AN EASILY IMPLANTABLE AND STABLE NAIL-FASTENER FOR SKELETAL FIXATION AND METHOD**
[54] **FIXATEUR DE CLOU STABLE ET FACILEMENT IMPLANTABLE POUR STABILISATION FRACTURAIRE, ET PROCEDE ASSOCIE**
[72] LECRONIER, DAVID, US
[72] ATKINSON, PATRICK, GB
[71] KETTERING UNIVERSITY, US
[85] 2012-12-18
[86] 2011-06-16 (PCT/US2011/040709)
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[30] US (12/818,395) 2010-06-18

[21] **2,804,297**
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[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**
[54] **METHODES ET COMPOSITIONS POUR DIAGNOSTIQUER ET PRONOSTIQUER UNE LESION RENALE ET UNE INSUFFISANCE RENALE**
[72] ANDERBERG, JOSEPH, US
[72] GRAY, JEFF, US
[72] MCPHERSON, PAUL, US
[72] NAKAMURA, KEVIN, US
[72] KAMPF, JAMES PATRICK, US
[71] ASTUTE MEDICAL, INC., US
[85] 2012-12-20
[86] 2011-06-23 (PCT/US2011/001128)
[87] (WO2011/162821)
[30] US (61/357,965) 2010-06-23
[30] US (61/357,966) 2010-06-23
[30] US (61/364,305) 2010-07-14
[30] US (61/364,297) 2010-07-14

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[13] A1

[51] **Int.Cl. A61K 8/87 (2006.01) A61K 8/72 (2006.01) A61K 9/113 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETICS COMPRISING COSMETIC COMPOSITION-IMPREGNATED URETHANE FOAM**
[54] **MOUSSE D'URETHANE UTILISABLE EN VUE D'UNE IMPREGNATION PAR UNE COMPOSITION COSMETIQUE**
[72] KIM, KYUNG NAM, KR
[72] CHOI, JUNG SUN, KR
[72] SHIM, MIN KYUNG, KR
[72] CHOI, KYUNG HO, KR
[72] CHOI, YEONG JIN, KR
[71] AMOREPACIFIC CORPORATION, KR
[85] 2012-12-21
[86] 2012-03-23 (PCT/KR2012/002141)
[87] (WO2012/128589)
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[13] A1

[51] **Int.Cl. A61M 5/175 (2006.01) A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **SELF-DESTROYING INSULIN SYRINGE**
[54] **SERINGUE A INSULINE ET A AIGUILLE INTERCHANGEABLE ET A AUTO-DESTRUCTION**
[72] JIANG, XIAOHUI, CN
[72] LIN, ZUOQIAN, CN
[71] JIANG, XIAOHUI, CN
[71] LIN, ZUOQIAN, CN
[85] 2012-12-14
[86] 2010-10-19 (PCT/CN2010/077861)
[87] (WO2011/160364)
[30] CN (201010204868.5) 2010-06-21

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[21] **2,804,300**
[13] A1

[51] **Int.Cl. H04N 1/00 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING SYSTEM AND IMAGING OBJECT USED FOR SAME**
[54] **SYSTEME DE TRAITEMENT D'IMAGE ET OBJET DE CAPTURE D'IMAGE UTILISE AVEC CELUI-CI**
[72] HINE, YOICHI, JP
[72] ENDO, SHIN, JP
[71] KING JIM CO., LTD., JP
[85] 2013-01-02
[86] 2011-07-13 (PCT/JP2011/065956)
[87] (WO2012/039185)
[30] JP (2010-211265) 2010-09-21
[30] JP (2011-022818) 2011-02-04

[21] **2,804,302**
[13] A1

[51] **Int.Cl. B01D 71/06 (2006.01) B01D 53/22 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **STEAM PERMSELECTIVE MEMBRANE, AND METHOD USING SAME FOR SEPARATING STEAM FROM MIXED GAS**
[54] **MEMBRANE A PERMEABILITE SELECTIVE A LA VAPEUR D'EAU ET PROCEDE D'UTILISATION DE CETTE MEMBRANE POUR SEPARER DE LA VAPEUR D'EAU D'UN GAZ MIXTE**
[72] OKADA, OSAMU, JP
[72] KAMIO, EIJI, JP
[72] HANAI, NOBUAKI, JP
[72] OBAMA, MIWAKO, JP
[71] RENAISSANCE ENERGY RESEARCH CORPORATION, JP
[85] 2013-01-02
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[87] (WO2012/014900)
[30] JP (2010-167135) 2010-07-26

[21] **2,804,304**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/4985 (2006.01) A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) C07D 413/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS**
[72] REN, PINGDA, US
[72] LIU, YI, US
[72] LI, LIANSHENG, US
[72] CHAN, KATRINA, US
[72] WILSON, TROY EDWARD, US
[72] CAMPBELL, SIMON FRASER, GB
[71] INTELLIKINE, LLC, US
[85] 2012-11-26
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[21] **2,804,305**
[13] A1

[51] **Int.Cl. C21B 13/10 (2006.01) C21B 11/08 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING GRANULAR METAL IRON AND PROCESS FOR PRODUCING GRANULAR METAL IRON**
[54] **DISPOSITIF DESTINE A LA PRODUCTION DE FER METALLIQUE GRANULAIRE, ET PROCEDE DE PRODUCTION DE FER METALLIQUE GRANULAIRE**
[72] KIKUCHI, SHOICHI, JP
[72] TSUGE, OSAMU, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO, JP
[85] 2013-01-02
[86] 2011-07-29 (PCT/JP2011/067470)
[87] (WO2012/020656)
[30] JP (2010-178961) 2010-08-09

[21] **2,804,307**
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS**
[54] **TRAITEMENT DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS, US
[72] BAE, SEUL-A, US
[72] WALLICK, KELLY, US
[71] XYLECO, INC., US
[85] 2013-01-02
[86] 2011-07-15 (PCT/US2011/044271)
[87] (WO2012/012297)
[30] US (61/365,493) 2010-07-19

[21] **2,804,310**
[13] A1

[51] **Int.Cl. C22C 38/26 (2006.01) B22F 1/00 (2006.01) B22F 3/15 (2006.01) B22F 9/00 (2006.01)**
[25] EN
[54] **STAINLESS STEEL ALLOY**
[54] **ALLIAGE D'ACIER INOXYDABLE**
[72] MCCABE, TIMOTHY J., US
[72] VAIDYANATHAN, CHANDRAMOULESWARAN, US
[71] CLIMAX MOLYBDENUM COMPANY, US
[85] 2013-01-02
[86] 2011-07-18 (PCT/US2011/044325)
[87] (WO2012/012313)
[30] US (61/365,657) 2010-07-19

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[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) A01K 67/027 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **MICE EXPRESSING ALIGHT CHAIN WITH HUMAN LAMBDA VARIABLE AND MOUSE CONSTANT REGIONS**

[54] **SOURIS EXPRIMANT UNE CHAINE LEGERE INCLUANT DES REGIONS VARIABLES LAMBDA HUMAINES ET DES REGIONS CONSTANTES MURINES**

[72] MACDONALD, LYNN, US

[72] STEVENS, SEAN, US

[72] GURER, CAGAN, US

[72] MURPHY, ANDREW J., US

[72] HOSIAWA, KAROLINA A., US

[71] REGENERON PHARAMACEUTICALS, INC., US

[85] 2012-12-21

[86] 2011-06-22 (PCT/US2011/041366)

[87] (WO2011/163311)

[30] US (61/357,314) 2010-06-22

[30] US (61/357,317) 2010-06-22

[21] **2,804,312**
[13] A1

[51] **Int.Cl. C10G 27/04 (2006.01)**

[25] EN

[54] **OXIDATIVE DESULFURIZATION USING A TITANIUM(IV) CATALYST AND ORGANHOYDROPEROXIDES**

[54] **DESULFURATION OXYDATIVE UTILISANT UN CATALYSEUR AU TITANE (IV) ET DES ORGANOHYDROPEROXYDES**

[72] LITZ, KYLE E., US

[72] VREELAND, JENNIFER L., US

[71] AUTERRA, INC., US

[85] 2013-01-02

[86] 2011-07-19 (PCT/US2011/044439)

[87] (WO2012/012368)

[30] US (61/365,842) 2010-07-20

[30] US (13/185,552) 2011-07-19

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[13] A1

[51] **Int.Cl. C07F 9/00 (2006.01) B01J 31/02 (2006.01) C07F 15/00 (2006.01)**

[25] EN

[54] **FUNCTIONALIZATION OF ORGANIC MOLECULES USING METAL-ORGANIC FRAMEWORKS (MOFS) AS CATALYSTS**

[54] **FONCTIONNALISATION DE MOLECULES ORGANIQUES AU MOYEN DE RESEAUX METALLO-ORGANIQUES (MOF) UTILISES COMME CATALYSEURS**

[72] YAGHI, OMAR M., US

[72] CZAJA, ALEXANDER U., DE

[72] PHAN, ANH THI PHUONG, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[71] BASF SE, DE

[85] 2013-01-02

[86] 2011-07-20 (PCT/US2011/044625)

[87] (WO2012/012495)

[30] US (61/365,901) 2010-07-20

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[13] A1

[51] **Int.Cl. F04D 25/08 (2006.01)**

[25] EN

[54] **TUBULAR INLINE EXHAUST FAN ASSEMBLY**

[54] **ENSEMBLE VENTILATEUR D'ECHAPPEMENT TUBULAIRE EN LIGNE**

[72] KHALITOV, DANIEL, US

[72] MCCLURE, ANDREW W., US

[71] TWIN CITY FAN COMPANIES, LTD., US

[85] 2013-01-02

[86] 2011-09-06 (PCT/US2011/050527)

[87] (WO2012/031295)

[30] US (61/379,832) 2010-09-03

[21] **2,804,315**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01)**

[25] EN

[54] **MULTI-STAGE BIOMASS CONVERSION**

[54] **CONVERSION DE BIOMASSE A ETAPES MULTIPLES**

[72] WANG, NEIL, US

[72] CHEN, LIANG, US

[72] LOEZOS, PETER, US

[71] KIOR INC., US

[85] 2013-01-02

[86] 2011-07-22 (PCT/US2011/044955)

[87] (WO2012/012684)

[30] US (61/367,179) 2010-07-23

[21] **2,804,316**
[13] A1

[51] **Int.Cl. F02G 1/043 (2006.01) F03G 7/06 (2006.01) F15B 1/00 (2006.01)**

[25] EN

[54] **METHOD OF CONVERSION OF HEAT INTO FLUID POWER AND DEVICE FOR ITS IMPLEMENTATION**

[54] **PROCEDE DE CONVERSION DE CHALEUR EN ENERGIE HYDRAULIQUE ET DISPOSITIF DE MISE EN OEUVRE**

[72] STROGANOV, ALEXANDER ANATOLYEVICH, RU

[71] STROGANOV, ALEXANDER ANATOLYEVICH, RU

[85] 2013-01-22

[86] 2010-12-30 (PCT/RU2010/000823)

[87] (WO2011/115523)

[30] RU (2010111398) 2010-03-17

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[13] A1

[51] **Int.Cl. C07D 307/84 (2006.01) A61K 31/343 (2006.01) A61K 31/51 (2006.01) A61P 31/00 (2006.01) C07D 405/12 (2006.01)**

[25] EN

[54] **BENZOFURAN DERIVATIVES FOR THE TREATMENT OF HEPATITS C**

[54] **DERIVES DE BENZOFURANNE DANS LE TRAITEMENT DE L'HEPATITE C**

[72] YEUNG, KAP-SUN, US
[72] BENO, BRETT R., US
[72] KADOW, JOHN F., US
[71] BRISTOL MYERS SQUIBB COMPANY, US
[85] 2012-12-21
[86] 2011-06-28 (PCT/US2011/042086)
[87] (WO2012/003164)
[30] US (61/359,881) 2010-06-30

[21] **2,804,320**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/58 (2006.01)**

[25] EN

[54] **AUSTENITE-FERRITE STAINLESS STEEL OF IMPROVED MACHINABILITY**

[54] **ACIER INOXYDABLE AUSTENO-FERRITIQUE A USINABILITE AMELIOREE**

[72] PEULTIER, JEROME, FR
[72] FANICA, AMELIE, FR
[72] RENAUDOT, NICOLAS, FR
[72] BOURGIN, CHRISTOPHE, FR
[72] CHAUVEAU, ERIC, FR
[72] MANTEL, MARC, FR
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[71] UGITECH, FR
[85] 2013-01-03
[86] 2011-07-05 (PCT/FR2011/000394)
[87] (WO2012/004473)
[30] FR (PCT/FR2010/000498) 2010-07-07

[21] **2,804,321**
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) G02B 27/01 (2006.01)**

[25] FR

[54] **LAMINATED STRUCTURE FOR DISPLAYING INFORMATION**

[54] **STRUCTURE FEUILLETEE POUR LA VISUALISATION D'INFORMATIONS**

[72] DEKONINCK, ALEXANDRA, FR
[72] SABLAYROLLES, JEAN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2013-01-02
[86] 2011-07-06 (PCT/FR2011/051612)
[87] (WO2012/004535)
[30] FR (10/02860) 2010-07-07

[21] **2,804,322**
[13] A1

[51] **Int.Cl. C08F 8/44 (2006.01) C08F 8/32 (2006.01) C08F 110/10 (2006.01)**

[25] EN

[54] **ACID-FREE QUATERNISED NITROGEN COMPOUNDS AND USE THEREOF AS ADDITIVES IN FUELS AND LUBRICANTS**

[54] **COMPOSES AZOTES QUATERNISES EXEMPTS D'ACIDE ET UTILISATION DESDITS COMPOSES COMME ADDITIFS POUR CARBURANTS OU POUR LUBRIFIANTS**

[72] GRABARSE, WOLFGANG, DE
[72] BOEHNKE, HARALD, DE
[72] TOCK, CHRISTIAN, LU
[72] ROEGER-GOEPFERT, CORNELIA, DE
[72] VOELKEL, LUDWIG, DE
[71] BASF SE, DE
[85] 2013-01-03
[86] 2011-07-06 (PCT/EP2011/061398)
[87] (WO2012/004300)
[30] EP (10168622.8) 2010-07-06
[30] EP (11165920.7) 2011-05-12

[21] **2,804,323**
[13] A1

[51] **Int.Cl. B65G 47/256 (2006.01) B65G 21/20 (2006.01) B65G 35/00 (2006.01) B67B 3/064 (2006.01)**

[25] FR

[54] **DEVICE FOR PREPARING SEALING ELEMENTS**

[54] **DISPOSITIF DE PREPARATION D'ELEMENTS DE BOUCHAGE**

[72] LOPEZ, REMY, FR
[72] PETROVIC, ZMAJ, FR
[72] LAMOLY, DAVID, FR
[71] SIDEL PARTICIPATIONS, FR
[85] 2012-12-18
[86] 2011-05-11 (PCT/FR2011/051054)
[87] (WO2012/001251)
[30] FR (10 55200) 2010-06-29

[21] **2,804,325**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01)**

[25] EN

[54] **PRODUCTION OF RENEWABLE BIOFUELS**

[54] **PRODUCTION DE BIOCARBURANTS RENOVELABLES**

[72] RAMIREZ-CORREDORES, MARIA MAGDALENA, US
[72] SANCHEZ, VICENTE, US
[71] KIOR INC., US
[85] 2013-01-02
[86] 2011-08-23 (PCT/US2011/048815)
[87] (WO2012/027372)
[30] US (61/376,131) 2010-08-23

[21] **2,804,326**
[13] A1

[51] **Int.Cl. D21H 17/57 (2006.01) B41M 5/52 (2006.01) D21H 19/44 (2006.01) D21H 19/62 (2006.01)**

[25] FR

[54] **FINE, LAYERED PAPER HAVING A SOFT TOUCH**

[54] **PAPIER FIN COUCHE A TOUCHER DOUX**

[72] BAUMLIN, JEAN-MARIE, FR
[71] ARJO WIGGINS FINE PAPERS LIMITED, GB
[85] 2012-11-27
[86] 2011-05-27 (PCT/FR2011/051226)
[87] (WO2011/151581)
[30] FR (1054343) 2010-06-03

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[21] **2,804,327**
[13] A1

[51] **Int.Cl. A01K 67/027 (2006.01) A61K 49/00 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **A TRANSGENIC ANIMAL AS A MODEL FOR IDENTIFYING ADULT STEM CELLS, AND USES THEREOF**

[54] **ANIMAL TRANSGENIQUE EN TANT QUE MODELE POUR IDENTIFIER DES CELLULES SOUCHES ADULTES ET SES UTILISATIONS**

[72] SASSOON, DAVID, FR
[72] BESSON, VANESSA, FR
[72] MARAZZI, GIOVANNA, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR

[85] 2013-01-03
[86] 2011-07-06 (PCT/EP2011/061445)
[87] (WO2012/004322)
[30] EP (10305758.4) 2010-07-07

[21] **2,804,328**
[13] A1

[51] **Int.Cl. B29C 47/68 (2006.01) B29C 47/08 (2006.01) B01D 29/66 (2006.01)**

[25] EN

[54] **FILTERING DEVICE FOR FLUIDS**

[54] **DISPOSITIF DE FILTRATION POUR FLUIDES**

[72] JOST, ERNST, AT
[72] ARBEITHUBER, JOSEF, AT
[72] HACKL, MANFRED, AT
[72] FEICHTINGER, KLAUS, AT
[71] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT

[85] 2013-01-03
[86] 2011-06-30 (PCT/AT2011/000288)
[87] (WO2012/003520)
[30] AT (A 1133/2010) 2010-07-05

[21] **2,804,329**
[13] A1

[51] **Int.Cl. C07D 265/30 (2006.01) A61K 31/5375 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 413/10 (2006.01)**

[25] EN

[54] **BISARYL (THIO)MORPHOLINE DERIVATIVES AS S1P MODULATORS**

[54] **DERIVES BISARYL (THIO)MORPHOLINES MODULATEURS DE S1P**

[72] IWEMA BAKKER, WOUTER I., NL
[72] BRONGER, RAYMOND, NL
[71] ABBVIE B.V., NL

[85] 2013-01-03
[86] 2011-07-08 (PCT/EP2011/061590)
[87] (WO2012/004375)
[30] US (61/362,785) 2010-07-09
[30] EP (10169108.7) 2010-07-09
[30] US (61/452,977) 2011-03-15
[30] EP (11158269.8) 2011-03-15

[21] **2,804,331**
[13] A1

[51] **Int.Cl. A61B 5/0408 (2006.01) A61B 5/0478 (2006.01)**

[25] EN

[54] **TEXTILE ELECTRODE**

[54] **ELECTRODE TEXTILE**

[72] NINANE, CHRISTIAN, BE
[72] DELIEGE, BENJAMIN, BE
[71] CECOTEPE ASBL, BE

[85] 2013-01-03
[86] 2011-07-08 (PCT/EP2011/061618)
[87] (WO2012/007384)
[30] EP (10169351.3) 2010-07-13

[21] **2,804,333**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/50 (2006.01) A61K 31/485 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01) A61K 49/10 (2006.01) A61P 25/04 (2006.01) G01N 1/00 (2006.01)**

[25] FR

[54] **NALBUPHINE-BASED FORMULATIONS AND USES THEREOF**

[54] **FORMULATIONS A BASE DE NALBUPHINE ET LEURS UTILISATIONS**

[72] LEBON, CHRISTOPHE, FR
[72] SUPLIE, PASCAL, FR
[72] PAUL, DAVID OLIVIER, FR
[71] DEBREGEAS ET ASSOCIES PHARMA, FR

[85] 2013-01-03
[86] 2011-08-18 (PCT/FR2011/051929)
[87] (WO2012/022919)
[30] FR (10 56689) 2010-08-20

[21] **2,804,334**
[13] A1

[51] **Int.Cl. C07D 311/82 (2006.01) A61K 8/49 (2006.01) A61K 31/352 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **XANTHEDIONE DERIVATIVES FOR THE TREATMENT OF PIGMENTATION AND SKIN AGEING DISORDERS**

[54] **DERIVES DE XANTHEDIONE POUR LE TRAITEMENT DE TROUBLES DE PIGMENTATION ET DE VIEILLISSEMENT DE LA PEAU**

[72] POIGNY, STEPHANE, FR
[72] BELAUBRE, FRANCOISE, FR
[71] PIERRE FABRE DERMOCOSMETIQUE, FR

[85] 2013-01-03
[86] 2011-07-08 (PCT/EP2011/061637)
[87] (WO2012/004390)
[30] FR (1055595) 2010-07-09

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[21] **2,804,335**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MLK4 GENE, A NEW DIAGNOSTIC AND PROGNOSTIC MARKER IN CANCERS**
[54] **LE GENE MLK4, UN NOUVEAU MARQUEUR DE DIAGNOSTIC ET DE PRONOSTIC DES CANCERS**
[72] BARDELLI, ALBERTO, IT
[72] MARTINI, MIRIAM, IT
[71] BARDELLI, ALBERTO, IT
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[54] **CYCLOTRON COMPRISING A MEANS FOR MODIFYING THE MAGNETIC FIELD PROFILE AND ASSOCIATED METHOD**
[54] **CYCLOTRON COMPRENANT UN MOYEN DE MODIFICATION DU PROFIL DE CHAMP MAGNETIQUE ET PROCEDE ASSOCIE**
[72] KLEEVEN, WILLEM, BE
[71] ION BEAM APPLICATIONS S.A., BE
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[54] **DRY COMPOSITIONS AND DEVICES CONTAINING SUCH DRY COMPOSITIONS FOR USE IN PHOTODYNAMIC THERAPY OR PHOTODYNAMIC DIAGNOSIS**
[54] **COMPOSITIONS SECHES ET DISPOSITIFS LES CONTENANT DESTINES A ETRE UTILISES DANS LA THERAPIE PHOTODYNAMIQUE OU LE DIAGNOSTIC PHOTODYNAMIQUE**
[72] KLEM, BJORN, NO
[72] LANGE, NORBERT, CH
[71] PHOTOCURE ASA, NO
[85] 2013-01-03
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[54] **A METHOD FOR REMOVING AMMONIUM NITROGEN FROM ORGANIC WASTE WATER COMPRISING LIQUID MANURE**
[54] **PROCEDE D'ELIMINATION D'AZOTE D'AMMONIUM A PARTIR D'EAUX USEES ORGANIQUES COMPRENANT DU LISIER**
[72] WENNERGREEN, BO, SE
[72] CHRISTENSEN, JENS TRADSBORG, SE
[71] RE-N TECHNOLOGY APS, DK
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[54] **FILLING CONNECTOR, CORRESPONDING CONTAINER AND CORRESPONDING FILLING METHOD**
[54] **RACCORD DE REMPLISSAGE, RECIPIENT ET PROCEDE DE REMPLISSAGE CORRESPONDANTS**
[72] FRENAL, ANTOINE, FR
[72] MANSCOURT, CYRIL, FR
[72] PISOT, PHILIPPE, FR
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE, FR
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[54] **WINDSCREEN WIPER CONNECTOR INCLUDING AN INTERNAL ELECTRICAL CONTACT SPRING**
[54] **CONNECTEUR D'ESSUIE-GLACE A CONTACT ELECTRIQUE INTERNE FAISANT RESSORT**
[72] CAILLOT, GERALD, FR
[72] IZABEL, VINCENT, FR
[72] JARASSON, JEAN-MICHEL, FR
[71] VALEO SYSTEMES D'ESSUYAGE, FR
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[54] **TIME-DELAYED SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING DAPOXETINE FOR ORAL ADMINISTRATION**

[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE ET A ACTION RETARDEE COMPRENANT DE LA DAPOXETINE POUR ADMINISTRATION ORALE**

[72] LEE, CHANG-KYOO, KR
[72] PARK, SANG-GEUN, KR
[71] NAVIPHARM CO., LTD., KR
[85] 2013-01-03
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[54] **CALPAIN-3 INHIBITORS FOR TREATING MUSCULAR DYSTROPHIES AND CARDIOMYOPATHIES**

[54] **INHIBITEURS DE LA CALPAINE 3 POUR LE TRAITEMENT DE DYSTROPHIES MUSCULAIRES ET DE CARDIOMYOPATHIES**

[72] RICHARD, ISABELLE, FR
[72] CHARTON, KARINE, FR
[71] GENETHON, FR
[71] UNIVERSITE D'EVRY VAL D'ESSONNE, FR
[85] 2012-12-27
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[54] **GENERATION OF HIGH DYNAMIC RANGE IMAGES FROM LOW DYNAMIC RANGE IMAGES IN MULTI-VIEW VIDEO CODING**

[54] **GENERATION D'IMAGES A PLAGE DYNAMIQUE ETENDUE A PARTIR D'IMAGES A PLAGE DYNAMIQUE FAIBLE AVEC UN CODAGE VIDEO MULTIVUES**

[72] BRULS, WILHELMUS HENDRIKUS ALFONSUS, NL
[72] MUIJS, REMCO THEODORUS JOHANNES, NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **HETEROCYCLIC ALKYNYL BENZENE COMPOUNDS AND MEDICAL COMPOSITIONS AND USES THEREOF**

[54] **COMPOSES BENZENE ALKYNYL HETEROCYCLIQUES, COMPOSITIONS MEDICALES ET LEURS UTILISATIONS**

[72] DING, KE, CN
[72] WANG, DEPING, CN
[72] PEI, DUANQING, CN
[72] ZHANG, ZHANG, CN
[72] SHEN, MENGJIE, CN
[72] LUO, KUN, CN
[72] FENG, YUBING, CN
[71] GUANGZHOU INSTITUTE OF BIOMEDICINE AND HEALTH, CHINESE ACADEMY OF SCIENCES, CN
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[54] **SIPHON WEIR VALVE FOR HIGH FLOW MUNICIPAL WATER TREATMENT SYSTEMS**

[54] **VANNE DE DEVERSOIR A SIPHON POUR SYSTEMES DE TRAITEMENT DES EAUX PUBLIQUES A ECOULEMENT ELEVE**

[72] JANSON, ARNOLD FREDERIC, CA

[72] KLUSZKA, ROBERT JOSEPH, CA

[72] BINGHAM, DAVID BLAIR, CA

[72] GUIBERT, DENIS JOEL MARIE, CA

[72] PREEETE, DARREN JAMES, CA

[71] ZENON TECHNOLOGY PARTNERSHIP, US

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[54] **CHEMICAL COMPOUNDS**

[54] **COMPOSES CHIMIQUES**

[72] BELL, ANDREW SIMON, GB

[72] BROWN, ALAN DANIEL, GB

[72] LEWTHWAITE, RUSSELL ANDREW, GB

[72] PEREZ PACHECO, MANUEL, GB

[72] RAWSON, DAVID JAMES, GB

[72] STORER, ROBERT IAN, GB

[72] SWAIN, NIGEL ALAN, GB

[71] PFIZER LIMITED, GB

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[54] **DRAINAGE APPLIANCE FOR BODY WASTE**

[54] **APPAREIL DE DRAINAGE POUR DECHETS CORPORELS**

[72] GREGORY, CHRISTOPHER, US

[71] CONVATEC TECHNOLOGIES INC., US

[85] 2013-01-03

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[51] **Int.Cl. G05B 19/418 (2006.01)**

[25] EN

[54] **METHOD, SYSTEM, AND APPARATUS FOR COMMUNICATING USING MULTIPLE CONTROLLERS**

[54] **PROCEDE, SYSTEME ET APPAREIL PERMETTANT DE COMMUNIQUER A L'AIDE DE MULTIPLES ORGANES DE COMMANDE**

[72] LUECKENBACH, WILLIAM H., US

[72] PRATT, GARY, US

[72] TONNO, GIOVANNI, IT

[72] YOENSKY, MICHAEL, US

[71] GE INTELLIGENT PLATFORMS, INC., US

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[54] **COHORT-SELECTABLE FACETED DISPLAY**

[54] **AFFICHAGE A FACETTES SELECTIONNABLES PAR COHORTE**

[72] NEUMANN, ERIC K., US

[72] BOYCE, KEITH G., US

[71] CLINICAL SEMANTICS TECHNOLOGIES, LLC, US

[85] 2013-01-03

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[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING VANOXERINE**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE LA VANOXERINE**

[72] BROWN, ARTHUR M., US

[71] CHANRX CORPORATION, US

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[21] **2,804,361**
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[51] **Int.Cl. E04G 23/02 (2006.01) E04F 13/24 (2006.01)**

[25] EN

[54] **PUSH ON SYSTEM FOR RESTORING, REPAIRING, REINFORCING, PROTECTING, INSULATING AND/OR CLADDING STRUCTURES**

[54] **SYSTEME DE POUSSEE POUR RESTAURER, REPARER, RENFORCER, PROTEGER, ISOLER ET/OU REVETIR DES STRUCTURES**

[72] FANG, ZI LI, CA

[72] KRIVULIN, SEMION, CA

[72] RICHARDSON, GEORGE DAVID, CA

[71] CFS CONCRETE FORMING SYSTEMS INC., CA

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[54] **APPARATUS FOR DISPENSING ABSORBENT SHEET PRODUCTS AND METHOD FOR MODIFYING SUCH APPARATUS**
[54] **APPAREIL DE DISTRIBUTION DE PRODUITS EN FEUILLE ABSORBANTS ET PROCEDE DE MODIFICATION D'UN TEL APPAREIL**
[72] PERSSON, DANIEL, SE
[71] SCA HYGIENE PRODUCTS AB, SE
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[25] EN
[54] **LUMINESCENT COMPOUNDS, METHOD OF PREPARATION OF LUMINESCENT COMPOUNDS AND APPLICATIONS THEREOF**
[54] **COMPOSES LUMINESCENTS, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS**
[72] LEWINSKI, JANUSZ ZBIGNIEW, PL
[72] SOKOLOWSKI, KAMIL, PL
[71] INSTYTUT CHEMII FIZYCZNEJ POLSKIEJ AKADEMII NAUK, PL
[71] NANOXIDE SP. Z O.O., PL
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[54] **ELECTRICAL WIRING FOR DRILL PIPE, CASING, AND TUBING**
[54] **CABLAGE ELECTRIQUE POUR TIGE DE FORAGE, TUBAGE, ET COLONNE DE PRODUCTION**
[72] HUGHES, WILLIAM JAMES, US
[72] LANE, BRYAN, US
[72] BRIGGS, GARY MARSHALL, US
[71] SUNSTONE TECHNOLOGIES, LLC., US
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[54] **AN AMBULATORY ULTRAFILTRATION DEVICE, RELATED METHODS AND A COMPUTER PROGRAM PRODUCT**
[54] **DISPOSITIF D'ULTRAFILTRATION AMBULATOIRE, PROCEDES ASSOCIES ET PRODUIT DE PROGRAMME INFORMATIQUE**
[72] JONSSON, LENNART, SE
[72] STERNBY, JAN, SE
[72] WIESLANDER, ANDERS, SE
[71] GAMBRO LUNDIA AB, SE
[85] 2013-01-03
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[54] **ONE-STEP METHOD FOR BUTADIENE PRODUCTION**
[54] **PROCEDE EN UNE SEULE ETAPE POUR LA PRODUCTION DE BUTADIENE**
[72] ORDOMSKIY, VITALY VALERIEVICH, RU
[72] SUSHKEVICH, VITALY LEONIDOVICH, BY
[72] IVANOVA, IRINA IGOREVNA, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "UNISIT", RU
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[54] **DE-DUPLICATION BASED BACKUP OF FILE SYSTEMS**
[54] **SYSTEME DE SECOURS BASE SUR LA DEDUPLICATION DE FICHIERS SYSTEME**
[72] YUEH, JEDIDIAH, US
[71] DELPHIX CORP., US
[85] 2013-01-03
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[54] **TRANSPORTATION SYSTEM WITH GUIDES FOR GUIDED TRANSPORTATION VEHICLES AND METHOD FOR OPERATION THEREOF**

[54] **SYSTEME DE TRANSPORT COMPRENANT DES DISPOSITIFS DE GUIDAGE POUR DES VEHICULES DE TRANSPORT GUIDES ET SON PROCEDE DE FONCTIONNEMENT**

[72] CREMER, HOLGER, DE

[71] DEMATIC ACCOUNTING SERVICES GMBH, DE

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[54] **PROTOCOL FOR CHANNEL STATE INFORMATION FEEDBACK**

[54] **PROTOCOLE POUR RETOUR D'INFORMATIONS D'ETAT DE CANAL**

[72] ABRAHAM, SANTOSH PAUL, US

[72] MERLIN, SIMONE, US

[72] SAMPATH, HEMANTH, US

[72] VERMANI, SAMEER, US

[71] QUALCOMM INCORPORATED, US

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[54] **METHODS FOR THE PREPARATION OF DIASTEROMERICALLY PURE PHOSPHORAMIDATE PRODRUGS**

[54] **PROCEDES DE PREPARATION DE PROMEDICAMENTS AU PHOSPHORAMIDATE PUR AU PLAN DIASTEREOMERE**

[72] CHO, AESOP, US

[72] WOLCKENHAUER, SCOTT ALAN, US

[72] CLARKE, O'NEIL HANRAHAN, US

[71] GILEAD SCIENCES, INC., US

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[86] 2011-07-19 (PCT/US2011/044581)

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[13] A1

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[54] **COPOLYMER HAVING HIGH CHEMICAL UNIFORMITY AND USE THEREOF FOR IMPROVING COLD FLOW PROPERTIES OF FUEL OILS**

[54] **COPOLYMERE A HOMOGENEITE CHIMIQUE ELEVEE ET SON UTILISATION POUR L'AMELIORATION DE L'ECOULEMENT A FROID D'HUILES COMBUSTIBLES**

[72] MAEHLING, FRANK-OLAF, DE

[72] STRITTMATTER, JAN, DE

[72] TROETSCH-SCHALLER, IRENE, DE

[72] GARCIA CASTRO, IVETTE, DE

[72] SCHROERS, MICHAEL, DE

[72] REBHOLZ, UWE, DE

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[21] **2,804,378**
[13] A1

[51] **Int.Cl. B65D 5/22 (2006.01) B65D 5/42 (2006.01) B65D 5/52 (2006.01) B65D 5/66 (2006.01)**

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[54] **SEALED CLAMSHELL CARTON**

[54] **BOITE EN FORME DE COQUILLE SCHELLEE**

[72] FITZWATER, KELLY R., US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2013-01-03

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[13] A1

[51] **Int.Cl. H01H 33/662 (2006.01)**

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[54] **AN ELECTRICAL ISOLATOR**

[54] **ISOLATEUR ELECTRIQUE**

[72] WATSON, BRETT ALEXANDER, AU

[71] SIEMENS LTD., AU

[85] 2013-01-04

[86] 2011-06-29 (PCT/AU2011/000803)

[87] (WO2012/003527)

[30] AU (2010903024) 2010-07-07

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[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01)**

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[54] **DNA ELEMENT HAVING THE ACTIVITY OF ENHANCING FOREIGN GENE EXPRESSION**

[54] **ELEMENT D'ADN AYANT UNE ACTIVITE DANS LE RENFORCEMENT DE L'EXPRESSION DU GENE ETRANGER**

[72] NISHIMIYA, DAISUKE, JP

[72] INOUE, TATSUYA, JP

[71] DAIICHI SANKYO COMPANY, LIMITED, JP

[85] 2013-01-03

[86] 2011-07-06 (PCT/JP2011/065916)

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[30] JP (2010-154782) 2010-07-07

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[51] **Int.Cl. B60G 3/18 (2006.01)**
[25] EN
[54] **TRANSAXLE ASSEMBLY FOR MOUNTING DIRECT DRIVE AXLES TO A BACKBONE FRAME**
[54] **ENSEMBLE BOITE-PONT POUR MONTER DES PONTS MOTEURS EN PRISE DIRECTE SUR UN CHASSIS-POUTRE**
[72] ORIET, LEO P., US
[71] NAVISTAR CANADA, INC., CA
[85] 2013-01-03
[86] 2010-07-23 (PCT/US2010/043085)
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[54] **A TRANSACTION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE TRANSACTIONS**
[72] TROLIO, GIAMPIETRO, AU
[71] AXIEOS TECHNOLOGIES PTY LTD, AU
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[86] 2011-07-06 (PCT/AU2011/000848)
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[30] AU (2010902997) 2010-07-06

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[54] **STAPLING APPARATUS FOR PERFORMING ANASTOMOSIS ON HOLLOW ORGANS**
[54] **APPAREIL D'AGRAFAGE POUR LA REALISATION D'UNE ANASTOMOSE SUR DES ORGANES CREUX**
[72] TZAKIS, ANDREAS G., US
[72] MORELLI, JAMES, US
[72] SADOWSKI, DANIEL, US
[71] ZAKEASE SURGICAL INC., US
[85] 2013-01-03
[86] 2011-06-28 (PCT/US2011/001149)
[87] (WO2012/005754)
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[25] EN
[54] **COMPOUNDS AND METHODS FOR REGULATING INTEGRIN CD11B/CD18**
[54] **COMPOSES ET METHODES POUR REGULER L'INTEGRINE CD11B/CD18**
[72] GUPTA, VINEET, US
[71] ADHAERE PHARMACEUTICALS, INC., US
[85] 2013-01-03
[86] 2011-05-02 (PCT/US2011/034753)
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[30] US (61/362,363) 2010-07-08

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[51] **Int.Cl. A41D 19/00 (2006.01) A41D 13/08 (2006.01) E05B 1/04 (2006.01)**
[25] EN
[54] **CLAMSHELL DOOR HANDLE GRASPER**
[54] **DISPOSITIF DE SERRAGE DE POIGNEE DE PORTE A COQUILLE**
[72] WILSON, ROGER, US
[71] WILSON, ROGER, US
[85] 2013-01-03
[86] 2011-07-06 (PCT/US2011/043109)
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[25] EN
[54] **SYNGAS PRODUCTION THROUGH THE USE OF MEMBRANE TECHNOLOGIES**
[54] **PRODUCTION DE GAZ DE SYNTHESE PAR UTILISATION DES TECHNOLOGIES DES MEMBRANES**
[72] LIEN, LARRY, US
[72] TRANQUILLA, JAMES M., CA
[72] PICARO, TONY, AU
[71] ECO TECHNOL PTY LTD, AU
[85] 2013-01-03
[86] 2011-06-29 (PCT/US2011/042365)
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[54] **TORQUE TRANSMISSION DRIVER**
[54] **DISPOSITIF D'ENTRAINEMENT A TRANSMISSION DE COUPLE**
[72] LUKES, RICHARD W., US
[71] INFASTECH INTELLECTUAL PROPERTIES PTE. LTD., SG
[85] 2013-01-03
[86] 2011-07-07 (PCT/US2011/043198)
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[25] EN
[54] **GENE SIGNATURES FOR CANCER PROGNOSIS**
[54] **SIGNATURES GENETIQUES UTILISEES POUR LE PRONOSTIC DU CANCER**
[72] STONE, STEVE, US
[72] GUTIN, ALEXANDER, US
[72] WAGNER, SUSANNE, US
[72] REID, JULIA, US
[71] MYRIAD GENETICS, INC., US
[71] STONE, STEVE, US
[71] GUTIN, ALEXANDER, US
[71] WAGNER, SUSANNE, US
[71] REID, JULIA, US
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[25] EN
[54] **GROUND CONTACT SENSING SYSTEMS AND METHODS FOR LOWER-LIMB ORTHOTIC AND PROSTHETIC DEVICES**
[54] **PROCEDES ET SYSTEMES DE DETECTION DE CONTACT AU SOL ET DISPOSITIFS ORTHETIQUES ET PROTHETIQUES DE MEMBRE INFERIEUR**
[72] LANGLOIS, DAVID, CA
[72] LANDRY, DAVID, CA
[72] GILBERT, BENOIT, CA
[71] OSSUR HF, IS
[85] 2013-01-03
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[25] EN
[54] **AUTHENTICATION DEVICE, AUTHENTICATION METHOD, AND PROGRAM**
[54] **DISPOSITIF D'AUTHENTIFICATION, PROCEDE D'AUTHENTIFICATION ET PROGRAMME**
[72] SAKUMOTO, KOICHI, JP
[72] SHIRAI, TAIZO, JP
[72] HIWATARI, HARUNAGA, JP
[71] SONY CORPORATION, JP
[85] 2013-01-03
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[51] **Int.Cl. H03M 13/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING AT LEAST ONE PARAMETER OF AN ERROR-CORRECTING CODE IMPLEMENTED ON TRANSMISSION, CORRESPONDING DEVICE AND COMPUTER PROGRAM**
[54] **PROCEDE DE DETERMINATION D'AU MOINS UN PARAMETRE D'UN CODE CORRECTEUR D'ERREURS MIS EN UVRE EN EMISSION, DISPOSITIF ET PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[72] GAUTIER, ROLAND, FR
[72] RANNOU, ERIC, FR
[72] MARAZIN, MELANIE, FR
[72] BUREL, GILLES, FR
[71] UNIVERSITE DE BRETAGNE OCCIDENTALE, FR
[85] 2013-01-04
[86] 2011-07-06 (PCT/EP2011/061444)
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[30] FR (10/02833) 2010-07-06

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 39/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **LIPOSOMES WITH LIPIDS HAVING AN ADVANTAGEOUS PKA-VALUE FOR RNA DELIVERY**
[54] **LIPOSOMES A LIPIDES AYANT UNE VALEUR DE PKA AVANTAGEUSE POUR LA DELIVRANCE D'ARN**
[72] GEALL, ANDREW, US
[71] NOVARTIS AG, CH
[85] 2013-01-03
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[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **PREFORMED DEFENSE IN PLANTS**
[54] **MOYEN DE DEFENSE PREFORME CHEZ LES VEGETAUX**
[72] MOREL, JEAN-BENOIT, FR
[72] TORNEY, FRANCOIS, FR
[72] LAFARGE, STEPHANE, FR
[71] GENOPLANTE-VALOR, FR
[85] 2013-01-04
[86] 2011-07-08 (PCT/EP2011/061692)
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[13] A1

[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/52 (2006.01)**
[25] EN
[54] **MICROBICIDAL FILTER AND FILTRATION CARTRIDGE INCORPORATING SUCH A FILTER**
[54] **FILTRE MICROBICIDE ET CARTOUCHE FILTRANTE INCORPORANT UN TEL FILTRE**
[72] KADDOUR, STEPHANE, FR
[71] L'INDUSTRIELLE DU PONANT, FR
[85] 2013-01-04
[86] 2011-07-11 (PCT/EP2011/061715)
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[54] **SOIL WORKING TOOL**
[54] **OUTIL DE TRAVAIL DU SOL**
[72] WIDMAIER, HELMUT, DE
[72] SMEETS, FLORIAN, DE
[71] BETEK GMBH & CO. KG, DE
[85] 2013-01-04
[86] 2011-07-12 (PCT/EP2011/061875)
[87] (WO2012/007470)
[30] DE (20 2010 008 085.1) 2010-07-15

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[13] A1

[51] **Int.Cl. A42B 3/14 (2006.01) A42B 3/16 (2006.01)**
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[54] **PROTECTIVE HELMET, IN PARTICULAR FOR FORESTRY WORKERS**
[54] **CASQUE DE PROTECTION DESTINE NOTAMMENT A DES OUVRIERS FORESTIERS**
[72] PFANNER, ANTON, AT
[72] GREBER, MARTIN, AT
[71] PFANNER, ANTON, AT
[85] 2013-01-04
[86] 2011-07-12 (PCT/EP2011/061879)
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[25] EN
[54] **PROTEINS RELATED TO THE SUPPRESSION OF PHYTOPHTHORA INFECTIONS IN MEMBERS OF THE SOLANACEAE FAMILY**
[54] **PROTEINES LIEES A LA SUPPRESSION D'INFECTIONS PAR PHYTOPHTHORA CHEZ DES ELEMENTS DE LA FAMILLE DES SOLANACEES**
[72] WANG-PRUSKI, GEFU, CA
[72] LIM, SANGHYUN, CA
[72] BORZA, TUDOR CRISTIAN, CA
[72] SCHOFIELD, REX ANDREW, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MI, CA
[85] 2013-01-07
[86] 2011-07-07 (PCT/CA2011/000770)
[87] (WO2012/003575)
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[54] **KELOID TREATMENT**
[54] **TRAITEMENT DE LA CHELOIDE**
[72] OBAYAN, ADEBOLA O.E., CA
[72] SINGH, SANJEEV, CA
[72] YUZDEPSKI, BRENDA COLLEN JOYCE, CA
[71] ADE THERAPEUTICS, INC., CA
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[54] **ROAD SAFETY BARRIER**
[54] **BARRIERE DE SECURITE ROUTIERE**
[72] TONKS, MARK, GB
[72] HARRIMAN, MATTHEW, GB
[72] WELLS, STEVE, US
[71] HILL & SMITH LIMITED, GB
[85] 2013-01-04
[86] 2011-06-29 (PCT/GB2011/000977)
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[30] GB (1011265.4) 2010-07-05

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[51] **Int.Cl. G01N 27/22 (2006.01)**
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[54] **CAPACITANCE ELECTRODE STRUCTURE FOR MEASURING MOISTURE**
[54] **STRUCTURE D'ELECTRODES CAPACITIVE POUR LA MESURE DE L'HUMIDITE**
[72] SAMMARTINI, MARCO, CH
[71] BRY-AIR PROKON SAGL, CH
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[87] (WO2012/004621)

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[51] **Int.Cl. B42D 15/10 (2006.01)**
[25] EN
[54] **SECURITY DOCUMENT WITH HOLOGRAPHIC FOIL AND PRINTED MACHINE-READABLE MARKINGS**
[54] **DOCUMENT DE SECURITE A FEUILLE HOLOGRAPHIQUE ET MARQUES IMPRIMEES LISIBLES PAR MACHINE**
[72] EICHENBERGER, MARTIN, CH
[72] WIERMER, HENDRIK, CH
[71] ORELL FUSSLI SICHERHEITSDRUCK AG, CH
[85] 2013-01-07
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[13] A1

[51] **Int.Cl. H04J 3/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND DEVICE FOR TRANSMITTING SYNCHRONOUS DIGITAL HIERARCHY SIGNALS THROUGH MICROWAVE**
[54] **PROCEDE, SYSTEME ET DISPOSITIF POUR TRANSMETTRE DES SIGNAUX DE HIERARCHIE NUMERIQUE SYNCHRONE PAR MICRO-ONDES**
[72] LUO, XIN, CN
[72] ZHANG, YIHUA, CN
[72] TU, YONGJUN, CN
[72] HU, ZHENGCHAO, CN
[72] QI, KAI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-01-07
[86] 2010-08-10 (PCT/CN2010/075855)
[87] (WO2011/085587)

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[51] **Int.Cl. F16L 55/10 (2006.01)**
[25] EN
[54] **SEALING DEVICE FOR CONNECTING TWO PIPES**
[54] **DISPOSITIF D'ETANCHEITE POUR RACCORDER ENTRE EUX DEUX TUYAUX**
[72] LEGENDRE, CHRISTOPHE, FR
[71] ELECTRICITE DE FRANCE, FR
[85] 2013-01-04
[86] 2010-07-07 (PCT/IB2010/002033)
[87] (WO2012/004623)

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[13] A1

[51] **Int.Cl. C07C 1/04 (2006.01) C10L 3/08 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A METHANE-CONTAINING GAS FROM SYNGAS AND A PLANT FOR CARRYING OUT THE METHOD**
[54] **PROCEDE POUR LA PREPARATION D'UN GAZ CONTENANT DU METHANE A PARTIR D'UN GAZ DE SYNTHESE AINSI QU'INSTALLATION DE PRODUCTION DE METHANE POUR LA REALISATION DU PROCEDE**
[72] MENZEL, JOHANNES, DE
[72] THIELERT, HOLGER, DE
[71] THYSSENKRUPP UHDE GMBH, DE
[85] 2013-01-07
[86] 2011-07-12 (PCT/EP2011/061893)
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[30] DE (10 2010 032 528.7) 2010-07-28

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[25] EN
[54] **SOLID-STATE INDUCTIVE CONVERTER**
[54] **CONVERTISSEUR INDUCTIF A SEMI-CONDUCTEUR**
[72] CARLUCCI, GIACOMO, IT
[71] TUBEL SRL, IT
[85] 2013-01-04
[86] 2009-07-06 (PCT/IT2009/000296)
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[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **A PLANT HEAT-RESISTANCE GENE JAZ5A AND USE THEREOF**
[54] **GENE JAZ5A DE RESISTANCE A LA CHALEUR DE PLANTE ET UTILISATION ASSOCIEE**
[72] HE, YU-KE, CN
[72] SUN, CHUAN-BAO, CN
[71] SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, CHINESE ACADEMY OF SCIENCES, CN
[85] 2013-01-04
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[30] CN (201010222842.3) 2010-07-08

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **3-D GENOMIC REGION OF INTEREST SEQUENCING STRATEGIES**
[54] **STRATEGIES DE SEQUENCAGE DE LA REGION GENOMIQUE D'INTERET V3-D**
[72] DE LAAT, WOUTER LEONARD, NL
[72] VAN MIN, MAX JAN, NL
[71] CERGENTIS B.V., NL
[71] KONINKLIJKE ACADEMIE VAN WETENSCHAPPEN, NL
[85] 2013-01-04
[86] 2011-07-08 (PCT/NL2011/050504)
[87] (WO2012/005595)
[30] US (61/362,778) 2010-07-09

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[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) G06F 9/46 (2006.01) H04L 12/28 (2006.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DEVICE COMMUNICATION**
[54] **DISPOSITIF DE COMMUNICATION**
[72] NIEMI, SAMI, SE
[72] ASTUDILLO, MANUEL, SE
[71] MOBILE IMAGING IN SWEDEN AB, SE
[85] 2013-01-04
[86] 2011-05-31 (PCT/SE2011/050678)
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[25] EN
[54] **INDIRECT DEVICE COMMUNICATION**
[54] **COMMUNICATION INDIRECTE ENTRE DES DISPOSITIFS**
[72] NIEMI, SAMI, SE
[71] MOBILE IMAGING IN SWEDEN AB, SE
[85] 2013-01-04
[86] 2011-06-28 (PCT/SE2011/050855)
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[30] EP (10168922.2) 2010-07-08

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[51] **Int.Cl. A61B 19/02 (2006.01) A61B 17/32 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SHARPS CONTAINER**
[54] **CONTENANT POUR OBJETS TRANCHANTS**
[72] HOONG, SIM LEE, SG
[72] NEVILLE, CHIA, SG
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2013-01-04
[86] 2010-07-06 (PCT/SG2010/000254)
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[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **MOBILE DIRECTORY NUMBER AND EMAIL VERIFICATION OF FINANCIAL TRANSACTIONS**
[54] **VERIFICATION PAR NUMERO D'APPEL MOBILE ET COURRIER ELECTRONIQUE DE TRANSACTIONS FINANCIERES**
[72] SNYDER, RANDALL A., US
[72] BUHRMANN, MICHAEL F., US
[72] GINTER, THOMAS S., US
[71] FINSPHERE CORPORATION, US
[85] 2013-01-04
[86] 2010-07-07 (PCT/US2010/041264)
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[30] US (61/223,671) 2009-07-07
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[25] EN
[54] **STARTING SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE DEMARRAGE POUR MOTEUR A COMBUSTION INTERNE**
[72] PAYNE, JOHN, US
[72] ACUNA, TRAVIS, US
[72] PIENKA, MATT, US
[71] MTD PRODUCTS INC., US
[85] 2013-01-04
[86] 2011-07-28 (PCT/US2011/001329)
[87] (WO2012/015477)
[30] US (61/368,753) 2010-07-29

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[51] **Int.Cl. G01L 13/00 (2006.01) G01L 15/00 (2006.01) G01L 27/00 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE TRANSMITTER WITH COMPLIMENTARY DUAL ABSOLUTE PRESSURE SENSORS**
[54] **TRANSMETTEUR DE PRESSION DIFFERENTIELLE AVEC DOUBLES CAPTEURS COMPLEMENTAIRES DE PRESSION ABSOLUE**
[72] BRODEN, DAVID A., US
[72] HEDTKE, ROBERT C., US
[72] KLOSINSKI, ANDREW J., US
[72] SITTLER, FRED C., US
[71] ROSEMOUNT INC., US
[85] 2013-01-04
[86] 2011-06-01 (PCT/US2011/038692)
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[30] US (12/834,245) 2010-07-12

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[51] **Int.Cl. E06C 1/22 (2006.01) E06C 1/12 (2006.01)**
[25] EN
[54] **AN IMPROVED COLLAPSIBLE LADDER**
[54] **MODELE AMELIORE D'ECHELLE TELESCOPIQUE**
[72] HOLMBERG, MARCUS, SE
[71] TELESTEPS AB, SE
[85] 2013-01-04
[86] 2011-07-07 (PCT/EP2011/061481)
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[30] SE (1050754-9) 2010-07-08

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p style="text-align: right;">[21] 2,798,617 [13] A1</p> <p>[51] Int.Cl. H04W 4/12 (2009.01) H04W 4/18 (2009.01)</p> <p>[25] EN</p> <p>[54] DISPLAY OF SECURE MESSAGES ON A MOBILE COMMUNICATION DEVICE</p> <p>[54] AFFICHAGE DE MESSAGES PROTEGES SUR UN DISPOSITIF DE COMMUNICATION MOBILE</p> <p>[72] ADAMS, NEIL P., CA</p> <p>[72] BROWN, MICHAEL S., CA</p> <p>[72] LITTLE, HERBERT A., CA</p> <p>[72] BROWN, MICHAEL K., CA</p> <p>[71] RESEARCH IN MOTION LIMITED, CA</p> <p>[22] 2005-11-30</p> <p>[41] 2007-05-30</p> <p>[62] 2,528,525</p>	<p style="text-align: right;">[21] 2,800,988 [13] A1</p> <p>[51] Int.Cl. E03D 3/02 (2006.01) E03D 3/06 (2006.01) F16K 17/20 (2006.01)</p> <p>[25] EN</p> <p>[54] CONTROL STOP AND FLUSHING SYSTEM</p> <p>[54] SYSTEME DE CONTROLE D'ARRET ET DE VIDANGE</p> <p>[72] JOHNSON, DWIGHT N., US</p> <p>[71] SLOAN VALVE COMPANY, US</p> <p>[22] 2007-05-31</p> <p>[41] 2007-12-13</p> <p>[62] 2,653,965</p> <p>[30] US (11/445,399) 2006-06-01</p>	<p style="text-align: right;">[21] 2,801,743 [13] A1</p> <p>[51] Int.Cl. A62B 1/16 (2006.01) A62B 1/14 (2006.01) A62B 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] EMERGENCY DESCENT CONTROL DEVICE</p> <p>[54] DISPOSITIF DE COMMANDE DE DESCENTE D'URGENCE</p> <p>[72] SIMARD, MARCO, CA</p> <p>[72] LANDRY, DANIEL, CA</p> <p>[71] NOUVELLE HAUTEUR INC., CA</p> <p>[71] SELF RESCUE INC., CA</p> <p>[22] 2008-09-08</p> <p>[41] 2009-03-14</p> <p>[62] 2,639,425</p> <p>[30] US (60/972,278) 2007-09-14</p> <p>[30] US (61/030,404) 2008-02-21</p>
<p style="text-align: right;">[21] 2,800,395 [13] A1</p> <p>[51] Int.Cl. H04B 10/27 (2013.01)</p> <p>[25] EN</p> <p>[54] CONVERTING BETWEEN SIGNALING FORMATS IN AN OPTICAL VIRTUAL PRIVATE NETWORK (OVPN)</p> <p>[54] CONVERSION ENTRE FORMATS DE SIGNALISATION DE RESEAU OPTIQUE PRIVE VIRTUEL</p> <p>[72] MISAWA, AKIRA, JP</p> <p>[72] OKAMOTO, SATORU, JP</p> <p>[72] KATAYAMA, MASARU, JP</p> <p>[72] YAMANAKA, NAOAKI, JP</p> <p>[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP</p> <p>[22] 2003-12-04</p> <p>[41] 2004-06-06</p> <p>[62] 2,452,280</p> <p>[30] JP (2002-355379) 2002-12-06</p> <p>[30] JP (2002-355397) 2002-12-06</p> <p>[30] JP (2002-355418) 2002-12-06</p> <p>[30] JP (2002-355437) 2002-12-06</p> <p>[30] JP (2002-355453) 2002-12-06</p> <p>[30] JP (2002-355464) 2002-12-06</p> <p>[30] JP (2002-355485) 2002-12-06</p> <p>[30] JP (2002-355498) 2002-12-06</p>	<p style="text-align: right;">[21] 2,801,136 [13] A1</p> <p>[51] Int.Cl. H04N 21/462 (2011.01) H04N 21/4147 (2011.01) H04N 21/454 (2011.01) H04N 21/4627 (2011.01) H04N 21/472 (2011.01) H04N 21/482 (2011.01)</p> <p>[25] EN</p> <p>[54] INTERACTIVE PROGRAM GUIDE WITH CONTINUOUS DATA STREAM AND CLIENT-SERVER DATA SUPPLEMENTATION</p> <p>[54] GUIDE DE PROGRAMME INTERACTIF AVEC FLUX D'INFORMATIONS CONTINUT COMPLEMENT D'INFORMATIONS CLIENTS-SERVEURS</p> <p>[72] HASSELL, JOEL G., US</p> <p>[72] THOMAS, WILLIAM L., US</p> <p>[72] ELLIS, MICHAEL D., US</p> <p>[71] UNITED VIDEO PROPERTIES, INC., US</p> <p>[22] 1999-10-29</p> <p>[41] 2000-05-11</p> <p>[62] 2,349,350</p> <p>[30] US (60/106,714) 1998-11-02</p> <p>[30] US (60/109,140) 1998-11-20</p> <p>[30] US (09/332,625) 1999-06-11</p>	<p style="text-align: right;">[21] 2,801,911 [13] A1</p> <p>[51] Int.Cl. C07K 16/18 (2006.01) G01N 33/543 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01) C07K 16/28 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTIBODY AGAINST SECRETED N-TERMINAL PEPTIDE OF GPC3 PRESENT IN BLOOD</p> <p>[54] ANTICORP CONTRE LE PEPTIDE DE L'EXTREMITE N-TERMINALE SECRETE DE GPC3 PRESENT DANS LE SANG</p> <p>[72] ABURATANI, HIROYUKI, JP</p> <p>[72] MIDORIKAWA, YUTAKA, JP</p> <p>[72] NAKANO, KIYOTAKA, JP</p> <p>[72] OHIZUMI, IWAO, JP</p> <p>[72] ITO, YUKIO, JP</p> <p>[72] TOKITA, SUSUMU, JP</p> <p>[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP</p> <p>[22] 2003-09-04</p> <p>[41] 2004-03-18</p> <p>[62] 2,497,744</p> <p>[30] JP (PCT/JP02/08999) 2002-09-04</p>

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,802,359**
[13] A1

[51] **Int.Cl. G01N 5/04 (2006.01)**
[25] EN
[54] **PAYOUT-GLIDE-FLAKEOFF APPARATUS FOR CHARACTERIZING DEODORANT AND ANTIPERSPIRANT STICKS**

[54] **APPAREIL PERMETTANT DE DETERMINER DES CARACTERISTIQUES DE DISTRIBUTION, DE GLISSEMENT ET D'ECAILLAGE DE BATONS DEODORANTS ET ANTI-TRANSPIRANTS**

[72] ROUSE, JOHN P., US
[72] FAN, AIXING, US
[71] COLGATE-PALMOLIVE COMPANY, US

[22] 2008-01-24
[41] 2009-04-09
[62] 2,691,838
[30] US (60/976,527) 2007-10-01
[30] US (61/015,852) 2007-12-21
[30] US (11/971,978) 2008-01-10

[21] **2,802,600**
[13] A1

[51] **Int.Cl. A61K 31/496 (2006.01) A61P 15/00 (2006.01) C07D 235/26 (2006.01)**

[25] EN
[54] **USE OF FLIBANSERIN IN THE TREATMENT OF FEMALE SEXUAL DISORDERS**

[54] **UTILISATION DE LA FLIBANSERINE DANS LE TRAITEMENT DES TROUBLES SEXUELS FEMININS**

[72] PYKE, ROBERT, US
[71] SPROUT PHARMACEUTICALS, INC., US

[22] 2005-04-18
[41] 2005-11-03
[62] 2,563,167
[30] US (60/564,660) 2004-04-22

[21] **2,802,839**
[13] A1

[51] **Int.Cl. E03C 1/05 (2006.01) B05B 12/00 (2006.01) F16K 21/00 (2006.01) F16K 31/02 (2006.01) G01S 17/02 (2006.01) G01S 17/06 (2006.01) G01S 17/08 (2006.01)**

[25] EN
[54] **POSITION-SENSING DETECTOR ARRANGEMENT FOR CONTROLLING A FAUCET**

[54] **DETECTEUR DE POSITION POUR COMMANDE DE ROBINET**

[72] RODENBECK, ROBERT W., US
[72] STOHLER, SPENCER LEE, US
[72] BURKE, DAVID M., US
[71] MASCO CORPORATION OF INDIANA, US

[22] 2006-01-06
[41] 2006-09-14
[62] 2,532,528
[30] US (60/661,982) 2005-03-14
[30] US (11/326,989) 2006-01-05

[21] **2,802,841**
[13] A1

[51] **Int.Cl. C09K 8/70 (2006.01) C09K 8/64 (2006.01)**

[25] EN
[54] **CROSSLINKING COMPOSITION FOR FRACTURING FLUIDS**

[54] **COMPOSITION DE RETICULATION POUR FLUIDES DE FRACTURATION**

[72] LAWRENCE, SALLY, CA
[72] WARRENDER, NEIL, CA
[71] SANJEL CORPORATION, CA

[22] 2007-08-20
[41] 2009-02-20
[62] 2,598,147

[21] **2,802,892**
[13] A1

[51] **Int.Cl. A61K 31/232 (2006.01) A61P 9/10 (2006.01)**

[25] EN
[54] **COMPOSITION FOR PREVENTING RECURRENCE OF STROKE**

[54] **COMPOSITION POUR LA PREVENTION DE LA RECURRENCE D'UN ACCIDENT VASCULAIRE CEREBRAL**

[72] YOKOYAMA, MITSUHIRO, JP
[72] ORIGASA, HIDEKI, JP
[72] MATSUZAKI, MASUNORI, JP
[72] MATSUZAWA, YUJI, JP
[72] SAITO, YASUSHI, JP
[71] MOCHIDA PHARMACEUTICAL CO. LTD., JP

[22] 2006-07-14
[41] 2007-08-07
[62] 2,571,462
[30] JP (2006-29954) 2006-02-07

[21] **2,802,901**
[13] A1

[51] **Int.Cl. G01F 11/06 (2006.01)**

[25] EN
[54] **HYDRAULIC METERING DEVICE**

[54] **COMPTEUR HYDRAULIQUE**

[72] GRUETT, DONALD G., US
[72] WECH, MICHAEL J., US
[71] OIL-RITE CORPORATION, US

[22] 2004-02-12
[41] 2005-03-17
[62] 2,457,472
[30] US (10/664,094) 2003-09-17

[21] **2,802,907**
[13] A1

[51] **Int.Cl. B62D 35/00 (2006.01) B60R 13/00 (2006.01) B62D 37/02 (2006.01) B62D 53/06 (2006.01) B62D 63/08 (2006.01)**

[25] EN
[54] **AERODYNAMIC SKIRT**

[54] **ELEMENT RESILIENT DE JUPE AERODYNAMIQUE**

[72] BOIVIN, MATHIEU, CA
[72] DESJARDINS, PHILIPPE, CA
[72] DESJARDINS, MATHIEU, CA
[71] TRANSTEX COMPOSITES INC., CA

[22] 2009-01-27
[41] 2009-07-29
[62] 2,668,323
[30] US (61/024,217) 2008-01-29

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[21] **2,802,984**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/713 (2006.01) A61K 38/22 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **USE OF EPH-B4 AND EPHRIN-A1 FOR PREDICTING NEGATIVE PHYSIOLOGICAL RESPONSE TO THE TREATMENT WITH ERYTHROPOIETIN**

[54] **NOUVEAU RECEPTEUR D'ERYTHROPOIETINE PROTECTEUR DE TISSU (NEPOR) ET PROCEDES D'UTILISATION**

[72] JACKSON, DAVID B., DE
[72] STEIN, MARTIN, DE
[72] VOSS, HARTMUT, DE
[72] BROCK, STEPHAN, DE
[72] DANES, CHRISTOPHER G., US
[72] SOOD, ANIL, US
[71] MOLECULAR HEALTH GMBH, DE
[22] 2008-11-28
[41] 2009-06-04
[62] 2,706,994
[30] US (60/991,042) 2007-11-29

[21] **2,803,111**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **NOVEL FORMULATIONS WHICH STABILIZE AND INHIBIT PRECIPITATION OF IMMUNOGENIC COMPOSITIONS**

[54] **NOUVELLES FORMULATIONS STABILISANT ET INHIBANT LA PRECIPITATION DE COMPOSITIONS IMMUNOGENES**

[72] KHANDKE, LAKSHMI, US
[72] CHEN, YING, US
[72] HAN, HANYOUNG, US
[72] SEID, ROBERT CHANCEY, JR., US
[72] JIN, ZHAOWEI, US
[72] LOOK, JEE LOON, US
[72] MALONE, RONALD, US
[72] YANG, XUDONG, US
[71] WYETH, US
[22] 2007-04-19
[41] 2007-11-08
[62] 2,650,056
[30] US (60/795,261) 2006-04-26

[21] **2,803,741**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 17/06 (2006.01)**

[25] EN

[54] **TREATMENT OF TNF.ALPHA. RELATED DISORDERS**

[54] **TRAITEMENT DE TROUBLES EN RELATION AVEC LE TNF.ALPHA.**

[72] BANERJEE, SUBHASHIS, US
[72] TAYLOR, LORI K., US
[72] SPIEGLER, CLIVE E., US
[72] TRACEY, DANIEL EDWARD, US
[72] CHARTASH, ELLIOT KEITH, US
[72] HOFFMAN, REBECCA S., US
[72] BARCHUCK, WILLIAM T., US
[72] YAN, PHILIP, US
[72] MURTAZA, ANWAR, US
[72] SALFELD, JOCHEN G., US
[72] FISCHKOFF, STEVEN, US
[71] ABBOTT BIOTECHNOLOGY LTD., BM
[22] 2003-07-18
[41] 2004-01-29
[62] 2,493,067
[30] US (60/397,275) 2002-07-19
[30] US (60/411,081) 2002-09-16
[30] US (60/417,490) 2002-10-10
[30] US (61/455,777) 2003-03-18

[21] **2,803,077**
[13] A1

[51] **Int.Cl. E01C 5/00 (2006.01) B32B 13/00 (2006.01) B44F 9/04 (2006.01) E04F 13/14 (2006.01) E04F 15/08 (2006.01) C04B 32/00 (2006.01)**

[25] EN

[54] **SET OF ARTIFICIAL FLAGSTONES**

[54] **ENSEMBLE DE DALLES ARTIFICIELLES**

[72] CASTONGUAY, BERTIN, CA
[72] DAOUST, ROBERT, CA
[71] LES MATERIAUX DE CONSTRUCTION OLDCASTLE CANADA, INC., CA
[22] 2008-09-16
[41] 2009-03-26
[62] 2,693,998
[30] US (60/974,274) 2007-09-21

[21] **2,803,214**
[13] A1

[51] **Int.Cl. C08J 9/18 (2006.01) C08J 9/08 (2006.01) C08J 9/14 (2006.01)**

[25] EN

[54] **EXPANDED AND EXTRUDED THERMOPLASTIC FOAMS MADE WITH METHYL FORMATE-BASED BLOWING AGENTS**

[54] **MOUSSES THERMOPLASTIQUES EXPANSEES ET EXTRUDEES OBTENUES AVEC DES AGENTS DE SOUFFLAGE UTILISANT UN FORMATE DE METHYLE**

[72] HANDA, YASH PAUL, US
[71] PACTIV CORPORATION, US
[22] 2005-09-01
[41] 2006-03-16
[62] 2,579,366
[30] US (10/934,832) 2004-09-03
[30] US (11/016,312) 2004-12-17
[30] US (11/122,158) 2005-05-03
[30] US (11/151,814) 2005-06-13

[21] **2,803,766**
[13] A1

[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/60 (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] 2,746,498
[30] GB (0903679.9) 2009-03-04

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,803,922**

[13] A1

[51] **Int.Cl. A61K 31/65 (2006.01) A61K
9/00 (2006.01)**

[25] EN

[54] **ONCE DAILY FORMULATIONS
OF TETRACYCLINES**

[54] **FORMULATIONS DE
TETRACYCLINES EN DOSE
QUOTIDIENNE UNIQUE**

[72] CHANG, RONG-KUN, US

[72] RAOUFINIA, ARASH, US

[72] SHAH, NIRAJ, US

[71] SUPERNUS PHARMACEUTICALS,
INC., US

[22] 2004-04-07

[41] 2004-10-28

[62] 2,521,885

[30] US (60/460,963) 2003-04-07

[30] US (60/547,964) 2004-02-26

[21] **2,803,995**

[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K
31/7088 (2006.01) C12N 1/21
(2006.01) C12N 15/63 (2006.01) C12N
15/87 (2006.01)**

[25] EN

[54] **DELIVERING FUNCTIONAL
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INTACT MINICELLS**

[54] **ADMINISTRATION D'ACIDES
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[72] BRAHMBHATT, HIMANSHU, US

[72] MACDIARMID, JENNIFER, US

[71] ENGENEIC MOLECULAR
DELIVERY PTY LTD., AU

[22] 2005-08-25

[41] 2006-03-02

[62] 2,577,938

[30] US (60/604,433) 2004-08-26

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ATLAS COPCO CRAELIUS AB	2,571,595	AGRICULTURAL AND		MIGUEL	2,350,335
AVERBUCH, ROD N.	2,719,685	MECHANICAL COLLEGE	2,632,013	CARLE, GABI	2,728,885
AYERS, SCOTT	2,695,048	BOCKING, ANDREW D.	2,551,596	CARN, CLAYTON	2,565,352
BACARELLA, ANTONIO V.	2,509,474	BODEPUDI, VEERAIHAH	2,530,785	CARNEMOLLA, BARBARA	2,536,256
BAKER JR., CLARK R.	2,557,950	BODET, HERVE	2,669,073	CARO, COLIN GERALD	2,519,011
BAKER, WILLIAM	2,564,546	BOEHRINGER INGELHEIM		CARSON, CHRISTOPHER P.	2,571,322
BALES, THOMAS O.	2,577,962	INTERNATIONAL GMBH	2,327,586	CARTER, MATTHEW P.	2,662,451

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CASPERS, CARL A.	2,501,488	DAHMEN, PETER	2,541,646	DUBUIS, STEPHANE	2,679,991
CASSEL, SCOTT T.	2,544,182	DAIICHI SANKYO COMPANY, LIMITED	2,608,468	DUNKEL, RALF	2,541,646
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CASTILLO, DAVID A.	2,695,593	DALE, RODERIC M. K.	2,358,570	DUQUENNOY, PHILIPPE	2,636,627
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CAVLOVICH, ROBERT	2,676,734	DARBOIS, MATTHIEU	2,636,627	DYSON TECHNOLOGY LIMITED	2,609,935
CERTICOM CORPORATION	2,510,366	DAUNIS, EUGENE J.	2,667,258	DYSON TECHNOLOGY LIMITED	2,617,081
CETNAR, ROMAN	2,576,211	DAVIDSON, COLIN CHARNOCK	2,486,325	DYSON TECHNOLOGY LIMITED	2,617,116
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CHAN, JULIAN V.	2,589,888	DE VOS, GERRIT JOHANNIS	2,672,731	DYSON, JAMES	2,617,116
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CHIRGADZE, DIMITRY YURIEVICH	2,440,775	DEPUY MITEK, INC.	2,504,408	ELECTROTEMP TECHNOLOGIES INC.	2,576,206
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CISCO TECHNOLOGY, INC.	2,495,673	DHARMA IP, LLC	2,697,277	ETHICON ENDO-SURGERY, INC.	2,513,479
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CNOTA, PETER JUERGEN	2,551,780	DINKEL, THOMAS	2,638,195	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,490,415
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CORCEPT THERAPEUTICS, INC.	2,572,544	DOSATRON INTERNATIONAL	2,636,627	FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC	2,733,125
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SYKA, JOHN E. P.	2,575,393	THO, CHENG-HO	2,702,547	VIEGAS, TACEY X.	2,537,336
SYNGENTA PARTICIPATIONS AG	2,572,896	THOMAS & BETTS INTERNATIONAL, INC.	2,712,771	VILLAGRAN, MARIA DOLORES MARTINEZ- SERVA	2,644,501
SYNTHEUS USA, LLC	2,584,125	THOMAS, OLIVIER	2,746,706	VILLETTI, GINO	2,576,009
SZELENYI, ISTVAN	2,550,848	THOMPSON, ROBERT J.	2,686,086	VILLIER, ALAIN	2,532,176
SZELENYI, ISTVAN	2,551,780			VIROX TECHNOLOGIES INC.	2,454,437
SZENT-GYORGYI, CHRISTOPHER	2,324,648			VITE, GREGORY D.	2,655,668
TABAKOVIC, RIFAT	2,558,634			VLAHOV, IONTCHO R.	2,655,668
				VOGHELL, MARK LOUIS PHILIP	2,646,968
				VON HOFF, DANIEL D.	2,542,076
				VONK, WILLEM C.	2,669,383

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WACHSMANN, RALF	2,743,400	YOSHIMURA, HAJIME	2,741,215
WADA, SUNAO	2,610,579	YOSHIMURA, HAJIME	2,741,385
WADDELL, RAYMOND J.	2,739,583	YOUNG, MATTHEW	2,537,297
WALTER, HARALD	2,572,896	YOUNG, ROBERT	2,718,649
WANG, CHUN-CHIANG	2,699,232	YUI, GEORGE	2,576,206
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WARNER, STEVEN L.	2,542,076	ZABAWSKI, HENRICK A.	2,683,406
WARREN, TOMMY M.	2,725,202	ZANDER, NILS	2,698,975
WATANABE, YASUHIRO	2,728,953	ZAPATA, OSCAR	2,711,468
WATKINS, NICHOLAS V.	2,519,011	ZARDI, LUCIANO	2,536,256
WATTENBARGER, ROBERT CHICK	2,707,283	ZERIA PHARMACEUTICAL CO., LTD.	2,481,916
WAYNE STATE UNIVERSITY	2,632,013	ZHANG, FENGLEI	2,523,426
WEATHERFORD/LAMB, INC.	2,696,583	ZHANG, JIANZHONG	2,534,682
WEBB, STEPHEN G.	2,631,357	ZHAO, XUAN	2,537,336
WEBER, URS	2,698,975	ZHOLKOVSKY, MARINA	2,727,899
WEIGHT, RYAN M.	2,656,504	ZHOU HONGYING	2,721,344
WEISS, JAMES D.	2,369,844	ZHUO, JINCONG	2,523,426
WELTON, THOMAS D.	2,720,783	ZIEGLER, CHRISTINA	2,493,406
WENDENBURG, REGINA	2,342,115	ZIMBRIC, LUKE BENJAMIN	2,600,665
WERNER, HELGE	2,520,286	ZIMMER, JOHN	2,578,866
WEYERHAEUSER NR COMPANY	2,712,811	ZIMMER, VOLKER	2,558,086
WHEELER, DAVID WALTER	2,674,837	ZINN, RONALD SCOTTE	2,551,596
WHEELER, DAVID WALTER	2,674,885		
WHITE, WILLIAM ROBERT JAMES	2,574,689		
WHITMAN, NEIL R.	2,729,005		
WHITNEY, JOHN SCOTT	2,495,673		
WIGGERSHAUS, STEFAN	2,663,244		
WILDGOOSE, JASON LEE	2,651,362		
WILKE, DAVID J.	2,595,769		
WILL, STEPHEN G.	2,530,785		
WILLIAMS, BARBARA KAY	2,612,095		
WILLIAMS, KAREN	2,572,544		
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WINTER, DAN	2,528,401		
WIRTANEN, JEFF	2,666,318		
WITTELER, HELMUT	2,572,311		
WM. WRIGLEY JR. COMPANY	2,667,910		
WOLFGANG, ARNDT	2,396,655		
WOOCK, RODNEY W.	2,729,005		
WOODWELDING SA	2,698,975		
WRONSKI, GRZEGORZ	2,502,637		
WYNN, DAVID W.	2,543,497		
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XU, MEIZHONG	2,523,426		
XU, PATRICK	2,510,366		
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YAMADA, TSUYOSHI	2,542,035		
YAMADA, YUKIHIRO	2,744,989		
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ALSTOM HYDRO FRANCE	2,785,386	CNH AMERICA LLC	2,774,065	GENERAL ELECTRIC COMPANY	2,784,548
ALVES, KASIDY	2,786,184	COMCAST CABLE COMMUNICATIONS, LLC	2,781,422	GENERAL ELECTRIC COMPANY	2,784,660
AMERICAN SLING AND LIFT COMPANY, LLC	2,785,275	CORCORAN, CASEY C.	2,786,098	GENERAL ELECTRIC COMPANY	2,785,156
ARBEITER, UDO	2,751,932	CORNELISSEN, CHRISTIAN	2,788,415	GENERAL ELECTRIC COMPANY	2,785,367
AYALA, WILLIAM, III	2,783,283	CRUSHPROOF TUBING COMPANY	2,785,426	GENERAL ELECTRIC COMPANY	2,785,370
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BALANNIK, VADIM	2,783,477	DARVEAU, DENIS	2,750,128	GLOBE UNION INDUSTRIAL CORP.	2,749,872
BALK, CODY ALLEN	2,782,887	DARVEAU, DENIS	2,750,139	GLOBE UNION INDUSTRIAL CORP.	2,749,874
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BANDAI CO., LTD.	2,783,464	DIETRICH, DAVE	2,748,754	GRACE, KEVIN D.	2,786,299
BARKER, DAVID	2,783,417	DLUGOS, DANIEL F., JR.	2,786,373	GRATEROL, LEONARDO	2,785,095
BARON, ANDREW	2,749,912	DMC POWER, INC.	2,778,681	GREEN-LIGHTS INC.	2,786,166
BARR, RODNEY	2,785,275	DOWNER, OPAL	2,785,420	GRIFFIN, JASON TYLER	2,782,589
BASTIAN, CHRIS	2,781,422	ECODAYS CO., LTD.	2,771,637	GRIFFIN, JASON TYLER	2,782,590
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BINDICS, CHARLES	2,783,283	EMMRICH-SMOLCZYK, EVA	2,785,206	HAGSHENAS, BEHZAD	2,783,036
BISHOP, GREGORY D.	2,786,373	EMMRICH-SMOLCZYK, EVA	2,785,474	HAMBLÉN, ROGER A.	2,749,924
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BLACK & DECKER INC.	2,785,155	ETHICON ENDO-SURGERY, INC.	2,786,096	HAN, FEI	2,784,660
BLAHA, WILLIAM E.	2,786,053	ETHICON ENDO-SURGERY, INC.	2,786,142	HANDI-FOIL CORPORATION	2,752,297
BN PROGRESSIVE PRODUCTS LTD.	2,748,798	ETHICON ENDO-SURGERY, INC.	2,786,373	HARD KNOCK HELMETS LTD.	2,749,912
BOMBARDIER TRANSPORTATION GMBH	2,784,534	EVONIK GOLDSCHMIDT GMBH	2,785,206	HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH	2,783,265
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BOURBON CORPORATION	2,755,715	EYSTER, CURT R.	2,786,373	HEIDE, BRADLEY TODD	2,749,016
BRAINWAVE RESEARCH CORPORATION	2,785,277	FAN, ZHIGANG	2,785,252	HELIE, NORMAN J.	2,784,898
BRATTON, VINCE G.	2,786,098	FENG, DAVID Q.	2,786,093	HENNING, FRAUKE	2,785,475
BRIDGEPORT FITTINGS, INC.	2,775,262	FENG, DAVID Q.	2,786,142	HERSCOVICI, DAN	2,781,422
BULGIN, SCOTT EDWARD	2,782,358	FERAG AG	2,785,310	HIGGINS, MARK B.	2,786,053
BURRY, AARON M.	2,785,252	FINNEY, BENJAMIN MICHAEL	2,782,887	HIRAYAMA, MASAO	2,755,715
CALKINS, FREDERICK T.	2,782,893	FISCHER, MARTIN	2,783,265	HOFFMAN, CHERISH M.	2,786,103
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CARTER, REX	2,785,554	FRENCH, JOHN DAVID	2,748,750	HOLVERSON, ERIK ALAN	2,782,887
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CHAPLIN, DEREK	2,748,789				
CHAUNCEY, JAMES RUSSELL	2,755,843				
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CIFYILDIZ, SERDAR	2,785,140				

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HUNTER, MATTHEW F.	2,751,899	MARK IV, LLC	2,748,878	PROXENE TOOLS CO., LTD.	2,785,973
HYMEL, JAMES ALLEN	2,784,391	MARTIN, JAMES F.	2,786,093	PSION INC.	2,783,280
HYMEL, JAMES ALLEN	2,784,460	MARTIN, JAMES F.	2,786,096	QUERCIA, GEORGE	2,785,095
IDEAL INDUSTRIES, INC.	2,786,053	MARTIN, JAMES F.	2,786,142	RAILWAY EQUIPMENT COMPANY, INC.	2,787,215
INFANGER, RUDOLF	2,785,310	MARTIN, WILLIS E.	2,785,275	RAMOS, JUAN	2,785,095
INTERTECHNIQUE	2,783,461	MASSEY, JERRY STEVEN	2,784,548	RAPHAEL, JEAN JACQUES	2,749,252
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IRWIN, KENNETH	2,785,551	MATHUR, NARESH	2,783,526	REDEKOPP, DANIEL T.	2,750,120
IVANOV, VLADIMIR	2,783,265	MATSUNO, SHOTARO	2,783,464	REED, CHRISTOPHER	2,785,551
JAMPALA, HEMANT	2,786,142	MCGINN, JOHN DOUGLAS	2,782,358	REED, GEOFFREY	2,783,283
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JONES, ANTHONY C.	2,783,036	MCKEOWN, JEREMY JAMES	2,785,370	REEVES, JAMES WILLIAM	2,782,590
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KHANSA, EYASS	2,778,681	MUELLER, DONN C.	2,786,142	RESEARCH IN MOTION LIMITED	2,783,477
KIFT, JULIAN	2,786,103	MUELLER, MARK ANTHONY	2,784,660	RESEARCH IN MOTION LIMITED	2,784,391
KIFT, JULIAN	2,786,106	MUFF, DAN	2,776,108	RESEARCH IN MOTION LIMITED	2,784,460
KIM, JOHN	2,786,166	NADAR, DEEPAK	2,748,698	RESEARCH IN MOTION LIMITED	2,784,540
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KORUS, THOMAS J.	2,774,717	NEXANS	2,788,415	RESEARCH IN MOTION LIMITED	2,782,589
KOWALD, GLENN W.	2,783,325	NGUYEN, THAO	2,749,842	RESEARCH IN MOTION LIMITED	2,782,590
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LEE, CHUN-LIN	2,748,794	NINTENDO OF AMERICA INC.	2,785,383	SARNOFF, NORTON	2,752,297
LEE, JONG HOON	2,786,206	NOEL, GILLES	2,749,242	SCHAMAN, JOHN P.	2,748,637
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LES LABORATOIRES SERVIER	2,784,853	OKAI, RICARDO NAOKI	2,785,386	SCHIRM, PAYTON	2,785,363
LES PROMOTIONS ATLANTIQUES INC. / ATLANTIC PROMOTIONS INC.	2,749,842	ORTEGA, EDGAR OTICO	2,749,077	SCHIRM, PAYTON	2,785,548
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LETTS, DENNIS	2,762,801	PAN, TZU-MING	2,748,794	SCHMID, MATTHIAS	2,785,386
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MABE, JAMES HENRY	2,782,893	PEGG, ALBERT MURRAY	2,783,043		
MACGILLIVRAY, JEREMY	2,786,166	PEIRCE, MICHAEL	2,785,379		
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SYNAPSE ENGINEERING, INC.	2,748,878	ZHANG, LEI	2,784,540
TAGGART, ANDREA	2,749,077	ZHANG, ZHI	2,749,066
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TEREX USA, LLC	2,785,551		
TEREX USA, LLC	2,785,554		
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THE BOEING COMPANY	2,783,109		
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WANG, SHANWU	2,784,660		
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WEINMANN, HASSO	2,783,461		
WILSON, BOBBY ANTIONE	2,784,548		
WILSON, GREGG	2,750,116		
WILSON, PETER	2,749,230		

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3M INNOVATIVE PROPERTIES COMPANY	2,803,950	AISIN KAKO KABUSHIKI KAISHA	2,803,777	AMO WAVEFRONT SCIENCES LLC	2,803,916
3M INNOVATIVE PROPERTIES COMPANY	2,804,150	AKER MH AS	2,804,088	AMOREPACIFIC CORPORATION	2,804,298
3M INNOVATIVE PROPERTIES COMPANY	2,804,201	AKTAS, BERTAL HUSEYIN	2,803,880	ANDERBERG, JOSEPH	2,804,297
4SC AG	2,804,197	AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,803,650	ANDERS, CHERYL	2,804,036
AALI, ADEL	2,803,595	AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,803,725	ANDERSON, WAYBOURN J., JR	2,803,957
AALNEX, INC.	2,803,595	ALARCO, JOSE ANTONIO	2,804,050	ANDERSSON, HENRIK	2,803,990
AARDVARK IP HOLDING, LLC	2,803,926	ALARCON GARCIA, ALBERTO	2,803,720	ANDERSSON, PAR	2,804,037
AARMONIA CHEMICALS PRIVATE, LTD.	2,803,896	ALBANY MOLECULAR RESEARCH, INC.	2,803,670	ANDRES, HERBERT	2,804,246
ABACUS SOLUTIONS INTERNATIONAL B.V.	2,803,915	ALBERATI, DANIELA	2,803,656	ANDRESEN TOWERS A/S	2,803,945
ABBOTT PRODUCTS OPERATIONS AG	2,804,290	ALBERT EINSTEIN COLLEGE OF MEDECINE OF YESHIVA UNIVERSITY	2,804,029	ANDRESEN, TOM	2,803,945
ABBVIE B.V.	2,804,137	ALBRECHT-KUEPPER, BARBARA	2,803,971	ANGIOCHEM INC.	2,803,646
ABBVIE B.V.	2,804,143	ALCON RESEARCH, LTD.	2,803,877	ANIMAS CORPORATION	2,803,598
ABBVIE B.V.	2,804,329	ALEKSANDROVA, KRASIMIRA LAMBEVA	2,803,894	ANPAC BIO-MEDICAL SCIENCE CO., LTD.	2,803,632
ABELA, JEROME	2,803,491	ALFA LAVAL CORPORATE AB	2,803,776	ANSPAUGH, DOUGLAS D.	2,804,163
ABOU-JAOUDE, KHALIL F.	2,803,855	ALFRED & ALFRED, INC.	2,803,917	AOUAD, YOUSEF GEORGES	2,804,195
ABOYTES, MARIA	2,804,254	ALFREDS, KIM L.	2,803,917	APOS - MEDICAL AND SPORTS TECHNOLOGIES LTD.	2,804,023
ABRAHAM, SANTOSH PAUL	2,804,374	ALI, SYED, A.	2,803,790	APOS - MEDICAL AND SPORTS TECHNOLOGIES LTD.	2,804,252
ABRAHMSSEN, LARS	2,804,002	ALKERMES PHARMA IRELAND LIMITED, INC.	2,804,034	APPLEBY, WILLIAM GUY COXON	2,803,912
ABSOLUTE SOFTWARE CORPORATION	2,804,188	ALLERGAN, INC.	2,803,920	APPLICATION DES GAZ APPLIED NANO SURFACES SWEDEN AB	2,804,158
ABSOLUTE SOFTWARE CORPORATION	2,804,189	ALLERGAN, INC.	2,804,194	ARANGATH, ROBERTO	2,803,790
ABT, INC.	2,803,594	ALLISON TRANSMISSION, INC.	2,804,033	ARBEITHUBER, JOSEF	2,804,328
ACCENTURE GLOBAL SERVICES LIMITED	2,804,230	ALLUM, RONALD CHARLES	2,803,640	ARBITRON MOBILE OY	2,803,661
ACHERON PRODUCT PTY LTD	2,803,640	ALMARRSON, ORN	2,804,034	ARCELORMITTAL INVESTIGACION Y DESARROLLO SL	2,804,320
ACTUANT CORPORATION	2,804,282	ALPHA & OMEGA, INC.	2,804,166	ARIEL, ELIYAHU	2,804,179
ACUNA, TRAVIS	2,804,457	ALTENBUCHNER, JOSEF	2,803,654	ARIZONA BOARD OF REGENTS, A BODY CORPORATE OF THE STATE OF ARIZONA, ACTI NG FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY	2,804,218
ADAMONIS, COREY	2,803,794	ALVIZO, OSCAR	2,803,952	ARJO WIGGINS FINE PAPERS LIMITED	2,804,326
ADAMS RITE MANUFACTURING CO.	2,804,211	ALVIZO, OSCAR	2,803,959	ARKEMA INC.	2,803,843
ADAMS, DEREK	2,804,020	AMARAL, JUAN A.	2,803,923	ARMSTRONG GLOBAL HOLDINGS, INC.	2,804,000
ADETHERAPEUTICS, INC.	2,804,413	AMAZON TECHNOLOGIES INC.	2,803,603	ARRACHID, ABDESSAMAD	2,803,729
ADHAERE PHARAMACEUTICALS, INC.	2,804,387	AMAZON TECHNOLOGIES, INC.	2,804,140	ARSENIEV, LUBOMIR	2,803,894
ADVANTAGE COCHRANE SPORT INC.	2,803,643	AMAZONEN-WERKE H. DREYER GMBH & CO. KG	2,804,283	ARTEAGA, CARLOS L.	2,803,900
AEROVIRONMENT INC.	2,804,250	AMBROSI, MOIRA	2,804,195	ARTHROGEN GMBH	2,803,941
AFFIBODY AB	2,804,002	AMENDT, CHRISTIANE	2,803,665	ARTISTA, HERNANDO	2,803,811
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AGRIVIDA, INC.	2,803,868	AMGEN INC.	2,803,619		
AGUAS, AAMES CRISPIN S.	2,804,264	AMGEN INC.	2,803,620		
AHLBORN, STEFAN	2,804,291	AMGEN INC.	2,803,624		
AIRBUS OPERATIONS SAS	2,803,974	AMGEN INC.			
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ASINVENT LIMITED	2,803,745	BARTEK, ROBERT	2,804,266	BENOIT, MIKE	2,803,952
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ASTUTE MEDICAL, INC.	2,804,297	BASF SE	2,804,376	BERNARDIN, DIDIER	2,803,742
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AUTOCPR, INC.	2,803,829	BAXTER HEALTHCARE S.A.	2,804,030	BINGHAM, DAVID BLAIR	2,804,349
AVINGER, INC.	2,803,992	BAXTER HEALTHCARE S.A.	2,804,275	BINLEY, JAMES	2,803,989
AWAZU, TAKAO	2,804,240	BAXTER INTERNATIONAL		BIO-PHARM SOLUTIONS CO.,	
AWICKRAMA, SHERANI		INC.	2,804,030	LTD.	2,803,825
MANORANJANI	2,804,092	BAXTER INTERNATIONAL		BIOFILM CONTROL	2,803,743
AXIEOS TECHNOLOGIES PTY		INC.	2,804,275	BIOGEN IDEC HEMOPHILIA	
LTD	2,804,383	BAYER INTELLECTUAL		INC.	2,804,274
AYOUBI, AWNI	2,803,645	PORPERTY GMBH	2,803,730	BIOGEN IDEC HEMOPHILIA	
AYOUBI, NATHAN	2,803,645	BAYER INTELLECTUAL		INC.	2,804,280
AYUBA, SHINICHI	2,804,131	PORPERTY GMBH	2,803,971	BIRARI, DILIP RAMDAS	2,803,673
AZAR, LAZARO SALOMON	2,803,867	BAYER INTELLECTUAL		BIRD, BENJAMIN	2,803,933
AZEVAN		PROPERTY GMBH	2,803,688	BISHOP, STEVEN P.	2,804,250
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INC.	2,804,001	PROPERTY GMBH	2,803,690	BITTNER HOFMANN, CARLA	
BABA, TAKESHI	2,804,083	BAYER INTELLECTUAL		XIMENA	2,804,205
BABA, YASUTAKA	2,803,842	PROPERTY GMBH	2,803,695	BIX, GREGORY J.	2,804,154
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BAE, SEUL-A	2,804,307	PROPERTY GMBH	2,803,973	BJOERK, MARIA	2,804,186
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BAGLIONI, PIERO	2,804,195	PROPERTY GMBH	2,804,134	SIMON	2,803,942
BAILEY, MARSHALL		BEARD, RICHARD	2,803,920	BLACKLIDGE EMULSIONS,	
GRAHAM	2,803,674	BEATO, PABLO	2,803,946	INC.	2,804,289
BAILEY, THOMAS F.	2,803,957	BEATO, PABLO	2,804,284	BLACKLIDGE, ROY B.	2,804,289
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INCORPORATED	2,803,837	COMPANY	2,804,454	BLOCK, GERALD J.	2,804,115
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INCORPORATED	2,804,028	BEIJERS, GERARD HENK	2,803,650	BLUESKY SOLUTIONS	
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INCORPORATED	2,804,041	BEL RHLID, RACHID	2,803,461	BLUM, RONALD D.	2,803,600
BAKER, JAMES R., JR.	2,804,149	BEL RHLID, RACHID	2,803,463	BLUMBERG, LAURA COOK	2,804,034
BAKKER, MARTIN LLUIS	2,804,288	BELASH, ALEXANDR		BLYTHE, STEPHEN PATRICK	2,803,678
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BAPTISTA, DARCILIO		BELKIN INTERNATIONAL,		AGRICULTURAL AND	
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HASCHKE, GUIDO	2,804,112	HODAK, MARK	2,804,268	HWANG, SUNG-WOO	2,803,999
HASCHKE, GUIDO	2,804,113	HODAK, MARK	2,804,279	HWB, LLC	2,803,488
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LUO, KUN	2,804,347	MAROUSE, LOIC	2,804,070	MENZEL, JOHANNES	2,804,425
LUO, XIN	2,804,418	MARRON, BRIAN EDWARD	2,804,173	MERCIER, ANNE-GAELLE	2,803,538
LUPIEN, JOHN	2,804,024	MARSDEN, RANDAL J.	2,804,014	MERCK PATENT GMBH	2,803,665
LUSCOMBE, JOHN	2,799,273	MARTEL, DAVID	2,803,949	MERCK PATENT GMBH	2,803,677
LUTTRELL, MIKE	2,803,830	MARTINI, MIRIAM	2,804,335	MERCK PATENT GMBH	2,804,069
LUXEN, SYLVIA	2,804,242	MARTOS, JOSE L.	2,804,194	MERCK PATENT GMBH	2,804,079
LYONS, NICHOLAS J.	2,803,831	MASCIS, CHRISTOPHER	2,804,020	MERCK PATENT GMBH	2,804,285
M-I DRILLING FLUIDS		MASEREEL, BERNARD	2,803,697	MERCUTEK LLC	2,803,662
CANADA, INC.	2,804,232	MASTERMAN, THOMAS	2,804,307	MERCUTEK LLC	2,803,691
M-I L.L.C.	2,804,172	MASUKO, SOH	2,803,861	MERLIN, SIMONE	2,804,374
MA, JIJUN	2,804,056	MATA, VINCENT	2,803,845	MERMUT, OZZY	2,803,827
MACCORMICK, SOMHAIRLE	2,803,802	MATHER, ROBERT JOSEPH	2,804,165	MERRILL, WILLIAM WARD	2,803,950
MACDONALD, DOUGLAS	2,803,887	MATHEW, THOMAS	2,804,028	MERRILL, WILLIAM WARD	2,804,150
MACDONALD, LYNN	2,803,864	MATSUI TERUAKI	2,804,225	MESOBLAST, INC.	2,803,639
MACDONALD, LYNN	2,804,311	MATSUI, TAKAHIKO	2,803,909	MESOBLAST, INC.	2,803,641
MADEY, STEVEN M.	2,803,585	MATSUI, TAKAHIKO	2,803,910	MESSINA, PATRICIA A.	2,803,454
MAEHLING, FRANK-OLAF	2,804,376	MATSUMOTO, HIROKAZU	2,804,271	MEYER, KNUT	2,803,609
MAEKELAE, RAIMO	2,803,474	MATSUMOTO, NOBUHIKO	2,804,131	MICHAEL, JOHN GERHARD	2,803,636
MAENG, JUN-HO	2,803,670	MATSUOTO, TAKAYUKI	2,803,791	MICHALUK, CHRISTOPHER	2,803,898
MAHASHABDE, ANU	2,803,872	MATT, GUNTER G.	2,804,017	MICHEL, YVES	2,803,964
MAHASHABDE, ANU	2,803,874	MATTANOVICH, DIETHARD	2,803,719	MICHELIN RECHERCHE ET	
MAHONEY, SEAN	2,804,147	MAURER, MICHAEL	2,803,719	TECHNIQUE S.A.	2,803,883
MAIDA, JOHN L.	2,799,273	MAYA, IGNACIO LUCAS	2,803,895	MICHELS, PETER C.	2,803,670
MAIJALA, JUHA	2,803,474	MAYER, PASCAL	2,803,743	MICHIBATA, KAZUHISA	2,803,791
MAITRA, PRITHWIRAJ	2,804,272	MBD ENERGY LIMITED	2,803,939	MICRO MOTION, INC.	2,804,209
MAKARY, VAUGHN	2,803,963	MCADAM, KEVIN	2,803,587	MICRO MOTION, INC.	2,804,212
MAKARY, VAUGHN	2,803,966	MCCABE, TIMOTHY J.	2,804,310	MICROSOFT CORPORATION	2,803,763
MAKARY, VAUGHN	2,803,967	MCCARTHY, STEPHEN J.	2,803,604	MIESSEN, MATTHIAS	2,804,132
MAKARY, VAUGHN	2,803,969	MCCARTHY, THOMAS DAVID	2,803,699	MIESSMER, STEFAN	2,803,634
MAKEL, RENE GERARD		MCCAUSLAND, J. DAVID	2,804,008	MILGARD MANUFACTURING	
WILLEM	2,803,755	MCCLURE, ANDREW W.	2,804,314	INCORPORATED	2,803,764
		MCCONWAY & TORLEY, LLC	2,804,133	MILJKOVIC, MILOS	2,803,933

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MILLER, MICHAEL T. D.	2,803,875	MUEHLTHAU, FRIEDRICH		NEVIS INDUSTRIES LLC	2,803,963
MILLER, RAYMOND A.	2,804,144	AUGUST	2,803,695	NEVIS INDUSTRIES LLC	2,803,966
MILLER, SCOTT	2,803,924	MUELLER, STEFAN	2,803,677	NEVIS INDUSTRIES LLC	2,803,967
MILLER, THOMAS J.	2,803,763	MUGNAI, RICCARDO	2,803,649	NEVIS INDUSTRIES LLC	2,803,969
MILLER, TRYNN ANNE	2,803,768	MUIJS, REMCO THEODORUS		NEWGEN THERAPEUTICS,	
MILNE, ARTHUR	2,803,790	JOHANNES	2,804,345	INC.	2,804,190
MININVASIVE LTD.	2,804,255	MUMFORD, STEPHEN E.	2,803,855	NEWMAN, PAUL	2,804,232
MINTA, MOSES K.	2,804,009	MURAKAMI, MORITOSHI	2,803,817	NEWTRICIOUS B.V.	2,803,750
MINTZ, SAGY PUNDAK	2,803,453	MURAKAMI, YUTAKA	2,803,905	NGUYEN, HAO	2,803,778
MINTZ, SAGY PUNDAK	2,803,454	MURAKAMI, YUTAKA	2,803,906	NGUYEN, TAM HUU	2,803,599
MINTZ, SAGY PUNDAK	2,803,785	MURPHY, ANDREW J.	2,803,864	NICOLAOU, RICHARD DAVID	2,804,064
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MISAWA, RYOTA	2,803,815	MURRAY, PHILIP E., III	2,804,215	NICOLAZZI, CELINE	2,803,900
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COMPANY, INC.	2,804,131	MYNI, PIETER	2,803,647	HOJLUND	2,804,284
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INDUSTRIES, LTD.	2,803,817	NAGAI, MITSURU	2,803,777	NIEMI, SAMI	2,804,452
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LTD.	2,803,791	NAGANAWA, HIROCHIKA	2,804,237	NIKOLIC, STANKO	2,804,288
MITSUMARI, TAKASHI	2,803,752	NAGANAWA, HIROCHIKA	2,804,239	NILSSON, JERKER	2,803,650
MITTRICKER, FRANKLIN F.	2,804,009	NAGAOKA, KATSUTOSHI	2,803,808	NINANE, CHRISTIAN	2,804,331
MIZ CO., LTD.	2,804,245	NAGPAL, SUNIL	2,804,177	NIPPON KAYAKU KABUSHIKI	
MIZUMOTO, SHINSUKE	2,803,842	NAGRAVISION S.A.	2,803,469	KAISHA	2,803,909
MOBERG, CARSTEN	2,804,013	NAITO, TATSUYA	2,804,245	NIPPON KAYAKU KABUSHIKI	
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SWEDEN AB	2,804,452	NAKAMURA, KEVIN	2,804,297	NISHIJIMA, MOTOAKI	2,804,219
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SWEDEN AB	2,804,453	NAKATA, HIYOKU	2,803,842	NOCCA, DAVID	2,803,871
MODY, NEIL	2,803,998	NAKAYAMA, MAIKO	2,803,808	NOKIA CORPORATION	2,799,303
MOHAN, TRAIAN	2,803,601	NAL PHARMACEUTICALS		NOKIA CORPORATION	2,803,951
MOITOSO, ROBERT MANUEL	2,803,846	LTD.	2,804,148	NOKIA SIEMENS NETWORKS	
MOLLER, CARSTEN	2,803,690	NALWAD, VIJENDRA	2,804,104	OY	2,803,684
MONACO, JEFFREY	2,803,794	NANBA, TAKAFUMI	2,803,813	NORD-LOCK	
MONASTYRSKY, YAKOV	2,803,869	NANOPIO CORPORATION	2,804,149	INTERNATIONAL AB	2,803,532
MONTAGUE, EDGAR B.	2,803,887	NANOPRECISION PRODUCTS,		NORDHOFF, STEFAN	2,804,208
MONTAROU, MARIUS HOVER	2,803,700	INC.	2,803,892	NORTHEASTERN	
MONTOYE, TONY	2,804,135	NANOXIDE SP. Z O.O.,	2,804,366	UNIVERSITY	2,803,933
MOODYCLIFFE, ANGUS	2,803,461	NASH, ALAN C.	2,804,292	NOSSE, BERND	2,803,996
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MOORE, MICHAEL EDWARD	2,803,749	NAVIPHARM CO., LTD.	2,804,341	NOVICK, SCOTT	2,803,959
MOORE, MICHAEL EDWARD	2,803,767	NAVISTAR CANADA, INC.	2,804,382	NUBBEMEYER, REINHARD	2,803,690
MOR, AMIT	2,804,023	NAYOZE, CHRISTINE	2,803,538	NUCLETRON OPERATIONS	
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MORA, ELIAS (DECEASED)	2,803,891	NAZARI, GHAZALEH T.	2,804,180	NVB INTERNATIONAL UK	
MOREAU, JEAN-LUC	2,803,656	NAZARIAN, BAMSHAD	2,804,097	LTD	2,804,182
MOREL, JEAN-BENOIT	2,804,401	NEAL, DANIEL R.	2,803,916	NYSE EURONEXT	2,803,846
MORELLI, JAMES	2,804,386	NEATE, ANDREW SIMON	2,803,586	O'BRIEN, JAMES J.	2,803,866
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JAVIER	2,803,818	NELL, PETER	2,803,971	O, BOEN HO	2,803,650
MORENO, JUAN	2,803,814	NENNO, THOMAS W.	2,803,794	OBAMA, MIWAKO	2,804,302
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MORIMOTO, KAORI	2,803,808	NESTEC S.A.	2,803,461	OBASHCHESTVO S	
MORSSINK, PIETER	2,803,755	NESTEC S.A.	2,803,463	OGRANICHENNOY	
MORTIER, LESTER L.	2,803,593	NESTEC S.A.	2,803,729	OTVETSTVENNOSTJU	
MOSLER, THEODORE	2,803,761	NETTEKOVEN, MATTHIAS	2,803,717	"UNISIT"	2,804,371
MOULES, VINCENT	2,804,121	NEU, THORBEN	2,804,104		
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"PARAFARM"	2,803,860	WILLIAM	2,804,212	POLING, CHRISTOPHER	2,803,662
"PARAFARM"	2,803,913	PAOLINI, DANIELE	2,804,181	POLING, CHRISTOPHER	2,803,691
"PARAFARM"	2,804,237	PAQUES I.P. B.V.	2,804,257	POLYVISION CORPORATION	2,803,887
"PARAFARM"	2,804,239	PARE, GEOFFREY SCOTT	2,803,603	POLYVISION CORPORATION	2,803,889
"PARAFARM"	2,803,813	PARHI, AJIT	2,803,890	POMPILIO, PASQUALE PIO	2,804,080
"PARAFARM"	2,804,219	PARK, CHUL-YONG	2,803,577	POOLRITE RESEARCH PTY	
"PARAFARM"	2,803,860	PARK, DONG-SEEK	2,804,157	LTD	2,804,038
"PARAFARM"	2,803,808	PARK, JUNG MAN	2,804,104	PORCELLI, STEVEN A.	2,804,029
"PARAFARM"	2,804,302	PARK, SANG-GEUN	2,804,341	POST, MARTIN	2,803,937
"PARAFARM"	2,803,817	PARK, SUNG-BUM	2,804,157	POWELL, HUGH	2,803,729
"PARAFARM"	2,799,303	PARRIS, MICHAEL D.	2,804,295	POWELL, WILLIAM R.	2,803,892
"PARAFARM"	2,803,753	PASANEN, PIRJO	2,799,303	PPG INDUSTRIES OHIO, INC.	2,803,803
"PARAFARM"	2,804,030	PASCOE, DAVID A.	2,803,912	PRANG, HEINRIK	
"PARAFARM"		PASK, CHRISTOPHER		SOERENSEN	2,803,887
"PARAFARM"		MARTIN	2,803,942	PRANOV, HENRIK	2,804,059
"PARAFARM"		PATEL, ATUL KUMAR M.	2,804,250	PRATT, GARY	2,804,353
"PARAFARM"	2,803,847	PATEL, HIMANSHU	2,803,992	PRAXAIR TECHNOLOGY, INC.	2,804,043
"PARAFARM"		PATEL, NAYAN	2,803,876	PRC-DESOTO	
"PARAFARM"		PATEL, SHWETAK N.	2,804,106	INTERNATIONAL, INC.	2,803,853
"PARAFARM"		PATEL, SHWETAK N.	2,804,109	PREETE, DARREN JAMES	2,804,349
"PARAFARM"		PATHI, SRINIVAS		PREETI, NATHAN	2,803,768
"PARAFARM"		LAXMINARAYAN	2,803,673	PRENTICE, KRISTA M.	2,803,604
"PARAFARM"	2,803,798	PATTAROPONG, VATEE	2,803,620	PRESICCE, GIORGIO	
"PARAFARM"	2,803,833	PATTHEY, RENE	2,803,703	ANTONIO	2,803,814
"PARAFARM"	2,803,949	PAUL SCHERRER INSTITUT	2,803,683	PRESIDENT AND FELLOWS	
"PARAFARM"	2,804,204	PAUL, DAVID OLIVIER	2,804,333	OF HARVARD COLLEGE	2,803,880
"PARAFARM"	2,804,146	PAUROLA, PENTTI	2,803,985	PRESTON, BARRY	2,803,586
"PARAFARM"	2,804,092	PAYNE, JOHN	2,804,457	PRESTON, RICHARD RYAN	2,804,185
"PARAFARM"		PEDOTTI, ANTONIO	2,804,080	PRICE, JACK	2,803,961
"PARAFARM"	2,804,092	PEI, DUANQING	2,804,347	PRICE, KENNETH NATHAN	2,803,902
"PARAFARM"	2,803,909	PELIN, KALLE HANS		PRILUTSKY, ANNA	2,804,272
"PARAFARM"	2,803,910	THOMAS	2,803,725	PRINS, RIENK	2,804,257
"PARAFARM"		PERBOS, ALAIN MICHEL	2,804,089	PRISKE, MARKUS	2,804,233
"PARAFARM"	2,803,281	PEREZ PACHECO, MANUEL	2,804,351	PRODANOS, DIMITRIOS	2,803,929
"PARAFARM"		PERRIN, PHILIPPE	2,803,721	PRODANOS, DIMITRIOS	2,803,976
"PARAFARM"	2,804,371	PERSSON, DANIEL	2,804,365	PROMETHEUS	
"PARAFARM"		PESLHERBE, LAURENCE	2,803,646	LABORATORIES INC.	2,794,757
"PARAFARM"	2,804,417	PETERS, ROBERT	2,804,280	PUDDIPHATT, DAVID	2,804,061
"PARAFARM"	2,804,382	PETERS, ROBERT T.	2,804,274	PUDDIPHATT, DAVID	2,804,169
"PARAFARM"	2,803,875	PETERSEN, GERT BJOERN	2,804,013	PURETECH VENTURES	2,804,215
"PARAFARM"	2,804,147	PETRIE, GREGORY A.	2,804,250	PYROTEK, INC.	2,804,111
"PARAFARM"	2,803,603	PETRIE, JAMES	2,804,025	PØHNER, LARS	2,804,088
"PARAFARM"	2,804,392	PETROVIC, ZMAJ	2,804,323	QI, KAI	2,804,418
"PARAFARM"	2,804,131	PEULTIER, JEROME	2,804,320	QI, MIN	2,803,878
"PARAFARM"	2,803,809	PFANNER, ANTON	2,804,406	QOSMOS	2,803,491
"PARAFARM"	2,803,905	PFIZER INC.	2,804,165	QUALCOMM INCORPORATED	2,804,374
"PARAFARM"	2,803,906	PFIZER LIMITED	2,804,173	QUATANNENS, BRIGITTE	2,803,779
"PARAFARM"	2,803,761	PFIZER LIMITED	2,804,351	QUERY, WILLIAM KRESS, JR.	2,803,594
"PARAFARM"	2,803,756	PHAN, ANH THI PHUONG	2,804,313	QUILLIN, ROBERT L.	2,804,016
"PARAFARM"	2,803,626	PHOTOCURE ASA	2,804,337	QUINLAN, MARK RONALD	2,804,050
"PARAFARM"	2,803,686	PICARO, TONY	2,804,389	QUINN, CHERYL L.	2,804,278
"PARAFARM"	2,804,037	PIDKOWICH, MARK S.	2,803,599	QUINTERO, BAUDEL	
"PARAFARM"	2,804,124	PIENTKA, MATT	2,804,457	WILLIAM	2,803,790
"PARAFARM"	2,804,038	PIEPER, ANDREW A.	2,804,161	R & B WAGNER, INC.	2,804,292
"PARAFARM"	2,803,879	PIERCE, GLENN	2,804,274	RAAB, R. MICHAEL	2,803,868
"PARAFARM"	2,803,905	PIERRE FABRE DERMO-		RABBEN, SILJE	2,803,700
"PARAFARM"	2,803,906	COSMETIQUE	2,804,334	RABENSTEIN, JOHN	2,803,670
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RAKUTEN, INC.	2,804,083	REYES, JAIME	2,803,811	ROTH, WAYNE DENNIS	2,803,607
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REBHOLZ, UWE	2,804,376	RILEY, JOHN	2,803,809	SAINT-DIDIER, SERGE	2,804,048
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RECKITT & COLMAN (OVERSEAS) LIMITED	2,804,070	RINEHART, CAMMIE	2,803,900	SAINT-GOBAIN GLASS FRANCE	2,804,321
REDON CANIFRU, JEAN PAUL	2,804,057	RINK, ALEXANDRA	2,803,827	SAINTIGNY, XAVIER	2,803,883
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