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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
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.

Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	20
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public.....	72
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale	76
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	156
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	164
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public	173
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	174
Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	189

Notices

Avis

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Dates

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

Chiffres de code

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

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

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

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

2. Country Code

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

2. Code des pays

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

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

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

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

6. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

7. Patents Available for Licence or Sale

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

8. List of Patents Available for Licence or Sale

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

2,793,721

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

7. Brevets disponibles pour licence ou vente

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

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

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

2,793,721

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 March 31, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1799*
For each additional sheet over 30	\$20
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 31 mars 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1799 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

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

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

Notices

4. Late payment fee

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

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$270

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

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$270 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$406 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

4. Taxe pour paiement tardif

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 270 \$

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

* Les frais seront réduits de:

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

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

15. Correspondence Procedures

November 20, 2015

This notice will replace 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.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

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 20 novembre, 2015

Le présent avis remplacera tous les avis antérieurs relatifs 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.

Veillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

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

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

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
Édifce C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada
Édifce Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

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.

Avis

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.

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

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.

CIPO considers that correspondence delivered through the Registered Mail Service of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next 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, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service 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.

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.

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

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.

L'OPIC considère que la correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada est reçue par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture 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 en 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 listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, 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.

Notices

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.

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 that 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 Fee Payment Form to ensure expedient processing.

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 Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

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.

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'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

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](#).

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 and ePCT);
- [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 and ePCT

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 and applications prepared using WIPO's ePCT online service. Filing in both cases 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:

- [filing a new or revised trade-mark 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](#); and
- [statement of Opposition](#); and
- [extensions of time in trade-mark opposition cases](#).

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 et ePCT);
- [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 et ePCT

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 de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé [Dépôt en ligne de demandes 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 :

- [nouvelle demande ou demande modifiée d'enregistrement de marque de commerce](#);
- [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

Copyright

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 a 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 copyright](#).

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

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 œuvre](#),
- [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.

Avis

prescribed in the *Patent Rules* still remain.

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: 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:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. 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.

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 labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

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: 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 :

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

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

Notices

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.

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;

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 de brevets acceptera des disquettes 3,5 pouces, 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'OPIB encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

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;

Avis

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII Format:

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

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.

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.

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 1/2" 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](#).

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 « Stellant 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.

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](#).

Notices

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 15, 2015 contains applications open to public inspection from November 29, 2015 to December 5, 2015.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 15 décembre 2015 contient les demandes disponibles au public pour consultation pour la période du 29 novembre 2015 au 5 décembre 2015.

Canadian Patents Issued

December 15, 2015

Brevets canadiens délivrés

15 décembre 2015

[11] **2,326,671**
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A01K 67/027 (2006.01) A61K 35/12 (2015.01) A61K 38/17 (2006.01) A61K 48/00 (2006.01) A61P 37/06 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **IMMUNOSUPPRESSION BY BLOCKING T CELL CO-STIMULATION SIGNAL 2 (B7/CD28 INTERACTION)**

[54] **IMMUNOSUPPRESSION PAR BLOCAGE DU SIGNAL DE CO-ACTIVATION DES LYMPHOCYTES T (INTERACTION B7/CD28)**

[72] LECHLER, ROBERT IAN, GB

[72] DORLING, ANTHONY, GB

[73] IMPERIAL COLLEGE INNOVATIONS LIMITED, GB

[85] 2000-10-25

[86] 1999-04-30 (PCT/GB1999/001350)

[87] (WO1999/057266)

[30] GB (9809280.2) 1998-04-30

[11] **2,406,970**
[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **IMPROVED TRANSACTION TRACKING, MANAGING, ASSESSMENT, AND AUDITING DATA PROCESSING SYSTEM AND NETWORK**

[54] **SYSTEME ET RESEAU AMELIORES DE TRAITEMENT DE DONNEES DE PISTAGE, DE GESTION ET DE VERIFICATION DE TRANSACTIONS**

[72] MESSER, STEPHEN D., US

[73] LINKSHARE CORPORATION, US

[85] 2002-10-24

[86] 2001-03-20 (PCT/US2001/008904)

[87] (WO2001/080846)

[30] US (09/558,356) 2000-04-26

[11] **2,409,131**
[13] C

[51] **Int.Cl. G06Q 50/22 (2012.01) A61J 7/00 (2006.01)**

[25] EN

[54] **DISTRIBUTED REMOTE ASSET AND MEDICATION MANAGEMENT DRUG DELIVERY SYSTEM**

[54] **SYSTEME REPARTI DE GESTION D'EQUIPEMENTS MEDICAUX ET D'ADMINISTRATION DE MEDICAMENTS A DISTANCE**

[72] COFFMAN, DAMON L., US

[72] VANDERVEEN, TIMOTHY W., US

[72] LEE, BRADFORD A., US

[72] SCHLOTTERBECK, DAVID L., US

[73] CAREFUSION 303, INC., US

[73] AESYNT INCORPORATED, US

[85] 2002-11-14

[86] 2001-05-18 (PCT/US2001/015989)

[87] (WO2001/088828)

[30] US (60/205,125) 2000-05-18

[11] **2,423,487**
[13] C

[51] **Int.Cl. C07H 21/00 (2006.01) A61K 31/70 (2006.01) A61K 31/7088 (2006.01) A61K 31/7115 (2006.01) A61P 37/04 (2006.01) C12N 15/11 (2006.01)**

[25] EN

[54] **MODULATION OF IMMUNOSTIMULATORY ACTIVITY OF IMMUNOSTIMULATORY OLIGONUCLEOTIDE ANALOGS BY POSITIONAL CHEMICAL CHANGES**

[54] **MODULATION DE L'ACTIVITE IMMUNOSTIMULATRICE D'ANALOGUES OLIGONUCLEOTIDIQUES IMMUNOSTIMULATEURS PAR DES MODIFICATIONS CHIMIQUES DE POSITION**

[72] KANDIMALLA, EKAMBAR R., US

[72] ZHAO, QUIYAN, US

[72] YU, DONG, US

[72] AGRAWAL, SUDHIR, US

[73] IDERA PHARMACEUTICALS, INC., US

[85] 2003-03-24

[86] 2001-09-26 (PCT/US2001/030137)

[87] (WO2002/026757)

[30] US (60/235,452) 2000-09-26

[30] US (60/235,453) 2000-09-26

[30] US (09/712,898) 2000-11-15

[11] **2,491,492**
[13] C

[51] **Int.Cl. A62C 2/06 (2006.01) E04B 1/94 (2006.01) E04D 13/17 (2006.01) E06B 5/16 (2006.01)**

[25] EN

[54] **FIREBLOCKING DEVICE**

[54] **DISPOSITIF PARE-FEU**

[72] JENSEN, GEIR, NO

[73] SCUTI AS, NO

[85] 2004-12-31

[86] 2003-07-04 (PCT/NO2003/000238)

[87] (WO2004/004837)

[30] NO (20023283) 2002-07-05

**Canadian Patents Issued
December 15, 2015**

[11] **2,514,204**
[13] C

[51] **Int.Cl. G05B 19/41 (2006.01) B25J 9/16 (2006.01) G05B 19/4103 (2006.01)**

[25] EN

[54] **SYNTACTIC INFERENCE MOTION PLANNING METHOD FOR ROBOTIC SYSTEMS**

[54] **PROCEDE DE PREVISION DE MOUVEMENT INFERENCEL SYNTACTIQUE DESTINE A DES SYSTEMES ROBOTISES**

[72] MCCRACKIN, DANIEL CURTIS, CA
[72] JOHNSON, STEPHEN WAYNE, CA
[73] THERMO CRS LTD., CA

[85] 2005-07-25
[86] 2004-01-30 (PCT/CA2004/000136)
[87] (WO2004/067232)
[30] US (60/443,839) 2003-01-31

[11] **2,520,292**
[13] C

[51] **Int.Cl. A61G 13/08 (2006.01) A61G 15/04 (2006.01)**

[25] EN

[54] **MEDICAL EXAMINATION TABLE**

[54] **TABLE D'EXAMEN MEDICAL**

[72] STEWART, PHILIP MARC, US
[72] HERR, ALLEN CHRIS, US
[72] WADE, DONALD L., US
[72] TURNER, RICHARD LEE, US
[72] WELLS, JON EDWARD, US
[73] MIDMARK CORPORATION, US

[86] (2520292)
[87] (2520292)
[22] 2005-09-21
[30] US (10/711,754) 2004-10-01

[11] **2,542,171**
[13] C

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) C07K 16/18 (2006.01) C12Q 1/02 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **MODULATORS AND MODULATION OF THE INTERACTION BETWEEN RGM AND NEOGENIN**

[54] **MODULATEURS ET MODULATION DE L'INTERACTION ENTRE LES RGM ET LA NEOGENINE**

[72] STRITTMATTER, STEPHEN, US
[72] MUELLER, BERNHARD, DE
[72] DEITINGHOFF, LUTZ, DE
[73] YALE UNIVERSITY, US
[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE

[85] 2005-12-15
[86] 2003-06-26 (PCT/US2003/020147)
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[54] **APPAREIL ET PROCEDE PERMETTANT DE DETERMINER UN POSITIONNEMENT ERGONOMIQUE OPTIMAL**

[72] ELGIE, RICHARD JAMES, US
[72] BROPHY, TIMOTHY JAMES, US
[72] CARR, ADAM ACKLEY, US
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[72] LIMERICK, KATHLEEN, US
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[54] **METHODE, SYSTEME ET DISPOSITIF DE VERIFICATION DES PARTICIPANTS DANS UN ENVIRONNEMENT D'APPELS MULTIPARTITE**
[72] HORVATH, DAVID CHARLES, CA
[72] MURRAY, SEAN MACLEAN, CA
[72] KALNISH, ILYA, CA
[73] BCE INC, CA
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[72] VAUGHAN, DENNIS, US
[73] CORDIS CORPORATION, US
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[73] UNITED PARCEL SERVICES OF AMERICA, INC., US
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[54] **PROCEDES D'INHIBITION AMELIORES DESTINES A UN PROCESSUS D'INACTIVATION DE GLOBULES ROUGES**
[72] STASSINOPOULOS, ADONIS, US
[73] CERUS CORPORATION, US
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[54] **SYSTEM AND PROCESS FOR CONCENTRATING HYDROCARBONS IN A BITUMEN FEED**
[54] **SYSTEME ET PROCEDE DE CONCENTRATION DES HYDROCARBURES DANS UNE CHARGE D'ALIMENTATION DE BITUME**
[72] GARNER, WILLIAM NICHOLAS, CA
[72] WIWCHAR, KIM JONATHAN, CA
[72] NOBLE, IAN MACKAY, CA
[72] ELDER, IAIN WILLIAM, CA
[72] LAM, MICHAEL FONG-YIN, CA
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[72] KURUPATHI, AMIT, US

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[72] ANSHUMALI, US

[72] FLOYD, RAYMOND H., US

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[72] VAKHARIA, OMAR, US

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[72] CHANG, SHOUE, CA

[72] FLEURARU, COSTEL, CA

[72] SHERIF, SHERIF S., CA

[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA

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[72] MATTHEWS, DAVID A., US
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[54] **DISPOSITIF DE POSE D'IMPLANTS MULTIPLES IN VITRO**
[72] DAVILA, LUIS A., US
[72] DWYER, CLIFFORD J., US
[73] CORDIS CORPORATION, US
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[54] **INSTRUMENTS OBTURANT LES VAISSEAUX AVEC CONFIGURATIONS POLYELECTRODES**
[72] COUTURE, GARY M., US
[72] SHARP, ROBERT, US
[72] WEINBERG, CRAIG, US
[73] COVIDIEN AG, CH
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[72] VALLIER, WILLIAM E., US
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[72] D'AVANZO, ROBERT LEWIS, JR., US
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[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **COMBINAISON DU VIRUS DU MYXOME ET DE LA RAPAMYCINE UTILISEE DANS UN TRAITEMENT THERAPEUTIQUE**
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[73] ROBARTS RESEARCH INSTITUTE, CA
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[54] **PROCEDE POUR EXECUTER DES REQUETES FORTEMENT ORDONNEES DANS UN SYSTEME DE TRAITEMENT FAIBLEMENT ORDONNE**
[72] HOFMANN, RICHARD GERARD, US
[72] SARTORIUS, THOMAS ANDREW, US
[72] SPEIER, THOMAS PHILIP, US
[72] GANASAN, JAYA PRAKASH SUBRAMANIAM, US
[72] DIEFFENDERFER, JAMES NORRIS, US
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[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT UN ANTIBIOTIQUE ET UNE SUBSTANCE ACTIVE CHOISIE PARMIS LE CARVEOL, LE THYMOL, LE CARVACROL, L'ALPHA-IONONE ET BETA-IONONE**

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[73] ADVANCED SCIENTIFIC DEVELOPMENTS, MA

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[54] **COUCHE DE RECEPTION D'IMAGE ADAPTEE A LA THERMOGRAPHIE, DESTINEE A DES SUPPORTS DE DONNEES PORTATIFS, ET SUPPORTS DE DONNEES PORTATIFS CORRESPONDANTS**

[72] RIEDL, JOSEF, DE

[72] GANZ, DANIEL, CH

[72] FREI, WILLY, CH

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[73] GIESECKE & DEVRIENT GMBH, DE

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[72] MILLER, MARVIN J., US

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[72] WALK, TILMANN B., DE

[72] DOSTLER, MARTIN, DE

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- [54] **MEDICAMENT COMPRENANT UN EXTRAIT DE RADIX STEPHANIAE EPIGAEAE POUR TRAITER UNE DEPENDANCE AUX NARCOTIQUES ET PROCEDE DE PREPARATION DE CELUI-CI**
- [72] YANG, ZHENG, CN
[72] FAN, MING, US
[72] CHEN, JIJUN, CN
[72] JIN, GUOZHANG, CN
[72] REN, WUXIAN, CN
[72] FENG, WEI, CN
[73] SHANXI YABAO PHARMACEUTICAL GROUP CORP., CN
- [73] **INSTITUTE OF BASIC MEDICAL SCIENCES, ACADEMY OF MILITARY MEDICAL SCIENCES, CN**
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- [54] **SYSTEME DE TRANSMISSION EN CONTINU DE VIDEO A LA DEMANDE FLEXIBLE ET MULTISOURCE POUR UNE COMMUNAUTE D'ABONNES ENTRE HOMOLOGUES**
- [72] GOOSE, STUART, US
[72] HABIB, AHSAN, US
[73] NOKIA SOLUTIONS AND NETWORKS GMBH & CO. KG, DE
- [85] 2008-02-08
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- [54] **SYSTEMES ET PROCEDES FOR SON HAPTIQUE**
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- [85] 2008-02-15
[86] 2006-08-11 (PCT/US2006/031597)
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[30] US (60/708,205) 2005-08-15
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- [25] EN
- [54] **PROSTHETIC IMPLANT FOR USE WITHOUT BONE CEMENT**
- [54] **IMPLANT PROTHETIQUE POUR UTILISATION SANS CIMENT OSSEUX**
- [72] JONES, ERIC, IS
[73] STRYKER IRELAND LIMITED, IE
- [86] (2621528)
[87] (2621528)
[22] 2008-02-12
[30] GB (07 02864.0) 2007-02-14

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- [11] **2,621,978**
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- [51] **Int.Cl. A61K 36/738 (2006.01) A61K 36/28 (2006.01) A61K 36/68 (2006.01) A61P 17/02 (2006.01)**
- [25] EN
- [54] **MEDICATED HERBAL SKIN CARE PREPARATION FOR PROMOTING WOUND HEALING**
- [54] **PRODUIT DE SOIN CUTANE A BASE D'HERBES MEDICINALES FAVORISANT LA GUERISON DES PLAIES**
- [72] MULVANERTY, NOREEN, US
[73] HERBAL INTERVENTION CORPORATION, US
- [85] 2008-03-07
[86] 2006-09-07 (PCT/US2006/034943)
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[30] US (60/714,631) 2005-09-07

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[54] **PHARMACEUTICAL COMPOUND CAPABLE OF INDUCING IMMUNE PROTECTIVE RESPONSE AGAINST DENGUE VIRUS HAVING THE CAPSID PROTEIN OF THE DENGUE VIRUS**

[54] **PROTEINE DE LA CAPSIDE DU VIRUS DE LA DENGUE INDUISANT UNE REPONSE PROTECTRICE ET COMPOSITION PHARMACEUTIQUE ASSOCIEE**

[72] LAZO VAZQUEZ, LAURA, CU

[72] HERMIDA CRUZ, LISSET, CU

[72] LOPEZ ABARRATEGUI, CARLOS, CU

[72] SIERRA VAZQUEZ, BEATRIZ DE LA CARIDAD, CU

[72] VAZQUEZ RAMUNDO, SUSANA, CU

[72] VALDEZ PRADO, IRIS, CU

[72] GUILLEN NIETO, GERARDO ENRIQUE, CU

[72] GUZMAN TIRADO, MARIA GUADALUPE, CU

[72] ZULUETA MORALES, AIDA, CU

[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU

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[11] **2,623,539**
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[54] **CRIBLAGE A HAUT DEBIT DE POPULATIONS MUTAGENISEES**

[72] VAN EIJK, MICHAEL JOSEPHUS THERESIA, NL

[72] VAN TUNEN, ADRIANUS JOHANNES, NL

[73] KEYGENE N.V., NL

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[51] **Int.Cl. C12N 5/071 (2010.01)**

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[54] **METHOD FOR CULTIVATION OF HAIR FOLLICULAR DERMAL SHEATH CELLS**

[54] **PROCEDE DE CULTURE DE CELLULES DE LA CUTICULE D'UN FOLLICULE PILEUX**

[72] TOYOSHIMA, KOEI, JP

[72] MATSUNAGA, MIKARU, JP

[72] YOSHIZATO, KATSUTOSHI, JP

[73] PHOENIXBIO CO., LTD., JP

[73] BIOINTEGRENC INC., JP

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[54] **COMBINATION PRINTER AND ITS PAPER**

[54] **IMPRIMANTE MIXTE ET SON PAPIER**

[72] BYERLY, BAXTER, US

[72] MOUNT, JEFF, US

[73] CATALINA MARKETING CORPORATION, US

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[25] EN

[54] **SYSTEMS AND METHODS FOR TREATING, DIAGNOSING AND PREDICTING THE OCCURRENCE OF A MEDICAL CONDITION**

[54] **SYSTEMES ET METHODES DESTINES AU TRAITEMENT, AU DIAGNOSTIC ET A LA PREVISION DE L'OCCURRENCE D'UN ETAT PATHOLOGIQUE**

[72] SAIDI, OLIVIER, US

[72] VERBEL, DAVID A., US

[72] TEVEROVSKIY, MIKHAIL, US

[73] FUNDACAO D. ANNA SOMMER CHAMPALIMAUD E DR. CARLOS MONTEZ CHAMPALIMAUD, PT

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[54] **DRUG-IMPREGNATED SLEEVE FOR A MEDICAL IMPLANT**

[54] **MANCHON IMPREGNE DE MEDICAMENT POUR UN IMPLANT MEDICAL**

[72] FULMER, MARK THOMAS, US

[72] ARMBRUSTER, DAVID A., US

[72] FRIGG, ROBERT, CH

[72] GRUSKIN, ELLIOT A., US

[72] KERR, SEAN HAMILTON, US

[73] SYNTHES USA, LLC, US

[85] 2008-04-08

[86] 2006-10-12 (PCT/US2006/040038)

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[30] US (60/726,808) 2005-10-13

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[54] **AMPHIBIOUS VEHICLE**

[54] **VEHICULE AMPHIBIE**

[72] GIBBS, ALAN TIMOTHY, GB

[72] JENKINS, NEIL GRAHAM, GB

[72] WALL, ANDREW P., NZ

[73] GIBBS TECHNOLOGIES LIMITED, GB

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[25] EN

[54] **TREATMENT AND PREVENTION OF BENIGN PIGMENTED MOLES (NAEVI) USING ARTEMISININE AND THE DERIVATIVES THEREOF**

[54] **TRAITEMENT ET PREVENTION DE MANIFESTATIONS PIGMENTAIRES (NAEVUS) BENIGNES GRACE A L'UTILISATION D'ARTEMISININE ET DE SES DERIVES**

[72] SIFT CARTER, ROSEMARIE, CH

[73] EPIPHARM AG, CH

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[30] CH (514/06) 2006-03-30

[11] **2,627,288**
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[54] **ACELLULAR BIOABSORBABLE TISSUE REGENERATION MATRICES PRODUCED BY INCUBATING ACELLULAR BLOOD PRODUCTS**

[54] **MATRICES DE REGENERATION DE TISSUS ACELLULAIRES BIOABSORBABLES PRODUITES PAR INCUBATION DE PRODUITS SANGUINS ACELLULAIRES**

[72] AHLFORS, JAN-ERIC W., AG

[73] AHLFORS, JAN-ERIC W., AG

[85] 2008-04-24

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[13] C

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[25] EN

[54] **INTRAOCULAR LENS FOR CORRECTING CORNEAL COMA**

[54] **CRISTALLIN INTRAOCULAIRE SERVANT A CORRIGER UNE COMA CORNEENNE**

[72] TABERNERO, JUAN, ES

[72] ARTAL, PABLO, ES

[72] PIERS, PATRICIA, NL

[73] AMO GRONINGEN B.V., US

[85] 2008-04-25

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[13] C

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[25] EN

[54] **EMULSIONS WITH FREE AQUEOUS-PHASE SURFACTANT AS ADJUVANTS FOR SPLIT INFLUENZA VACCINES**

[54] **EMULSIONS A TENSIOACTIF A PHASE AQUEUSE LIBRE POUR ADJUIVER DES VACCINS ANTIGRIPPAUX SOUS-UNITAIRES**

[72] O'HAGAN, DEREK, IT

[73] NOVARTIS AG, CH

[85] 2008-05-01

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[30] US (60/734,026) 2005-11-04

[30] US (60/812,476) 2006-06-08

[11] **2,630,465**
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[25] EN

[54] **ANTINEOPLASTIC COMPOUNDS**

[54] **COMPOSES ANTINEOPLASIQUES**

[72] DAS, UMASHANKAR, CA

[72] DIMMOCK, JONATHAN R., CA

[73] UNIVERSITY OF SASKATCHEWAN, CA

[85] 2008-05-21

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[51] **Int.Cl. B65D 43/02 (2006.01) B29C 65/76 (2006.01) B29C 69/00 (2006.01) B29C 65/58 (2006.01)**

[25] EN

[54] **A PACKAGING WITH LID SEALABLE TO CONTAINER AND A METHOD OF SEALING THE PACKAGING**

[54] **EMBALLAGE A COUVERCLE SCELLABLE AU RECIPIENT ET PROCEDE DE SCELLEMENT DE L'EMBALLAGE**

[72] ABRAHAMSSON, BERTIL, SE

[72] NOER, TORBEN, DK

[73] SUPERFOS A/S, DK

[85] 2008-06-09

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[25] EN

[54] **PNEUMATIC STRUCTURAL ELEMENT**

[54] **ELEMENT DE CONSTRUCTION PNEUMATIQUE**

[72] LUCHSINGER, ROLF, CH

[73] PROSPECTIVE CONCEPTS AG, CH

[85] 2008-06-20

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[25] EN

[54] **METHOD AND KIT FOR MAINTAINING A STERILE ENVIRONMENT DURING CALIBRATION OF A MEDICAL DEVICE**

[54] **PROCEDE ET NECESSAIRE DE MAINTIEN D'UN ENVIRONNEMENT STERILE PENDANT L'ETALONNAGE D'UN APPAREIL MEDICAL**

[72] KRAUS, ROBERT G., US

[73] CODMAN & SHURTLEFF, INC., US

[86] (2635185)

[87] (2635185)

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[30] US (11/764,293) 2007-06-18

[11] **2,635,868**
[13] C

[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/575 (2006.01) E21B 43/25 (2006.01)**

[25] EN

[54] **OXIDATIVE INTERNAL BREAKER SYSTEM WITH BRACKING ACTIVATORS FOR VISCOELASTIC SURFACTANT FLUIDS**

[54] **SYSTEME OXYDATIF DE RUPTURE INTERNE AVEC ACTIVATEURS DE RUPTURE POUR FLUIDES TENSIOACTIFS VISCOELASTIQUES**

[72] LIN, LIJUN, US

[72] ABAD, CARLOS, US

[72] BASER, BELGIN, US

[72] LI, LEIMING, US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[11] **2,636,892**
[13] C

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[25] EN

[54] **FLUORESCENT DENDRIMER COMPOUNDS AND USE OF SUCH COMPOUNDS IN MULTIPHOTON DEVICES OR PROCESSES**

[54] **COMPOSES FLUORESCENTS DENDRIMERIQUES ET UTILISATION DE TELS COMPOSES DANS LE CADRE DE PROCEDES OU DISPOSITIFS MULTIPHOTONIQUES**

[72] BLANCHARD-DESCE, MIREILLE, FR

[72] WERTS, MARTINUS, FR

[72] MONGIN, OLIVIER, FR

[72] MAJORAL, JEAN-PIERRE, FR

[72] CAMINADE, ANNE-MARIE, FR

[72] THATAVARTHY, RAMA KRISHNA, FR

[73] UNIVERSITE DE RENNES 1, FR

[73] CNRS, FR

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[11] **2,638,196**
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[25] EN

[54] **METHOD AND SYSTEM FOR SEMI-CHEMICAL PULPING**

[54] **PROCEDE ET SYSTEME APPLICABLES A LA PRODUCTION SEMI-CHIMIQUE DE PATE A PAPIER**

[72] STROMBERG, BERTIL, US

[73] ANDRITZ INC., US

[86] (2638196)

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[30] US (60/954,446) 2007-08-07

[30] US (12/173,132) 2008-07-15

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[13] C

[51] **Int.Cl. E21B 23/14 (2006.01) E21B 47/12 (2012.01)**

[25] EN

[54] **RETRACTABLE SENSOR SYSTEM AND TECHNIQUE**

[54] **GROUPE-CAPTEUR RETRACTABLE ET TECHNIQUE**

[72] RAMOS, ROGERIO TADEU, GB

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2638484)

[87] (2638484)

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[30] US (11/851,437) 2007-09-07

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[13] C

[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/04 (2006.01)**

[25] EN

[54] **RADIAL LOADING ELEMENT FOR TURBINE VANE**

[54] **ELEMENTS DE CHARGE RADIAUX POUR AUBE FIXE DE TURBINE**

[72] DUROCHER, ERIC, CA

[72] CARON, YVES, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2638542)

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[54] **BLADELESS OBTURATOR FOR USE IN A SURGICAL TROCAR ASSEMBLY**
[54] **OBTURATEUR SANS LAME POUR TROCAR CHIRURGICAL**
[72] SMITH, ROBERT C., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2640388)
[87] (2640388)
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[30] US (12/194,629) 2008-08-20

[11] **2,640,393**
[13] C

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[25] EN
[54] **EXPANDING SEAL ANCHOR FOR SINGLE INCISION SURGERY**
[54] **DISPOSITIF EXPANSIF D'ANCRAGE A OBTURATION POUR INTERVENTION CHIRURGICALE A UNE SEULE INCISION**
[72] RICHARD, PAUL D., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2640393)
[87] (2640393)
[22] 2008-10-03
[30] US (60/997,844) 2007-10-05

[11] **2,640,395**
[13] C

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[25] EN
[54] **SEAL ANCHOR FOR USE IN SURGICAL PROCEDURES**
[54] **DISPOSITIF D'ANCRAGE A OBTURATION POUR INTERVENTIONS CHIRURGICALES**
[72] RICHARD, PAUL D., US
[72] HEINRICH, RUSSELL, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2640395)
[87] (2640395)
[22] 2008-10-03
[30] US (60/997,885) 2007-10-05
[30] US (61/075,867) 2008-06-26
[30] US (12/244,024) 2008-10-02

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[13] C

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[54] **TWO PIECE ANVIL FOR SURGICAL STAPLER**
[54] **ENCLUME EN DEUX MORCEAUX POUR AGRAFEUSE CHIRURGICALE**
[72] TAYLOR, ERIC J., US
[72] HATHAWAY, PETER, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2640781)
[87] (2640781)
[22] 2008-10-08
[30] US (60/981,129) 2007-10-19
[30] US (12/189,939) 2008-08-12

[11] **2,640,787**
[13] C

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[25] EN
[54] **ARRAY FLUORESCENCE EQUALIZATION METHOD**
[54] **METHODE D'EGALISATION DE L'INTENSITE DE FLUORESCENCE D'UN JEU ORDONNE D'ECHANTILLONS**
[72] LEA, PETER, CA
[73] SQI DIAGNOSTICS SYSTEMS INC., CA
[86] (2640787)
[87] (2640787)
[22] 2008-10-08

[11] **2,640,862**
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[54] **INDEXABLE PLIERS-TYPE TOOL**
[54] **OUTIL INDEXABLE DE TYPE PINCE**
[72] PETERSEN, KEITH A., US
[73] SNAP-ON INCORPORATED, US
[86] (2640862)
[87] (2640862)
[22] 2008-10-09

[11] **2,641,836**
[13] C

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[25] EN
[54] **CIRCUIT INTERRUPTER AND METHOD OF PROCESSOR PHASE SYNCHRONIZATION**
[54] **COUPE-CIRCUIT, ET METHODE DE SYNCHRONISATION DE PHASE DE PROCESSEUR**
[72] PARKER, KEVIN L., US
[73] EATON CORPORATION, US
[86] (2641836)
[87] (2641836)
[22] 2008-10-24
[30] US (11/877,900) 2007-10-24

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[25] EN
[54] **COMPOSITION AND PROCESSES OF A DRY-IN-PLACE TRIVALENT CHROMIUM CORROSION-RESISTANT COATING FOR USE ON METAL SURFACES**
[54] **COMPOSITION ET PROCEDES D'UN REVETEMENT RESISTANT A LA CORROSION A BASE DE CHROME TRIVALENT PAR VOIE SECHE DESTINE A UNE UTILISATION SUR DES SURFACES METALLIQUES**
[72] KRAMER, KIRK, US
[72] SALET, LISA, US
[73] HENKEL AG & CO. KGAA, DE
[85] 2008-08-13
[86] 2007-02-13 (PCT/US2007/062026)
[87] (WO2007/095517)
[30] US (60/773,290) 2006-02-14

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[25] EN
[54] **METHOD OF MAKING ELECTRIC MACHINE WINDING**
[54] **PROCEDE DE FABRICATION D'UN BOBINAGE DE MACHINE ELECTRIQUE**
[72] DOOLEY, KEVIN ALLAN, CA
[72] WASIEWICZ, JERZY, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[85] 2008-08-22
[86] 2007-04-27 (PCT/CA2007/000726)
[87] (WO2007/124584)
[30] US (11/412,897) 2006-04-28

[11] **2,643,993**
[13] C

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[25] EN
[54] **METHODS AND ARRAYS FOR TARGET ANALYTE DETECTION AND DETERMINATION OF TARGET ANALYTE CONCENTRATION IN SOLUTION**
[54] **PROCEDES ET RESEAUX POUR LA DETECTION D'ANALYTES CIBLES ET LA DETERMINATION DE LA CONCENTRATION D'ANALYTES CIBLES EN SOLUTION**
[72] RISSIN, DAVID M., US
[72] WALT, DAVID R., US
[72] GORRIS, HANS-HEINER, US
[73] TRUSTEES OF TUFTS COLLEGE, US
[85] 2008-08-28
[86] 2007-02-20 (PCT/US2007/004349)
[87] (WO2007/098148)
[30] US (60/775,692) 2006-02-21
[30] US (60/792,736) 2006-04-17

[11] **2,644,091**
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[51] **Int.Cl. C12N 5/073 (2010.01)**
[25] EN
[54] **EMBRYO CULTURE MEDIA CONTAINING THYROID HORMONE**
[54] **MILIEUX DE CULTURE D'EMBRYON RENFERMANT DES HORMONES THYROIDIENNES**
[72] KING, WILLIAM ALLAN, CA
[72] ASHKAR, FAZL A., CA
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[54] **SYSTEM FOR EFFICIENT RECOVERY OF NODE B BUFFERED DATA FOLLOWING SERVING HIGH SPEED DOWNLINK SHARED CHANNEL CELL CHANGE**
[54] **SYSTEME DE RECUPERATION EFFICACE DE DONNEES MISES EN TAMPON DE NOEUD B APRES EXECUTION D'UN CHANGEMENT DE CELLULE POUR UN CANAL PARTAGE EN LIAISON DESCENDANTE GRANDE VITESSE**
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[72] SMITH, WILLIAM E., US
[72] WOLINS, BILL, US
[73] ILSCO CORPORATION, US
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[54] **SYSTEME DE DISTRIBUTION ET DE REPARTITION DE PRODUITS CHIMIQUES PULVERULENTS ET LIQUIDES**
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[72] ALHART, SCOTT D. E., US
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[54] **INHIBITEURS DU CANAL IONIQUE TASK-1 ET TASK-3**

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[73] CROWN IRON WORKS COMPANY, US
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[72] ZIPSE, ACHIM, DE
[72] WACK, THILO, DE
[72] BLOCK, ANDREAS, DE
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[54] **LASER A FIBRE OPTIQUE POUR ESSAI AUX ULTRASONS ET LASER**
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[72] DUBOIS, MARC, US
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[54] **ANCHOR REELING**
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[54] **AN INSTALLATION AND A METHOD FOR RECOVERING A SURFACE MARINE VEHICLE OR AN UNDERWATER VEHICLE**
[54] **INSTALLATION ET PROCEDE DE RECUPERATION D'UN VEHICULE MARIN DE SURFACE OU D'UN VEHICULE SOUS-MARIN**
[72] LUCCIONI, MARC, FR
[72] CIAUSU, VIOREL, FR
[72] RIGAUD, VINCENT, FR
[72] ARTZNER, LAURENT, FR
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[54] **DISPOSITIF DE CONTROLE DE POMPE**
[72] SHELDON, KEN, US
[72] PESSIN, JEAN-LOUIS, US
[72] WAGO, TOSHIMICHI, US
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[54] **ATELIER ROBOTISE DE REPARATION DE CARROSSERIE PAR SOUDAGE ET DE PEINTURE A UN RYTHME SOUTENU**
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[73] COMAU LLC, US
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[54] **METHOD FOR COLD PLASMA TREATMENT OF PLASTIC BOTTLES AND DEVICE FOR IMPLEMENTING SAME**
[54] **PROCEDE DE TRAITEMENT DE BOUTEILLES PLASTIQUES PAR PLASMA FROID ET DISPOSITIF PERMETTANT SA MISE EN OEUVRE**
[72] ROSTAING, JEAN-CHRISTOPHE, FR
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[72] FUTAGI, SADAKI, JP
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[25] EN
[54] **APPARATUS AND METHOD FOR CLOSE TOLERANCE FORMING OF AREAS IN FIBRE REINFORCED RESIN COMPOSITE COMPONENTS**
[54] **APPAREIL ET PROCEDE DE FORMATION DE ZONES A TOLERANCE SERREE DANS DES COMPOSANTS COMPOSITES EN RESINE RENFORCES PAR FIBRES**
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[73] SHORT BROTHERS PLC, IE
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[54] **IMPROVEMENTS IN OR RELATING TO AMPHOTERIC LIPOSOMES, A METHOD OF FORMULATING AN AMPHOTERIC LIPOSOME AND A METHOD OF LOADING AN AMPHOTERIC LIPOSOME**
[54] **AMELIORATIONS DES LIPOSOMES AMPHOTERES, OU EN RELATION AVEC CEUX-CI, PROCEDE DE FORMULATION D'UN LIPOSOME AMPHOTERE ET PROCEDE DE CHARGE D'UN LIPOSOME AMPHOTERE**
[72] PANZNER, STEFFEN, DE
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[54] **EMBOUT POUR BARRE DE PREHENSION**
[72] OGBURN, SEAN T., US
[73] REHRIG PACIFIC COMPANY, US
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[51] **Int.Cl. A23L 3/375 (2006.01)**
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[54] **METHOD FOR OBTAINING A PRODUCT SEQUENTIALLY SUBMITTED TO GASIFICATION AND CRYOGENIC DEEP-FREEZING**
[54] **PROCEDE D'OBTENTION D'UN PRODUIT SUBISSANT CONSECUTIVEMENT UNE GAZEIFICATION ET UNE SURGELATION CRYOGENIQUE**
[72] DESJARDINS-LAVISSE, ISABELLE, FR
[72] DESOBRY, STEPHANE, FR
[72] UHRIG, ERIC, FR
[72] PROBST, LAURENT, FR
[73] DESJARDINS-LAVISSE, ISABELLE, FR
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[25] FR
[54] **METHOD FOR POWERING A MAGNETIC COUPLER AND DEVICE FOR POWERING AN ELECTRIC DIPOLE**
[54] **PROCEDE D'ALIMENTATION D'UN COUPLEUR MAGNETIQUE ET DISPOSITIF D'ALIMENTATION D'UN DIPOLE ELECTRIQUE**
[72] LABOURE, ERIC, FR
[72] MEYNARD, THIERRY ANTOINE, FR
[72] FOREST, FRANCOIS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[73] INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, FR
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[72] COOK, ALEXANDER, US
[73] VANNER, INC., US
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[54] **REGULATEUR D'ECOULEMENT**
[72] JEDWAB, MICHAEL, CH
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[54] **CORDE D'INSTRUMENT DE MUSIQUE**
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[54] **EMULATEUR DE POSITIONS POUR DISJONCTEUR, ET SYSTEME LE COMPORTANT**
[72] CARLINO, HARRY J., US
[72] SHAAK, TODD M., US
[72] CAFFRO, BRIAN S., US
[72] HUMBERT, JOSEPH B., US
[73] EATON CORPORATION, US
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[54] **BLEACHING OF SUBSTRATES**
[54] **BLANCHIMENT DE SUBSTRATS**
[72] DE ALMEIDA, JOAQUIM MANUEL HENRIQUES, GB
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[72] DJODIKROMO, ZINAIDA PONIE, NL
[72] DOERFLER, CHRISTIAN, DE
[72] HAGE, RONALD, NL
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[30] EP (07100578.9) 2007-01-16

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[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR STACKING SEISMIC NOISE DATA TO ANALYZE SEISMIC EVENTS**
[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME D'ORDINATEUR POUR ACCUMULER DES DONNEES DE BRUIT SISMIQUE POUR ANALYSER DES EVENEMENTS SISMQUES**
[72] BERGERY, GUILLAUME B., FR
[73] MAGNITUDE SPAS, FR
[85] 2009-05-28
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[54] **SUBSTITUTED TRICYCLIC HETEROARYL COMPOUNDS AS JANUS KINASE INHIBITORS**
[54] **COMPOSES HETEROARYLS TRICYCLIQUES SUBSTITUES COMME INHIBITEURS DE KINASE JANUS**
[72] ARVANITIS, ARGYRIOS G., US
[72] RODGERS, JAMES D., US
[72] STORACE, LOUIS, US
[72] FOLMER, BEVERLY, US
[73] INCYTE HOLDINGS CORPORATION, US
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[11] **2,673,171**
[13] C

[51] **Int.Cl. G09F 3/08 (2006.01) A44C 5/00 (2006.01)**
[25] EN
[54] **BANDS FOR MAKING ADJUSTABLE LOOPS**
[54] **BANDES PERMETTANT D'OBTENIR DES BOUCLES REGLABLES**
[72] CHADWICK, ROBERT, US
[73] ENDUR ID INCORPORATED, US
[85] 2009-06-18
[86] 2007-12-20 (PCT/US2007/088333)
[87] (WO2008/079952)
[30] US (60/870,947) 2006-12-20

[11] **2,673,503**
[13] C

[51] **Int.Cl. H02J 3/06 (2006.01)**
[25] EN
[54] **TRANSFER SWITCH CONTROLLER EMPLOYING ACTIVE INDUCTIVE LOAD CONTROL AND TRANSFER SWITCH INCLUDING THE SAME**
[54] **CONTROLEUR DE COMMUTATEUR DE TRANSFERT FASIANTE APPEL A UNE COMMANDE ACTIVE DE CHARGE INDUCTIVE, ET COMMUTATEUR DE TRANSFERT LA COMPORTANT**
[72] LATHROP, TODD M., US
[72] POPOVICH, BERT, US
[72] HJEMVICK, JACOB A., US
[72] FAYLO, SAMUEL E., US
[73] EATON CORPORATION, US
[86] (2673503)
[87] (2673503)
[22] 2009-07-21
[30] US (12/176,680) 2008-07-21

[11] **2,675,999**
[13] C

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE INTERACTIVE DISPLAY OF DATA IN A MOTION CAPTURE ENVIRONMENT**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE INTERACTIF DE DONNEES DANS UN ENVIRONNEMENT DE CAPTURE DE MOUVEMENTS**
[72] LEWIS, GEORGE STEVEN, US
[72] BOTHWELL, CHRISTOPHER MICHAEL, US
[72] VALENTINO, JOHN, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2009-07-17
[86] 2008-01-22 (PCT/US2008/051661)
[87] (WO2008/091869)
[30] US (60/886,059) 2007-01-22

[11] **2,676,659**
[13] C

[51] **Int.Cl. C02F 9/00 (2006.01) C02F 1/00 (2006.01) C02F 1/44 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE PURIFICATION OF WATER CONTAMINATED WITH SULFATE IONS AND WITH HEAVY METAL IONS**
[54] **PROCEDE ET DISPOSITIF DE PURIFICATION D'EAU CONTENANT DES IMPURETES SOUS FORME D'IONS SULFATE ET D'IONS DE METAL LOURD**
[72] RIEBENSAHM, MICHAEL, CL
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2009-07-27
[86] 2008-01-07 (PCT/EP2008/050090)
[87] (WO2008/092713)
[30] DE (10 2007 004 310.6) 2007-01-29

[11] **2,676,686**
[13] C

[51] **Int.Cl. C12N 9/24 (2006.01)**
[25] EN
[54] **NOVEL SIALIDASE**
[54] **NOUVELLE SIALIDASE**
[72] VAN DIJK, ALBERTUS ALARD, NL
[72] DEKKER, PETRUS JACOBUS THEODORUS, NL
[72] EFIMOVA, YULIA M., NL
[73] DSM IP ASSETS B.V., NL
[85] 2009-07-27
[86] 2008-02-18 (PCT/EP2008/051930)
[87] (WO2008/101893)
[30] EP (07102688.4) 2007-02-20

[11] **2,676,849**
[13] C

[51] **Int.Cl. C07D 215/26 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 8-HYDROXY-5-[(1R)-1-HYDROXY-2[[[(1R)-2-(4-METHOXYPHENYL)-1-METHYLETHYL]AMINO]ETHYL]-2(1H)-QUINOLINONE MONOHYDROCHLORIDE**
[54] **PROCEDE DE PREPARATION DU MONOCHLORHYDRATE DE 8-HYDROXY-5-[(1R)-1-HYDROXY-2[[[(1R)-2-(4-METHOXYPHENYL)-1-METHYLETHYL]AMINO]ETHYL]-2(1H)-QUINOLINONE**
[72] PIVETTI, FAUSTO, IT
[72] BOCCHI, MONICA, IT
[72] DELCANALE, MAURIZIO, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
[85] 2009-07-29
[86] 2008-01-22 (PCT/IB2008/000134)
[87] (WO2008/093188)
[30] EP (07001950.0) 2007-01-30

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[13] C

[51] **Int.Cl. C02F 1/52 (2006.01) B01D 21/01 (2006.01) B01D 21/02 (2006.01) B01D 21/24 (2006.01) C02F 1/24 (2006.01) C02F 1/465 (2006.01) C02F 1/48 (2006.01) C02F 3/00 (2006.01) C02F 3/28 (2006.01)**

[25] EN

[54] **METHOD FOR RECOVERING SUSPENDED SOLIDS FROM RESIDUAL EFFLUENTS**

[54] **PROCEDE DE RECUPERATION DE MATIERES SOLIDES EN SUSPENSION D'EFFLUENTS RESIDUELS**

[72] STOERMANN, MARK, US

[73] ENVIRONMENTAL STEWARDSHIP SOLUTIONS, LLC., US

[85] 2009-08-06

[86] 2008-02-09 (PCT/US2008/053524)

[87] (WO2008/098233)

[30] US (60/900,526) 2007-02-09

[11] **2,677,922**
[13] C

[51] **Int.Cl. F24D 3/02 (2006.01) F24D 19/10 (2006.01) F24H 9/18 (2006.01) H05B 3/06 (2006.01)**

[25] EN

[54] **CLOSED LOOP HEATING SYSTEM**

[54] **SYSTEME DE CHAUFFAGE A CIRCUIT FERME**

[72] KING, RAY, CA

[73] DYNACURRENT TECHNOLOGIES, INC., CA

[86] (2677922)

[87] (2677922)

[22] 2009-09-11

[30] CA (2,639,413) 2008-09-11

[11] **2,679,307**
[13] C

[51] **Int.Cl. C09C 3/10 (2006.01) C08F 290/14 (2006.01) C08K 9/04 (2006.01) C09C 1/02 (2006.01) C09C 3/04 (2006.01)**

[25] EN

[54] **PROCESS FOR DRY GRINDING OF ONE OR MORE MINERAL MATERIALS INCLUDING AT LEAST ONE CALCIUM CARBONATE**

[54] **PROCEDE DE BROYAGE A SEC D'UN OU DE PLUSIEURS MATERIAUX MINERAUX INCLUANT AU MOINS UN CARBONATE DE CALCIUM**

[72] BURI, MATTHIAS, CH

[72] GANE, PATRICK A.C., CH

[72] BLUM, RENE VINZENZ, CH

[73] OMYA INTERNATIONAL AG, CH

[85] 2009-08-25

[86] 2008-03-05 (PCT/IB2008/000513)

[87] (WO2008/107780)

[30] FR (07 01591) 2007-03-05

[11] **2,679,919**
[13] C

[51] **Int.Cl. A61K 31/724 (2006.01) A61K 31/505 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR DELIVERY OF ANTI-CANCER AGENTS**

[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ADMINISTRER DES AGENTS ANTICANCEREUX**

[72] BREMNER, JOHN BARNARD, AU

[72] CLINGAN, PHILIP, AU

[72] LOCKE, JULIE MYREE, AU

[73] UNIVERSITY OF WOLLONGONG, AU

[85] 2009-09-02

[86] 2008-02-29 (PCT/AU2008/000276)

[87] (WO2008/106721)

[30] US (60/904,363) 2007-03-02

[11] **2,680,092**
[13] C

[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/4147 (2011.01)**

[25] EN

[54] **METHOD TO CONTROL THE ACCESS TO CONDITIONAL ACCESS AUDIO/VIDEO CONTENT**

[54] **PROCEDE DE COMMANDE DE L'ACCES A UN CONTENU AUDIO/VIDEO A ACCES CONDITIONNEL**

[72] LEBUHAN, CORINNE, CH

[72] IPPACH, HOLGER, CH

[72] FULLTON, LAURA, CH

[72] VERBESSELT, IVAN, BE

[73] NAGRAVISION S.A., CH

[85] 2009-09-04

[86] 2008-03-03 (PCT/EP2008/052580)

[87] (WO2008/107424)

[30] EP (07103634.7) 2007-03-06

[11] **2,680,242**
[13] C

[51] **Int.Cl. C09D 175/04 (2006.01) B05D 1/38 (2006.01) B05D 3/10 (2006.01) C09D 7/12 (2006.01) C09D 169/00 (2006.01)**

[25] EN

[54] **PROCESS FOR COATING METALLIC SURFACES WITH AN AQUEOUS, POLYMER-CONTAINING COMPOSITION, THE AQUEOUS COMPOSITION AND USE OF THE COATED SUBSTRATES**

[54] **PROCEDE VISANT A RECOUVRIR DES SURFACES METALLIQUES AU MOYEN D'UNE COMPOSITION AQUEUSE CONTENANT UN POLYMER, LA COMPOSITION AQUEUSE ET UTILISATION DES SUBSTRATS REVETUS**

[72] DOMES, HERIBERT, DE

[72] GRIEBLING, THOMAS, DE

[73] CHEMETALL GMBH, DE

[85] 2009-09-08

[86] 2008-03-04 (PCT/EP2008/052603)

[87] (WO2008/110480)

[30] DE (102007011553.0) 2007-03-09

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[25] EN
[54] **ALLYLOXY AND ALKYLOXY BENZOIC ACID DELIVERY AGENTS**
[54] **AGENTS D'APPORT D'ACIDE BENZOIQUE ALLYLOXY ET ALKYLOXY**

[72] SONG, JIANFENG, US
[73] EMISPHERE TECHNOLOGIES, INC., US
[85] 2009-09-10
[86] 2008-03-21 (PCT/US2008/057801)
[87] (WO2008/116141)
[30] US (60/896,188) 2007-03-21

[11] **2,681,106**
[13] C

[25] EN
[54] **MOTOR SPEED CONTROLLER**
[54] **REGULATEUR DE VITESSE POUR MOTEUR**

[72] SAVITZ, GEORGE, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2681106)
[87] (2681106)
[22] 2009-10-05
[30] US (12/248,378) 2008-10-09

[11] **2,681,161**
[13] C

[51] **Int.Cl. F21V 7/04 (2006.01) H01L 33/00 (2010.01)**

[25] EN
[54] **LED ILLUMINATION DEVICE WITH A HIGHLY UNIFORM ILLUMINATION PATTERN**
[54] **DISPOSITIF D'ECLAIRAGE A DEL A MOTIF D'ECLAIRAGE HAUTEMENT UNIFORME**

[72] PECK, JOHN P., US
[73] DIALIGHT CORPORATION, US
[85] 2009-09-11
[86] 2008-04-16 (PCT/US2008/060402)
[87] (WO2008/140884)
[30] US (11/745,836) 2007-05-08

[11] **2,681,465**
[13] C

[51] **Int.Cl. A61K 9/20 (2006.01)**

[25] EN
[54] **TABLET FORMULATIONS CONTAINING 8-{{1-(3,5-BIS-(TRIFLUOROMETHYL)PHENYL)-ETHOXY}-METHYL}-8-PHENYL-1,7-DIAZA-SPIRO[4.5]DECAN-2-ONE SALTS AND TABLETS MADE THEREFROM**

[54] **FORMULATIONS POUR COMPRIMES CONTENANT DES SELS DE 8-{{1-(3,5-BIS-(TRIFLUOROMETHYL)PHENYL)-ETHOXY}-METHYL}-8-PHENYL-1,7-DIAZA-SPIRO[4.5]-DECAN-2-ONE ET COMPRIMES**

[72] QIU, ZHIHUI, US
[72] CHO, WING-KEE PHILIP, US
[72] ZHAO, NA, US
[72] WONG, VICTOR MING-SHE, US
[73] OPKO HEALTH, INC., US
[85] 2009-09-21
[86] 2008-03-20 (PCT/US2008/003653)
[87] (WO2008/118331)
[30] US (60/919,501) 2007-03-22

[11] **2,682,552**
[13] C

[51] **Int.Cl. A01C 7/08 (2006.01) A01C 15/00 (2006.01) B60P 1/42 (2006.01) B65G 53/16 (2006.01) B65G 53/34 (2006.01)**

[25] EN
[54] **GRANULAR CONTAINMENT ASSEMBLY AND METHOD**

[54] **ENSEMBLE ET METHODE DE CONFINEMENT DE MATERIAU GRANULAIRE**

[72] MEMORY, RUSSELL JAMES, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2682552)
[87] (2682552)
[22] 2009-10-14
[30] US (12/271,822) 2008-11-14

[11] **2,682,820**
[13] C

[51] **Int.Cl. B61C 9/52 (2006.01) B61D 13/00 (2006.01) B61F 3/04 (2006.01)**

[25] FR
[54] **MOTOR-DRIVEN BOGIE FOR A STREETCAR**

[54] **BOGIE MOTORISE POUR TRAMWAY**

[72] RODET, ALAIN, FR
[72] LOISEAU, JEAN-CHRISTOPHE, FR
[72] ECHE, CHRISTOPHE, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[85] 2009-10-02
[86] 2008-03-14 (PCT/FR2008/050437)
[87] (WO2008/129207)
[30] FR (0754311) 2007-04-05

[11] **2,682,931**
[13] C

[51] **Int.Cl. B61F 5/32 (2006.01) B61D 13/00 (2006.01) B61F 3/04 (2006.01)**

[25] FR
[54] **BOGIE FOR RAILWAY VEHICLE**
[54] **BOGIE POUR VEHICULE FERROVIAIRE**

[72] RODET, ALAIN, FR
[72] ECHE, CHRISTOPHE, FR
[72] LONGUEVILLE, YVES, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[85] 2009-10-02
[86] 2008-03-14 (PCT/FR2008/050442)
[87] (WO2008/132361)
[30] FR (07 54306) 2007-04-05

[11] **2,683,353**
[13] C

[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/00 (2006.01) B65D 83/14 (2006.01)**

[25] EN
[54] **MODULAR AEROSOL DELIVERY SYSTEM**

[54] **SYSTEME MODULAIRE D'ADMINISTRATION D'AEROSOL**

[72] MEYER, ADAM, CA
[72] SCHMIDT, JAMES, CA
[72] DOBSON, CHRIS, CA
[72] ENGBRETH, DANIEL, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[86] (2683353)
[87] (2683353)
[22] 2009-10-22
[30] US (61/107,435) 2008-10-22

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[11] **2,683,460**
[13] C

[51] **Int.Cl. H04W 4/24 (2009.01) H04W 12/06 (2009.01) H04W 88/06 (2009.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR CURRENCY QUERYING**

[54] **SYSTEMES ET PROCEDES DE DEMANDE DE DEVICES**

[72] OBA, YOSHIHIRO, US

[72] CHENG, YUU-HENG ALICE, US

[73] KABUSHIKI KAISHA TOSHIBA, JP

[73] TELCORDIA TECHNOLOGIES, INC., US

[85] 2009-10-08

[86] 2008-04-09 (PCT/JP2008/057387)

[87] (WO2008/126937)

[30] US (60/910,820) 2007-04-09

[30] US (12/044,978) 2008-03-09

[11] **2,684,596**
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01) H04M 3/42 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANAGING TELEPHONE CALLS**

[54] **PROCEDE ET APPAREIL POUR GERER DES APPELS TELEPHONIQUES**

[72] WALKER, CRAIG ELLIOTT, US

[72] PAQUET, VINCENT, US

[72] FLETCHER, DONNIE CARLTON, US

[73] GOOGLE INC., US

[85] 2009-10-19

[86] 2008-04-21 (PCT/US2008/005118)

[87] (WO2008/130690)

[30] US (11/785,659) 2007-04-19

[11] **2,684,947**
[13] C

[51] **Int.Cl. A61M 11/00 (2006.01)**

[25] EN

[54] **PRE-FILLED, SMALL-VOLUME NEBULIZER**

[54] **NEBULISEUR PREREMPLI A PETIT VOLUME**

[72] FARAM, JOSEPH DEE, US

[73] FARAM, JOSEPH DEE, US

[85] 2009-11-13

[86] 2008-05-15 (PCT/US2008/063641)

[87] (WO2008/144358)

[30] US (11/748,907) 2007-05-15

[11] **2,686,057**
[13] C

[51] **Int.Cl. E04G 21/00 (2006.01) E02D 29/02 (2006.01) E04C 1/00 (2006.01) E04G 23/00 (2006.01)**

[25] EN

[54] **HOLLOW CORE BLOCK STABILIZATION SYSTEM**

[54] **SYSTEME DE STABILISATION A L'AIDE DE BLOCS A AME CREUSE**

[72] MOROSCHAN, CASEY, CA

[73] MOROSCHAN, CASEY, CA

[86] (2686057)

[87] (2686057)

[22] 2009-11-26

[11] **2,687,841**
[13] C

[51] **Int.Cl. C07H 1/06 (2006.01) C07H 15/24 (2006.01)**

[25] EN

[54] **STEVIOSIDE POLYMORPHIC AND AMORPHOUS FORMS, METHODS FOR THEIR FORMULATION, AND USES**

[54] **FORMES POLYMORPHES ET AMORPHES DE STEVIOSIDE, METHODES DE PREPARATION, ET UTILISATIONS**

[72] PRAKASH, INDRA, US

[72] UPRETI, MANI, US

[73] THE COCA-COLA COMPANY, US

[85] 2009-11-20

[86] 2008-05-16 (PCT/US2008/063845)

[87] (WO2008/147725)

[30] US (11/751,625) 2007-05-21

[11] **2,687,860**
[13] C

[51] **Int.Cl. A61M 25/02 (2006.01)**

[25] EN

[54] **CATHETER WITH VARIABLE ATTACHMENT MEANS**

[54] **CATHETER AVEC DES MOYENS DE FIXATION VARIABLE**

[72] CHANDRASEKAR, N.R., US

[72] MCKAY, DONALD, US

[73] IQ MEDICAL DEVICES, LLC, US

[85] 2009-11-20

[86] 2008-05-22 (PCT/US2008/064466)

[87] (WO2008/147842)

[30] US (11/754,043) 2007-05-25

[11] **2,688,573**
[13] C

[51] **Int.Cl. F16M 11/18 (2006.01) B66F 9/02 (2006.01) F01D 25/00 (2006.01) G01M 15/02 (2006.01)**

[25] EN

[54] **SYSTEM FOR TRANSPORTING A GAS TURBINE ENGINE**

[54] **SYSTEME DE TRANSPORT D'UNE TURBINE A GAZ**

[72] FARACI, ALESSANDRO, CA

[72] MAINVILLE, DANIEL, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[85] 2009-11-27

[86] 2008-05-16 (PCT/CA2008/000948)

[87] (WO2008/144885)

[30] US (11/755,833) 2007-05-31

[11] **2,689,940**
[13] C

[51] **Int.Cl. A62B 23/06 (2006.01) A01K 29/00 (2006.01)**

[25] EN

[54] **RESPIRATORY NASAL FILTER**

[54] **FILTRE NASAL RESPIRATOIRE**

[72] MOORE, JOSEPH K., US

[73] FIRST DEFENSE HOLDINGS LLC, US

[85] 2009-12-02

[86] 2007-10-31 (PCT/US2007/083086)

[87] (WO2008/055192)

[30] US (60/855,711) 2006-10-31

[30] US (11/928,226) 2007-10-30

[11] **2,690,786**
[13] C

[51] **Int.Cl. A61B 17/74 (2006.01) A61B 17/78 (2006.01)**

[25] EN

[54] **INTRAMEDULLARY ROD FOR PIVOTING A FASTENER**

[54] **TIGE INTRAMEDULLAIRE POUR FAIRE PIVOTER UNE FIXATION**

[72] MATITYAHU, AMIR M., US

[72] MCCLELLAN, ROBERT TRIGG, US

[73] EPIX ORTHOPAEDICS, INC., US

[85] 2009-12-14

[86] 2008-06-22 (PCT/US2008/067818)

[87] (WO2009/002890)

[30] US (60/936,887) 2007-06-22

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[11] **2,690,856**
[13] C

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/496 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **OXADIAZOLE DERIVATIVES AND THEIR USE AS METABOTROPIC GLUTAMATE RECEPTOR POTENTIATORS - 842**

[54] **DERIVES D'OXADIAZOLE ET LEUR UTILISATION COMME POTENTIALISATEURS - 842 DES RECEPTEURS METABOTROPICQUES DU GLUTAMATE**

[72] CLAYTON, JOSHUA, CA

[72] EGLE, IAN, CA

[72] EMPFIELD, JAMES, US

[72] FOLMER, JAMES, US

[72] ISAAC, METHVIN, CA

[72] MA, FUPENG, US

[72] SLASSI, ABDELMALIK, CA

[73] ASTRAZENECA AB, SE

[85] 2009-12-07

[86] 2008-06-05 (PCT/SE2008/050666)

[87] (WO2008/150233)

[30] US (60/942,553) 2007-06-07

[11] **2,691,249**
[13] C

[51] **Int.Cl. C09J 7/02 (2006.01) B65H 35/00 (2006.01)**

[25] EN

[54] **REMOVABLE ADHESIVE TAPE AND PULL TAB FILM, AND KITS**

[54] **RUBAN ADHESIF AMOVIBLE ET FILM A TIRETTE, ET KITS**

[72] BARTUSIAK, JOSEPH T., US

[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2009-12-17

[86] 2008-05-07 (PCT/US2008/062863)

[87] (WO2009/005892)

[30] US (11/769,950) 2007-06-28

[11] **2,691,710**
[13] C

[51] **Int.Cl. B65G 67/04 (2006.01) B60L 15/20 (2006.01) B60L 15/38 (2006.01) B66F 9/06 (2006.01)**

[25] EN

[54] **AUTOMATIC TRANSPORT LOADING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE CHARGEMENT DE TRANSPORT AUTOMATIQUE**

[72] ROSS, WAYNE DAVID, US

[72] CHILSON, GERALD EDWARD, US

[73] JERVIS B. WEBB COMPANY, US

[85] 2009-12-18

[86] 2008-06-20 (PCT/US2008/067625)

[87] (WO2008/157749)

[30] US (11/766,646) 2007-06-21

[11] **2,693,548**
[13] C

[51] **Int.Cl. A61J 3/07 (2006.01)**

[25] EN

[54] **TIGHT SEALING OF FILLED MEDICAMENT CAPSULES**

[54] **FERMETURE ETANCHE DE GELULES REMPLIES D'UN MEDICAMENT**

[72] BOLDIS, JOSEF, DE

[72] NEUHAUS, THORSTEN, DE

[72] LANDERER, SABINE, DE

[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2010-01-08

[86] 2008-07-08 (PCT/EP2008/058869)

[87] (WO2009/007377)

[30] EP (07112137.0) 2007-07-10

[30] EP (07113801.0) 2007-08-03

[11] **2,695,198**
[13] C

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[72] STULEN, FOSTER B., US

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[54] **METHODE DE REDUCTION DE LA PERTE DE CHALEUR D'UNE FORMATION**

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[73] CONOCOPHILLIPS COMPANY, US

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[54] **NACELLE DE TURBOREACTEUR, DESTINEE A EQUIPER UN AERONEF**

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[72] DE SORBAY, AURELIE, FR

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[54] **SOLID FORMS COMPRISING N-(5-TERT-BUTYL-ISOXAZOL-3-YL)-N'-{4-[7-(2-MORPHOLIN-4-YL-ETHOXY)IMIDAZO[2,1-B][1,3]BENZOTHIAZOL-2-YL]PHENYL}UREA, COMPOSITIONS THEREOF, AND USES THEREWITH**

[54] **FORMES SOLIDES COMPRENANT DE LA - ETHOXY)IMIDAZO[2,1-B][L,3]BENZOTHIAZOL-2-YL]PHENYL}UREE, COMPOSITIONS EN CONTENANT ET LEURS UTILISATIONS**

[72] BHAGWAT, SHRIPAD, US
[72] LAI, WEI, US
[72] PARENT, STEPHAN D., US
[72] ROE, MELANIE J., US
[72] SCHWARTZ, ALAN, US
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[54] **ACTIVATED-STROKE ACTUATOR, IN PARTICULAR FOR AN AUTOMOBILE SAFETY SYSTEM FOR THE PROTECTION OF PEDESTRIANS**

[54] **VERIN A COURSE DECLENCHEE, NOTAMMENT POUR SYSTEME DE SECURITE AUTOMOBILE DE PROTECTION DES PIETONS**

[72] LASPESA, ERIC, FR
[72] NADEAU, JEAN-PAUL, FR
[72] BORG, EVRARD, FR
[73] HERAKLES, FR

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[54] **SUBSTRATS D'ALLIAGE D'ALUMINIUM RESISTANTS A LA CORROSION ET LEURS PROCEDES DE FABRICATION**

[72] LEVENDUSKY, THOMAS L., US
[72] ASKIN, ALBERT L., US
[72] GUTHRIE, JOSEPH D., US
[72] VEGA, LUIS FANOR, US
[72] ROBARE, KEVIN M., US
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[54] **HIGH TENSILE STRENGTH GALVANIZED STEEL SHEET EXCELLENT IN FORMABILITY AND METHOD FOR MANUFACTURING THE SAME**

[54] **TOLE D'ACIER ZINGUEE PAR IMMERSION A CHAUD DE HAUTE RESISTANCE PRESENTANT UNE EXCELLENTE APTITUDE AU FACONNAGE ET SON PROCEDE DE FABRICATION**

[72] NAKAGAITO, TATSUYA, JP
[72] TAKAGI, SHUSAKU, JP
[72] MATSUOKA, SAIJI, JP
[72] KANEKO, SHINJIRO, JP
[73] JFE STEEL CORPORATION, JP

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[54] **SYSTEME AMELIORER POUR RACCORDEMENT DE SECTION DE BARRIERE**

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[73] VALMONT HIGHWAY TECHNOLOGY LIMITED, NZ

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[54] **APPARATUS FOR CHECKING MECHANICAL COMPONENT PARTS WITH OPTICAL DEVICES, AND RELEVANT PROTECTION DEVICE AND METHOD**

[54] **APPAREIL POUR CONTROLER DES PIECES A COMPOSANTS MECANIQUES AVEC DES DISPOSITIFS OPTIQUES, ET DISPOSITIF ET PROCEDE DE PROTECTION ASSOCIES**

[72] MARTELLI, SAMUELE, IT
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[54] **ELEVATOR CAR FOR REDUCED UPPER ENDS OF ELEVATOR SHAFTS**
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[72] HENSELER, MARKUS, CH
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[54] **METHODS AND SYSTEMS FOR SOLUTION BASED SEQUENCE ENRICHMENT AND ANALYSIS OF GENOMIC REGIONS**
[54] **PROCEDES ET SYSTEMES POUR L'ENRICHISSEMENT DE SEQUENCES A BASE DE SOLUTION ET L'ANALYSE DE REGIONS GENOMIQUES**
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[54] **MEASURING CONTACT SEQUENCE IN A TAP CHANGER**
[54] **MESURE DE LA SEQUENCE DES CONTACTS D'UN CHANGEUR DE PRISE**
[72] LUNN, LENA, SE
[72] KEMPII, JOHAN, SE
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[54] **PROCEDE ET SYSTEME DE DISTRIBUTION D'UN GENERATEUR D'AEROSOLS CAPILLAIRE**
[72] MAHARAJH, NIRANJAN, US
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **COMPOSITION NETTOYANTE POUR SURFACES METALLIQUES**
[72] KOMP, CAROLA, DE
[72] SCHOENFELDER, ECKART, DE
[73] CHEMETALL GMBH, DE
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[25] EN
[54] **IMPROVED PROCESS FOR PREPARING 2-(SUBSTITUTED PHENYL)-2-HYDROXY-ETHYL CARBAMATES**
[54] **PROCEDE AMELIORE DE PREPARATION DE 2-(PHENYLE SUBSTITUES)-2-HYDROXY-ETHYLCARBAMATES**
[72] PORSTMANN, FRANK, CH
[72] MEIER, THOMAS, CH
[73] SK BIOPHARMACEUTICALS CO., LTD, KR
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[54] **BICYCLIC HETEROCYCLE DERIVATIVES AND METHODS OF USE THEREOF**
[54] **DERIVES HETEROCYCLIQUES BICYCLIQUES ET LEURS PROCEDES D'UTILISATION**
[72] XIA, YAN, US
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[72] CHACKALAMANNIL, SAMUEL, US
[72] JAYNE, CHARLES LEE, US
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[72] NEELAMKAVIL, SANTHOSH FRANCIS, US
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[54] **DISTRIBUTEUR DE POMPAGE**
[72] CITTADINO, ANTONIO M., US
[72] BYL, CAROLYN C., US
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[72] PAAL, ALAN P., US
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[54] **COMPOSITIONS AND METHODS FOR DELIVERY OF GLYCOPEPTIDE ANTIBIOTICS TO MEDICAL DEVICE SURFACES**
[54] **COMPOSITIONS ET PROCEDES POUR LA DISTRIBUTION D'ANTIBIOTIQUES**
[54] **GLYCOPEPTIDIQUES SUR DES SURFACES DE DISPOSITIF MEDICAL**
[72] DARBY, MARTYN K., US
[72] SANFORD, ISAAC G., US
[72] BENSON, R. EDWARD, US
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[72] HAMILTON, PAUL T., US
[72] NAIR, SHRIKUMAR A., US
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[54] **FAULTED CIRCUIT INDICATOR APPARATUS WITH TRANSMISSION LINE STATE DISPLAY AND METHOD OF USE THEREOF**
[54] **APPAREIL INDICATEUR DE CIRCUIT EN DEFAUT AVEC AFFICHAGE D'ETAT DE LIGNE DE TRANSMISSION ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] MUENCH, FRANK JOHN, JR., US
[72] BANTING, JOHN FREDERICK, US
[73] COOPER TECHNOLOGIES COMPANY, US
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[54] **ANTI-HEPCIDIN ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-HEPCIDINE ET LEURS UTILISATIONS**
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[72] GATELY, DENNIS PATRICK, US
[72] HE, LUHONG, US
[72] LEUNG, DONMIENNE DOEN, US
[72] LUAN, PENG, US
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[72] TANG, YING, US
[72] WITCHER, DERRICK RYAN, US
[73] ELI LILLY AND COMPANY, US
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[54] **DISPOSITIF ET PROCEDE DE FABRICATION DU DISPOSITIF**
[72] UTSUMI, JUN, JP
[72] GOTO, TAKAYUKI, JP
[72] IDE, KENSUKE, JP
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[72] FUNAYAMA, MASAHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[72] QUINN, KEVIN, GB
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[72] KRITZLER, STEVEN, AU
[73] NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD, AU
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[54] **DISPOSITIF D'OBTURATION D'ORIFICE VASCULAIRE**
[72] MCGUCKIN, JAMES F., JR., US
[72] LEEDLE, JOHN D., US
[72] TARMIN, JAMES S., US
[72] ANIDHARAN, THANU, US
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[54] **SYSTEMES ET PROCEDES POUR LOCALISER UN DISPOSITIF MOBILE**
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[72] BAKER, KENNETH R., US
[73] QUALCOMM INCORPORATED, US
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[54] **SYSTEME DE REPONSES PRODUITES PAR UNE COMMUNAUTE SOCIALE AVEC CONTRAINTES DE COLLABORATION**
[72] BECHTEL, MICHAEL EDWARD, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[72] LICHOUULAS, TED, US
[73] AFL TELECOMMUNICATIONS LLC, US
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[54] **DERIVES AZOIQUES PYRAZOLONE A SUBSTITUTION BICYCLO, PROCEDE DE PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE**
[72] TANG, PENG CHO, CN
[72] LUE, HEJUN, CN
[72] ZHENG, HAO, CN
[72] CHEN, YIQIAN, CN
[72] FEI, HONGBO, CN
[72] WANG, SHENGLAN, CN
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[13] C

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[54] **A CHARGING DEVICE FOR DISTRIBUTING BULK MATERIAL**
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[73] PAUL WURTH S.A., LU
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[54] **METHOD FOR MAKING A HEATING ELEMENT BY DEPOSITING THIN LAYERS ONTO AN INSULATING SUBSTRATE, AND RESULTING ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT CHAUFFANT PAR DEPOT DE COUCHES MINCES SUR UN SUBSTRAT ISOLANT, ET L'ELEMENT OBTENU**
[72] MAURIN-PERRIER, PHILIPPE, FR
[72] HEAU, CHRISTOPHE, FR
[72] TERME, BENOIT, FR
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[54] **PULSATEUR D'AIR PORTATIF ET VETEMENT DE THERAPIE THORACIQUE**
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[54] **MOBILE SNOWPLOW BLADE RETAINING ELEMENT**
[54] **ELEMENT DE RETENUE DE LAME CHASSE-NEIGE MOBILE**
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[54] **TIMBRE ADHESIF**
[72] OKADA, TOMOMI, JP
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[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
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[54] **COMPOSITION PESTICIDE EN SUSPENSION AQUEUSE**
[72] ISHIHARA, YOSHIAKI, JP
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[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[54] **DISPOSITIF D'ARMEMENT PORTATIF**
[72] BEDNAR, RICHARD L., US
[72] SHAFFER, MICHAEL J., US
[72] HOUT, JACOB A., US
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[54] **VERIN LEVE CAPOT AVEC AGENCEMENT DE FREINAGE EN RETOUR DESAMORCABLE**
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[72] LASPESA, ERIC, FR
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[54] **PROCEDE DE FABRICATION DE PANNEAUX DE BLINDAGE A BASE DE CIMENT**
[72] FRANK, WILLIAM A., US
[72] DUBEY, ASHISH, US
[73] UNITED STATES GYPSUM COMPANY, US
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[54] **SODIUM-POTASSIUM HEXAMETAPHOSPHATE AND POTASSIUM METAPHOSPHATE WITH A LOW INSOLUBLES CONTENT**
[54] **HEXAMETAPHOSPHATE DE SODIUM-POTASSIUM ET METAPHOSPHATE DE POTASSIUM A FAIBLE CONTENU DES MATIERES INSOLUBLES**
[72] GARD, DAVID RICHARD, US
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[54] **APPARATUS AND METHODS TO COUPLE ACTUATOR STEMS AND ROD END BEARINGS**
[54] **APPAREIL ET PROCEDES DESTINES A RELIER DES TIGES D'ACTIONNEUR ET DES EMBOUTS A ROTULE**
[72] DALLUGE, PAUL RUSSELL, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PLASTIC PRY-OFF PAINT CAN ASSEMBLY**
[54] **CONTENANT DE PEINTURE EN PLASTIQUE A FERMETURE DECOLLABLE PAR EFFET DE LEVIER**
[72] LETICA, ANTON, US
[72] SELINA, JOHN R., US
[72] HARPER, WAYNE J., US
[73] LETICA CORPORATION, US
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[25] EN
[54] **ISOFLAVONE METABOLITES FOR THE TREATMENT OF HORMONE-DEPENDENT BREAST CANCER**
[54] **METABOLITES D'ISOFLAVONE POUR LE TRAITEMENT DU CANCER DU SEIN HORMONO-DEPENDANT**
[72] JOANNOU, GEORGE EUSTACE, AU
[73] RUANE, MICHAEL, AU
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[54] **APPARATUS TO CONTROL A FLUID FLOW CHARACTERISTIC OF FLUID REGULATOR BYPASS VALVES**

[54] **APPAREIL DESTINE A REGULER UNE CARACTERISTIQUE D'ECOULEMENT FLUIDIQUE DE SOUPAPES DE DERIVATION DE REGULATEURS DE FLUIDE**

[72] BURLAGE, BRIAN J., US

[72] METSCHKE, CHRISTOPHER S., US

[72] JENSEN, KURTIS, US

[72] GOH, CHEE WEE, SG

[72] LOH, EVA, SG

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[54] **AGENCEMENT POUR MODULE D'INTERFACE DE RESEAU**

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[72] TRAUT, FRED A., US

[73] AFL TELECOMMUNICATIONS LLC, US

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[54] **METHODS AND APPARATUS FOR ELECTRICAL STIMULATION OF TISSUES USING SIGNALS THAT MINIMIZE THE EFFECTS OF TISSUE IMPEDANCE**

[54] **PROCEDE ET APPAREIL DE STIMULATION ELECTRIQUE DE TISSUS A L'AIDE DE SIGNAUX QUI REDUISENT A UN MINIMUM LES EFFETS DE L'IMPEDANCE DE TISSUS**

[72] HARGROVE, JEFFREY B., US

[73] GREAT LAKES BIOSCIENCES, LLC, US

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[13] C

[51] **Int.Cl. A61F 2/00 (2006.01) A61F 2/02 (2006.01)**

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[54] **IMPLANT PELVIEN, ET SYSTEME DE DELIVRANCE**

[72] CRAWFORD, SCOTT, US

[73] AMS RESEARCH CORPORATION, US

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[25] EN

[54] **CASH DISPENSING AUTOMATED BANKING MACHINE WITH DEPOSIT HOLDING CONTAINER**

[54] **GUICHET AUTOMATIQUE BANCAIRE A RECIPIENT POUR DEPOTS**

[72] GRAEF, THOMAS H., US

[72] FOCKLER, GREGORY, US

[72] KRAFT, DAVE, US

[72] SCHOEFFLER, DANIEL, US

[72] KANSA, ROBERT, US

[72] KOVACS, DOUGLAS A., US

[72] UTZ, ZACHARY, US

[72] TULA, PEDRO, US

[72] WYMER, MARK, US

[72] DOUGLASS, MARK, US

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[72] BESKITT, WILLIAM D., US

[72] JENKINS, RANDALL, US

[72] SZABAT, WALTER J., US

[72] MLEZIVA, ROY, US

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[72] WANG, ZEN Y., US

[72] VAISHNAV, DOLAR HARSHADRAI, US

[72] YOUNG, JEFF, US

[72] FELT, DENNIS, US

[72] HOLLIFIELD, DAVID, US

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[72] BAKER, DAVID, US

[72] BARNETT, ROBERT W., US

[72] TUROCY, KENNETH, US

[72] WATSON, TIMOTHY, US

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[73] DIEBOLD, INCORPORATED, US

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[54] **A COMPOSITION BASED ON PERHYDROSQUALENE AND COLLAGEN-POLYVINYLPIRROLIDONE FOR FILLING MINOR CUTANEOUS DEPRESSIONS**
[54] **COMPOSITION A BASE DE PERHYDROSQUALENE ET COLLAGENE-POLYVINYLPIRROLIDONE POUR REMPLIR DES DEPRESSIONS CUTANÉES MINEURES**
[72] MARTINEZ FLEISCHER DE LEAL, NANTZIN, MX
[72] KROTZSCH GOMEZ, FERNANDO EDGAR, MX
[72] SALGADO CUIRIEL, ROSA MARIA, MX
[73] ASPID, S.A. DE C.V., MX
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[54] **AN IMPROVED METHOD FOR INHIBITING BACTERIA GROWTH DURING ETHANOL FERMENTATION**
[54] **UNE METHODE AMELIOREE POUR INHIBER LA CROISSANCE BACTERIENNE PENDANT LA FERMENTATION DE L'ETHANOL**
[72] MAYE, JOHN PAUL, US
[73] S.S. STEINER, INC., US
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[73] AVG NETHERLANDS B.V., NL
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[54] **INSULATING WALL PANEL ASSEMBLY AND METHOD FOR MANUFACTURING SAME**
[54] **PANNEAU MURAL ISOLANT ET PROCEDE DE FABRICATION DUDIT PANNEAU**
[72] HOULE, ANDRE, CA
[73] MATERIAUX LAURIER INC., CA
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[54] **PRODUIT DE CONSTRUCTION DE MUR PARE-FEU**
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[72] POLIQUIN, RAYMOND E., US
[72] SESMA, FERNANDO HERNANDEZ, US
[73] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US
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[54] **MULTI-PART MODULAR AIRFOIL SECTION AND METHOD OF ATTACHMENT BETWEEN PARTS**
[54] **SECTION DE PROFIL AERODYNAMIQUE MODULAIRE MULTI-PIECES ET PROCEDE POUR LA FIXATION ENTRE DES PIECES**
[72] SMITH, CAREY J., US
[72] FIZER, RICHARD W., US
[72] AYNSLEY, RICHARD M., AU
[72] OLESON, RICHARD A., US
[73] DELTA T CORPORATION, US
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[13] C
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[54] **SENSORS, SYSTEMS AND METHODS FOR POSITION SENSING**
[54] **DETECTEURS, SYSTEMES ET PROCEDES DE DETECTION DE POSITION OPTIQUE**
[72] UTUKURI, AVANINDRA, CA
[72] CLARKE, JONATHAN, CA
[73] BAANTO INTERNATIONAL LTD., CA
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[54] **REACTEUR DE SYNTHÈSE D'HYDROCARBURES, SYSTÈME POUR RÉACTION DE SYNTHÈSE D'HYDROCARBURES, ET PROCÉDE DE SYNTHÈSE D'HYDROCARBURES**
[72] ONISHI, YASUHIRO, JP
[72] YAMADA, EIICHI, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL ENGINEERING CO., LTD., JP
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[54] **TUBES SOUDÉS À DOUBLE JOINT PAR RÉSISTANCE ÉLECTRIQUE**
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[73] DFI CORPORATION, CA
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[54] **PROCEDES ET APPAREIL POUR LA SÉLECTION DE SYSTÈMES DANS UN DISPOSITIF SANS FIL MULTIMODAL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] KLINGENBRUNN, THOMAS, US
[72] RAMACHANDRAN, SHYAMAL, US
[72] SUBRAMANIAN, RAMACHANDRAN, US
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[72] YOON, YOUNG C., US
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[25] EN
[54] **DEVICE AND METHOD FOR MONITORING AND/OR ANALYZING ROTORS OF ELECTRIC MACHINES IN OPERATION**
[54] **PROCÉDE ET DISPOSITIF DE SURVEILLANCE ET/OU D'ANALYSE DE ROTORS DE MACHINES ÉLECTRIQUES EN FONCTIONNEMENT**
[72] HOBELSBERGER, MAX, CH
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[54] **ACTIVATEURS POUR COLLES CYANOACRYLATES À DEUX COMPOSANTS**
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[73] COOPER, EDWARD L., US
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[54] **TURBIDITY SENSOR**
[54] **DÉTECTEUR DE TURBIDITÉ**
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[72] PERS, PER-ERIK, SE
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
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[54] **SYSTEM AND METHOD FOR DIAGNOSIS OF BOVINE DISEASES USING AUSCULTATION ANALYSIS**
[54] **SYSTEME ET METHODE DE DIAGNOSTIC DE MALADIES BOVINES AU MOYEN D'UNE ANALYSE D'AUSCULTATION**
[72] NOFFSINGER, THOMAS H., US
[72] TAYLOR, GARRETT W., US
[72] TAYLOR, WADE A., US
[73] GEISSLER COMPANIES, LLC, US
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[54] **FLOATING FORKS FOR LIFT VEHICLES**
[54] **FOURCHES FLOTTANTES POUR VEHICULES DE LEVAGE**
[72] CHILSON, GERALD E., US
[73] JERVIS B. WEBB COMPANY, US
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[54] **METHOD OF LIMITING USE OF A MOBILE WIRELESS ACCESS POINT NEAR A WIRELESS LOCAL AREA NETWORK**
[54] **METHODE DE LIMITATION DE L'UTILISATION D'UN POINT D'ACCES SANS FIL MOBILE PRES D'UN RESEAU LOCAL SANS FIL**
[72] OERTON, KEVIN JOHN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **METHODS AND APPARATUS FOR RESTORING, REPAIRING, REINFORCING AND/OR PROTECTING STRUCTURES USING CONCRETE**
[54] **PROCEDES ET APPAREIL POUR RESTAURER, REPARER, RENFORCER ET/OU PROTEGER DES STRUCTURES UTILISANT DU BETON**
[72] RICHARDSON, GEORGE DAVID, CA
[72] KRIVULIN, SEMION, CA
[72] ROSAS-GRACIDA, JORGE RICARDO, CA
[72] FANG, FILL, CA
[73] CFS CONCRETE FORMING SYSTEMS INC., CA
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[54] **SYSTEM AND METHOD FOR PROCESSING TOKENLESS BIOMETRIC ELECTRONIC TRANSMISSIONS USING AN ELECTRONIC RULE MODULE CLEARINGHOUSE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES TRANSMISSIONS ELECTRONIQUES BIOMETRIQUES SANS AUTHENTIFICATION PAR L'UTILISATION D'UN CENTRE DE MODULES DE REGLEMENT ELECTRONIQUES**
[72] HOFFMAN, NED, US
[72] LAPSLEY, PHILIP DEAN, GB
[73] OPEN INVENTION NETWORK LLC, US
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[87] (2749181)
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[54] **PROCESSING TIME SERIES DATA EMBEDDED IN HIGH NOISE**
[54] **TRAITEMENT DE DONNEES DE SERIE CHRONOLOGIQUE INTEGREES DANS UN BRUIT FORT**
[72] VALERO, HENRI-PIERRE, JP
[72] BOSE, SANDIP, US
[72] LIU, QIUHUA, US
[72] SHENOY, RAMACHANDRA, US
[72] OUNADJELA, ABDERRHAMANE, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[30] US (61/142,534) 2009-01-05

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[54] **A GATE VALVE**
[54] **ROBINET-VANNE**
[72] WOODWARD, PETER JOHN, GB
[73] INNOVATIVE PIPESYSTEMS LIMITED, GB
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[25] EN
[54] **SPINNING TOP**
[54] **DESSUS PIVOTANT**
[72] TSAI, CHAO-YANG, TW
[73] SHYE CHI ENTERPRISE CO., LTD., TW
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[54] **INHALATEUR D'AROME DE TABAC DE TYPE NON CHAUFFANT**
[72] TAKEUCHI, MANABU, JP
[72] INAGAKI, MICHIIHIRO, JP
[72] YAJIMA, MORIO, JP
[72] KATAYAMA, KAZUHIKO, JP
[72] YAMADA, ATSURO, JP
[72] YAMADA, MANABU, JP
[73] JAPAN TOBACCO INC., JP
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[54] **REFRIGERATOR COMPRISING VACUUM SPACE**
[54] **REFRIGERATEUR COMPRENANT UN ESPACE SOUS VIDE**
[72] JUNG, WONYEONG, KR
[72] LEE, MYUNGRYUL, KR
[72] JHEE, SUNG, KR
[73] LG ELECTRONICS INC., KR
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[87] (2755185)
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[54] **BOITIER MODULAIRE, REFERMABLE, POUR UN NOMBRE ELEVE DE CONDUCTEURS, ET PROCEDE**
[72] KIMBRELL, EDDIE, US
[72] LICHOUAS, TED, US
[72] MARCHEK, KYLE, US
[73] AFL TELECOMMUNICATIONS LLC, US
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[54] **CONTINUOUS ROD TRANSPORT SYSTEM**
[54] **SYSTEME DE TRANSPORT CONTINU DE BARRES**
[72] BASLER, HERMANN, CA
[72] PENNER, JONATHAN P., CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2756358)
[87] (2756358)
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[54] **CONTAINER WITH LOCKING MECHANISM**
[54] **CONTENANT AVEC MECANISME DE VERROUILLAGE**
[72] COWIE, CHARLES H., US
[72] BRIDGES, TOBIAS M., US
[73] APEX BRANDS, INC., US
[86] (2756360)
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[54] **CARTON WITH TAMPER EVIDENT PRIZE INFORMATION FEATURE**
[54] **CARTON DOTE D'UNE CARACTERISTIQUE D'INFORMATION DE PRIX INVOLABLE**
[72] COOK, MATTHEW R., US
[72] FU, THOMAS, US
[72] WOLF, KURT M., US
[72] MIKOS, LAUREN, US
[72] SILVERSTEIN, BARRY L., US
[73] LBP MANUFACTURING, INC., US
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[54] **INDIRECT COOLING OF A CUTTING TOOL**
[54] **REFROIDISSEMENT INDIRECT D'UN OUTIL DE COUPE**
[72] ROZZI, JAY CHRISTOPHER, US
[72] CHEN, WEIBO, US
[72] ARCHIBALD, EVERETT EDGAR, JR., US
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[54] **METHOD AND APPARATUS FOR DETECTING PHARMACEUTICALS IN A SAMPLE**
[54] **PROCEDE ET APPAREIL POUR DETECTER DES SUBSTANCES PHARMACEUTIQUES DANS UN ECHANTILLON**
[72] NICHOLLS, IAN A., SE
[72] KARLSSON, BJOERN C. G., SE
[72] ROSENGREN, ANNIKA M., SE
[72] ANDERSSON, PER OLA, SE
[73] NICHOLLS, IAN A., SE
[73] KARLSSON, BJOERN C. G., SE
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[54] **METHODS AND REAGENTS FOR EFFICIENT AND TARGETED GENE TRANSFER TO MONOCYTES AND MACROPHAGES**
[54] **PROCEDES ET REACTIFS PERMETTANT UN TRANSFERT GENETIQUE EFFICACE ET CIBLE VERS DES MONOCYTES ET MACROPHAGES**
[72] GASSULL DURO, MIQUEL ANGEL, ES
[72] RIO FERNANDEZ, ADOLFO, ES
[72] FERNANDEZ GIMENO, ESTER, ES
[72] CHILLON RODRIGUEZ, MIGUEL, ES
[73] UNIVERSITAT AUTONOMA DE BARCELONA, ES
[73] GRIFOLS, S.A., ES
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[54] **WINDOW ASSEMBLY**
[54] **ENSEMBLE FENETRE**
[72] GUILLEMETTE, CHRISTIAN, CA
[73] 9163-9047 QUEBEC INC., CA
[86] (2759087)
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[25] EN
[54] **A TRACER METHOD TO ESTIMATE RATES OF METHANE GENERATION THROUGH AUGMENTATION OR BIOSTIMULATION OF THE SUB-SURFACE**
[54] **PROCEDE TRACEUR PERMETTANT D'EVALUER DES TAUX DE GENERATION DE METHANE PAR L'AUGMENTATION OU LA BIOSTIMULATION DE LA SUBSURFACE**
[72] VALENTINE, DAVID, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2011-10-21
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[72] DIBBLE, JAMES W., US
[72] LANG, KEVIN W., US
[72] MURPHY, GREGORY B., US
[73] DELAVAU L.L.C., US
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[54] **METHOD AND APPARATUS FOR ABSTRACTING LOGICAL TOPOLOGY INFORMATION OF PEER-TO-PEER NETWORK**
[54] **PROCEDE ET APPAREIL D'EXECUTION D'ABSTRACTION D'INFORMATIONS DE TOPOLOGIE LOGIQUE DE RESEAU A TECHNOLOGIE POSTE A POSTE**
[72] LI, CHUNXIU, CN
[72] WANG, YAN, CN
[72] CHEN, GUOYI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CLEANING COMPOSITIONS FOR REMOVING POLYMERIC CONTAMINANTS FROM PAPERMAKING SURFACES**
[54] **COMPOSITIONS DE NETTOYAGE POUR ELIMINER DES CONTAMINANTS POLYMERES DE SURFACES DE FABRICATION DE PAPIER**
[72] LASER, HAROLD, CA
[72] MAHLER, BRANDON E., US
[72] EBBERLER, ROBERT E., US
[73] DUBOIS CHEMICALS, INC., US
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[54] **MOUSSE RESISTANTE A LA PROPAGATION DE FLAMME ET SON PROCEDE DE FABRICATION**
[72] NICHOLAS, GEORGE F., US
[73] THE BOEING COMPANY, US
[85] 2011-12-08
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[25] EN
[54] **FLOOR PANEL AND FLOOR COVERING CONSISTING OF A PLURALITY OF SUCH FLOOR PANELS**
[54] **PANNEAU DE PLANCHER ET REVETEMENT DE PLANCHER CONSISTANT EN UNE PLURALITE DE TELS PANNEAUX DE PLANCHER**
[72] PERRA, ANTONIO GIUSEPPE, NL
[72] ZWEED, SANDER GORDON, NL
[73] INNOVATIONS 4 FLOORING HOLDING N.V., DE
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[30] NL (PCT/NL2009/050540) 2009-09-09

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[25] EN
[54] **IMINOSUGARS AND METHODS OF TREATING BUNYAVIRAL AND TOGAVIRAL DISEASES**
[54] **IMMUNOSUCRES ET PROCEDES DE TRAITEMENT DE MALADIES BUNYAVIRALES ET TOGAVIRALES**
[72] RAMSTEDT, URBAN, US
[72] KLOSE, BRENNAN, US
[72] ZITZMANN, NICOLE, GB
[72] DWEK, RAYMOND A., GB
[72] BUTTERS, TERRY D., GB
[73] THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD, GB
[73] UNITHER VIROLOGY, LLC, US
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[54] **METHOD FOR ACCESSING A SERVICE UNAVAILABLE THROUGH A NETWORK CELL**
[54] **PROCEDE D'ACCES A UN SERVICE NON DISPONIBLE PAR L'INTERMEDIAIRE D'UNE CELLULE DE RESEAU**
[72] BURBIDGE, RICHARD CHARLES, GB
[72] SUZUKI, TAKASHI, JP
[72] HOLE, DAVID PHILIP, GB
[72] DWYER, JOHANNA LISA, CA
[72] RAYAVARAPU, VENKATA RATNAKAR RAO, GB
[72] WIJAYANATHAN, MAIYURAN, CA
[72] MCCANN, STEPHEN, GB
[72] EARNSHAW, MARK, CA
[72] CHIN, CHEN-HO, BE
[73] BLACKBERRY LIMITED, CA
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[30] US (61/187,640) 2009-06-16

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[13] C

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[25] EN
[54] **ALTERNATING CURRENT/DIRECT CURRENT TWO-WAY SWITCH**
[54] **INTERRUPTEUR POUR UTILISATION AUSSI BIEN CA QUE CC**
[72] GOTOU, KIYOSHI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2011-12-16
[86] 2010-06-14 (PCT/IB2010/001417)
[87] (WO2010/146433)
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[11] **2,766,699**
[13] C

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **ANALYZER APPARATUS AND METHODS FOR LUNG DISEASE**
[54] **APPAREIL ET PROCEDES D'ANALYSE POUR UNE MALADIE PULMONAIRE**
[72] SPITERI, MONICA SILVERSTONE, GB
[73] UNIVERSITY HOSPITALS OF NORTH MIDLANDS NATIONAL HEALTH SERVICE TRUST, GB
[85] 2011-12-23
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[30] GB (0911007.3) 2009-06-25

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[54] **ALLOCATION OF BITS IN AN ENHANCEMENT CODING/DECODING FOR IMPROVING A HIERARCHICAL CODING/DECODING OF DIGITAL AUDIO SIGNALS**
[54] **ALLOCATION DE BITS DANS UN CODAGE/DECODAGE D'AMELIORATION D'UN CODAGE/DECODAGE HIERARCHIQUE DE SIGNAUX AUDIONUMERIQUES**
[72] VIRETTE, DAVID, DE
[72] BERTHET, PIERRE, FR
[73] FRANCE TELECOM, FR
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[13] C

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[25] EN
[54] **BLENDED IMPROVEMENT CARBON-COMPOSITE HAVING CARBON-NANOTUBE AND ITS CONTINUOUS MANUFACTURING METHOD AND APPARATUS**
[54] **COMPOSITE DE CARBONE, A MISCIBILITE AMELIOREE, A BASE DE NANOTUBES DE CARBONE: PROCEDE ET APPAREIL DE PRODUCTION CONTINUE**
[72] JUNG, MAN WOO, KR
[72] JEON, SEONG YUN, KR
[72] HONG, SEONG CHEOL, KR
[72] HAN, JOO HEE, KR
[72] OH, JOO SEOK, KR
[72] LEE, JIN SEO, KR
[72] DO, SEUNG HOE, KR
[73] HANWHA CHEMICAL CORPORATION, KR
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[13] C

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[25] EN
[54] **WEAR-RESISTANT ATTACHMENTS FOR HIGH-WEAR APPLICATIONS**
[54] **FIXATIONS RESISTANT A L'USURE POUR APPLICATIONS A FORTE USURE**
[72] MADOK, JOHN H., US
[72] CHENEY, JUSTIN, US
[72] VECCHIO, KENNETH S., US
[73] SCOPERTA, INC., US
[85] 2011-12-29
[86] 2010-07-09 (PCT/US2010/041616)
[87] (WO2011/006134)
[30] US (61/224,426) 2009-07-09
[30] US (61/263,286) 2009-11-20

[11] **2,768,142**
[13] C

- [51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **A METHOD AND PROCESSING UNIT FOR ADAPTIVE WIND NOISE SUPPRESSION IN A HEARING AID SYSTEM AND A HEARING AID SYSTEM**
[54] **PROCEDE ET UNITE DE TRAITEMENT POUR ELIMINATION ADAPTATIVE DE BRUIT DU VENT DANS UN SYSTEME DE PROTHESE AUDITIVE, ET SYSTEME DE PROTHESE AUDITIVE**
[72] MOERKEBJERG, MARTIN, DK
[72] LI, CHUNJIAN, DK
[73] WIDEX A/S, DK
[85] 2012-01-13
[86] 2009-07-15 (PCT/DK2009/000178)
[87] (WO2011/006496)

[11] **2,769,130**
[13] C

- [51] **Int.Cl. H04W 88/02 (2009.01) G06F 1/16 (2006.01)**
[25] EN
[54] **PIVOTABLE DISPLAY GUIDE MECHANISM FOR AN ELECTRONIC MOBILE DEVICE**
[54] **MECANISME D'ORIENTATION D'AFFICHAGE PIVOTANT POUR DISPOSITIF ELECTRONIQUE MOBILE**
[72] HOLMAN IV, MARTIN EARL, US
[72] IVANIK, BRUCE ALAN, US
[72] MOSKOWITZ, DOUGLAS WAYNE, US
[73] BLACKBERRY LIMITED, CA
[86] (2769130)
[87] (2769130)
[22] 2012-02-23
[30] US (13/073,630) 2011-03-28

[11] **2,771,142**
[13] C

- [51] **Int.Cl. B64D 1/16 (2006.01) B64D 1/00 (2006.01)**
[25] EN
[54] **ENHANCED AERIAL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION AERIENNE AMELIORE**
[72] HALE, JOHN C., US
[72] HARRIS, CHRISTOPHER B., US
[72] MCCUNE, WILLIAM D., US
[73] MOJAVE JET ASSET SERVICES, LLC, US
[86] (2771142)
[87] (2771142)
[22] 2008-03-03
[62] 2,678,763
[30] US (11/681,147) 2007-03-01

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[11] **2,771,149**
[13] C

[51] **Int.Cl. B64D 1/16 (2006.01) B64D 1/00 (2006.01)**
[25] EN
[54] **ENHANCED AERIAL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION AERIENNE AMELIORE**
[72] HALE, JOHN C., US
[72] HARRIS, CHRISTOPHER B., US
[72] MCCUNE, WILLIAM D., US
[73] MOJAVE JET ASSET SERVICES, LLC, US
[86] (2771149)
[87] (2771149)
[22] 2008-03-03
[62] 2,678,763
[30] US (11/681,147) 2007-03-01

[11] **2,771,385**
[13] C

[51] **Int.Cl. H04R 5/04 (2006.01) H04S 1/00 (2006.01) H04S 7/00 (2006.01)**
[25] EN
[54] **SYNTHETIC STEREO ON A MONO HEADSET WITH MOTION SENSING**
[54] **STEREOPHONIE SYNTHETIQUE SUR CASQUE D'ECOUTE MONO AVEC DETECTION DE MOUVEMENT**
[72] DELUCA, MICHAEL JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[86] (2771385)
[87] (2771385)
[22] 2012-03-09
[30] EP (11157964.5) 2011-03-11

[11] **2,773,780**
[13] C

[51] **Int.Cl. F16G 5/08 (2006.01) F16G 1/08 (2006.01) F16G 5/06 (2006.01)**
[25] EN
[54] **CVT BELT**
[54] **COURROIE POUR TRANSMISSION A VARIATION CONTINUE (CVT)**
[72] DUKE, RALPH MICHAEL, US
[72] KNOX, JOHN GRAEME, US
[73] GATES CORPORATION, US
[85] 2012-03-09
[86] 2010-09-24 (PCT/US2010/050156)
[87] (WO2011/038200)
[30] US (61/245,377) 2009-09-24

[11] **2,774,579**
[13] C

[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/549 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 285/18 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **IMINOTHIADIAZINE DIOXIDE COMPOUNDS AS BACE INHIBITORS, COMPOSITIONS, AND THEIR USE**
[54] **COMPOSES DE DIOXYDE D'IMINOTHIADIAZINE COMME INHIBITEURS DE BACE, COMPOSITIONS ET LEUR UTILISATION**
[72] SCOTT, JACK D., US
[72] STAMFORD, ANDREW W., US
[72] GILBERT, ERIC J., US
[72] CUMMING, JARED N., US
[72] ISERLOH, ULRICH, US
[72] MISIASZEK, JEFFREY A., US
[72] LI, GUOQING, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2012-03-20
[86] 2010-10-06 (PCT/US2010/051553)
[87] (WO2011/044181)
[30] US (61/249,685) 2009-10-08

[11] **2,775,603**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/7072 (2006.01) A61K 33/00 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **CARRAGEENAN-CONTAINING AQUEOUS ANTIMICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS AQUEUSES ANTIMICROBIENNES CONTENANT DE LA CARRAGENINE**
[72] MAGUIRE, ROBIN A., US
[72] THORN, MITCHELL, US
[72] PHILLIPS, DAVID M., US
[72] RUTENBERG, NAOMI, US
[73] THE POPULATION COUNCIL, INC., US
[85] 2012-03-27
[86] 2010-10-04 (PCT/US2010/051303)
[87] (WO2011/044034)
[30] US (12/587,405) 2009-10-06

[11] **2,776,092**
[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) H04L 9/32 (2006.01) H04L 12/18 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSFERRING PARTICIPATION AUTHORIZATION FOR A SCHEDULED CONFERENCE CALL**
[54] **METHODE DE TRANSFERT DE L'AUTORISATION DE PARTICIPATION A UNE TELECONFERENCE PLANIFIEE**
[72] COLBERT, MICHAEL SCOTT, US
[73] BLACKBERRY LIMITED, CA
[86] (2776092)
[87] (2776092)
[22] 2012-05-04
[30] EP (11165034.7) 2011-05-06

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[11] **2,777,043**
[13] C

[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED PIPERIDINES THAT INCREASE P53 ACTIVITY AND THE USES THEREOF**

[54] **PIPERIDINES SUBSTITUEES QUI ACCROISSENT L'ACTIVITE DE P53, ET UTILISATIONS DE CES COMPOSES**

[72] BOGEN, STEPHANE L., US
[72] MA, YAO, US
[72] WANG, YAOLIN, US
[72] LAHUE, BRIAN ROBERT, US
[72] NAIR, LATHA G., US
[72] SHIZUKA, MANAMI, US
[72] VOSS, MATTHEW ERNST, US
[72] KIROVA-SNOVER, MARGARITA, US
[72] PAN, WEIDONG, US
[72] TIAN, YUAN, US
[72] KULKARNI, BHEEMASHANKAR A., US
[72] GIBEAU, CRAIG R., US
[72] LIU, YUAN, US
[72] SCAPIN, GIOVANNA, US
[72] RINDGEN, DIANE, US
[72] DOLL, RONALD J., US
[72] GUZI, TIMOTHY J., US
[72] HICKLIN, DANNY J., US
[72] NOMEIR, AMIN, US
[72] SEIDEL-DUGAN, CYNTHIA, US
[72] SHIPPS, GERALD W., JR., US
[72] MACCOSS, MALCOLM, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2012-04-05
[86] 2010-10-05 (PCT/US2010/051403)
[87] (WO2011/046771)
[30] US (61/251,603) 2009-10-14
[30] US (61/252,468) 2009-10-16

[11] **2,777,064**
[13] C

[51] **Int.Cl. H03H 7/40 (2006.01) H01Q 1/24 (2006.01) H04B 1/18 (2006.01)**

[25] EN

[54] **DYNAMIC REAL-TIME CALIBRATION FOR ANTENNA MATCHING IN A RADIO FREQUENCY RECEIVER SYSTEM**

[54] **ETALONNAGE EN TEMPS REEL DYNAMIQUE POUR ADAPTATION D'ANTENNE DANS UN SYSTEME RECEPTEUR RADIOFREQUENCE**

[72] ALI, SHIROOK, CA
[72] WARDEN, JAMES PAUL, US
[72] BAKR, MOHAMED, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-04-05
[86] 2010-10-14 (PCT/US2010/052648)
[87] (WO2011/047139)
[30] US (12/579,381) 2009-10-14

[11] **2,777,449**
[13] C

[51] **Int.Cl. C09K 8/70 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **LIQUEFIED INDUSTRIAL GAS BASED SOLUTION IN HYDRAULIC FRACTURING**

[54] **SOLUTION A BASE DE GAZ INDUSTRIEL LIQUEFIE POUR LE FRACTIONNEMENT HYDRAULIQUE**

[72] LANCTOT-DOWNS, CAMILLE, CA
[72] EPINEY, MICHEL, CA
[72] LABERGE, FABRICE, CA
[72] RASANAYAGAM, VASUHI, US
[72] SUNDARAM, MEENAKSHI, US
[73] L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[86] (2777449)
[87] (2777449)
[22] 2012-05-17

[11] **2,777,931**
[13] C

[51] **Int.Cl. G07C 5/02 (2006.01) H04W 4/00 (2009.01) A61B 5/18 (2006.01) G07C 5/06 (2006.01)**

[25] EN

[54] **SYSTEM FOR MONITORING VEHICLE AND OPERATOR BEHAVIOR**

[54] **SYSTEME DE SURVEILLANCE DE VEHICULE ET DU COMPORTEMENT DE SON CONDUCTEUR**

[72] DEPURA, SHAIENDRA, US
[72] DEPURA, BHAVNA SHAIENDRA, US
[72] DEPURA, JAMNA LAL, IN
[72] DEPURA, KANTA, IN
[72] MEMANI, SHALINI, IN
[73] DEPURA, SHAIENDRA, US
[73] DEPURA, BHAVNA SHAIENDRA, US
[73] DEPURA, JAMNA LAL, IN
[73] DEPURA, KANTA, IN
[73] MEMANI, SHALINI, IN
[86] (2777931)
[87] (2777931)
[22] 2012-05-25
[30] US (61/519,550) 2011-05-25
[30] US (13/477,475) 2012-05-22

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[11] **2,778,239**
[13] C

[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF A DOWNMIX SIGNAL REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO SIGNAL, METHODS, COMPUTER PROGRAM AND BITSTREAM USING A DISTORTION CONTROL SIGNALING**

[54] **DISPOSITIF POUR LA FOURNITURE D'UNE REPRESENTATION DE SIGNAL D'AUGMENTATION PAR MIXAGE A PARTIR D'UNE REPRESENTATION DE SIGNAL DE REDUCTION PAR MIXAGE, DISPOSITIF POUR LA FOURNITURE D'UN TRAIN DE BITS REPRESENTANT UN SIGNAL AUDIO MULTICANAL, PROCEDES, PROGRAMME INFORMATIQUE ET TRAIN DE BITS UTILISANT UNE SIGNALISATION DE CONTROLE DES DEFORMATIONS**

[72] ENGDEGARD, JONAS, SE
[72] PURNHAGEN, HEIKO, SE
[72] HERRE, JUERGEN, DE
[72] TERENTIV, LEON, DE
[72] FALCH, CORNELIA, AT
[72] HELLMUTH, OLIVER, DE
[73] DOLBY INTERNATIONAL AB, NL
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2012-04-19
[86] 2010-10-19 (PCT/EP2010/065671)
[87] (WO2011/048067)
[30] US (61/253,237) 2009-10-20
[30] US (61/369,260) 2010-07-30
[30] EP (10171418.6) 2010-07-30

[11] **2,778,790**
[13] C

[51] **Int.Cl. G10L 25/93 (2013.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS FOR WIDEBAND ENCODING AND DECODING OF INACTIVE FRAMES**

[54] **SYSTEMES, PROCEDES ET APPAREIL DE CODAGE ET DE DECODAGE A LARGE BANDE DE TRAMES INACTIVES**

[72] RAJENDRAN, VIVEK, US
[72] KANDHADAI, ANANTHAPADMANABHAN A., US
[73] QUALCOMM INCORPORATED, US
[86] (2778790)
[87] (2778790)
[22] 2007-07-31
[62] 2,657,412
[30] US (60/834,688) 2006-07-31
[30] US (11/830,812) 2007-07-30

[11] **2,779,856**
[13] C

[51] **Int.Cl. H04W 52/38 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FREQUENCY SCAN USING AN ADAPTIVE MEASUREMENT INTERVAL**

[54] **METHODE ET SYSTEME POUR BALAYAGE DE FREQUENCE A L'AIDE D'UN INTERVALLE DE MESURE ADAPTATIF**

[72] WENG, JIANFENG, CA
[72] DUGGAN, JASON ROBERT, CA
[72] CREAMY, TIMOTHY JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2779856)
[87] (2779856)
[22] 2012-06-14
[30] EP (11173487.7) 2011-07-11

[11] **2,781,310**
[13] C

[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/005 (2013.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF THE DOWNMIX SIGNAL REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO SIGNAL, METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO SIGNAL USING A LINEAR COMBINATION PARAMETER**

[54] **APPAREIL SERVANT A FOURNIR UNE REPRESENTATION D'UN SIGNAL DE MIXAGE ELEVATEUR SUR LA BASE DE LA REPRESENTATION D'UN SIGNAL DE MIXAGE REDUCTEUR, APPAREIL SERVANT A FOURNIR UN FLUX BINAIRE REPRESENTANT UN SIGNAL AUDIO MULTICANAL, PROCEDES, PROGRAMMES INFORMATIQUES ET FLUX BINAIRE REPRESENTANT UN SIGNAL AUDIO MULTICANAL UTILISANT UN PARAMETRE DE COMBINAISON L**

[72] ENGDEGARD, JONAS, SE
[72] PURNHAGEN, HEIKO, SE
[72] HERRE, JUERGEN, DE
[72] FALCH, CORNELIA, AT
[72] HELLMUTH, OLIVER, DE
[72] TERENTIV, LEON, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[73] DOLBY INTERNATIONAL AB, NL
[85] 2012-05-17
[86] 2010-11-16 (PCT/EP2010/067550)
[87] (WO2011/061174)
[30] US (61/263,047) 2009-11-20
[30] EP (10171452.5) 2010-07-30
[30] US (61/369,261) 2010-07-30

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[11] **2,783,759**
[13] C

[51] **Int.Cl. B27N 3/04 (2006.01) B02C 23/08 (2006.01) B07B 1/00 (2006.01) B27N 1/02 (2006.01)**

[25] EN

[54] **FIBROUS MATERIALS AND COMPOSITES**

[54] **MATERIAUX FIBREUX ET COMPOSITES ASSOCIES**

[72] MEDOFF, MARSHALL, US

[73] XYLECO, INC., US

[86] (2783759)

[87] (2783759)

[22] 2006-03-23

[62] 2,602,307

[30] US (60/664,832) 2005-03-24

[30] US (60/688,002) 2005-06-07

[30] US (60/711,057) 2005-08-24

[30] US (60/715,822) 2005-09-09

[30] US (60/725,674) 2005-10-12

[30] US (60/726,102) 2005-10-12

[30] US (60/750,205) 2005-12-13

[11] **2,783,792**
[13] C

[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

[73] YEH, TZONG IN, US

[86] (2783792)

[87] (2783792)

[22] 2012-07-24

[30] TW (100128451) 2011-08-10

[11] **2,785,391**
[13] C

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/12 (2009.01)**

[25] EN

[54] **APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING BACKGROUND PROCESSING OF PUSH CONTENT**

[54] **DISPOSITIF ET METHODE ASSOCIEE FACILITANT LE TRAITEMENT DE FOND DE CONTENU A SOLLICITATION**

[72] KARMAKAR, SRIMANTEE, CA

[72] MATOVSKY, MICHAEL, CA

[72] FRITSCH, BRINDUSA, CA

[72] BIBR, VIERA, CA

[72] VITANOV, KAMEN, CA

[72] SHENFIELD, MICHAEL, CA

[73] BLACKBERRY LIMITED, CA

[86] (2785391)

[87] (2785391)

[22] 2007-03-19

[62] 2,582,709

[30] EP (06251715.6) 2006-03-29

[11] **2,785,813**
[13] C

[51] **Int.Cl. G06F 1/16 (2006.01)**

[25] EN

[54] **PORTABLE ELECTRONIC DEVICE CASE ACCESSORIES AND RELATED SYSTEMS AND METHODS**

[54] **ACCESSOIRES DE BOITIER POUR DISPOSITIF ELECTRONIQUE PORTABLE ET SYSTEMES ET PROCEDES ASSOCIES**

[72] GALLAGHER, KEVIN, US

[72] SHORTT, ROBERT, US

[72] BALLOU, DANIEL, US

[72] DECAMP, RONALD, US

[72] THONI, MARK, US

[73] TARGUS GROUP INTERNATIONAL, INC., US

[85] 2012-06-26

[86] 2011-06-06 (PCT/US2011/039287)

[87] (WO2011/156275)

[30] US (61/352,286) 2010-06-07

[30] US (61/368,047) 2010-07-27

[30] US (61/421,431) 2010-12-09

[11] **2,786,433**
[13] C

[51] **Int.Cl. H01B 3/44 (2006.01) H01B 9/00 (2006.01) C08L 101/12 (2006.01)**

[25] EN

[54] **COMPOSITION FOR LOW SMOKE, FLAME RETARDANT, HALOGEN-FREE, THERMOPLASTIC INSULATION SHOWING GOOD ELECTRICAL PROPERTIES IN WATER**

[54] **COMPOSITION D'UN ISOLANT THERMOPLASTIQUE, SANS HALOGENE, RETARDANT LES FLAMMES ET EMETTANT PEU DE FUMEE, PRESENTANT DE BONNES PROPRIETES ELECTRIQUES DANS L'EAU**

[72] MILLAN, PEREZ MIGUEL ANGEL, MX

[72] VAZQUEZ, ESTRADA LUIS, MX

[72] PARRA, TABLA OCTAVIO, MX

[72] PEREZ, SANCHEZ ALFONSO, MX

[73] SERVICIOS CONDUMEX S.A. DE C.V., MX

[86] (2786433)

[87] (2786433)

[22] 2012-08-17

[30] MX (MX/A/2011/011705) 2011-11-04

[11] **2,786,579**
[13] C

[51] **Int.Cl. E21B 19/06 (2006.01) B25B 1/04 (2006.01) E21B 19/10 (2006.01)**

[25] EN

[54] **PIPE GRIPPING APPARATUS**

[54] **APPAREIL DE PREHENSION DE CONDUITES**

[72] ORGERON, KEITH J., US

[73] T&T ENGINEERING SERVICES, INC., US

[85] 2012-07-06

[86] 2010-01-26 (PCT/US2010/022107)

[87] (WO2010/085803)

[30] US (12/359,926) 2009-01-26

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[11] **2,786,634**
[13] C

[51] **Int.Cl. H04L 29/08 (2006.01) H04W 8/18 (2009.01) H04W 80/12 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING SERVICE SUBSCRIPTION OR UNSUBSCRIPTION SPEED FOR WIRELESS APPLICATION PROTOCOL (WAP) ROAMING USERS**

[54] **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER UNE VITESSE D'INSCRIPTION OU DE DESINSCRIPTION A UN SERVICE POUR DES UTILISATEURS NOMADES WAP (PROTOCOLE D'APPLICATION SANS FIL)**

[72] ZHANG, JIWEI, CN
[73] ZTE CORPORATION, CN
[85] 2012-07-06
[86] 2010-09-25 (PCT/CN2010/077284)
[87] (WO2011/120287)
[30] CN (201010136797.X) 2010-03-31

[11] **2,791,156**
[13] C

[51] **Int.Cl. H01M 4/58 (2010.01) H01M 4/136 (2010.01) H01M 4/583 (2010.01)**
[25] EN
[54] **PROCESS FOR PREPARING ELECTROACTIVE INSERTION COMPOUNDS AND ELECTRODE MATERIALS OBTAINED THEREFROM**

[54] **PROCEDE DE PREPARATION DE COMPOSES D'INSERTION ELECTROACTIFS ET MATERIAUX D'ELECTRODE CONNEXES**

[72] GAUTHIER, LAURENT, CA
[72] GAUTHIER, MICHEL, CA
[72] LAVOIE, DONALD, CA
[72] MICHOT, CHRISTOPHE, CA
[72] RAVET, NATHALIE, CA
[73] UNIVERSITE DE MONTREAL, CA
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[86] (2791156)
[87] (2791156)
[22] 2004-12-22
[62] 2,550,496
[30] US (60/531,606) 2003-12-23

[11] **2,793,263**
[13] C

[51] **Int.Cl. A63B 22/02 (2006.01)**
[25] EN
[54] **POWER GENERATING MANUALLY OPERATED TREADMILL**

[54] **TAPIS ROULANT A COMMANDE MANUELLE DE GENERATION D'ENERGIE**

[72] BAYERLEIN, DOUGLAS G., US
[72] EMONS, VANCE E., US
[72] OBLAMSKI, NICHOLAS A., US
[73] WOODWAY USA, INC., US
[85] 2012-09-14
[86] 2010-03-09 (PCT/US2010/026731)
[87] (WO2010/107632)
[30] US (61/161,027) 2009-03-17

[11] **2,793,472**
[13] C

[51] **Int.Cl. G01V 5/10 (2006.01)**
[25] EN
[54] **NEUTRON LOGGING TOOL WITH MULTIPLE DETECTORS**

[54] **OUTIL DE MESURE DE NEUTRONS DOTE DE DETECTEURS MULTIPLES**

[72] WILSON, PAUL, US
[72] PEMPER, RICHARD, US
[72] TRCKA, DARRYL, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2793472)
[87] (2793472)
[22] 2012-10-26
[30] US (61/552,171) 2011-10-27

[11] ***2,793,721**
[13] C

[51] **Int.Cl. A43B 5/00 (2006.01)**
[25] FR
[54] **SHOES DESIGNED FOR CURLING**

[54] **SOULIERS ADAPTES DE CURLING**

[72] GAGNE, GASTON, CA
[73] GAGNE, GASTON, CA
[86] (2793721)
[87] (2793721)
[22] 2012-10-22

[11] **2,794,176**
[13] C

[51] **Int.Cl. C07D 211/16 (2006.01) A61K 31/435 (2006.01) C07D 211/26 (2006.01)**
[25] EN
[54] **NOVEL BENZAMIDE DERIVATIVES**

[54] **NOUVEAUX DERIVES DE BENZAMIDE**

[72] KIM, SOON-HOE, KR
[72] IM, WEON-BIN, KR
[72] CHOI, SUNG-HAK, KR
[72] CHOI, SUN-HO, KR
[72] SOHN, JU-HEE, KR
[72] SUNG, HYUN-JUNG, KR
[72] KIM, MI-YEON, KR
[72] CHO, KANG-HUN, KR
[72] SOHN, TAE-KYOUNG, KR
[73] DONG-A PHARM. CO., LTD., KR
[85] 2012-09-21
[86] 2011-04-18 (PCT/KR2011/002759)
[87] (WO2011/132901)
[30] KR (10-2010-0038039) 2010-04-23

[11] **2,794,760**
[13] C

[51] **Int.Cl. C08G 77/38 (2006.01) C11D 3/37 (2006.01) D06M 15/643 (2006.01) D06M 15/647 (2006.01)**
[25] EN
[54] **AMINE CONTAINING ORGANOSILICONES AND CLEANING COMPOSITIONS THEREOF**

[54] **ORGANOSILICONES A AMINE ET COMPOSITIONS NETTOYANTES CONTENANT CEUX-CI**

[72] PANANDIKER, RAJAN KESHAV, US
[72] ZANNONI, LUKE ANDREW, US
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] SEGER, REBECCA ANN, US
[72] MENKHAUS, JULIE ANN, US
[72] SOLINSKY, MARK GREGORY, US
[72] WAGNER, MATTHEW SCOTT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-09-27
[86] 2011-04-01 (PCT/US2011/030847)
[87] (WO2011/123727)
[30] US (61/320,141) 2010-04-01
[30] US (61/320,133) 2010-04-01
[30] US (61/366,270) 2010-07-21
[30] US (61/383,770) 2010-09-17
[30] US (61/413,062) 2010-11-12

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[11] **2,795,146**
[13] C

[51] **Int.Cl. F21V 29/10 (2015.01) F21V 29/70 (2015.01) F16J 15/06 (2006.01)**

[25] EN

[54] **LIGHTING ASSEMBLIES HAVING CONTROLLED DIRECTIONAL HEAT TRANSFER**

[54] **ENSEMBLES D'ECLAIRAGE AYANT UN TRANSFERT DE CHALEUR DIRECTIONNEL REGULE**

[72] BLINCOE, PATRICK STEPHEN, US
[72] LITTEER, ANDREW ADAMS, US
[73] COOPER TECHNOLOGIES COMPANY, US

[85] 2012-10-01
[86] 2010-04-05 (PCT/US2010/030006)
[87] (WO2011/126475)
[30] US (12/754,387) 2010-04-05

[11] **2,796,171**
[13] C

[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **METHOD AND MEANS FOR IDENTIFYING SUBSTANCES WHICH INHIBIT IGE PRODUCTION**

[54] **PROCEDE ET MOYEN D'IDENTIFICATION DE SUBSTANCES QUI INHIBENT LA PRODUCTION D'IGE**

[72] JESSBERGER, ROLF, DE
[72] AUDZEVICH, TATSIANA, GB
[73] THORNE LIMITED, CA

[85] 2012-10-11
[86] 2011-04-14 (PCT/EP2011/055942)
[87] (WO2011/141267)
[30] DE (10 2010 027 827.0) 2010-04-15

[11] **2,796,802**
[13] C

[51] **Int.Cl. F22G 5/00 (2006.01) F22G 3/00 (2006.01)**

[25] EN

[54] **AUTOMATED SUPER HEATED STEAM GENERATORS**

[54] **GENERATEURS DE VAPEUR SURCHAUFFEE AUTOMATISES**

[72] GRAIBUS, RICHARD B., US
[72] TURNER, JIMMY L., US
[72] MCCULLOUGH, CHARLES T., US
[72] WILLIAMS, DENNIS K., US
[72] SULITIS, EDWARD L., US
[73] TRIMETEOR OIL AND GAS CORPORATION, US

[86] (2796802)
[87] (2796802)
[22] 2012-11-27
[30] US (61/629,802) 2011-11-28
[30] US (13/684,330) 2012-11-23

[11] **2,795,619**
[13] C

[51] **Int.Cl. A61M 1/36 (2006.01)**

[25] EN

[54] **A METHOD AND A DEVICE FOR MONITORING A STATE OF A BLOOD LINE IN A MACHINE FOR EXTRACORPOREAL BLOOD TREATMENT**

[54] **METHODE ET DISPOSITIF POUR SURVEILLER L'ETAT D'UNE LIGNE A SANG DANS UNE MACHINE DE TRAITEMENT EXTRACORPOREL DU SANG**

[72] SUFFRITTI, MAURO, IT
[72] LIZZI, MARCO, IT
[73] GAMBRO LUNDIA AB, SE

[85] 2012-10-04
[86] 2011-04-22 (PCT/IB2011/000883)
[87] (WO2011/135427)
[30] EP (10004477.5) 2010-04-28

[11] **2,796,671**
[13] C

[51] **Int.Cl. F22G 3/00 (2006.01) F22B 1/28 (2006.01) F22B 37/10 (2006.01) F22G 5/00 (2006.01)**

[25] EN

[54] **SUPER HEATED STEAM GENERATORS**

[54] **GENERATEURS DE VAPEUR SURCHAUFFEE**

[72] GRAIBUS, RICHARD B., US
[72] TURNER, JIMMY L., US
[72] MCCULLOUGH, CHARLES T., US
[72] WILLIAMS, DENNIS K., US
[72] SULITIS, EDWARD L., US
[73] TRIMETEOR OIL AND GAS CORPORATION, US

[86] (2796671)
[87] (2796671)
[22] 2012-11-22
[30] US (61/629,802) 2011-11-28
[30] US (13/682,167) 2012-11-20

[11] **2,796,827**
[13] C

[51] **Int.Cl. F22G 5/00 (2006.01) F22G 3/00 (2006.01)**

[25] EN

[54] **METHODS FOR SUPER HEATED STEAM GENERATION**

[54] **METHODE DE PRODUCTION DE VAPEUR SURCHAUFFEE**

[72] GRAIBUS, RICHARD B., US
[72] TURNER, JIMMY L., US
[72] MCCULLOUGH, CHARLES T., US
[72] WILLIAMS, DENNIS K., US
[72] SULITIS, EDWARD L., US
[73] TRIMETEOR OIL AND GAS CORPORATION, US

[86] (2796827)
[87] (2796827)
[22] 2012-11-27
[30] US (61/629,802) 2011-11-28
[30] US (13/684,349) 2012-11-23

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[11] **2,797,193**
[13] C

[51] **Int.Cl. C12P 19/04 (2006.01) C08B 1/00 (2006.01) C12N 9/14 (2006.01) C12P 1/06 (2006.01)**

[25] EN

[54] **DIGESTIBLE LIGNOCELLULOSIC BIOMASS AND EXTRACTIVES AND METHODS FOR PRODUCING SAME**

[54] **BIOMASSE LIGNOCELLULOSIQUE DIGESTIBLE, PRODUITS D'EXTRACTION DU BOIS ET PROCEDES DE PRODUCTION ASSOCIES**

[72] CHUNDAWAT, SHISHIR, US
[72] SOUSA, LEONARDO, US
[72] CHEH, ALBERT M., US
[72] BALAN, VENKATESH, US
[72] DALE, BRUCE, US
[73] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US

[85] 2012-10-19
[86] 2011-04-19 (PCT/US2011/033079)
[87] (WO2011/133571)
[30] US (61/325,560) 2010-04-19

[11] **2,797,500**
[13] C

[51] **Int.Cl. H04N 19/182 (2014.01) H04N 21/80 (2011.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/513 (2014.01) G06K 9/00 (2006.01) H04N 7/15 (2006.01)**

[25] EN

[54] **SKIN TONE AND FEATURE DETECTION FOR VIDEO CONFERENCING COMPRESSION**

[54] **DETECTION DE CARNATION ET DE CARACTERISTIQUES DE LA PEAU POUR UNE COMPRESSION POUR VIDEOCONFERENCE**

[72] DOEPKE, FRANK, US
[73] APPLE INC., US

[85] 2012-10-25
[86] 2010-09-22 (PCT/US2010/049828)
[87] (WO2011/126500)
[30] US (12/755,551) 2010-04-07

[11] **2,799,982**
[13] C

[51] **Int.Cl. F28D 19/04 (2006.01) F28F 5/00 (2006.01) F28F 9/00 (2006.01)**

[25] EN

[54] **A SEAL FOR ENERGY RECOVERY WHEELS HAVING SPACED APART LATERAL WALLS**

[54] **JOINT D'ETANCHEITE POUR ROUES DE RECUPERATION D'ENERGIE AYANT DES PAROIS LATERALES ESPACEES**

[72] JULIEN, MICHEL, CA
[72] DUFF, GABRIEL, CA
[72] BLANCHETTE, DOMINIC, CA
[73] INNERGY TECH INC., CA

[86] (2799982)
[87] (2799982)
[22] 2012-12-17
[30] US (61/579,091) 2011-12-22

[11] **2,800,516**
[13] C

[51] **Int.Cl. E21B 47/06 (2012.01) E21B 10/08 (2006.01) E21B 10/50 (2006.01) E21B 47/12 (2012.01)**

[25] EN

[54] **AT-BIT EVALUATION OF FORMATION PARAMETERS AND DRILLING PARAMETERS**

[54] **EVALUATION AU NIVEAU DU TREPAN DE PARAMETRES DE FORMATION ET DE PARAMETRES DE FORAGE**

[72] KUMAR, SUNIL, DE
[72] JOHN, HENDRIK, DE
[72] SCOTT, DAN, US
[72] DIGIOVANNI, ANTHONY, US
[73] BAKER HUGHES INCORPORATED, US

[85] 2012-10-26
[86] 2011-04-26 (PCT/US2011/033957)
[87] (WO2011/139696)
[30] US (61/328,782) 2010-04-28
[30] US (61/408,144) 2010-10-29
[30] US (61/408,106) 2010-10-29
[30] US (61/408,119) 2010-10-29

[11] **2,800,522**
[13] C

[51] **Int.Cl. C11D 11/00 (2006.01) C11D 1/02 (2006.01) C11D 1/14 (2006.01) C11D 1/29 (2006.01) C11D 1/37 (2006.01) C11D 3/30 (2006.01) C11D 11/04 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING A LIQUID DETERGENT COMPOSITION**

[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DETERGENTE LIQUIDE**

[72] HODSON, STEPHEN JOSEPH, US
[72] PANCHERI, EUGENE JOSEPH, US
[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2012-10-09
[86] 2011-03-31 (PCT/US2011/030625)
[87] (WO2011/133305)
[30] US (61/325,407) 2010-04-19

[11] **2,800,873**
[13] C

[51] **Int.Cl. C09K 8/66 (2006.01) C09K 8/68 (2006.01) C09K 8/84 (2006.01)**

[25] EN

[54] **WELL SERVICING FLUID**

[54] **FLUIDE D'ENTRETIEN DE PUIITS**

[72] GUPTA, SATYANARAYANA D.V., US
[72] CAWIEZEL, KAY ELAINE, US
[73] BAKER HUGHES INCORPORATED, US

[85] 2012-11-26
[86] 2011-04-29 (PCT/US2011/034440)
[87] (WO2011/149618)
[30] US (12/790,577) 2010-05-28

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[11] **2,803,126**
[13] C

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 48/04 (2009.01)**

[25] EN

[54] **METHODS AND APPARATUS TO ACCESS NETWORK CONNECTIVITY INFORMATION USING PREDICTED LOCATIONS**

[54] **PROCEDES ET APPAREILS PERMETTANT D'ACCEDER A DES INFORMATIONS DE CONNECTIVITE D'UN RESEAU EN UTILISANT DES POSITIONS PREDITES**

[72] KENNEDY, RICHARD HOWARD, US

[72] MCCANN, STEPHEN, GB

[72] STEER, DAVID, CA

[72] PURNADI, RENE WARAPUTRA, US

[73] BLACKBERRY LIMITED, CA

[85] 2012-12-18

[86] 2011-06-16 (PCT/US2011/040733)

[87] (WO2011/163055)

[30] US (12/820,883) 2010-06-22

[11] **2,806,533**
[13] C

[51] **Int.Cl. C07C 263/20 (2006.01) C07C 263/04 (2006.01) C07C 265/14 (2006.01)**

[25] EN

[54] **SEPARATION METHOD AND METHOD FOR PRODUCING ISOCYANATE**

[54] **PROCEDE DE SEPARATION ET PROCEDE DE PRODUCTION D'ISOCYANATE**

[72] SHINOHATA, MASAOKI, JP

[72] MIYAKE, NOBUHISA, JP

[73] ASAHI KASEI CHEMICALS CORPORATION, JP

[85] 2013-01-24

[86] 2011-10-04 (PCT/JP2011/072880)

[87] (WO2012/046734)

[30] JP (2010-224877) 2010-10-04

[30] JP (2011-180821) 2011-08-22

[11] **2,806,617**
[13] C

[51] **Int.Cl. F16H 23/04 (2006.01) F16H 21/00 (2006.01) F16H 23/00 (2006.01)**

[25] EN

[54] **FORCE TRANSFER MECHANISM**

[54] **MECANISME DE TRANSFERT DE FORCE**

[72] KIM, YOUNG HEE, KR

[73] KIM, YOUNG HEE, KR

[85] 2013-01-24

[86] 2011-08-26 (PCT/KR2011/006342)

[87] (WO2012/026790)

[30] KR (10-2010-0083687) 2010-08-27

[30] KR (10-2011-0085858) 2011-08-26

[11] **2,806,739**
[13] C

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

[25] EN

[54] **PATH SEARCHING METHOD AND PATH SEARCH DEVICE**

[54] **METHODE DE RECHERCHE DE CHEMIN ET APPAREIL CONNEXE**

[72] TAMAI, KYOHEI, JP

[72] SHINAGAWA, AKIO, JP

[73] FUJITSU LIMITED, JP

[86] (2806739)

[87] (2806739)

[22] 2013-02-19

[30] JP (2012-054604) 2012-03-12

[11] **2,806,991**
[13] C

[51] **Int.Cl. A47F 7/28 (2006.01) A47B 73/00 (2006.01) A47F 5/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR DISPLAYING PRODUCTS ON A SHELF**

[54] **SYSTEME POUR PRESENTER DES PRODUITS SUR UNE TABLETTE**

[72] CAMELLO, ANTHONY, US

[72] NEUMANN, ERIC, US

[72] GOMMERMANN, BRUCE, US

[72] RILEY, DANIEL C., US

[73] DISPLAY TECHNOLOGIES, US

[86] (2806991)

[87] (2806991)

[22] 2013-02-22

[30] US (13/406,949) 2012-02-28

[11] **2,807,592**
[13] C

[51] **Int.Cl. G05G 23/00 (2006.01) H01Q 3/08 (2006.01)**

[25] EN

[54] **ANTI-BACKLASH DEVICE**

[54] **DISPOSITIF ANTI-JEU**

[72] CHRISTIE, NATHAN ANDREW, US

[73] PRO BRAND INTERNATIONAL, INC., US

[85] 2013-02-05

[86] 2011-08-03 (PCT/US2011/046461)

[87] (WO2012/018938)

[30] US (61/371,570) 2010-08-06

[30] US (13/112,111) 2011-05-20

[11] **2,808,138**
[13] C

[51] **Int.Cl. E21B 23/01 (2006.01)**

[25] EN

[54] **DRILLABLE SLIP WITH BUTTONS AND CAST IRON WICKERS**

[54] **COIN DE RETENUE FORABLE POURVU DE BOSSES ET D'ELEMENTS DE RETENUE EN FONTE**

[72] VALENCIA, ANTHONY, US

[72] MANKE, KEVIN RAY, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-02-12

[86] 2011-10-21 (PCT/GB2011/001517)

[87] (WO2012/052726)

[30] US (12/909,348) 2010-10-21

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[11] **2,809,726**
[13] C

[51] **Int.Cl. C08F 220/10 (2006.01) B41C 1/055 (2006.01) B41C 1/10 (2006.01) C08F 212/14 (2006.01) C08F 220/36 (2006.01) C08F 220/38 (2006.01) C08F 220/54 (2006.01) C09D 133/14 (2006.01) G03F 7/00 (2006.01) G03F 7/004 (2006.01)**

[25] EN

[54] **COPOLYMERS FOR NEAR- INFRARED RADIATION- SENSITIVE COATING COMPOSITIONS FOR POSITIVE- WORKING THERMAL LITHOGRAPHIC PRINTING PLATES**

[54] **COPOLYMERES POUR COMPOSITIONS DE REVETEMENT SENSIBLE AU RAYONNEMENT DANS LE PROCHE INFRAROUGE POUR PLAQUES D'IMPRESION LITHOGRAPHIQUE THERMIQUES POSITIVES**

[72] NGUYEN, MY T., CA
[72] PHAN, AKHA, VN
[72] NGUYEN-TRUONG, VIET-THU, VN
[72] LOCAS, MARC-ANDRE, CA
[73] MYLAN GROUP, VN
[85] 2013-02-27
[86] 2010-09-14 (PCT/CA2010/001401)
[87] (WO2011/006265)

[11] **2,809,776**
[13] C

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/145 (2006.01) A61M 5/315 (2006.01)**

[25] EN

[54] **MEDICATION DELIVERY DEVICE**

[54] **DISPOSITIF D'ADMINISTRATION DE MEDICATION**

[72] CHAVEZ, ENRICO, CH
[72] PIOTELAT, SANDRINE, FR
[72] PONGPAIROCHANA, VINCENT, CH
[73] ARES TRADING S.A., CH
[86] (2809776)
[87] (2809776)
[22] 2006-01-23
[62] 2,591,077
[30] EP (05 003 110.3) 2005-02-14

[11] **2,810,019**
[13] C

[51] **Int.Cl. C08G 63/48 (2006.01) B01F 3/08 (2006.01) B01F 7/00 (2006.01) C08J 3/05 (2006.01) C08L 67/08 (2006.01) C09D 167/08 (2006.01)**

[25] FR

[54] **POLYESTER RESINS BASED ON FATTY ACIDS THAT HAVE A SHORT OIL LENGTH, AQUEOUS DISPERSIONS AND ASSOCIATED COATINGS**

[54] **RESINES POLYESTERS A BASE D'ACIDES GRAS DE LONGUEUR EN HUILE COURTE, DISPERSIONS AQUEUSES ET REVETEMENTS LIES**

[72] HERVE, GREGOIRE, FR
[72] BEURDELEY, PATRICIA, FR
[72] KURCZAK, MICHAEL, FR
[73] ARKEMA FRANCE, FR
[85] 2013-02-28
[86] 2011-09-23 (PCT/FR2011/052208)
[87] (WO2012/042153)
[30] FR (1003817) 2010-09-27

[11] **2,810,987**
[13] C

[51] **Int.Cl. C23C 22/40 (2006.01) B32B 15/08 (2006.01)**

[25] EN

[54] **ZINC-BASED METAL COATED STEEL SHEET**

[54] **TOLE EN ACIER GALVANISE**

[72] MATSUDA, TAKESHI, JP
[72] MATSUZAKI, AKIRA, JP
[72] TAKASHIMA, KATSUTOSHI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-03-08
[86] 2011-09-28 (PCT/JP2011/072909)
[87] (WO2012/043868)
[30] JP (2010-220050) 2010-09-29

[11] **2,811,095**
[13] C

[51] **Int.Cl. C25B 1/00 (2006.01) C05C 9/00 (2006.01) C10C 1/00 (2006.01) C10C 1/04 (2006.01) C25B 3/00 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL PROCESS FOR THE PREPARATION OF NITROGEN FERTILIZERS**

[54] **PROCEDE ELECTROCHIMIQUE POUR LA PREPARATION D'ENGRAIS AZOTES**

[72] JIANG, JUNHUA, US
[72] IGNATCHENKO, ALEXEY, US
[72] AULICH, TED, US
[73] ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, US
[85] 2013-03-11
[86] 2011-10-14 (PCT/US2011/056308)
[87] (WO2012/051507)
[30] US (12/905,600) 2010-10-15

[11] **2,811,832**
[13] C

[51] **Int.Cl. F21V 23/00 (2015.01) H05B 37/03 (2006.01)**

[25] EN

[54] **TRANSISTOR BYPASS SHUNTS FOR LED LIGHT STRINGS**

[54] **SHUNTS DE DERIVATION DE TRANSISTOR POUR CHAINES DE LAMPES A DEL**

[72] JANNING, JOHN L., US
[73] JLJ, INC., US
[86] (2811832)
[87] (2811832)
[22] 2013-04-02
[30] US (61/716,501) 2012-10-20
[30] US (61/717,708) 2012-10-24
[30] US (13/672,513) 2012-11-08

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[11] **2,813,515**

[13] C

- [51] **Int.Cl. C12N 7/01 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12Q 1/70 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 40/10 (2006.01) C40B 50/06 (2006.01) C07K 17/00 (2006.01)**
- [25] EN
[54] **T CELL RECEPTOR DISPLAY PRESENTATION DE RECEPTEURS POUR L'ANTIGENE DES LYMPHOCYTES T**
- [72] JAKOBSEN, BENT KARSTEN, GB
[72] ANDERSEN, TORBEN BENT, DK
[72] MOLLOY, PETER EAMON, GB
[72] LI, YI, GB
[72] BOULTER, JONATHAN MICHAEL, GB
- [73] IMMUNOCORE LIMITED, GB
[73] ADAPT IMMUNE LIMITED, GB
- [86] (2813515)
[87] (2813515)
[22] 2003-10-30
[62] 2,505,558
[30] GB (0226227.7) 2002-11-09
[30] GB (0301814.0) 2003-01-25
[30] GB (0304067.2) 2003-02-22
[30] US (60/463,046) 2003-04-16
[30] GB (0311397.4) 2003-05-16
[30] GB (0316356.5) 2003-07-11

[11] **2,813,550**

[13] C

- [51] **Int.Cl. C10B 27/06 (2006.01) C10B 41/08 (2006.01)**
- [25] EN
[54] **COKING PLANT AND METHOD FOR CONTROLLING SAID PLANT INSTALLATION DE COKEFACTION ET PROCEDE DE PILOTAGE DE CETTE INSTALLATION**
- [72] GAILLET, JEAN-PAUL, FR
[72] PETIT, ETIENNE, FR
[72] ISLER, DANIEL, FR
[72] DELINCHANT, JULIETTE, FR
[73] ARCELORMITTAL MAIZIERES RESEARCH SA, FR
- [85] 2013-04-03
[86] 2011-10-05 (PCT/FR2011/000541)
[87] (WO2012/045926)
[30] FR (PCT/FR2010/000663) 2010-10-05

[11] **2,814,182**

[13] C

- [51] **Int.Cl. F25D 29/00 (2006.01)**
- [25] FR
[54] **DEVICE FOR THERMALLY CONDITIONING AN OBJECT, CONDITIONING METHOD**
- [54] **SYSTEME DE CONDITIONNEMENT EN TEMPERATURE D'OBJET, PROCEDE DE CONDITIONNEMENT**
- [72] MEUNIER, HUGO, LU
[72] MEUNIER, MANON, FR
[73] MEUNIER, HUGO, LU
[73] MEUNIER, MANON, FR
- [85] 2013-04-09
[86] 2011-10-11 (PCT/FR2011/000549)
[87] (WO2012/049379)
[30] FR (10/04009) 2010-10-11

[11] **2,815,491**

[13] C

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- [25] EN
[54] **CONTROL SYSTEM WITH SOLID STATE TOUCH SENSOR FOR COMPLEX SURFACE GEOMETRY**
- [54] **SYSTEME DE COMMANDE COMPORTANT UN CAPTEUR TACTILE A SEMI-CONDUCTEURS POUR UNE GEOMETRIE DE SURFACE COMPLEXE**
- [72] WADIA, BAHAR N., US
[73] UICO, INC., US
- [85] 2013-04-22
[86] 2011-10-25 (PCT/US2011/057702)
[87] (WO2012/061141)
[30] US (61/406,337) 2010-10-25

[11] **2,815,495**

[13] C

- [51] **Int.Cl. F03B 3/04 (2006.01) F01D 5/03 (2006.01)**
- [25] EN
[54] **A ROTATING HOUSING TURBINE TURBINE A BOITIER ROTATIF**
- [72] ALLOUCHE, EREZ, US
[72] JAGANATHAN, ARUN P., US
[73] LOUISIANA TECH RESEARCH FOUNDATION; A DIVISION OF LOUISIANA TECH UNIVERSITY FOUNDATION, INC., US
- [85] 2013-04-22
[86] 2011-10-12 (PCT/US2011/055899)
[87] (WO2012/054276)
[30] US (61/405,985) 2010-10-22
[30] US (61/484,842) 2011-05-11

[11] **2,816,676**

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- [51] **Int.Cl. E21B 43/12 (2006.01) F04D 29/046 (2006.01) F16C 17/04 (2006.01)**
- [25] EN
[54] **REDUCED PROFILE ABRASION RESISTANT PUMP THRUST BEARING**
- [54] **PALIER DE BUTEE DE POMPE RESISTANT A L'ABRASION A PROFIL REDUIT**
- [72] BRUNNER, CHRISTOPHER M., US
[72] CHILCOAT, DAVID W., US
[72] IVES, JASON B., US
[73] BAKER HUGHES INCORPORATED, US
- [85] 2013-05-01
[86] 2011-11-02 (PCT/US2011/058886)
[87] (WO2012/061455)
[30] US (12/938,160) 2010-11-02

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[11] **2,817,065**
[13] C

[51] **Int.Cl. C10G 65/12 (2006.01) B01J 23/28 (2006.01) C07C 7/04 (2006.01) C10G 45/08 (2006.01) C10G 67/02 (2006.01)**

[25] EN

[54] **SELECTIVE DESULFURIZATION OF FCC GASOLINE**

[54] **DESULFURATION SELECTIVE D'ESSENCE DE FCC (FLUID CATALYTIC CRACKING - CRAQUAGE CATALYTIQUE DU FLUIDE)**

[72] PODREBARAC, GARY G., US

[72] JUDZIS, ARVIDS, US

[72] HO, PURVIS K., US

[72] SUBRAMANYAM, MAHESH, US

[72] SIMOES, LUIS, US

[73] CATALYTIC DISTILLATION TECHNOLOGIES, US

[85] 2013-05-06

[86] 2011-10-18 (PCT/US2011/056627)

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[30] US (12/944,922) 2010-11-12

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[25] EN

[54] **STYLUS WITH CONTROL RING USER INTERFACE**

[54] **STYLET AVEC INTERFACE UTILISATEUR A ANNEAU DE COMMANDE**

[72] GRIFFIN, JASON TYLER, CA

[72] SHARP, TRACY CHRISTINA, GB

[72] RODRIGUES SIQUEIRA, MARIO DUARTE, GB

[73] BLACKBERRY LIMITED, CA

[86] (2818639)

[87] (2818639)

[22] 2013-06-11

[30] EP (12172299.5) 2012-06-15

[11] **2,821,108**
[13] C

[51] **Int.Cl. F28D 20/00 (2006.01) F25B 30/02 (2006.01)**

[25] EN

[54] **ENERGY STORAGE SYSTEM AND METHOD FOR ENERGY STORAGE**

[54] **SYSTEME ET PROCEDE DE STOCKAGE D'ENERGIE**

[72] GUIDATI, GIANFRANCO LUDOVICO, CH

[73] ALSTOM TECHNOLOGY LTD, CH

[86] (2821108)

[87] (2821108)

[22] 2013-07-16

[30] EP (12177232.1) 2012-07-20

[11] **2,821,919**
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[51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/24 (2006.01) A61K 8/27 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **FLUID ORAL CARE COMPOSITION COMPRISING GELLAN GUM, XANTHAN GUM AND A SODIUM SALT**

[54] **COMPOSITION DE SOIN BUCCAL FLUIDE COMPRENANT DE LA GOMME DE GELLANE, DE LA GOMME DE XANTHANE ET UN SEL DE SODIUM**

[72] NESTA, JASON, US

[72] MARTINETTI, MELISSA A., US

[72] SZEWCZYK, GREGORY, US

[72] PIMENTA, PALOMA, US

[73] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-06-14

[86] 2010-12-23 (PCT/US2010/061956)

[87] (WO2012/087324)

[11] **2,822,356**
[13] C

[51] **Int.Cl. B23B 31/02 (2006.01) B23Q 11/00 (2006.01)**

[25] EN

[54] **CUTTING TOOL HAVING A SHANK-MOUNTED ADJUSTMENT RING**

[54] **OUTIL DE COUPE POSSEDANT UNE BAGUE DE REGLAGE MONTEE SUR QUEUE**

[72] HECHT, GIL, IL

[73] ISCAR LTD., IL

[85] 2013-06-19

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[87] (WO2012/085904)

[30] IL (210165) 2010-12-22

[11] **2,823,956**
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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01) F23J 15/04 (2006.01)**

[25] EN

[54] **PROCESS AND SYSTEM FOR CLEANING A GAS STREAM**

[54] **PROCEDE ET SYSTEME DE NETTOYAGE D'UN COURANT GAZEUX**

[72] DUBE, SANJAY KUMAR, US

[72] MURASKIN, DAVID JAMES, US

[73] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-07-04

[86] 2012-02-07 (PCT/US2012/024082)

[87] (WO2012/112336)

[30] US (13/027,464) 2011-02-15

[11] **2,824,149**
[13] C

[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/34 (2006.01) B01D 53/58 (2006.01) B01D 53/62 (2006.01) B01D 53/75 (2006.01)**

[25] EN

[54] **GAS TREATMENT PROCESS AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE GAZ**

[72] DUBE, SANJAY KUMAR, US

[72] MURASKIN, DAVID JAMES, US

[73] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-07-08

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[11] **2,824,396**
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[25] EN

[54] **PERFORMANCE ENHANCING ADDITIVES FOR FIBER FORMATION AND POLYSULFONE FIBERS**

[54] **ADDITIFS POUR AMELIORER L'EFFICACITE POUR FORMATION DE FIBRES ET FIBRES DE POLYSULFONE**

[72] FORD, CHERYL, US

[72] TEO, JIUNN, US

[72] SCHMIDT, LESLIE, US

[73] FRESenius MEDICAL CARE HOLDINGS, INC., US

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[54] **SUBSEA HYDROCARBON RECOVERY**

[54] **RECUPERATION SOUS-MARINE D'HYDROCARBURES**

[72] NOBLE, PETER G., US

[72] SHAFER, RANDALL S., US

[73] CONOCOPHILLIPS COMPANY, US

[85] 2013-08-28

[86] 2012-03-16 (PCT/US2012/029472)

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[11] **2,828,743**
[13] C

[51] **Int.Cl. B32B 3/10 (2006.01) B27M 3/06 (2006.01) B32B 3/08 (2006.01) B32B 21/00 (2006.01) B32B 37/24 (2006.01) E04F 15/02 (2006.01)**

[25] EN

[54] **FLEXIBLE WOOD STRIPS SHEET, MACHINE AND METHOD OF MANUFACTURE**

[54] **FEUILLE DE BANDES DE BOIS FLEXIBLES, MACHINE ET PROCEDE DE FABRICATION**

[72] ROY, FRANCOIS, CA

[72] CLOUTIER, JONATHAN, CA

[72] TANGUAY, VINCENT, CA

[73] BOA-FRANC, CA

[86] (2828743)

[87] (2828743)

[22] 2013-09-30

[30] US (13/966,396) 2013-08-14

[11] **2,829,190**
[13] C

[51] **Int.Cl. G03G 9/08 (2006.01) G03G 15/08 (2006.01)**

[25] EN

[54] **TONER, IMAGE FORMING APPARATUS, AND PROCESS CARTRIDGE**

[54] **TONER, APPAREIL DE FORMATION D'IMAGE ET CARTOUCHE DE TRAITEMENT**

[72] KADOTA, TAKUYA, JP

[72] MIKURIYA, YOSHIHIRO, JP

[72] NOZAKI, TSUYOSHI, JP

[72] ISHIKAWA, YOSHIMICHI, JP

[72] FUWA, KAZUOKI, JP

[72] FUKAO, TOMOHIRO, JP

[72] MIKI, TOMOHARU, JP

[72] HAGI, MASAYUKI, JP

[72] SHONO, HIDEKAZU, JP

[72] HAMADA, MANABU, JP

[72] SAKUMA, TETSUSHI, JP

[73] RICOH COMPANY, LTD., JP

[85] 2013-09-05

[86] 2012-03-09 (PCT/JP2012/056787)

[87] (WO2012/121421)

[30] JP (2011-051047) 2011-03-09

[30] JP (2012-046346) 2012-03-02

[11] **2,829,216**
[13] C

[51] **Int.Cl. B02C 23/00 (2006.01)**

[25] EN

[54] **RELIEF SPRING STOP BOLT ASSEMBLY FOR SHALLOW BOWL MILLS**

[54] **ENSEMBLE DE BOULON D'ARRET A RESSORT EN RELIEF POUR BROyeurs PEU PROFONDS**

[72] FARRIS, LAWRENCE SCOTT, US

[72] WILLIAMS, TODD G., US

[73] ALSTOM TECHNOLOGY LTD, CH

[86] (2829216)

[87] (2829216)

[22] 2013-10-02

[30] US (61/710,406) 2012-10-05

[30] US (14/038,211) 2013-09-26

[11] **2,829,911**
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[51] **Int.Cl. C09K 17/14 (2006.01) C09K 3/22 (2006.01)**

[25] EN

[54] **A CHEMICAL METHOD FOR SOIL IMPROVEMENT**

[54] **PROCEDE CHIMIQUE POUR AMENDEMENT DU SOL**

[72] VITALE, ROBERT W., US

[72] HAWKINS, TODD R., US

[72] BRANGAN, C. DAVID, US

[73] MIDWEST INDUSTRIAL SUPPLY, INC., US

[86] (2829911)

[87] (2829911)

[22] 2010-01-29

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[25] EN

[54] **METHOD AND SYSTEM FOR THE SUSTAINABLE COOLING OF INDUSTRIAL PROCESSES**

[54] **PROCEDE ET SYSTEME POUR REFROIDISSEMENT ECOLOGIQUE DE PROCESSUS INDUSTRIELS**

[72] FISCHMANN, T., FERNANDO, CL

[73] CRYSTAL LAGOONS (CURACAO) B.V., NL

[85] 2013-09-12

[86] 2011-09-12 (PCT/US2011/051229)

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[30] US (61/469,526) 2011-03-30

[30] US (13/195,695) 2011-08-01

[11] **2,832,758**
[13] C

[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/44 (2006.01) A61K 31/505 (2006.01) A61P 9/12 (2006.01)**

[25] EN

[54] **ANTIHYPERTENSIVE PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE ANTIHYPERTENSIVE**

[72] KIM, SEUNG HO, KR

[72] KIM, JI HAN, KR

[72] YU, KYUNG SANG, KR

[72] JANG, IN JIN, KR

[72] SHIN, SANG GOO, KR

[72] YOON, SEO HYUN, KR

[72] CHO, JOO YOUN, KR

[72] KIM, TAE EUN, KR

[72] YI, SO JEONG, KR

[72] PAIK, SOO HEUI, KR

[72] CHI, YONG HA, KR

[72] LEE, JOO HAN, KR

[72] NAM, KYUNG WAN, KR

[72] KIM, JE HAK, KR

[73] BORYUNG PHARMACEUTICAL CO., LTD., KR

[85] 2013-10-08

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[87] (WO2012/141385)

[30] KR (10-2011-0033856) 2011-04-12

[11] **2,833,354**
[13] C

[51] **Int.Cl. A61M 5/142 (2006.01) A61F 9/00 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **MEMS DEVICE AND METHOD FOR DELIVERY OF THERAPEUTIC AGENTS**

[54] **DISPOSITIF MEMS ET PROCEDE DE LIVRAISON D'AGENTS THERAPEUTIQUES**

[72] MENG, ELLIS, US

[72] TAI, YU-CHONG, US

[72] HUMAYUN, MARK S., US

[72] AGRAWAL, RAJAT, US

[72] LO, RONALEE, US

[72] SHIH, JASON, US

[72] KUWAHARA, KENRICK, US

[72] LI, PO-YING, US

[72] RODGER, DAMIEN, US

[72] CHEN, PO-JUI, US

[73] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[86] (2833354)

[87] (2833354)

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[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/915 (2013.01)**

[25] EN

[54] **INTRALUMINAL MEDICAL DEVICE WITH NESTED INTERLOCKING SEGMENTS**

[54] **DISPOSITIF MEDICAL INTRALUMINAL A SEGMENTS NICHES EMBOITES**

[72] BONSIGNORE, CRAIG, US

[73] NITINOL DEVELOPMENT CORPORATION, US

[86] (2833491)

[87] (2833491)

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[30] US (11/237,574) 2005-09-28

[11] **2,834,715**
[13] C

[51] **Int.Cl. E21B 19/10 (2006.01) E21B 19/02 (2006.01)**

[25] EN

[54] **EASY DRILL SLIP WITH DEGRADABLE MATERIALS**

[54] **COIN DE RETENUE POUR FORAGE FACILE COMPORTANT DES MATERIAUX DEGRADABLES**

[72] XU, RICHARD YINGQING, US

[72] XU, ZHIYUE, US

[73] BAKER HUGHES INCORPORATED, US

[85] 2013-10-29

[86] 2012-03-28 (PCT/US2012/030839)

[87] (WO2012/158261)

[30] US (13/111,181) 2011-05-19

[11] **2,834,730**
[13] C

[51] **Int.Cl. H04N 21/4788 (2011.01) H04N 21/466 (2011.01)**

[25] EN

[54] **APPARATUS, SYSTEMS AND METHODS FOR FACILITATING SOCIAL NETWORKING VIA A MEDIA DEVICE**

[54] **APPAREIL, SYSTEMES ET PROCEDES PERMETTANT DE FACILITER UN RESEAUTAGE SOCIAL PAR L'INTERMEDIAIRE D'UN DISPOSITIF MULTIMEDIA**

[72] RUSSELL, MARY J., US

[72] BRADBERRY, THOMAS GREGORY, US

[73] ECHOSTAR TECHNOLOGIES L.L.C., US

[85] 2013-10-29

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[13] C

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[54] **METHOD AND SYSTEM FOR FRACKING AND COMPLETING WELLS**
[54] **PROCEDE ET SYSTEME DE FRACTURATION ET DE COMPLETION DE Puits**
[72] BASKI, HENRY A., US
[73] BASKI, INC., US
[85] 2013-11-04
[86] 2012-05-10 (PCT/US2012/037273)
[87] (WO2012/154932)
[30] US (61/484,792) 2011-05-11

[11] **2,835,987**
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[51] **Int.Cl. B65C 9/44 (2006.01) B65C 9/46 (2006.01) B01L 3/14 (2006.01)**
[25] EN
[54] **LABEL HAVING ALIGNMENT INFORMATION**
[54] **ETIQUETTE COMPORTANT DES INFORMATIONS D'ALIGNEMENT**
[72] GOLABEK, ROBERT S., JR., US
[72] SHEA, CATHY, US
[72] SWENSON, KIRK D., US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2835987)
[87] (2835987)
[22] 2006-05-02
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[11] **2,836,193**
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[51] **Int.Cl. G01T 7/00 (2006.01) G01T 7/12 (2006.01) H04N 5/30 (2006.01)**
[25] EN
[54] **DEVICE, METHOD AND SYSTEM FOR DETECTING NUCLEAR RADIATION LEVELS**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DE DETECTION DE NIVEAUX DE RAYONNEMENT NUCLEAIRE**
[72] KALETSCH, KAI, CA
[73] KALETSCH, KAI, CA
[85] 2013-11-14
[86] 2012-05-16 (PCT/CA2012/000469)
[87] (WO2013/170336)

[11] **2,836,867**
[13] C

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[25] EN
[54] **METHOD OF MANUFACTURING GAS TANK**
[54] **PROCEDE DE FABRICATION D'UN RESERVOIR DE GAZ**
[72] EMORI, SAKUMA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2013-11-20
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[87] (WO2012/160640)

[11] **2,837,179**
[13] C

[51] **Int.Cl. G01S 3/52 (2006.01) G01S 19/36 (2010.01) G01S 19/53 (2010.01)**
[25] EN
[54] **DETERMINING SPATIAL ORIENTATION INFORMATION OF A BODY FROM MULTIPLE ELECTROMAGNETIC SIGNALS**
[54] **DETERMINATION DES INFORMATIONS D'ORIENTATION SPATIALE D'UN CORPS A PARTIR DE MULTIPLES SIGNAUX ELECTROMAGNETIQUES**
[72] WELLINGTON, ROBERT J., US
[73] WELLINGTON, ROBERT J., US
[85] 2013-11-22
[86] 2011-05-18 (PCT/US2011/036993)
[87] (WO2011/149738)
[30] US (12/786,137) 2010-05-24

[11] **2,837,510**
[13] C

[51] **Int.Cl. E21B 34/12 (2006.01) E21B 19/16 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **METHOD OF REDUCING DEFLECTION THROUGH A ROD PISTON IN A SUBSURFACE SAFETY VALVE**
[54] **PROCEDE DE REDUCTION DE LA DEFLEXION A TRAVERS UNE TIGE-PISTON DANS UNE SOUPAPE DE SURETE SUBSUPERFICIELLE**
[72] BURRIS, JOHN E., US
[72] THOMPSON, GRANT R., US
[72] ANDERSON, DAVID Z., US
[72] SLOAN, JAMES T., US
[72] PEOPLES, BROCK ALAN, US
[72] LOWRY, DOUG A., US
[72] COGHILL, ANTHONY S., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-11-26
[86] 2012-05-31 (PCT/US2012/040226)
[87] (WO2012/166930)
[30] US (13/151,897) 2011-06-02

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[13] C

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[25] EN
[54] **FULLY AUTOMATIC SELF-SERVICE KEY DUPLICATING KIOSK**
[54] **KIOSQUE A DUPLIQUER LES CLES EN LIBRE SERVICE COMPLETEMENT AUTOMATIQUE**
[72] FREEMAN, DANIEL, US
[73] MINUTE KEY INC., US
[85] 2013-11-28
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[54] **HEEL ULCER PREVENTION AND CUSHIONING BOOT**
[54] **BOTTE A COUSSINAGE ET A PREVENTION D'ULCERE DE TALON**
[72] PONSİ, LAWRENCE G., US
[72] HANIFL, PAUL, US
[73] SAGE PRODUCTS, LLC, US
[86] (2838383)
[87] (2838383)
[22] 2008-05-13
[62] 2,631,308
[30] US (11/828,142) 2007-07-25

[11] **2,838,419**
[13] C
[51] **Int.Cl. B42D 15/02 (2006.01) A63H 33/00 (2006.01)**
[25] EN
[54] **MOTORIZED GIFT PACKAGE ACCESSORY**
[54] **ACCESSOIRE DE PAQUET-CADEAU MOTORISE**
[72] COUGHLIN, SHEILA, US
[72] BEGIN, ANTHONY, US
[72] MARSH, ALLISON, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2838419)
[87] (2838419)
[22] 2014-01-03
[30] US (13/828,200) 2013-03-14

[11] **2,843,201**
[13] C
[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **TIME SYNCHRONIZATION METHOD AND SYSTEM, AND NODE DEVICE**
[54] **PROCEDE ET SYSTEME DE SYNCHRONISATION TEMPORELLE, ET DISPOSITIF DE NOEUD**
[72] SHEN, XINYU, CN
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[72] LI, CONGQI, CN
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[72] PAN, CHI, US
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[54] **PROCEDE DE TRAITEMENT DE BITUME DILUE A FORTE TENEUR EN PARAFFINE**
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[72] CHETA, ILIE, CA
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[54] **MECHANICAL LOCKING OF FLOOR PANELS WITH A FLEXIBLE BRISTLE TONGUE**

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[72] PAISSON, AGNE, SE

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[72] FIELDS, WILLIAM A., US

[73] SURTEC, INC., US

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[54] **PLAQUE DE BASE TIBIALE AVEC PLACEMENT ASYMETRIQUE DE STRUCTURES DE FIXATION**

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[73] RHEAVENDORS SERVICES S.P.A., IT

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[72] GINTER, HERBERT, DE

[73] HILTI AKTIENGESELLSCHAFT, LI

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[54] **ELEMENT D'ECHANGE DE CHALEUR A ENTHALPIE ET PROCEDE DE PRODUCTION**

[72] RIENDEAU, MARCEL, CA

[73] WESTWIND LTD., GB

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[54] **PROCEDE ET APPAREIL POUR COMMANDER UN MOTEUR BICOMBUSTIBLE ENTRE LES MODES DE FONCTIONNEMENT**

[72] CARVALHO, STEED, CA

[72] LEE, KEVIN D., CA

[72] GHAZI, AHMAD, CA

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[54] **PROCEDE ET SYSTEME POUR PULSER UNE SOURCE LUMINEUSE A DEL**
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[73] ZHENG, MING, CA
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[54] **COMPOSANTES DE CORPS DE LOQUET AYANT PLUSIEURS FONCTIONS ET DISPOSITIF DE TETE DE FORAGE RENFERMANT LESDITES COMPOSANTES**
[72] IONDOV, GEORGE, CA
[72] DRENTH, CHRISTOPHER L., US
[72] LACHANCE, ANTHONY, CA
[73] LONGYEAR TM, INC., US
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[72] WHITE, PAUL H., US
[72] TEMBLADOR, RICHARD, US
[72] MERCIER, DAVID, US
[72] ARMSTRONG, JOHN, US
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[54] **SYSTEME DE DISTRIBUTION DE PROJECTILES ET SON UTILISATION**
[72] HOCHFELLNER, JOHN, CA
[72] LILLIE, KEVIN, CA
[72] MARSHALL, DAVE, CA
[73] ENVIROLOGICS ENGINEERING INC., CA
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[72] KENNEDY, BROOK, US
[72] CEDAR, JONATHAN, US
[72] KELLY, COLIN, US
[72] PHIPPS, TROY, US
[72] VERNON, RYAN, US
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[72] FREITAG, ERIC, US
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[73] STERIS INC., US
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[71] THORNBACK, WILLIAM J., CA
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[72] CHAN, STEPHEN S. L., CA
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[54] **SYSTEME INFORMATIQUE ET PROCEDE DE REDACTION AUTOMATISEE DE L'AUTOBIOGRAPHIE D'UN UTILISATEUR**
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[54] **SOLUTION DE PLATEAU ET MANCHON D'EMBALLAGE D'ALIMENT DOTE DE UN AJUSTEMENT A FRICTION ENTRE LE MANCHON ET LES BRIDES EXTERNES ELASTIQUES DU PLATEAU**
[72] CHEUNG, STEPHEN C.H., CA
[72] FUNG, JOHNNY Y.S., CA
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[54] **SUSPENSION SYSTEM FOR MOTOR VEHICLES**
[54] **MECANISME DE SUSPENSION POUR VEHICULES A MOTEUR**
[72] DRAPEAU, DANIEL, CA
[71] EQUIPEMENTS FDS INC., CA
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[72] ROY, KEVIN S., CA
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[54] **SUPPORT ET DISPOSITIF DE SUPPORT FORMES D'ELEMENTS STRUCTURELS RELIES**
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[54] **CONDITIONNEMENT DE CATHETER DOTE D'UN DISPOSITIF DE CONTROLE DE MOUVEMENT**
[72] PALMER, TIMOTHY, US
[71] CURE MEDICAL, LLC, US
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[54] **MACHINE DE TRAVAIL, EN PARTICULIER UN CAMION A BENNE OU UN CAMION**
[72] HOFFMANN, SEBASTIEN NICOLAS, FR
[72] KUGELSTADT, KAI, DE
[72] RICHTHAMMER, BURKHARD, DE
[71] LIEBHERR-MINING EQUIPMENT COLMAR SAS, FR
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[72] HOFFMANN, SEBASTIAN NICHOLAS, FR
[72] KUGELSTADT, KAI, FR
[72] RICHTHAMMER, BURKHARD, DE
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[54] **CONNECTIVITY TEST**
[54] **APPAREIL ET METHODE DESTINES A UN TEST DE CONNECTIVITE DE VERIFICATION AUDIO D'ALARME WIFI DE PANNEAU D'ALARME**
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[72] BARRETT, MICHAEL EVERALD, US
[72] JORDAN, RAYMOND J., US
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[54] **FLOCCULANTS ET METHODES DE RECUPERATION DE BITUME DES SABLES BITUMINEUX**
[72] KUZNETSOV, OLEKSANDR V., US
[72] Khabashesku, VALERY N., US
[72] MAZYAR, OLEG A., US
[72] AGRAWAL, DEVESH KUMAR, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **COMBUSTOR DOTE D'UNE CHEMISE REVETUE DE CERAMIQUE**
[72] VETTERS, DANIEL K., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[13] A1

[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/08 (2006.01) A61C 13/34 (2006.01) A61C 19/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A DENTAL RESTORATION AS WELL AS DENTAL CERAMICS PRODUCTION DEVICE**
[54] **PROCEDE DE FABRICATION D'UNE RESTAURATION DENTAIRE AINSI QUE DISPOSITIF DE PRODUCTION DE PRODUIT CERAMIQUE DENTAIRE**
[72] EBERT, JORG, CH
[72] VOIGT, OLIVER, CH
[72] GRUNENFELDER, ROBERT, LI
[72] SPECHT, TOBIAS, LI
[71] IVOCLAR VIVADENT AG, LI
[22] 2015-06-02
[41] 2015-12-05
[30] EP (14 171 268.7) 2014-06-05

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29 novembre 2015 au 5 décembre 2015**

[21] **2,893,391**
[13] A1

[51] **Int.Cl. C08G 59/50 (2006.01) B32B 27/38 (2006.01) B32B 37/15 (2006.01) C14B 7/00 (2006.01)**

[25] EN

[54] **HYBRID EPOXY-AMINE HYDROXYURETHANE-GRAFTED POLYMER**

[54] **POLYMERE GREFFE D'HYDROXY-URETHANE A L'EPOXY-AMINE HYBRIDE**

[72] FIGOVSKY, OLEG, IS

[72] LEYKIN, ALEXANDER, IL

[72] SHAPOVALOV, LEONID, IL

[72] BIRUKOV, OLGA, IL

[71] HYBRID COATINGS CANADA INC., CA

[22] 2015-06-02

[41] 2015-12-05

[30] US (14/296,478) 2014-06-05

[21] **2,893,531**
[13] A1

[51] **Int.Cl. A47B 96/06 (2006.01) A47B 47/00 (2006.01) A47B 47/05 (2006.01) F16B 9/00 (2006.01) F16B 12/02 (2006.01) F16B 12/42 (2006.01)**

[25] EN

[54] **SHELVING WITH MOLDED END CAPS**

[54] **RAYONNAGE DOTE DE CAPUCHONS D'EXTREMITE MOULES**

[72] REINHART, NICKOLAS, US

[71] CREATIVE PLASTIC CONCEPTS, LLC, US

[22] 2015-06-04

[41] 2015-12-05

[30] US (62/008,200) 2014-06-05

[21] **2,893,688**
[13] A1

[51] **Int.Cl. A47B 96/02 (2006.01) A47B 47/04 (2006.01) A47B 57/06 (2006.01) A47B 96/06 (2006.01)**

[25] EN

[54] **MODULAR SHELVING**

[54] **RAYONNAGE MODULAIRE**

[72] REINHART, NICKOLAS, US

[71] CREATIVE PLASTIC CONCEPTS, LLC, US

[22] 2015-06-04

[41] 2015-12-05

[30] US (62/008,186) 2014-06-05

[21] **2,893,720**
[13] A1

[51] **Int.Cl. F16B 1/00 (2006.01)**

[25] EN

[54] **A ROOT BUSHING FOR A BLADE ROOT OF A WIND TURBINE ROTOR BLADE, A BLADE ROOT, A WIND TURBINE ROTOR BLADE AND A WIND TURBINE**

[54] **RACCORD DE REDUCTION DE PIED POUR PIED DE PALE D'UNE PALE DE ROTOR D'EOLIENNE, UN PIED DE PALE, UNE PALE DE ROTOR D'EOLIENNE ET UNE EOLIENNE**

[72] KRATMANN, KASPER KOOPS, DK

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[22] 2015-06-03

[41] 2015-12-05

[30] EP (14171375.0) 2014-06-05

[21] **2,893,763**
[13] A1

[51] **Int.Cl. E04D 3/40 (2006.01) E04D 3/00 (2006.01) E04D 3/36 (2006.01)**

[25] EN

[54] **MULTI-ELEMENT ROOFING PANEL**

[54] **PANNEAU DE TOITURE MULTI-ELEMENT**

[72] MAURER, MICHAEL W., US

[72] MICHALSKI, MATTHEW JASON, US

[72] ALLEN, CLYDE G., US

[72] JACKSON, MATTHEW M., US

[72] O'SHEA, KYLE P., US

[72] GREENWAY, NATHAN D., US

[71] TAPCO INTERNATIONAL CORPORATION, US

[22] 2015-06-03

[41] 2015-12-05

[30] US (61/008,427) 2014-06-05

[30] US (14/727,084) 2015-06-01

[21] **2,893,984**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **SOCIAL NETWORK MESSAGING WITH INTEGRATED ADVERTISING**

[54] **MESSAGERIE SUR RESEAU SOCIAL COMPORTANT DE LA PUBLICITE INTEGREE**

[72] ITWARU, MARK, CA

[71] RIAVERA CORP., CA

[22] 2015-06-04

[41] 2015-12-05

[30] US (62/008,203) 2014-06-05

[21] **2,893,773**
[13] A1

[51] **Int.Cl. A47L 13/16 (2006.01) A47L 13/44 (2006.01) B08B 13/00 (2006.01)**

[25] EN

[54] **HANDHELD CLEANING DEVICE FOR USE WITH DISPOSABLE CLEANING TOWEL**

[54] **APPAREIL DE NETTOYAGE MANUEL CONCU POUR UNE LINGETTE NETTOYANTE JETABLE**

[72] BUTTS, MARK, US

[72] TADIN, JEFF, US

[71] BUTLER HOME PRODUCTS, LLC, US

[22] 2015-06-03

[41] 2015-12-04

[30] US (62/007,521) 2014-06-04

[21] **2,893,867**
[13] A1

[51] **Int.Cl. F02M 59/36 (2006.01) F02M 51/00 (2006.01) F02M 57/02 (2006.01) F02M 59/46 (2006.01)**

[25] EN

[54] **FUEL CONTROL VALVE**

[54] **ROBINET DE COMMANDE CARBURANT**

[72] TEERMAN, RICHARD F., US

[72] PHAM, ANH, US

[71] BUESCHER DEVELOPMENTS, LLC, US

[22] 2015-06-05

[41] 2015-12-05

[30] US (14/296,688) 2014-06-05

[21] **2,893,984**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **SOCIAL NETWORK MESSAGING WITH INTEGRATED ADVERTISING**

[54] **MESSAGERIE SUR RESEAU SOCIAL COMPORTANT DE LA PUBLICITE INTEGREE**

[72] ITWARU, MARK, CA

[71] RIAVERA CORP., CA

[22] 2015-06-04

[41] 2015-12-05

[30] US (62/008,203) 2014-06-05

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[21] **2,894,059**

[13] A1

[51] **Int.Cl. B62D 25/02 (2006.01) B32B
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[25] EN

[54] **COMPOSITE PANEL EDGE
TREATMENTS AND JOINTS AND
CARGO BODY HAVING SAME**

[54] **TRAITEMENT DE BORD DE
PANNEAU COMPOSITE, ET
JOINTS ET CORPS DE CARGO EN
COMPORANT**

[72] FENTON, GARY L., US

[71] STI HOLDINGS, INC., US

[22] 2015-06-04

[41] 2015-12-04

[30] US (62/007,807) 2014-06-04

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[21] **2,895,668**
[13] A1
[51] **Int.Cl. A41D 1/08 (2006.01) A41B 11/00 (2006.01) A41D 13/06 (2006.01) A41D 17/02 (2006.01)**
[25] EN
[54] **EXERCISE GARMENTS WITH INTEGRATED LEGWARMERS**
[54] **VETEMENTS D'EXERCICE COMPORTANT DES CUISSARDES INTEGREES**
[72] HARRIS, DANIEL, US
[72] DEGEORGE, MARCO, US
[71] COLOR IMAGE APPAREL, INC., US
[85] 2015-06-26
[86] 2015-05-18 (PCT/US2015/031364)
[87] (2895668)
[30] US (14/292,655) 2014-05-30

[21] **2,897,331**
[13] A1
[51] **Int.Cl. F21V 29/70 (2015.01) H01L 33/64 (2010.01) F21V 29/71 (2015.01) F21V 29/83 (2015.01)**
[25] EN
[54] **LED LIGHTING APPARATUS**
[54] **APPAREIL D'ECLAIRAGE A DEL**
[72] LEE, DONG JU, KR
[71] ICEPIPE CORPORATION, KR
[85] 2015-07-16
[86] 2014-11-03 (PCT/KR2014/010454)
[87] (2897331)
[30] KR (10-2014-0067124) 2014-06-02

[21] **2,904,527**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-CD25 ANTIBODIES AND THEIR USES**
[54] **ANTICORPS ANTI-CD25 ET LEURS UTILISATIONS**
[72] AKAMATSU, YOSHIKO, US
[72] HARDING, FIONA A., US
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029547)
[87] (WO2014/144935)
[30] US (61/798,547) 2013-03-15

[21] **2,905,682**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/711 (2006.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MICRORNA-BASED APPROACH TO TREATING MALIGNANT PLEURAL MESOTHELIOMA**
[54] **APPROCHE A BASE DE MICROARN POUR TRAITER UN MESOTHELIOME PLEURAL MALIN**
[72] REID, GLEN, AU
[72] VAN ZANDWIJK, NICO, AU
[71] ASBESTOS DISEASES RESEARCH FOUNDATION, AU
[85] 2015-09-11
[86] 2014-03-12 (PCT/IB2014/000723)
[87] (WO2014/140797)
[30] US (13/801,010) 2013-03-13

[21] **2,906,373**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DETECTION OF NEISSERIA GONORRHOEAES**
[54] **DETECTION DE NEISSERIA GONORRHOEA**
[72] THORNTON, KEITH EDWARD, US
[72] MADEPOGU, PAUL, US
[72] KOFFENBERGER, DANIELLE, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2015-09-14
[86] 2014-03-07 (PCT/US2014/021949)
[87] (WO2014/150037)
[30] US (61/798,757) 2013-03-15

[21] **2,907,693**
[13] A1
[51] **Int.Cl. A61K 38/19 (2006.01) A61K 9/00 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **LYOPHILISATE CONTAINING A CYCLIC PEPTIDE OF FORMULA X1-GQRETPEGAEAKPWY-X2**
[54] **LYOPHILISAT CONTENANT UN PEPTIDE CYCLIQUE DE FORMULE X1 - GQRETPEGAEAKPWY-X2**
[72] FISCHER, BERNHARD, AT
[72] LUCAS, RUDOLF, US
[71] APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH, AT
[85] 2015-09-21
[86] 2014-04-18 (PCT/EP2014/058010)
[87] (WO2014/173842)
[30] EP (13164829.7) 2013-04-23

[21] **2,907,865**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SINGLE NUCLEOTIDE DETECTION METHOD**
[54] **PROCEDE DE DETECTION DE NUCLEOTIDES SIMPLES**
[72] FRAYLING, CAMERON ALEXANDER, GB
[72] BALMFORTH, BARNABY, GB
[72] SOARES, BRUNO FLAVIO NOGUEIRA DE SOUSA, GB
[72] ISAAC, THOMAS HENRY, GB
[72] BREINER, BORIS, GB
[72] NATALE, ALESSANDRA, GB
[72] AMASIO, MICHELE, GB
[72] DEAR, PAUL, GB
[71] BASE4 INNOVATION LTD, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2015-09-23
[86] 2014-04-09 (PCT/GB2014/051105)
[87] (WO2014/167323)
[30] GB (1306444.9) 2013-04-09

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[21] **2,908,042**
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 31/675 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHOD FOR IMPROVING THE EFFICACY OF A SURVIVIN VACCINE IN THE TREATMENT OF CANCER**

[54] **METHODE D'AMELIORATION DE L'EFFICACITE D'UN VACCIN A BASE DE SURVIVINE POUR LE TRAITEMENT DU CANCER**

[72] MANSOUR, MARC, CA
[72] BERINSTEIN, NEIL L., CA
[72] WEIR, GENEVIEVE MARY, CA
[72] STANFORD, MARIANNE M., CA
[71] IMMUNOVACCINE TECHNOLOGIES INC., CA

[85] 2015-09-25
[86] 2013-03-27 (PCT/CA2013/050248)
[87] (WO2014/153636)

[21] **2,908,114**
[13] A1

[51] **Int.Cl. A61K 8/99 (2006.01) A61K 8/31 (2006.01) A61K 8/33 (2006.01) A61K 8/36 (2006.01) A61K 8/46 (2006.01) A61K 8/49 (2006.01) A61K 8/64 (2006.01) A61K 8/67 (2006.01) A61K 35/74 (2015.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **EXTRAIT D'ARTHROBACTER AGILIS POUR SON UTILISATION NOTAMMENT EN COSMETIQUE**

[54] **COSMETIC, PHARMACEUTICAL OR FOOD COMPOSITION INCLUDING AN EXTRACT OF ARTHROBACTER AGILIS RICH IN CAROTENOIDS**

[72] THOREL, JEAN-NOEL, FR
[72] PELLAY, FRANCOIS-XAVIER, FR
[71] THOREL, JEAN-NOEL, FR

[85] 2015-09-25
[86] 2014-04-09 (PCT/FR2014/050852)
[87] (WO2014/167247)
[30] FR (1353200) 2013-04-09

[21] **2,908,391**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS OF TREATING CANCER**

[54] **METHODS DE TRAITEMENT DU CANCER**

[72] HAMBLETON, JULIE, US
[72] BLEAM, MAUREEN R., GB
[72] DEYOUNG, MAURICE P., GB
[72] FERRON-BRADY, GERALDINE, GB
[72] KUMAR, RAKESH, GB
[72] OTTESEN, LONE, GB
[71] FIVE PRIME THERAPEUTICS, INC., US

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB

[85] 2015-09-29
[86] 2014-04-30 (PCT/US2014/036140)
[87] (WO2014/179448)
[30] US (61/818,220) 2013-05-01
[30] US (61/831,029) 2013-06-04

[21] **2,908,406**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01)**

[25] EN

[54] **MODULATION OF STRUCTURED POLYPEPTIDE SPECIFICITY**

[54] **MODULATION DE LA SPECIFICITE POLYPEPTIDIQUE STRUCTUREE**

[72] TEUFEL, DANIEL PAUL, DE
[72] STACE, CATHERINE, GB
[72] WALKER, EDWARD, GB
[72] TITE, JOHN, GB
[71] BICYCLE THERAPEUTICS LIMITED, GB

[85] 2015-09-29
[86] 2014-04-11 (PCT/EP2014/057440)
[87] (WO2014/167122)
[30] GB (1306623.8) 2013-04-11

[21] **2,908,752**
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01) C07K 16/00 (2006.01) C07K 16/14 (2006.01)**

[25] FR

[54] **METHOD FOR DETECTING TRICHOPHYTONS AND ASSOCIATED DISEASES**

[54] **PROCEDE DE DETECTION DE TRICHOPHYTONS ET DE PATHOLOGIES ASSOCIEES**

[72] JOMARD, ANDRE, FR
[72] MEHUL, BRUNO, FR
[72] ROYE, OLIVIER, FR
[72] LAFFET, GILBERT, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR

[85] 2015-06-15
[86] 2013-12-17 (PCT/EP2013/076939)
[87] (WO2014/095891)
[30] FR (1262652) 2012-12-21
[30] US (61/745912) 2012-12-26

[21] **2,909,045**
[13] A1

[51] **Int.Cl. C07K 14/575 (2006.01) A61K 38/00 (2006.01) A61K 38/22 (2006.01)**

[25] EN

[54] **THERAPEUTIC PEPTIDES**

[54] **PEPTIDES THERAPEUTIQUES**

[72] DOCK, STEVEN THOMAS, US
[72] CARPENTER, ANDREW JAMES, US
[72] HUNTER, ROBERT NEIL, III, US
[72] WU, YULIN, US
[72] SRIVASTAVA, VED P., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB

[85] 2015-10-07
[86] 2014-04-30 (PCT/IB2014/061123)
[87] (WO2014/178018)
[30] US (61/818,624) 2013-05-02

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[21] **2,909,225**
[13] A1

[51] **Int.Cl. C12N 7/04 (2006.01) A61P 35/00 (2006.01) C12N 7/01 (2006.01)**
[25] EN
[54] **MUTANT VACCINIA VIRUS STRAINS, USES THEREOF AND METHOD OF PRODUCING THE SAME**
[54] **SOUCHES MUTANTES DU VIRUS DE LA VACCINE, UTILISATION DE CELLES-CI, ET PROCEDE DE PRODUCTION DE CELLES-CI**
[72] LIANG, MIN, CN
[72] QIN, LI, CA
[72] EVANS, DAVID H., CA
[71] TOT SHANGHAI R&D CENTER CO., LTD., CN
[85] 2015-10-09
[86] 2013-04-10 (PCT/CN2013/074028)
[87] (WO2014/166084)

[21] **2,909,474**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **NEW METHOD FOR MONITORING CANCER AND/OR INFLAMMATORY REACTION BASED ON RELB PHOSPHORYLATION**
[54] **NOUVEAU PROCEDE POUR SURVEILLER UN CANCER ET/OU UNE REACTION INFLAMMATOIRE SUR LA BASE D'UNE PHOSPHORYLATION RELB**
[72] BAUD, VERONIQUE, FR
[72] BILLOT, KATY, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2015-10-14
[86] 2014-04-18 (PCT/EP2014/058021)
[87] (WO2014/170487)
[30] EP (13305508.7) 2013-04-18

[21] **2,909,479**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING THE FRACTION OF FETAL DNA IN MATERNAL BLOOD USING HLA MARKERS**
[54] **METHODE PERMETTANT DE DETERMINER LA FRACTION D'ADN FOETAL DANS LE SANG MATERNEL AU MOYEN DE MARQUEURS HLA**
[72] ERLICH, HENRY A., US
[72] HOGLUND, BRYAN, US
[72] HOLCOMB, CHERIE, US
[72] MOONSAMY, PRISCILLA, US
[72] NEWTON, NICOLAS, US
[72] RASTROU, MELINDA, US
[72] TSAN, ALISON, US
[72] SCHOENBRUNNER, NANCY, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-10-14
[86] 2014-05-07 (PCT/EP2014/059348)
[87] (WO2014/180910)
[30] US (61/821,620) 2013-05-09
[30] US (61/861,316) 2013-08-01

[21] **2,909,581**
[13] A1

[51] **Int.Cl. A61K 38/26 (2006.01) A61K 47/48 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **STABLE, PROTRACTED GLP-1/GLUCAGON RECEPTOR CO-AGONISTS FOR MEDICAL USE**
[54] **CO-AGONISTES STABLES DU RECEPTEUR DU GLUCAGON/GLP -1 A ACTION RETARDEE ET A USAGE MEDICAL**
[72] SENSFUSS, ULRICH, DK
[72] KRUSE, THOMAS, DK
[72] LAU, JESPER F., DK
[71] NOVO NORDISK A/S, DK
[85] 2015-10-15
[86] 2014-04-22 (PCT/EP2014/058084)
[87] (WO2014/170496)
[30] EP (13164272.0) 2013-04-18
[30] US (61/814,969) 2013-04-23
[30] EP (13196656.6) 2013-12-11

[21] **2,909,721**
[13] A1

[51] **Int.Cl. C12N 7/00 (2006.01) C07K 14/175 (2006.01) C07K 16/10 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **LONE STAR VIRUS VIRUS D'AMBLYOMMA AMERICANUM**
[72] CHIU, CHARLES, US
[72] SWEI, ANDREA, US
[72] JOHNSON, BARBARA J.B., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-10-16
[86] 2014-04-18 (PCT/US2014/034684)
[87] (WO2014/172661)
[30] US (61/814,181) 2013-04-19
[30] US (61/816,634) 2013-04-26

[21] **2,910,029**
[13] A1

[51] **Int.Cl. C07K 16/12 (2006.01) A61K 39/00 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **ANTI-WALL TEICHOIC ANTIBODIES AND CONJUGATES**
[54] **ANTICORPS ANTI-ACIDE TEICHOIQUE DE LA PAROI CELLULAIRE ET CONJUGUES ASSOCIES**
[72] BROWN, ERIC, US
[72] DARWISH, MARTINE, US
[72] FLYGARE, JOHN, US
[72] HAZENBOS, WOUTER, US
[72] LEE, BYOUNG-CHUL, US
[72] LEHAR, SOPHIE M., US
[72] MARIATHASAN, SANJEEV, US
[72] MORISAKI, JOHN HIROSHI, US
[72] PILLOW, THOMAS H., US
[72] STABEN, LEANNA, US
[72] VANDLEN, RICHARD, US
[72] KOEFOED, KLAUS, DK
[72] STRANDH, MAGNUS, DK
[72] ANDERSEN, PETER S., DK
[71] GENENTECH, INC., US
[85] 2015-10-21
[86] 2014-05-30 (PCT/US2014/040324)
[87] (WO2014/194247)
[30] US (61/829,461) 2013-05-31
[30] US (61/829,466) 2013-05-31
[30] US (14/284,609) 2014-05-22
[30] US (PCT/US2014/039113) 2014-05-22

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[21] **2,910,239**
[13] A1

[51] **Int.Cl. C12N 9/24 (2006.01) C12N 15/113 (2010.01) C12N 5/14 (2006.01) C12N 15/11 (2006.01)**

[25] EN

[54] **POLYPEPTIDES HAVING XYLANASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**

[54] **POLYPEPTIDES PRESENTANT UNE ACTIVITE XYLANASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**

[72] MCBRAYER, BRETT, US

[72] SPODSBERG, NIKOLAJ, DK

[71] NOVOZYMES A/S, DK

[85] 2015-10-21

[86] 2014-05-09 (PCT/US2014/037429)

[87] (WO2014/182990)

[30] US (61/821,905) 2013-05-10

[21] **2,910,277**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 7/04 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR INDUCING IMMUNE TOLERANCE TO COAGULATION FACTOR PROTEINS**

[54] **COMPOSITIONS POUR L'INDUCTION D'UNE IMMUNOTOLERANCE VIS-A-VIS DE PROTEINES DE TYPE FACTEUR DE COAGULATION**

[72] ASWAD, FRED JULLIEN, US

[71] BAYER HEALTHCARE LLC, US

[85] 2015-10-23

[86] 2014-04-27 (PCT/US2014/035590)

[87] (WO2014/179184)

[30] US (61/816,790) 2013-04-28

[21] **2,910,313**
[13] A1

[51] **Int.Cl. C12N 15/55 (2006.01) C12N 9/24 (2006.01) C12N 15/56 (2006.01)**

[25] EN

[54] **GENES WITH CODON MUTATIONS ENCODING XYLANASE**

[54] **GENE AYANT DES MUTATIONS DE CODON CODANT POUR LA XYLANASE**

[72] TAN, XUQIU, US

[71] BASF ENZYMES LLC, US

[85] 2015-10-22

[86] 2014-03-10 (PCT/US2014/022484)

[87] (WO2014/164458)

[30] US (61/777,348) 2013-03-12

[30] GB (1308853.9) 2013-05-16

[21] **2,910,318**
[13] A1

[51] **Int.Cl. C12N 9/00 (2006.01) A61K 48/00 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **PHYTASE**

[54] **PHYTASE**

[72] TAN, XUQIU, US

[72] SOLBAK, ARNE I., US

[71] BASF ENZYMES LLC, US

[85] 2015-10-22

[86] 2014-03-10 (PCT/US2014/022432)

[87] (WO2014/164442)

[30] US (61/777,139) 2013-03-12

[30] GB (1308828.1) 2013-05-16

[21] **2,910,320**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/17 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS RELATED TO ANTIBODIES THAT NEUTRALIZE COAGULASE ACTIVITY DURING STAPHYLOCOCCUS AUREUS DISEASE**

[54] **COMPOSITIONS ET PROCEDES ASSOCIES A DES ANTICORPS QUI NEUTRALISENT L'ACTIVITE COAGULASE DANS UNE MALADIE A STAPHYLOCOCCUS AUREUS**

[72] MCADOW, MOLLY, US

[72] EMOLO, CARLA, US

[72] MISSIAKAS, DOMINIQUE M., US

[72] SCHNEEWIND, OLAF, US

[71] UNIVERSITY OF CHICAGO, US

[85] 2015-10-23

[86] 2013-03-15 (PCT/US2013/031927)

[87] (WO2013/162751)

[30] US (61/638,797) 2012-04-26

[21] **2,910,332**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**

[25] EN

[54] **METHOD OF DIAGNOSING CANCER**

[54] **PROCEDE DE DIAGNOSTIC DU CANCER**

[72] FRICKE, HARALD, DE

[72] GIEFFERS, CHRISTIAN, DE

[72] SYKORA, JAROMIR, DE

[71] APOGENIX GMBH, DE

[85] 2015-10-23

[86] 2014-04-29 (PCT/EP2014/058746)

[87] (WO2014/177576)

[30] EP (13165784.3) 2013-04-29

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[21] **2,910,407**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **ANTIBODIES CAPABLE OF BINDING SPECIFICALLY TO HER2**

[54] **ANTICORPS CAPABLE DE SE LIER SPECIFIQUEMENT A HER2**

[72] LEE, JONG-SEO, KR
[72] KIM, KYU-TAE, KR
[72] LEE, YOUNG-HA, KR
[72] LEE, SOOK-YEON, KR
[72] HWANG, IN-SIK, KR
[72] KO, BONG-KOOK, KR
[71] ABCLOON INC., KR
[85] 2015-10-26
[86] 2014-05-14 (PCT/KR2014/004317)
[87] (WO2014/185704)
[30] KR (10-2013-0055912) 2013-05-16

[21] **2,910,533**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01)**

[25] EN

[54] **PEPTIDES HAVING ACTIVITY OF INHIBITING INFECTIONS OF RESPIRATORY VIRUSES, USE OF THE SAME AND METHODS OF PREPARING THE SAME**

[54] **PEPTIDES PRESENTANT UNE ACTIVITE D'INHIBITION D'INFECTIONS PAR DES VIRUS RESPIRATOIRES, UTILISATION DE CEUX-CI ET PROCEDES DE PREPARATION DE CEUX-CI**

[72] ZHENG, BOJIAN, CN
[72] ZHAO, HANJUN, CN
[71] XIANGXUE GROUP (HONG KONG) COMPANY LIMITED, CN
[85] 2015-10-28
[86] 2014-02-19 (PCT/CN2014/072237)
[87] (WO2014/180180)
[30] US (61/821,292) 2013-05-09
[30] CN (201310451941.2) 2013-09-27

[21] **2,910,539**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 35/76 (2015.01) A61K 47/48 (2006.01) A61P 1/12 (2006.01)**

[25] EN

[54] **BACTERIOPHAGE THERAPY**

[54] **THERAPIE PAR BACTERIOPHAGES**

[72] DANGLAS, PASCAL, CH
[72] DEBARBIEUX, LAURENT, FR
[71] FERRING B.V., NL
[71] INSTITUT PASTEUR, FR
[85] 2015-10-28
[86] 2014-04-30 (PCT/EP2014/058840)
[87] (WO2014/177622)
[30] EP (13305568.1) 2013-04-30

[21] **2,910,604**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01N 63/00 (2006.01)**

[25] EN

[54] **PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES**

[54] **PLANTES PRESENTANT UNE TOLERANCE ACCRUE AUX HERBICIDES**

[72] PASTERNAK, MACIEJ, DE
[72] TRESCH, STEFAN, DE
[72] KRAUS, HELMUT, FR
[72] HUTZLER, JOHANNES, DE
[72] LERCHL, JENS, DE
[72] MIETZNER, THOMAS, DE
[72] PARRA RAPADO, LILIANA, DE
[72] PAULIK, JILL MARIE, US
[71] BASF SE, DE
[85] 2015-10-22
[86] 2014-04-28 (PCT/IB2014/061054)
[87] (WO2014/177992)
[30] US (61/817325) 2013-04-30

[21] **2,910,632**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01N 63/00 (2006.01) C07K 16/14 (2006.01)**

[25] EN

[54] **AGROCHEMICAL COMPOSITIONS COMPRISING ANTIBODIES BINDING TO SPHINGOLIPIDS**

[54] **COMPOSITIONS AGROCHIMIQUES COMPRENANT DES POLYPEPTIDES SE LIANT AUX SPHINGOLIPIDES**

[72] VERHEESEN, PETER, BE
[72] DE JONGHE, CHRIS, BE
[72] VAN DAELE, INGE ELODIE, BE
[72] DE BOLLE, MIGUEL FRANCESCO COLETA, NL
[72] VELOSO VIEIRA, JOAO FILIPE, GB
[72] CAMMUE, BRUNO, BE
[71] AGROSAVFE N.V., BE
[85] 2015-10-26
[86] 2014-04-29 (PCT/EP2014/058772)
[87] (WO2014/191146)
[30] US (61/817,170) 2013-04-29

[21] **2,910,855**
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01)**

[25] EN

[54] **TARGETING O-ACETYLATED GD2 GANGLIOSIDE AS A NEW THERAPEUTIC AND DIAGNOSTIC STRATEGY FOR CANCER STEM CELLS CANCER**

[54] **CIBLAGE DU GANGLIOSIDE GD2 O-ACETYLE COMME NOUVELLE STRATEGIE THERAPEUTIQUE ET DIAGNOSTIQUE DANS LE CANCER A CELLULES SOUCHES TUMORALES**

[72] BIRKLE, STEPHANE, FR
[72] COCHONNEAU, DENIS, FR
[72] DORVILLIUS, MYLENE, FR
[72] LE DOUSSAL, JEAN-MARC, FR
[72] TERME, MICKAEL, FR
[71] OGD2 PHARMA, FR
[71] UNIVERSITE DE NANTES, FR
[85] 2015-10-28
[86] 2014-04-29 (PCT/EP2014/001142)
[87] (WO2014/177271)
[30] EP (13002268.4) 2013-04-29

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[21] **2,910,870**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE**
[54] **PROTHESE DE VALVE**
CARDIAQUE
[72] LEVI, TAMIR S., US
[72] SHARONI, RON, US
[72] SHERMAN, ELENA, US
[72] WINTNER, OREN H., US
[72] RUPP, KEVIN D., US
[72] NGUYEN, SON V., US
[72] CHADHA, AJAY, US
[72] LINDSTROM, JEFF, US
[71] EDWARDS LIFESCIENCES
CORPORATION, US
[85] 2015-10-30
[86] 2015-05-07 (PCT/US2015/029614)
[87] (2910870)
[30] US (14/704,861) 2015-05-05
[30] US (61/991,904) 2014-05-12

[21] **2,910,874**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01N**
63/00 (2006.01) C07K 16/14 (2006.01)
[25] EN
[54] **AGROCHEMICAL**
COMPOSITIONS COMPRISING
ANTIBODIES BINDING TO
SPHINGOLIPIDS
[54] **COMPOSITIONS**
AGROCHIMIQUES
COMPRENANT DES ANTICORPS
SE LIANT A DES
SPHINGOLIPIDES
[72] VERHEESEN, PETER, BE
[72] DE JONGHE, CHRIS, BE
[72] VAN DAELE, INGE ELODIE, BE
[72] DE BOLLE, MIGUEL FRANCESCO
COLETA, NL
[72] VELOSO VIEIRA, JOAO FILIPE, GB
[72] THEVISSSEN, KARIN, BE
[72] CAMMUE, BRUNO, BE
[71] AGROSARVE N.V., BE
[85] 2015-10-28
[86] 2014-04-29 (PCT/EP2014/058771)
[87] (WO2014/177595)
[30] US (61/817,170) 2013-04-29

[21] **2,910,945**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K**
39/395 (2006.01) A61P 35/00 (2006.01)
C07K 16/46 (2006.01) C12N 5/10
(2006.01) C12N 5/16 (2006.01) C12N
15/13 (2006.01)
[25] EN
[54] **BISPECIFIC HER2 AND HER3**
ANTIGEN BINDING
CONSTRUCTS
[54] **CONSTRUCTIONS DE LIAISON**
AUX ANTIGENES HER2 ET HER3
BISPECIFIQUES
[72] NG, GORDON YIU KON, CA
[72] CHAN, PETER WING YIU, CA
[72] WICKMAN, GRANT RAYMOND, CA
[71] ZYMEWORKS INC., CA
[85] 2015-10-29
[86] 2014-05-08 (PCT/US2014/037401)
[87] (WO2014/182970)
[30] US (61/821,197) 2013-05-08

[21] **2,911,097**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) B09B 3/00**
(2006.01) C12N 1/00 (2006.01) C12N
1/14 (2006.01) C12P 3/00 (2006.01)
[25] EN
[54] **A MICROORGANISM CAPABLE**
OF LEACHING RARE EARTH
ELEMENTS, A METHOD FOR
LEACHING RARE EARTH
ELEMENTS, A MICROORGANISM
CAPABLE OF SOLIDIFYING
RARE EARTH ELEMENTS, AND A
METHOD FOR SOLIDIFYING
RARE EARTH ELEMENTS
[54] **UN MICRO-ORGANISME**
CAPABLE DE LESSIVER DES
ELEMENTS DE TERRE RARE, UN
PROCEDE DE LESSIVAGE
D'ELEMENTS DE TERRE RARE,
UN MICRO-ORGANISME
CAPABLE DE SOLIDIFIER DES
ELEMENTS DE TERRERARE ET
UN PROCEDE DE
SOLIDIFICATION D'ELEMENTS
DE TERRE RARE
[72] YAMASHITA, MITSUO, JP
[71] SHIBAURA INSTITUTE OF
TECHNOLOGY, JP
[85] 2015-10-30
[86] 2014-04-28 (PCT/JP2014/061818)
[87] (WO2014/178360)
[30] JP (2013-096422) 2013-05-01
[30] JP (2013-096423) 2013-05-01
[30] JP (2013-148343) 2013-07-17
[30] JP (2013-148344) 2013-07-17

[21] **2,911,170**
[13] A1

[51] **Int.Cl. C12P 7/48 (2006.01) C12N**
15/74 (2006.01) C12P 7/44 (2006.01)
[25] EN
[54] **NOVEL ORGANIC ACID**
PATHWAY
[54] **NOUVELLE VOIE DE L'ACIDE**
ORGANIQUE
[72] PUNT, PETER JAN, NL
[72] LI, AN, NL
[72] CASPERS, MARTINUS PETRUS
MARIA, NL
[71] DUTCH DNA BIOTECH B.V., NL
[85] 2015-11-02
[86] 2014-05-02 (PCT/NL2014/050284)
[87] (WO2014/178717)
[30] EP (13166305.6) 2013-05-02

[21] **2,911,209**
[13] A1

[51] **Int.Cl. C07K 16/12 (2006.01)**
[25] EN
[54] **SYNTHETIC OLIGOSACCHARIDE**
SUBUNITS OF THE PSL
EXOPLYACCHARIDE OF
PSEUDOMONAS AERUGINOSA
AND USES THEROF
[54] **SOUS-UNITES**
OLIGOSACCHARIDIQUES DE
SYNTHESE DE
L'EXOPOLYSACCHARIDE PSL
DE PSEUDOMONAS
AERUGINOSA ET APPLICATIONS
ASSOCIEES
[72] DIGIANDOMENICO, ANTONIO, US
[72] STOVER, CHARLES, K., US
[72] WANG, QUN, US
[72] BOONS, GEERT-JAN, US
[72] MO, KAI-FOR, US
[72] LI, HUIGING, US
[71] MEDIMMUNE, LLC, US
[71] THE UNIVERSITY OF GEORGIA
RESEARCH FOUNDATION, US
[85] 2015-11-02
[86] 2014-05-13 (PCT/US2014/037839)
[87] (WO2014/186358)
[30] US (61/823,009) 2013-05-14

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[21] **2,911,353**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **PROGNOSIS OF RESPONSE TO TREATMENT WITH ANTI-TNF-ALPHA IN PATIENTS WITH RHEUMATOID ARTHRITIS**
[54] **PRONOSTIC DE REPOSE AU TRAITEMENT A L'AIDE D'ANTI-TNF ALPHA CHEZ DES PATIENTS ATTEINTS DE POLYARTHRITE RHUMATOIDE**
[72] MARSAL BARRIL, SARA, ES
[72] JULIA CANO, ANTONI, ES
[72] TORNERO MOLINA, JESUS, ES
[71] FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA, ES
[85] 2015-11-03
[86] 2014-04-30 (PCT/ES2014/070377)
[87] (WO2014/177746)
[30] ES (P 201330650) 2013-05-03

[21] **2,911,412**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 5/12 (2006.01)**
[25] EN
[54] **ANTI-GLUCAGON RECEPTOR ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-RECEPTEUR DU GLUCAGON ET LEURS PROCEDES D'UTILISATION**
[72] CHAPARRO RIGGERS, JAVIER FERNANDO, US
[72] FORGIE, ALISON JANE, US
[72] LAVALLIE, EDWARD ROLAND, US
[72] LIN, CHIA-YANG, US
[72] MOSYAK, LIDIA, US
[72] ROSSI, ANDREA, US
[72] VAN BLARCOM, THOMAS JOHN, US
[71] RINAT NEUROSCIENCE CORP., US
[85] 2015-11-04
[86] 2014-05-02 (PCT/IB2014/061166)
[87] (WO2014/181229)
[30] US (61/820,604) 2013-05-07
[30] US (61/981,115) 2014-04-17

[21] **2,911,483**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 9/08 (2006.01) A61P 7/00 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 37/02 (2006.01) A61P 43/00 (2006.01) A23J 3/08 (2006.01) C07K 14/79 (2006.01)**
[25] EN
[54] **INHIBITOR OF EXTRACELLULAR TRAP FORMATION IN LEUKOCYTES**
[54] **INHIBITEUR DE LA FORMATION DE PIEGES EXTRACELLULAIRES DANS LES LEUCOCYTES**
[72] HIRAHASHI, JUNICHI, JP
[72] URANO, YASUTERU, JP
[72] OKUBO, KOUSHU, JP
[72] KAMIYA, MAKO, JP
[72] KAGAYA, SHINJI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] NRL PHARMA, INC., JP
[85] 2015-10-08
[86] 2014-04-08 (PCT/JP2014/060561)
[87] (WO2014/168253)
[30] JP (2013-081243) 2013-04-09

[21] **2,911,514**
[13] A1

[51] **Int.Cl. C07K 14/495 (2006.01) A61K 38/18 (2006.01) C07K 14/475 (2006.01) C07K 16/22 (2006.01) C07K 19/00 (2006.01) C12N 15/18 (2006.01) C12Q 1/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR GROWTH FACTOR MODULATION**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DU FACTEUR DE CROISSANCE**
[72] SCHURPF, THOMAS, US
[72] MAHANTHAPPA, NAGESH K., US
[72] STRAUB, MICHELLE MARIE, US
[71] SCHOLAR ROCK, INC., US
[85] 2015-11-05
[86] 2014-05-06 (PCT/US2014/036933)
[87] (WO2014/182676)
[30] US (61/819,840) 2013-05-06
[30] US (61/823,552) 2013-05-15
[30] US (61/900,438) 2013-11-06

[21] **2,911,600**
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTI-CXCL1, CXCL7 AND CXCL8 ANTIBODIES AND THEIR APPLICATIONS**
[54] **ANTICORPS ANTI-CXCL1, CXCL7 ET CXCL8 ET LEURS APPLICATIONS**
[72] PAGES, GILLES, MC
[72] GREPIN, RENAUD, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE DE NICE SOPHIA ANTIPOLIS, FR
[85] 2015-11-04
[86] 2014-05-19 (PCT/EP2014/060201)
[87] (WO2014/184384)
[30] EP (13305642.4) 2013-05-17

[21] **2,911,613**
[13] A1

[51] **Int.Cl. A61K 38/08 (2006.01) A61K 38/16 (2006.01) A61P 31/18 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **CGRP RECEPTOR AGONIST FOR HIV TREATMENT OR PREVENTION**
[54] **AGONISTE DE RECEPTEUR CGRP POUR LE TRAITEMENT OU LA PREVENTION DU VIH**
[72] BOMSEL, MORGANE, FR
[72] GANOR, YONATAN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[85] 2015-11-05
[86] 2014-03-28 (PCT/EP2014/056356)
[87] (WO2014/154891)
[30] EP (13305417.1) 2013-03-29

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[21] **2,911,623**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TRANSGENIC PLANTS**
[54] **PLANTES TRANSGENIQUES**
[72] RODRIGUEZ EGEA, PEDRO LUIS, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] UNIVERSIDAD POLITECNICA DE VALENCIA, ES
[85] 2015-11-05
[86] 2014-05-13 (PCT/EP2014/059772)
[87] (WO2014/184193)
[30] EP (13382177.7) 2013-05-13

[21] **2,911,682**
[13] A1

[51] **Int.Cl. H02K 1/27 (2006.01) H02K 16/02 (2006.01) H02K 51/00 (2006.01) H02P 21/13 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ROTOR POSITION ESTIMATION**
[54] **PROCEDES ET APPAREIL POUR EVALUATION DE POSITION DE ROTOR**
[72] BOUHERAOUA, MOHAMMED, GB
[72] WANG, JIABIN, GB
[72] ATALLAH, KAIS, GB
[71] MAGNOMATICS LIMITED, GB
[85] 2015-11-06
[86] 2014-05-08 (PCT/GB2014/051402)
[87] (WO2014/181110)
[30] GB (1308270.6) 2013-05-08

[21] **2,911,848**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61K 38/18 (2006.01) A61M 37/00 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE OF NEUREGULIN FOR TREATING HEART FAILURE**
[54] **LIBERATION PROLONGEE DE NEUREGULINE POUR LE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE**
[72] ZHOU, MINGDONG, CN
[71] ZENSUN (SHANGHAI) SCIENCE & TECHNOLOGY, LTD., CN
[85] 2015-11-06
[86] 2014-05-22 (PCT/CN2014/078154)
[87] (WO2014/187342)
[30] US (61/826,433) 2013-05-22

[21] **2,911,863**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER**
[54] **METHODES ET COMPOSITIONS DESTINEES A TRAITER LE CANCER**
[72] SOUCEK, LAURA, ES
[72] BEAULIEU, MARIE-EVE, ES
[71] FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON, ES
[85] 2015-11-06
[86] 2014-05-07 (PCT/EP2014/059315)
[87] (WO2014/180889)
[30] EP (13382167.8) 2013-05-07

[21] **2,911,945**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) G06F 19/18 (2011.01)**
[25] EN
[54] **PREDICTING IMMUNOGENICITY OF T CELL EPITOPES**
[54] **PREVISION D'IMMUNOGENICITE D'EPITOPES DE LYMPHOCYTES T**
[72] SAHIN, UGUR, DE
[72] TADMOR, ARBEL DAVID, DE
[72] CASTLE, JOHN CHRISTOPHER, DE
[72] BOEGEL, SEBASTIAN, DE
[72] LOWER, MARTIN, DE
[71] BIONTECH AG, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
[71] UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ, DE
[85] 2015-11-09
[86] 2014-05-07 (PCT/EP2014/001232)
[87] (WO2014/180569)
[30] EP (PCT/EP2013/001400) 2013-05-10

[21] **2,912,037**
[13] A1

[51] **Int.Cl. C12N 9/04 (2006.01) C12N 9/92 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **RECOMBINANT YEAST AND METHOD FOR PRODUCING ETHANOL USING THE SAME**
[54] **LEVURE DE RECOMBINAISON ET PROCEDE DE PRODUCTION D'ETHANOL UTILISANT CELLE-CI**
[72] ONISHI, TORU, JP
[72] TADA, NOBUKI, JP
[72] KATAHIRA, SATOSHI, JP
[72] NAGURA, RISA, JP
[72] ISHIDA, NOBUHIRO, JP
[71] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[85] 2015-11-09
[86] 2014-06-09 (PCT/JP2014/003069)
[87] (WO2014/199623)
[30] JP (2013-124755) 2013-06-13

[21] **2,912,392**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **TRANSACTION ORDERING**
[54] **ORDRE DE TRANSACTION**
[72] BURCHALL, LAURION DARRELL, US
[72] MADHAVARAPU, PRADEEP JNANA, US
[72] NEWCOMBE, CHRISTOPHER RICHARD, US
[72] GUPTA, ANURAG WINDLASS, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2015-11-12
[86] 2014-05-13 (PCT/US2014/037901)
[87] (WO2014/186396)
[30] US (13/893,004) 2013-05-13

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[21] **2,912,538**
[13] A1

[51] **Int.Cl. A61K 31/785 (2006.01)**
[25] EN
[54] **METHODS OF TREATING AND/OR PREVENTING NAIL DISORDERS AND/OR IMPROVING THE APPEARANCE OF A NAIL**

[54] **PROCEDES DE TRAITEMENT ET/OU DE PREVENTION DE TROUBLES DES ONGLES ET/OU D'AMELIORATION DE L'APPARENCE D'UN ONGLE**

[72] SWICK, LANCE L., US
[72] NEUVILLE, SCOTT E., US
[72] CHESSON, JERRY S., US
[71] CHESSON LABORATORY ASSOCIATES, INC., US
[85] 2015-11-13
[86] 2014-05-13 (PCT/US2014/037835)
[87] (WO2014/186355)
[30] US (61/824,566) 2013-05-17

[21] **2,912,805**
[13] A1

[51] **Int.Cl. B23K 26/00 (2014.01) B23K 26/08 (2014.01)**
[25] FR
[54] **METHOD FOR PRODUCING A SUBSTRATE PROVIDED WITH A COATING**

[54] **PROCEDE D'OBTENTION D'UN SUBSTRAT MUNI D'UN REVETEMENT**

[72] NADAUD, NICOLAS, FR
[72] MIMOUN, EMMANUEL, FR
[72] DUBOST, BRICE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-11-17
[86] 2014-05-21 (PCT/FR2014/051193)
[87] (WO2014/188127)
[30] FR (1354730) 2013-05-24

[21] **2,912,809**
[13] A1

[51] **Int.Cl. G01N 29/11 (2006.01) G01N 29/44 (2006.01)**
[25] FR
[54] **IMPROVED METHOD FOR INSPECTION BY THE TRANSMISSION OF ULTRASOUNDS**

[54] **PROCEDE D'INSPECTION PAR TRANSMISSION D'ULTRASONS AMELIORE**

[72] BROUSSAIS-COLELLA, NICOLAS, FR
[72] CHATELLIER, JEAN-YVES, FR
[72] DUVAL, JEREMY, FR
[71] SNECMA, FR
[85] 2015-11-17
[86] 2014-05-22 (PCT/FR2014/051202)
[87] (WO2014/191661)
[30] FR (1354956) 2013-05-30

[21] **2,912,811**
[13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) A61B 3/10 (2006.01) A61B 5/145 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING AN OPHTHALMIC LENS WITH A PASSIVE EVENT-BASED COLORATION SYSTEM**

[54] **PROCEDE DE FABRICATION D'UNE LENTILLE OPTALMIQUE A SYSTEME DE COLORATION BASE SUR UN EVENEMENT PASSIF**

[72] PUGH, RANDALL B., US
[72] PUTT, KARSON S., US
[72] HIGHAM, CAMILLE, US
[72] SNOOK, SHARIKA, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2015-11-17
[86] 2014-05-20 (PCT/US2014/038725)
[87] (WO2014/189889)
[30] US (13/899,528) 2013-05-21

[21] **2,912,813**
[13] A1

[51] **Int.Cl. F21L 4/02 (2006.01) F21L 4/04 (2006.01) F21L 14/02 (2006.01) F21V 21/096 (2006.01) F21V 21/14 (2006.01) F21V 21/29 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE**

[54] **DISPOSITIF D'ECLAIRAGE**

[72] THOMPSON, TIM, GB
[72] I'ANSON, JESS, GB
[72] YONG, BAO, CN
[71] JACK SEALEY LIMITED, GB
[85] 2015-11-17
[86] 2013-05-14 (PCT/GB2013/051234)
[87] (WO2013/171471)
[30] GB (1208798.7) 2012-05-18
[30] GB (1303503.5) 2013-02-27

[21] **2,912,817**
[13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) A61B 3/10 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **AN OPHTHALMIC LENS WITH A PASSIVE EVENT-BASED COLORATION SYSTEM**

[54] **LENTILLE OPHTALMIQUE DOTEE D'UN SYSTEME DE COLORATION BASE SUR UN EVENEMENT PASSIF**

[72] PUGH, RANDALL B., US
[72] PUTT, KARSON S., US
[72] HIGHAM, CAMILLE, US
[72] SNOOK, SHARIKA, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2015-11-17
[86] 2014-05-20 (PCT/US2014/038731)
[87] (WO2014/189892)
[30] US (13/899,516) 2013-05-21

[21] **2,912,818**
[13] A1

[51] **Int.Cl. F16L 41/08 (2006.01) F16L 55/175 (2006.01) F16L 55/179 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **PIPE CONNECTION**

[54] **RACCORD DE TUYAUTERIE**

[72] SMEDLEY, CLIVE, GB
[71] SEVERN TRENT WATER LIMITED, GB
[85] 2015-11-17
[86] 2014-05-22 (PCT/GB2014/051585)
[87] (WO2014/188207)
[30] GB (1309330.7) 2013-05-23

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[21] **2,912,821**
[13] A1

[51] **Int.Cl. A24F 15/00 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **CONTENANT**
[72] SCHENNUM, STEVE, US
[72] MCKEON, TOM, US
[72] ABEL, JEREMY, US
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2015-11-17
[86] 2014-05-29 (PCT/GB2014/051633)
[87] (WO2014/195679)
[30] US (61/830,915) 2013-06-04
[30] GB (1405720.2) 2014-03-31

[21] **2,912,825**
[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01) G01N 27/62 (2006.01)**
[25] EN
[54] **METHOD OF CALIBRATING ION SIGNALS**
[54] **PROCEDE D'ETALONNAGE DE SIGNAUX D'IONS**
[72] GREEN, MARTIN RAYMOND, GB
[72] RICHARDSON, KEITH, GB
[71] MICROMASS UK LIMITED, GB
[85] 2015-11-17
[86] 2014-06-09 (PCT/GB2014/051767)
[87] (WO2014/195734)
[30] GB (1310197.7) 2013-06-07
[30] EP (13171095.6) 2013-06-07

[21] **2,912,827**
[13] A1

[51] **Int.Cl. H04N 5/262 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING VISUAL REPRESENTATIONS OF OBJECTS**
[54] **SYSTEMES ET PROCEDES D'OBTENTION DE REPRESENTATIONS VISUELLES D'OBJETS**
[72] SEBRING, STEVEN, US
[72] FERNEKES, LEO, TH
[71] SEBRING, STEVEN, US
[85] 2015-11-17
[86] 2014-05-20 (PCT/US2014/038785)
[87] (WO2014/189927)
[30] US (61/825,306) 2013-05-20

[21] **2,912,830**
[13] A1

[51] **Int.Cl. A61K 31/282 (2006.01) A61K 31/337 (2006.01) A61K 31/4196 (2006.01) A61K 31/519 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SPECIFIC CANCER TREATMENT REGIMENS WITH GANETESPIB**
[54] **REGIMES THERAPEUTIQUES ANTICANCEREUX SPECIFIQUES AVEC GANETESPIB**
[72] VUKOVIC, VOJO, US
[71] SYNTA PHARMACEUTICALS CORP., US
[85] 2015-11-17
[86] 2014-05-20 (PCT/US2014/038796)
[87] (WO2014/189937)
[30] US (61/825,566) 2013-05-21
[30] US (61/925,027) 2014-01-08

[21] **2,912,837**
[13] A1

[51] **Int.Cl. E04G 3/22 (2006.01) E01D 19/10 (2006.01) E01D 22/00 (2006.01) E04G 1/15 (2006.01) E04G 3/30 (2006.01) E04G 7/28 (2006.01)**
[25] EN
[54] **WORK PLATFORM SYSTEM INCLUDING SUSPENDED PANELED PORTION AND METHOD OF IMPLEMENTING SAME**
[54] **SYSTEME DE PLATE-FORME DE TRAVAIL COMPRENANT UNE PARTIE SUSPENDUE A PANNEAU ET PROCEDE DE MISE EN ŒUVRE DE CELUI-CI**
[72] GRUMBERG, MATHIEU, US
[72] SCRAFFORD, ROY, US
[72] MEADE, FREDERICK W., US
[71] SAFWAY SERVICES, LLC, US
[85] 2015-11-17
[86] 2014-05-20 (PCT/US2014/038832)
[87] (WO2014/189962)
[30] US (PCT/US2013/0042084) 2013-05-21
[30] US (13/899,331) 2013-05-21
[30] US (PCT/US2013/0063234) 2013-10-03
[30] US (14/045,308) 2013-10-03

[21] **2,912,866**
[13] A1

[51] **Int.Cl. B61K 5/02 (2006.01)**
[25] EN
[54] **RAILWAY VEHICLE**
[54] **VEHICULE FERROVIAIRE**
[72] MCCULLOCH, WILLIAM FRANCIS, GB
[71] W & D MCCULLOCH LTD., GB
[85] 2015-11-17
[86] 2014-06-10 (PCT/GB2014/051787)
[87] (WO2014/199146)
[30] GB (1310596.0) 2013-06-14

[21] **2,912,869**
[13] A1

[51] **Int.Cl. B29C 47/02 (2006.01) B32B 3/02 (2006.01) B32B 3/12 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR BORDERING A CORRUGATED PLASTIC PANEL AND PANEL THUS OBTAINED**
[54] **PROCEDE ET APPAREIL PERMETTANT DE BORDER UN PANNEAU PLASTIQUE ONDULE, ET PANNEAU AINSI OBTENU**
[72] BRESSAN, FRANCO, IT
[72] DE NARDI, MIRCO, IT
[71] K-HOLDING S.P.A., IT
[85] 2015-11-17
[86] 2014-04-18 (PCT/IB2014/060836)
[87] (WO2014/184692)
[30] IT (PN2013A000027) 2013-05-17

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[21] **2,912,872**
[13] A1

[51] **Int.Cl. D06M 10/02 (2006.01) C09D 123/00 (2006.01) C09D 163/00 (2006.01) C09D 183/06 (2006.01) D06M 10/08 (2006.01) D06M 10/10 (2006.01) D06M 14/22 (2006.01) D06M 14/28 (2006.01)**

[25] EN

[54] **A POLYMERIC FILM COATING METHOD ON A SUBSTRATE BY DEPOSITING AND SUBSEQUENTLY POLYMERIZING A MONOMERIC COMPOSITION BY PLASMA TREATMENT**

[54] **PROCEDE DE REVETEMENT D'UN SUBSTRAT AVEC UN FILM POLYMERRE PAR DEPOT ET POLYMERISATION ULTERIEURE D'UNE COMPOSITION MONOMERE PAR UN TRAITEMENT PAR PLASMA**

[72] RICCARDI, CLAUDIA, IT
[72] ZANINI, STEFANO, IT
[72] TASSETTI, DARIO, IT
[71] UNIVERSITA DEGLI STUDI DI MILANO - BICOCCA, IT

[85] 2015-11-17
[86] 2014-05-26 (PCT/IB2014/061726)
[87] (WO2014/191901)
[30] IT (MI2013A000855) 2013-05-27

[21] **2,912,875**
[13] A1

[51] **Int.Cl. B08B 9/00 (2006.01)**

[25] EN

[54] **ENDOSCOPE REPROCESSING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE RETRAITEMENT D'ENDOSCOPE**

[72] TERLIUC, GAD, IL
[72] LURIA, GILAD, IL
[72] HOCHMAN, EREZ, IL
[71] SMART MEDICAL SYSTEMS LTD, IL

[85] 2015-11-17
[86] 2014-05-21 (PCT/IL2014/000025)
[87] (WO2014/188402)
[30] US (61/855,688) 2013-05-21
[30] US (61/962,383) 2013-11-06

[21] **2,912,879**
[13] A1

[51] **Int.Cl. B65D 81/30 (2006.01) B32B 27/00 (2006.01) B32B 27/18 (2006.01)**

[25] EN

[54] **LIGHT-SHIELDING SHEET AND CONTAINER**

[54] **FEUILLE DE PROTECTION CONTRE LA LUMIERE ET CONTENANT**

[72] SUZUKI, TOYOAKI, JP
[72] MIURA, KOICHI, JP
[72] NOMURA, JUNPEI, JP
[71] FUJIMORI KOGYO CO., LTD., JP

[85] 2015-11-17
[86] 2014-05-20 (PCT/JP2014/063297)
[87] (WO2014/189030)
[30] JP (2013-106307) 2013-05-20

[21] **2,912,881**
[13] A1

[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/352 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMBINATION COMPRISING METFORMIN AND DIHYDROQUERCETIN AND ITS USE FOR THE TREATMENT OF CANCER**

[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT DE LA METFORMINE ET DE LA DIHYDROQUERCETINE ET SON UTILISATION POUR LE TRAITEMENT DU CANCER**

[72] KIYONO, KUNIHICO, JP
[72] ONISHI, KENJI, JP
[72] NAGAHAMA, YASUHARU, JP
[72] WATANABE, TAKASHI, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP

[85] 2015-11-17
[86] 2014-05-23 (PCT/JP2014/064354)
[87] (WO2014/189152)
[30] JP (2013-110278) 2013-05-24

[21] **2,912,908**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **CYTOTOXIC AGENTS FOR THE TREATMENT OF CANCER**

[54] **AGENTS CYTOTOXIQUES DESTINES AU TRAITEMENT DU CANCER**

[72] LEVITT, DANIEL, US
[71] CYTRX CORPORATION, US

[85] 2015-11-18
[86] 2014-06-04 (PCT/US2014/040872)
[87] (WO2014/197569)
[30] US (61/831,219) 2013-06-05

[21] **2,912,947**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01)**

[25] EN

[54] **COMPACT FLUID ANALYSIS DEVICE AND METHOD TO FABRICATE**

[54] **DISPOSITIF D'ANALYSE DE FLUIDE COMPACT ET SON PROCEDE DE FABRICATION**

[72] LAGAE, LIESBET, BE
[72] PEUMANS, PETER, BE
[71] IMEC VZW, BE

[85] 2015-11-19
[86] 2014-05-22 (PCT/EP2014/060591)
[87] (WO2014/187926)
[30] EP (13168743.6) 2013-05-22

[21] **2,912,950**
[13] A1

[51] **Int.Cl. F16C 37/00 (2006.01) F16C 32/04 (2006.01)**

[25] EN

[54] **ELECTRO-MAGNETIC BEARING ASSEMBLY WITH INNER VENTILATION TO COOL THE BEARING**

[54] **ENSEMBLE DE ROULEMENT ELECTRO-MAGNETIQUE AYANT UNE VENTILATION INTERNE POUR REFROIDIR LE ROULEMENT**

[72] MASSINI, ANDREA, IT
[72] MEI, LUCIANO, IT
[72] BIGI, MANUELE, IT
[71] NUOVO PIGNONE SRL, IT

[85] 2015-11-19
[86] 2014-05-23 (PCT/EP2014/060640)
[87] (WO2014/191311)
[30] EP (13169387.1) 2013-05-27

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[21] **2,912,951**
[13] A1

[51] **Int.Cl. G09B 7/02 (2006.01)**
[25] EN
[54] **A METHOD FOR COMMUNICATING AND ASCERTAINING MATERIAL**
[54] **PROCEDE PERMETTANT DE COMMUNIQUER ET DE VERIFIER UN MATERIAU**
[72] RANIERE, KEITH A., US
[71] FIRST PRINCIPLES, INC., US
[85] 2015-09-14
[86] 2014-03-10 (PCT/US2014/022367)
[87] (WO2014/150141)
[30] US (13/838,481) 2013-03-15

[21] **2,912,953**
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/42 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION ESTIMATION OF ATTENUATION FROM VERTICAL SEISMIC PROFILES**
[54] **ESTIMATION A HAUTE RESOLUTION D'UNE ATTENUATION A PARTIR DE PROFILS SISMIQUES VERTICAUX**
[72] CARTER, ANDREW JAMES, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2015-11-19
[86] 2014-05-27 (PCT/EP2014/060988)
[87] (WO2014/191427)
[30] EP (PCT/EP2013/060848) 2013-05-27

[21] **2,912,957**
[13] A1

[51] **Int.Cl. A61K 36/9066 (2006.01) A61K 31/05 (2006.01) A61K 31/12 (2006.01) A61K 31/7048 (2006.01) A61K 45/06 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR USE IN CARTILAGE BREAKDOWN**
[54] **COMPOSITIONS UTILISEES EN RELATION AVEC LA DEGRADATION CARTILAGINEUSE**
[72] HORCAJADA, MARIE NOELLE, FR
[72] MEMBREZ, FANNY, CH
[72] OFFORD CAVIN, ELIZABETH, CH
[71] NESTEC S.A., CH
[85] 2015-11-19
[86] 2014-05-28 (PCT/EP2014/061017)
[87] (WO2014/191447)
[30] EP (13169656.9) 2013-05-29

[21] **2,912,961**
[13] A1

[51] **Int.Cl. F16C 37/00 (2006.01) F16C 32/04 (2006.01)**
[25] EN
[54] **MAGNETIC BEARING ASSEMBLY HAVING INNER VENTILATION**
[54] **ENSEMBLE PALIER MAGNETIQUE POSSEDANT UNE VENTILATION INTERIEURE**
[72] MASSINI, ANDREA, IT
[72] LOMBARDI, LUCA, IT
[72] BIGI, MANUELE, IT
[72] SASSANELLI, GIUSEPPE, IT
[72] MEI, LUCIANO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2015-11-19
[86] 2014-05-28 (PCT/EP2014/061047)
[87] (WO2014/191454)
[30] EP (13169719.5) 2013-05-29

[21] **2,912,972**
[13] A1

[51] **Int.Cl. F16B 33/02 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE THREAD ROLLING SCREW/BOLT FOR USE IN AN UNTHREADED NUT ANCHOR**
[54] **VIS/BOULON A LAMINAGE DE FILETS HAUTE PERFORMANCE DESTINE A ETRE UTILISE DANS UN RIVET D'ECROU NON FILETE**
[72] PRITCHARD, ALAN, GB
[71] CONTI FASTENERS AG, AF
[85] 2015-11-19
[86] 2014-07-17 (PCT/EP2014/065384)
[87] (WO2015/007845)
[30] US (61/856,218) 2013-07-19

[21] **2,912,975**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A61K 31/445 (2006.01)**
[25] EN
[54] **AN IMPROVED NANOVECTOR BASED DRUG DELIVERY SYSTEM FOR OVERCOMING DRUG RESISTANCE**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT A BASE D'UN NANOVECTEUR AMELIORE POUR SURMONTER LA RESISTANCE A UN MEDICAMENT**
[72] BASKIN, DAVID S., US
[72] MARCANO, DANIELA, US
[72] SHARPE, MARTYN A., US
[72] TOUR, JAMES M., US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[71] THE METHODIST HOSPITAL RESEARCH INSTITUTE, US
[85] 2015-05-12
[86] 2013-03-15 (PCT/US2013/032502)
[87] (WO2014/062228)
[30] US (61/714,478) 2012-10-16

[21] **2,912,978**
[13] A1

[51] **Int.Cl. B44C 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A DECORATED WALL OR FLOOR PANEL**
[54] **PROCEDE DE PRODUCTION D'UN PANNEAU MURAL OU DE SOL DECORE**
[72] HANNIG, HANS-JURGEN, DE
[71] AKZENTA PANELEE + PROFILE GMBH, DE
[85] 2015-11-19
[86] 2014-07-18 (PCT/EP2014/065509)
[87] (WO2015/011049)
[30] EP (13177453.1) 2013-07-22
[30] DE (10 2013 108 671.3) 2013-08-09

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[21] **2,912,981**
[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01) A47C 7/40 (2006.01) A47C 7/44 (2006.01) A47C 7/46 (2006.01) A47C 31/12 (2006.01) A61G 5/10 (2006.01) A61G 5/12 (2006.01)**

[25] FR
[54] **MODULAR DEVICE FOR DORSAL PROTECTION**
[54] **DISPOSITIF MODULAIRE DE PROTECTION DORSALE**
[72] DESVAUX DE MARIGNY, CHRISTOPHER, FR
[71] EVOM, FR
[85] 2015-11-19
[86] 2014-05-22 (PCT/FR2014/051204)
[87] (WO2014/188132)
[30] FR (13 54649) 2013-05-23

[21] **2,912,986**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4162 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**

[25] EN
[54] **PYRAZOLO-PYRROLIDIN-4-ONE DERIVATIVES AS BET INHIBITORS AND THEIR USE IN THE TREATMENT OF DISEASE**
[54] **DERIVES DE PYRAZOLOPYRROLIDINE-4-ONE EN TANT QU'INHIBITEURS DE BET ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES**
[72] BLANK, JUTTA, CH
[72] BOLD, GUIDO, CH
[72] COTESTA, SIMONA, CH
[72] GUAGNANO, VITO, CH
[72] RUEEGER, HEINRICH, CH
[71] NOVARTIS AG, CH
[85] 2015-11-19
[86] 2014-05-27 (PCT/IB2014/061736)
[87] (WO2014/191906)
[30] EP (13169441.6) 2013-05-28

[21] **2,912,991**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 3/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN
[54] **PYRAZOLO-PYRROLIDIN-4-ONE DERIVATIVES AND THEIR USE IN THE TREATMENT OF DISEASE**
[54] **DERIVES DE PYRAZOLO-PYRROLIDIN-4-ONE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIE**
[72] BLANK, JUTTA, CH
[72] COTESTA, SIMONA, CH
[72] GUAGNANO, VITO, CH
[72] RUEEGER, HEINRICH, CH
[71] NOVARTIS AG, CH
[85] 2015-11-19
[86] 2014-05-27 (PCT/IB2014/061743)
[87] (WO2014/191911)
[30] EP (13169448.1) 2013-05-28

[21] **2,912,992**
[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01) A61M 39/18 (2006.01) F16L 29/00 (2006.01)**

[25] EN
[54] **CONNECTING DEVICE**
[54] **DISPOSITIF DE RACCORD**
[72] ARRIZZA, FABIO, IT
[72] ARDUINI, ARDUINO, IT
[71] GLOMERIA THERAPEUTICS SRL, IT
[85] 2015-11-19
[86] 2014-05-27 (PCT/IB2014/061750)
[87] (WO2014/191916)
[30] IT (RM2013A000308) 2013-05-28

[21] **2,912,997**
[13] A1

[51] **Int.Cl. A61K 8/66 (2006.01) A61K 8/22 (2006.01) A61K 8/60 (2006.01) A61Q 5/08 (2006.01) A61Q 19/02 (2006.01)**

[25] EN
[54] **ENZYMATIC SYSTEM-CONTAINING COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES CONTENANT UN SYSTEME ENZYMATIQUE**
[72] BELINKY, PAULA, IL
[72] KARMON, YORAM, IL
[72] KRINFELD, BELLA, IL
[72] LASSER, HAIM, IL
[71] RAKUTO BIO TECHNOLOGIES LTD., IL
[85] 2015-11-19
[86] 2014-05-27 (PCT/IL2014/050477)
[87] (WO2014/191995)
[30] US (61/827,685) 2013-05-27

[21] **2,913,001**
[13] A1

[51] **Int.Cl. G01N 21/53 (2006.01) G01N 21/25 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR SIMULTANEOUS MEASUREMENT OF TURBIDITY, COLOR AND CHLORINE CONTENT OF A SAMPLE OF A LIQUID**
[54] **SYSTEME ET PROCEDE DE MESURE SIMULTANEE DE TURBIDITE, DE COULEUR ET DE TENEUR EN CHLORE D'UN ECHANTILLON D'UN LIQUIDE**
[72] RACHMAN, ALEX, IL
[72] LIFSHITS, MIKHAIL, IL
[72] DIAMANT LAZAROVICH, STELA, IL
[71] BLUE-I WATER TECHNOLOGIES LTD., IL
[85] 2015-11-19
[86] 2014-06-02 (PCT/IL2014/050500)
[87] (WO2014/195946)
[30] US (61/830,271) 2013-06-03

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[21] **2,913,003**
[13] A1

[51] **Int.Cl. F25B 1/00 (2006.01) F24F 11/02 (2006.01) H02M 7/48 (2007.01)**

[25] EN

[54] **HEAT PUMP DEVICE, AND AIR CONDITIONER, HEAT PUMP WATER HEATER, REFRIGERATOR, AND FREEZING MACHINE INCLUDING HEAT PUMP DEVICE**

[54] **DISPOSITIF DE POMPE A CHALEUR, ET CLIMATISEUR, CHAUFFE-EAU A POMPE A CHALEUR, REFRIGERATEUR, ET CONGELATEUR LE COMPRENANT**

[72] HATAKEYAMA, KAZUNORI, JP

[72] KAMIYA, SHOTA, JP

[72] YUASA, KENTA, JP

[72] MATSUSHITA, SHINYA, JP

[72] KUSUBE, SHINSAKU, JP

[71] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2015-11-19

[86] 2013-05-23 (PCT/JP2013/064399)

[87] (WO2014/188566)

[21] **2,913,016**
[13] A1

[51] **Int.Cl. C12Q 1/06 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **MASS-SPECTROMETRIC RESISTANCE DETERMINATION BY GROWTH MEASUREMENT**

[54] **DETERMINATION DE RESISTANCES PAR MESURE DE LA CROISSANCE AU MOYEN D'UN SPECTROMETRE DE MASSE**

[72] LANGE, CHRISTOPH, DE

[72] SPARBIER, KATRIN, DE

[71] BRUKER DALTONIK GMBH, DE

[85] 2015-11-19

[86] 2014-04-03 (PCT/EP2014/000896)

[87] (WO2014/187517)

[30] EP (13002699.0) 2013-05-23

[21] **2,913,022**
[13] A1

[51] **Int.Cl. F02C 7/36 (2006.01)**

[25] EN

[54] **GAS TURBINES IN MECHANICAL DRIVE APPLICATIONS AND OPERATING METHODS**

[54] **TURBINES A GAZ DANS DES APPLICATIONS D'ENTRAINEMENT MECANIQUE ET PROCEDES D'EXPLOITATION**

[72] SANTINI, MARCO, IT

[72] DE IACO, MARCO, IT

[71] NUOVO PIGNONE SRL, IT

[85] 2015-11-19

[86] 2014-05-29 (PCT/EP2014/061219)

[87] (WO2014/191543)

[30] IT (FI2013A000130) 2013-05-31

[21] **2,913,023**
[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/00 (2006.01) A61K 9/127 (2006.01) A61K 9/14 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION, PREPARATION AND USES THEREOF**

[54] **COMPOSITION PHARMACEUTIQUE, PREPARATION ET UTILISATIONS DE CELLE-CI**

[72] POTTIER, AGNES, FR

[72] LEVY, LAURENT, FR

[72] MEYRE, MARIE-EDITH, FR

[72] DARMON, AUDREY, FR

[72] GERMAIN, MATTHIEU, FR

[71] NANOBIOITIX, FR

[85] 2015-11-19

[86] 2014-05-30 (PCT/EP2014/061296)

[87] (WO2014/191569)

[30] EP (13305712.5) 2013-05-30

[30] US (61/828,794) 2013-05-30

[21] **2,913,025**
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) G01N 1/34 (2006.01) G01N 1/40 (2006.01) G01N 33/579 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINING THE ENDOTOXIN CONTENT OF AN ALUMINIUM SALT PREPARATION**

[54] **PROCEDE DE DETERMINATION DE LA TENEUR EN ENDOTOXINE DANS UNE PREPARATION DE SEL D'ALUMINIUM**

[72] MASCAUX, CLEMENTINE, BE

[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE

[85] 2015-11-19

[86] 2014-06-05 (PCT/EP2014/061652)

[87] (WO2014/195387)

[30] GB (1310151.4) 2013-06-07

[21] **2,913,026**
[13] A1

[51] **Int.Cl. F04D 29/30 (2006.01)**

[25] EN

[54] **COMPRESSOR IMPELLERS**

[54] **ROUES DE COMPRESSEUR**

[72] SCOTTI DEL GRECO, ALBERTO, IT

[72] TAPINASSI, LIBERO, IT

[71] NUOVO PIGNONE SRL, IT

[85] 2015-11-19

[86] 2014-06-11 (PCT/EP2014/062158)

[87] (WO2014/198790)

[30] IT (CO2013A000024) 2013-06-13

[21] **2,913,027**
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **RESIN COMPOSITION, INJECTION MATERIAL AND PACKING METHOD**

[54] **COMPOSITION DE RESINE, AGENT D'INJECTION ET PROCEDE DE REMPLISSAGE**

[72] MAEDA, FUMIHIRO, JP

[72] ARITA, YASUSHI, JP

[72] ASAMI, MASAKATSU, JP

[71] SUMITOMO BAKELITE COMPANY LIMITED, JP

[85] 2015-10-15

[86] 2014-03-28 (PCT/JP2014/059218)

[87] (WO2014/171305)

[30] JP (2013-086118) 2013-04-16

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[21] **2,913,028**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **PYRROLO[3,2-D]PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS AND OTHER DISEASES**
[54] **DERIVES DE PYRROLO[3,2-D]PYRIMIDINE POUR LE TRAITEMENT DES INFECTIONS VIRALES ET AUTRES MALADIES**
[72] MC GOWAN, DAVID CRAIG, BE
[72] PIETERS, SERGE MARIA ALOYSIUS, NL
[72] LAST, STEFAAN JULIEN, BE
[72] EMBRECHTS, WERNER, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2015-11-19
[86] 2014-06-26 (PCT/EP2014/063467)
[87] (WO2014/207082)
[30] EP (13174108.4) 2013-06-27

[21] **2,913,029**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **LIPOCALIN FUSION PARTNERS**
[54] **PARTENAIRES DE FUSION DE LIPOCALINE**
[72] OLSON, JAMES, US
[72] MEHLIN, CHRISTOPHER, US
[72] CORRENTI, COLIN, US
[72] STRONG, ROLAND, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2015-11-19
[86] 2013-12-10 (PCT/US2013/074215)
[87] (WO2014/093403)
[30] US (61/735,516) 2012-12-10
[30] US (61/794,685) 2013-03-15

[21] **2,913,030**
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 5/30 (2006.01)**
[25] FR
[54] **ROTOR DISK BLADE WITH FRICTION-HELD ROOT, ROTOR DISK, TURBOMACHINE AND ASSOCIATED ASSEMBLY METHOD**
[54] **AUBE DE DISQUE DE ROTOR AVEC RETENUE DU PIED PAR FROTTEMENT, DISQUE DE ROTOR, TURBOMACHINE ET PROCEDE D'ASSEMBLAGE ASSOCIE**
[72] LOCATELLI, DAVID, FR
[72] ROUSSILLE, CLEMENT, FR
[72] HERRAIZ, IVAN, FR
[71] HERAKLES, FR
[71] SNECMA, FR
[85] 2015-11-19
[86] 2014-05-26 (PCT/FR2014/051231)
[87] (WO2014/191670)
[30] FR (1354797) 2013-05-28

[21] **2,913,031**
[13] A1

[51] **Int.Cl. F01D 5/28 (2006.01) C04B 35/80 (2006.01) F01D 5/18 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A CERAMIC MATRIX COMPOSITE COMPONENT WITH COOLING FEATURES**
[54] **PROCEDE DE FORMATION D'UN ELEMENT COMPOSITE A MATRICE CERAMIQUE DOTE DE CARACTERISTIQUES DE REFROIDISSEMENT**
[72] TUERTSCHER, MICHAEL RAY, US
[72] NOE, MARK EUGENE, US
[72] KIRBY, GLEN HAROLD, US
[72] WALKER, SHEENA KUM FOSTER, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-11-19
[86] 2014-04-23 (PCT/US2014/035088)
[87] (WO2014/193565)
[30] US (61/828,273) 2013-05-29

[21] **2,913,033**
[13] A1

[51] **Int.Cl. C01B 39/04 (2006.01) B01J 29/70 (2006.01) C01B 39/48 (2006.01) C10G 11/05 (2006.01)**
[25] EN
[54] **A PROCESS FOR MAKING MOLECULAR SIEVES**
[54] **PROCEDE DE FABRICATION DE TAMIS MOLECULAIRES**
[72] WESTON, SIMON C., US
[72] VROMAN, HILDA B., US
[72] STROHMAIER, KARL G., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2015-11-19
[86] 2014-05-05 (PCT/US2014/036761)
[87] (WO2014/200633)
[30] US (61/833,349) 2013-06-10
[30] EP (13179951.2) 2013-08-09

[21] **2,913,034**
[13] A1

[51] **Int.Cl. A43B 19/00 (2006.01)**
[25] EN
[54] **CUSHIONING SHOE INSERT**
[54] **GARNITURE INTERIEURE DE CHAUSSURE MATELASSEE**
[72] PRIDE, CARLENE, US
[71] PRIDE, CARLENE, US
[85] 2015-11-19
[86] 2014-05-19 (PCT/US2014/038678)
[87] (WO2014/189865)
[30] US (13/897,696) 2013-05-20

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[21] **2,913,035**
[13] A1

[51] **Int.Cl. C07D 311/20 (2006.01) C07D 231/38 (2006.01) C07D 235/08 (2006.01) C07D 235/12 (2006.01) C07D 487/04 (2006.01) A61K 31/415 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **5-AMINOPYRAZOLE-4-CARBOXAMIDE INHIBITORS OF CDPK1**

[54] **INHIBITEURS 5-AMINOPYRAZOLE-4-CARBOXAMIDE DE CDPK1 ISSUES DE T. GONDII ET C. PARVUM**

[72] HUANG, WENLIN, US
[72] OJO, KAYODE K., US
[72] FAN, ERKANG, US
[72] VAN VOORHIS, WESLEY C., US
[72] ZHANG, ZHONGSHENG, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US

[85] 2015-11-19
[86] 2014-05-20 (PCT/US2014/038813)
[87] (WO2014/189947)
[30] US (61/825,364) 2013-05-20
[30] US (61/889,451) 2013-10-10

[21] **2,913,036**
[13] A1

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

[25] EN

[54] **INDEX UPDATE PIPELINE**

[54] **PIPELINE DE MISE A JOUR D'INDEX**

[72] XIAO, WEI, US
[72] NG, CLARENCE WING YIN, US
[72] DHAWAN, MEDHAVI, US
[72] RATH, TIMOTHY ANDREW, US
[72] STEFANI, STEFANO, US
[71] AMAZON TECHNOLOGIES, INC., US

[85] 2015-11-19
[86] 2014-05-19 (PCT/US2014/038640)
[87] (WO2014/189851)
[30] US (13/898,151) 2013-05-20

[21] **2,913,040**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**

[25] EN

[54] **COMPONENT BASED AGGREGATION OF MEDICATION ORDERS**

[54] **REGROUPEMENT D'ORDONNANCES PAR CONSTITUANT**

[72] UTECH, THOMAS WILLIAM, US
[72] JASKELA, MARIA CONSOLACION, US
[72] WEBSTER, WILLIAM LEE, US
[71] CAREFUSION 303, INC., US

[85] 2015-11-19
[86] 2014-05-19 (PCT/US2014/038654)
[87] (WO2014/189856)
[30] US (13/901,497) 2013-05-23

[21] **2,913,041**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**

[25] EN

[54] **AUTOMATED UTILIZATION DRIVEN INVENTORY MANAGEMENT**

[54] **GESTION AUTOMATISEE DE STOCK ACTIONNEE SELON UTILISATION**

[72] UTECH, THOMAS WILLIAM, US
[72] JASKELA, MARIA CONSOLACION, US
[71] CAREFUSION 303, INC., US

[85] 2015-11-19
[86] 2014-05-19 (PCT/US2014/038658)
[87] (WO2014/189859)
[30] US (61/827,419) 2013-05-24
[30] US (13/931,746) 2013-06-28

[21] **2,913,043**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR ABLATION OF TISSUE**

[54] **DISPOSITIFS ET PROCEDES D'ABLATION DE TISSU**

[72] ASIRVATHAM, SAMUEL J., US
[72] HOLMES, DAVID R., JR., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US

[85] 2015-11-19
[86] 2014-05-20 (PCT/US2014/038722)
[87] (WO2014/189887)
[30] US (61/825,401) 2013-05-20
[30] US (61/902,384) 2013-11-11

[21] **2,913,046**
[13] A1

[51] **Int.Cl. F01D 5/28 (2006.01) F01D 5/30 (2006.01) F01D 11/00 (2006.01)**

[25] EN

[54] **COMPOSITE COMPRESSOR BLADE AND METHOD OF ASSEMBLING**

[54] **PALE DE COMPRESSEUR COMPOSITE ET PROCEDE D'ASSEMBLAGE**

[72] KRAY, NICHOLAS JOSEPH, US
[72] SUBRAMANIAN, SURESH, US
[72] NANDULA, PHANI, US
[72] JADHAV, PRAKASH KASHIRAM, US

[85] 2015-11-19
[86] 2014-05-21 (PCT/US2014/038904)
[87] (WO2014/190008)
[30] US (61/826,664) 2013-05-23

[21] **2,913,048**
[13] A1

[51] **Int.Cl. C09K 8/594 (2006.01)**

[25] EN

[54] **ENHANCED OIL RECOVERY METHOD EMPLOYING A BIODEGRADABLE BRINE TOLERANT FOAM-FORMING COMPOSITION**

[54] **PROCEDE AMELIORE DE RECUPERATION DE PETROLE UTILISANT UNE COMPOSITION EMULSIVE TOLERANTE A L'EAU SALEE ET BIODEGRADABLE**

[72] ABOELELLA, NERMEEN W., US
[72] ABBAS, SAYEED, US
[72] POINDEXTER, MICHAEL K., US
[72] SANDERS, AARON W., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2015-11-19
[86] 2014-05-22 (PCT/US2014/039142)
[87] (WO2014/193730)
[30] US (61/829,532) 2013-05-31

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[21] **2,913,049**
[13] A1

[51] **Int.Cl. H04W 16/10 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DYNAMIC SPECTRUM ARBITRAGE WITH HOME ENODEBS**
[54] **PROCEDES ET SYSTEMES D'ARBITRAGE DE SPECTRE DYNAMIQUE AYANT DES Nœuds Evolués Domestiques**
[72] SMITH, CLINT, US
[72] DEVISETTI, NAGESWARA RAO
[72] DEEKSHITHA, IN
[72] SMITH, SAMUEL, US
[71] RIVADA NETWORKS LLC, US
[85] 2015-11-19
[86] 2014-05-28 (PCT/US2014/039757)
[87] (WO2014/193933)
[30] US (61/828,238) 2013-05-29

[21] **2,913,050**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06Q 50/24 (2012.01)**
[25] EN
[54] **MANAGING RE-USE OF RETURNED MEDICATIONS**
[54] **GESTION DE LA REUTILISATION DE MEDICAMENTS RENVOYES**
[72] UTECH, THOMAS WILLIAM, US
[72] JASKELA, MARIA CONSOLACION, US
[72] WEBSTER, WILLIAM LEE, US
[71] CAREFUSION 303, INC., US
[85] 2015-11-19
[86] 2014-05-22 (PCT/US2014/039226)
[87] (WO2014/190198)
[30] US (13/900,493) 2013-05-22

[21] **2,913,051**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODY LOCKER FOR THE INACTIVATION OF PROTEIN DRUG**
[54] **DISPOSITIF DE VERROUILLAGE D'ANTICORPS UTILISABLE EN VUE DE L'INACTIVATION D'UN MEDICAMENT PROTEIQUE**
[72] CHENG, TIAN-LU, TW
[72] CHUANG, CHIH-HUNG, TW
[72] KO, HSIU-FEN, TW
[72] LU, YUN-CHI, TW
[71] DCB-USA LLC, US
[71] KAOHSIUNG MEDICAL UNIVERSITY, TW
[85] 2015-11-19
[86] 2014-05-28 (PCT/US2014/039821)
[87] (WO2014/193973)
[30] US (61/827,763) 2013-05-28

[21] **2,913,052**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/07 (2010.01) C07K 16/46 (2006.01) C12N 15/85 (2006.01) C12Q 1/04 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR-TARGETING MONOCLONAL ANTIBODIES**
[54] **ANTICORPS MONOCLONAUX CIBLANT UN RECEPTEUR D'ANTIGENE CHIMERIQUE**
[72] COOPER, LAURENCE J., US
[72] JENA, BIPULENDU, US
[72] SINGH, HARJEET, US
[72] RUSHWORTH, DAVID, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-11-19
[86] 2014-05-23 (PCT/US2014/039365)
[87] (WO2014/190273)
[30] US (61/827,312) 2013-05-24

[21] **2,913,053**
[13] A1

[51] **Int.Cl. B62D 31/02 (2006.01) B62D 33/02 (2006.01)**
[25] EN
[54] **LOW FLOOR VEHICLES FOR TRANSPORTING PASSENGERS**
[54] **VEHICULES A PLANCHER BAS POUR LE TRANSPORT DE PASSAGERS**
[72] KANE, KENNETH, US
[72] YOPP, SHAWN, US
[72] SMYCZAK, JOHN, US
[71] CHAMPION BUS, INC., US
[85] 2015-11-19
[86] 2014-05-27 (PCT/US2014/039604)
[87] (WO2014/190354)
[30] US (61/827,143) 2013-05-24
[30] US (13/953,983) 2013-07-30

[21] **2,913,054**
[13] A1

[51] **Int.Cl. F02K 1/08 (2006.01)**
[25] EN
[54] **DUAL-MODE PLUG NOZZLE**
[54] **TUYERE A NOYAU CENTRAL BIMODE**
[72] TERSMETTE, TREVOR ANDREW, US
[72] LEE, JASON ADAM, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-11-19
[86] 2014-05-29 (PCT/US2014/039914)
[87] (WO2015/026417)
[30] US (61/829,495) 2013-05-31

[21] **2,913,055**
[13] A1

[51] **Int.Cl. F01D 5/30 (2006.01)**
[25] EN
[54] **COMPOSITE AIRFOIL METAL PATCH**
[54] **PLAQUE METALLIQUE DE PROFIL AERODYNAMIQUE COMPOSITE**
[72] LI, QIANG, US
[72] KRAY, NICHOLAS JOSEPH, US
[72] FINN, SCOTT ROGER, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-11-19
[86] 2014-05-29 (PCT/US2014/039966)
[87] (WO2015/023345)
[30] US (61/828,275) 2013-05-29

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[21] **2,913,056**
[13] A1

[51] **Int.Cl. B26D 1/12 (2006.01)**
[25] EN
[54] **DICING MACHINES AND METHODS OF USE**
[54] **MACHINE DE DECOUPAGE ET PROCEDES D'UTILISATION**
[72] KLOCKOW, SCOTT ALAN, US
[71] URSCHTEL LABORATORIES, INC., US
[85] 2015-11-19
[86] 2014-05-23 (PCT/US2014/039372)
[87] (WO2014/190277)
[30] US (61/826,585) 2013-05-23
[30] US (14/285,075) 2014-05-22

[21] **2,913,057**
[13] A1

[51] **Int.Cl. F16B 39/10 (2006.01) B60B 3/16 (2006.01) F16B 37/14 (2006.01)**
[25] EN
[54] **LOOSE WHEEL NUT INDICATOR**
[54] **INDICATEUR D'ECROU DE ROUE DESSERRE**
[72] MASON, RONALD ROBERT, AU
[71] MARCHMONT PTY LIMITED, AU
[85] 2015-11-20
[86] 2014-04-04 (PCT/AU2014/000363)
[87] (WO2015/000013)
[30] AU (2013902494) 2013-07-05
[30] AU (2013903053) 2013-08-14

[21] **2,913,058**
[13] A1

[51] **Int.Cl. A01N 1/02 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **ORGAN PERFUSION SYSTEM AND DEVICE**
[54] **SYSTEME ET DISPOSITIF DE PERFUSION D'ORGANE**
[72] WOODARD, JOHN, AU
[72] OU, RUCHONG, AU
[72] NEVILE, JONATHAN CAVENDISH, AU
[71] PERFUSION SOLUTIONS PTY LTD, AU
[85] 2015-11-20
[86] 2014-05-26 (PCT/AU2014/000549)
[87] (WO2014/194349)
[30] AU (2013902065) 2013-06-07

[21] **2,913,059**
[13] A1

[51] **Int.Cl. H01M 4/14 (2006.01) H01M 4/66 (2006.01) H01M 4/68 (2006.01) H01M 4/86 (2006.01) H01M 10/04 (2006.01)**
[25] EN
[54] **RECHARGEABLE BATTERY WITH WAFER CURRENT COLLECTOR AND ASSEMBLY METHOD**
[54] **BATTERIE RECHARGEABLE COMPORTANT UN COLLECTEUR DE COURANT A PLAQUETTE ET PROCEDE D'ASSEMBLAGE**
[72] MUI, COLLIN KWOK LEUNG, US
[72] MOOMAW, DANIEL, US
[71] GRIDTENTIAL ENERGY, INC., US
[85] 2015-11-19
[86] 2014-05-23 (PCT/US2014/039379)
[87] (WO2014/190282)
[30] US (61/826,831) 2013-05-23

[21] **2,913,060**
[13] A1

[51] **Int.Cl. A61B 5/0215 (2006.01) A01N 1/02 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **CARDIAC FUNCTION EVALUATION SYSTEM**
[54] **SYSTEME D'EVALUATION DE LA FONCTION CARDIAQUE**
[72] OU, RUCHONG, AU
[72] WOODARD, JOHN, AU
[72] NEVILE, JONATHAN CAVENDISH, AU
[71] PERFUSION SOLUTIONS PTY LTD, AU
[85] 2015-11-20
[86] 2014-05-26 (PCT/AU2014/000550)
[87] (WO2014/197924)
[30] AU (2013902151) 2013-06-14

[21] **2,913,061**
[13] A1

[51] **Int.Cl. C07C 1/20 (2006.01) C07C 11/02 (2006.01)**
[25] EN
[54] **METHANOL CONVERSION PROCESS**
[54] **PROCEDE DE CONVERSION DE METHANOL**
[72] JENNINGS, JAMES ROBERT, GB
[71] AIR FUEL SYNTHESIS LIMITED, GB
[85] 2015-11-20
[86] 2013-05-24 (PCT/EP2013/060812)
[87] (WO2013/175014)
[30] GB (1209162.5) 2012-05-24

[21] **2,913,062**
[13] A1

[51] **Int.Cl. F04B 1/32 (2006.01) F04B 49/08 (2006.01)**
[25] EN
[54] **AXIAL PISTON PUMP HAVING A SWASH-PLATE TYPE CONSTRUCTION**
[54] **POMPE A PISTONS AXIAUX DE TYPE A PLATEAU INCLINABLE**
[72] BOSCH, RALF, DE
[72] KRONPASS, MANUEL, DE
[71] HYDAC DRIVE CENTER GMBH, DE
[85] 2015-11-20
[86] 2014-03-12 (PCT/EP2014/000658)
[87] (WO2014/187512)
[30] DE (10 2013 008 681.7) 2013-05-22
[30] DE (10 2013 008 678.7) 2013-05-22
[30] DE (10 2013 008 629.9) 2013-05-22
[30] DE (10 2013 008 679.5) 2013-05-22
[30] DE (10 2013 008 676.0) 2013-05-22
[30] DE (10 2013 008 677.9) 2013-05-22

[21] **2,913,063**
[13] A1

[51] **Int.Cl. G07B 11/00 (2006.01) H04W 12/00 (2009.01) G06F 21/64 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISTRIBUTING ELECTRONIC TICKETS WITH DATA INTEGRITY CHECKING**
[54] **PROCEDE ET SYSTEME DESTINES A LA DISTRIBUTION DE BILLETS ELECTRONIQUES COMPORTANT LA VERIFICATION DE L'INTEGRITE DES DONNEES**
[72] BERGDAL, MICAH, US
[72] GRASSER, MATTHEW, US
[72] IHM, NICHOLAS, US
[72] REJKO, KEVIN, US
[71] BYTEMARK, INC., US
[85] 2015-11-19
[86] 2014-05-23 (PCT/US2014/039393)
[87] (WO2014/190288)
[30] US (13/901,243) 2013-05-23
[30] US (61/826,850) 2013-05-23

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[21] **2,913,065**
[13] A1

[51] **Int.Cl. B62D 31/02 (2006.01) B62D 33/02 (2006.01)**

[25] EN

[54] **RETRACTABLE STEPS FOR LOW FLOOR VEHICLES FOR TRANSPORTING PASSENGERS**

[54] **MARCHES RETRACTABLES DESTINEES A DES VEHICULES A PLANCHER BAS POUR LE TRANSPORT DE PASSAGERS**

[72] KANE, KENNETH, US
[72] YOPP, SHAWN, US
[72] SMYCZAK, JOHN, US
[71] CHAMPION BUS, INC., US
[85] 2015-11-19
[86] 2014-05-27 (PCT/US2014/039603)
[87] (WO2014/190353)
[30] US (61/827,143) 2013-05-24
[30] US (13/954,152) 2013-07-30

[21] **2,913,066**
[13] A1

[51] **Int.Cl. C08F 220/56 (2006.01) C08K 3/08 (2006.01) C09K 8/68 (2006.01)**

[25] EN

[54] **TEMPERATURE-STABLE, ELECTROLYTE-CONTAINING HYDROGEL AND METHOD FOR STIMULATING CRUDE OIL AND NATURAL GAS DEPOSITS**

[54] **HYDROGEL CHARGE EN ELECTROLYTES STABLE EN TEMPERATURE ET PROCEDE DE STIMULATION DE GISEMENTS DE PETROLE ET DE GAZ NATUREL**

[72] DUGONJIC-BILIC, FATIMA, DE
[72] USENER, CAROLIN, DE
[72] NEUBER, MARITA, DE
[72] PFAHLS, MARGARETHE, DE
[72] WISSEL, MARION, DE
[71] TOUGAS OILFIELD SOLUTIONS GMBH, DE
[85] 2015-11-20
[86] 2014-05-22 (PCT/EP2014/001380)
[87] (WO2014/187565)
[30] DE (10 2013 008 769.4) 2013-05-23

[21] **2,913,068**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/32 (2006.01) C07K 14/415 (2006.01)**

[25] EN

[54] **PROCESS OF PROVIDING PLANTS WITH ABIOTIC STRESS RESISTANCE**

[54] **PROCEDE DE PRODUCTION DE PLANTES A RESISTANCE AU STRESS ABIOTIQUE**

[72] THUMMLER, ANKA, DE
[72] BARTELS, DOREEN, DE
[72] GIRITCH, ANATOLI, DE
[72] GLEBA, YURI, DE
[71] NOMAD BIOSCIENCE GMBH, DE
[85] 2015-11-20
[86] 2014-05-23 (PCT/EP2014/001403)
[87] (WO2014/187571)
[30] EP (13002691.7) 2013-05-23

[21] **2,913,069**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/24 (2006.01)**

[25] EN

[54] **NOVEL ANTIBODIES**

[54] **NOUVEAUX ANTICORPS**

[72] GUNDE, TEA, CH
[72] MEYER, SEBASTIAN, CH
[72] URECH, DAVID, CH
[71] NUMAB AG, CH
[85] 2015-11-20
[86] 2014-05-28 (PCT/EP2014/001460)
[87] (WO2014/191113)
[30] EP (13002769.1) 2013-05-28
[30] EP (13005113.9) 2013-10-25
[30] EP (PCT/EP2014/001282) 2014-05-12

[21] **2,913,070**
[13] A1

[51] **Int.Cl. B22D 41/22 (2006.01) B22D 41/56 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR AUTOMATIC REPLACEMENT OF A DISCHARGE SHELL ON A SLIDING CLOSURE OF A METALLURGICAL VESSEL**

[54] **PROCEDE ET DISPOSITIF POUR LE REMPLACEMENT AUTOMATIQUE D'UN MANCHON DE RIGOLE DE COULEE A UNE FERMETURE COULISSANTE D'UN RECIPIENT METALLURGIQUE**

[72] INFANGER, IVO, CH
[72] HUGENER, BRUNO, CH
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2015-11-20
[86] 2014-05-07 (PCT/EP2014/059353)
[87] (WO2015/003829)
[30] CH (01249/13) 2013-07-11

[21] **2,913,071**
[13] A1

[51] **Int.Cl. H02J 7/35 (2006.01) F24J 2/46 (2006.01)**

[25] FR

[54] **INSTALLATION FOR RETURNING ENERGY TO AN ITEM OF EQUIPMENT TO BE SUPPLIED WITH ENERGY, IN PARTICULAR AN ELECTRIC VEHICLE**

[54] **INSTALLATION DE RESTITUTION D'ENERGIE A UN EQUIPEMENT A ALIMENTER EN ENERGIE, NOTAMMENT UN VEHICULE ELECTRIQUE**

[72] LE PAVEN, YVON, FR
[72] VALLEE, ALAIN, CA
[72] FLORIMOND, VALERY, CA
[72] SAMMOUDA, KARIM, CA
[72] CARON, JEAN, CA
[72] ETIENNE, PIERRE-LUC, CA
[71] BLUE SOLUTIONS, FR
[85] 2015-11-19
[86] 2014-05-21 (PCT/EP2014/060404)
[87] (WO2014/187844)
[30] FR (1354583) 2013-05-22

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[21] **2,913,073**
[13] A1

[51] **Int.Cl. B22F 3/115 (2006.01) C23C 24/04 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A SHELL-SHAPED COMPONENT AND PRODUCTION SYSTEM SUITABLE FOR THE USE OF SAID METHOD**

[54] **PROCEDE DE FABRICATION D'UN ELEMENT STRUCTURAL CONCAVE AINSI QU'EQUIPEMENT DE PRODUCTION POUR LA MISE EN OEUVRE DE CE PROCEDE**

[72] DOYE, CHRISTIAN, DE
[72] KRUGER, URSUS, DE
[72] STIER, OLIVER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2015-11-20
[86] 2014-05-12 (PCT/EP2014/059612)
[87] (WO2014/187688)
[30] DE (10 2013 209 477.9) 2013-05-22
[30] DE (10 2013 216 439.4) 2013-08-20

[21] **2,913,074**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/02 (2006.01)**

[25] EN

[54] **TOPICAL NEUROLOGICAL STIMULATION**

[54] **STIMULATION NEUROLOGIQUE TOPIQUE**

[72] CREASEY, GRAHAM H., US
[72] TOONG, HOO-MIN, US
[71] CREASEY, GRAHAM H., US
[71] TOONG, HOO-MIN, US

[85] 2015-11-19
[86] 2014-05-30 (PCT/US2014/040240)
[87] (WO2014/194200)
[30] US (61/828,981) 2013-05-30

[21] **2,913,076**
[13] A1

[51] **Int.Cl. H03L 7/085 (2006.01) H03M 3/02 (2006.01)**

[25] EN

[54] **METHODS AND DEVICES FOR ERROR CORRECTION OF A SIGNAL USING DELTA SIGMA MODULATION**

[54] **PROCEDES ET DISPOSITIFS DE CORRECTION D'ERREUR D'UN SIGNAL A L'AIDE D'UNE MODULATION DELTA SIGMA**

[72] DIONNE, DONALD JEFFREY, CA
[72] HOWSE, BRIAN LEONARD WILLIAM, CA
[72] MCCANN, JENNIFER MARIE, CA
[71] SMART ENERGY INSTRUMENTS INC., CA

[85] 2015-11-20
[86] 2013-11-28 (PCT/CA2013/050912)
[87] (WO2015/077859)

[21] **2,913,077**
[13] A1

[51] **Int.Cl. C08G 18/72 (2006.01) C08G 18/08 (2006.01) C08G 18/32 (2006.01) C08J 9/28 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING POROUS MATERIALS**

[54] **PROCEDE DE PRODUCTION DE MATERIAUX POREUX**

[72] FRICKE, MARC, DE
[72] WEINRICH, DIRK, DE
[71] BASF SE, DE

[85] 2015-11-20
[86] 2014-05-14 (PCT/EP2014/059860)
[87] (WO2014/187710)
[30] EP (13169147.9) 2013-05-24

[21] **2,913,078**
[13] A1

[51] **Int.Cl. A61K 38/37 (2006.01) A61K 47/48 (2006.01) A61P 7/04 (2006.01)**

[25] EN

[54] **THROMBIN CLEAVABLE LINKER WITH XTEN AND ITS USES THEREOF**

[54] **LIEUR POUVANT ETRE FENDU PAR THROMBINE AYANT UN XTEN ET SES UTILISATIONS**

[72] CHHABRA, EKTA SETH, US
[72] KULMAN, JOHN, US
[72] LIU, TONGYAO, US
[71] BIOGEN MA INC., US

[85] 2015-11-19
[86] 2014-06-27 (PCT/US2014/044731)
[87] (WO2014/210558)
[30] US (61/840,872) 2013-06-28

[21] **2,913,080**
[13] A1

[51] **Int.Cl. F16C 33/30 (2006.01) F16C 33/62 (2006.01)**

[25] EN

[54] **BEARING COMPONENT**

[54] **COMPOSANT DE ROULEMENT**

[72] BESWICK, JOHN, NL
[72] SHERIFF, MOHAMED, NL
[72] BEAURIN, GAUTHIER, FR
[71] AKTIEBOLAGET SKF, SE
[71] SKF AEROSPACE FRANCE, FR

[85] 2015-11-20
[86] 2014-05-16 (PCT/EP2014/060058)
[87] (WO2014/187738)
[30] EP (13168522.4) 2013-05-21

[21] **2,913,081**
[13] A1

[51] **Int.Cl. F02C 7/14 (2006.01)**

[25] EN

[54] **CONFORMAL SURFACE HEAT EXCHANGER FOR AIRCRAFT**

[54] **ECHANGEUR DE CHALEUR A SURFACE CONFORME POUR AERONEF**

[72] CAMPBELL, KEITH ALAN, US
[72] STORAGE, MICHAEL RALPH, US
[72] MCQUEEN, DENNIS ALAN, US
[72] MOTTIER, BRADLEY DRAKE, US
[71] UNISON INDUSTRIES, LLC, US

[85] 2015-11-19
[86] 2014-06-03 (PCT/US2014/040723)
[87] (WO2014/197488)
[30] US (61/830,434) 2013-06-03

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[21] **2,913,082**
[13] A1

[51] **Int.Cl. B60D 1/48 (2006.01) B62D 63/04 (2006.01)**

[25] EN

[54] **RECEPTACLE FOR A TOWING MEANS AND METHOD OF MANUFACTURE**

[54] **LOGEMENT DE MOYEN DE REMORQUAGE ET PROCEDE DE FABRICATION**

[72] GARNWEIDNER, PETER, AT

[71] MAGNA INTERNATIONAL INC., CA

[85] 2015-11-20

[86] 2014-06-20 (PCT/CA2014/000508)

[87] (WO2014/201547)

[30] DE (10 2013 211 794.9) 2013-06-21

[21] **2,913,085**
[13] A1

[51] **Int.Cl. A61K 31/416 (2006.01) A61K 31/4439 (2006.01) A61K 31/505 (2006.01) A61K 31/5415 (2006.01) A61P 15/18 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION AND THE USE THEREOF, AND APPLICATION REGIME OF SAID PHARMACEUTICAL COMPOSITION FOR ON-DEMAND CONTRACEPTION**

[54] **COMPOSITION PHARMACEUTIQUE ET SON UTILISATION, AINSI QUE SCHEMA D'EMPLOI DE CETTE COMPOSITION PHARMACEUTIQUE POUR LA CONTRACEPTION A LA DEMANDE**

[72] LINDENTHAL, BERNHARD, DE

[72] BRAUER, NICO, DE

[72] SERNO, PETER, DE

[72] ROTGERI, ANDREA, DE

[72] FUHRMANN, ULRIKE, DE

[72] BUCHMANN, BERND, DE

[72] MENGEL, ANNE, DE

[72] ROHN, ULRIKE, DE

[72] TER LAAK, ANTONIUS, DE

[71] BAYER PHARMA AKTIENFESELLSCHAFT, DE

[85] 2015-11-20

[86] 2014-05-16 (PCT/EP2014/060103)

[87] (WO2014/187744)

[30] EP (13169029.9) 2013-05-23

[21] **2,913,086**
[13] A1

[51] **Int.Cl. B67D 1/04 (2006.01) B67D 1/08 (2006.01)**

[25] EN

[54] **BEVERAGE MAKING CARTRIDGES FOR USE IN A BEVERAGE MAKING MACHINE**

[54] **CARTOUCHES DE PREPARATION DE BOISSONS DESTINEES A ETRE UTILISEES DANS UNE MACHINE DE PREPARATION DE BOISSONS**

[72] CHHLIAR, JITENDER, US

[72] ZHANG, NICOLE, US

[72] XU, HONGGUAN, US

[72] KOLLS, BROCK, US

[72] GREEN, BRAD, US

[71] THE COCA-COLA COMPANY, US

[85] 2015-11-19

[86] 2014-06-04 (PCT/US2014/040942)

[87] (WO2014/197619)

[30] US (61/830,767) 2013-06-04

[30] US (61/830,775) 2013-06-04

[30] US (13/913,309) 2013-06-07

[30] US (13/913,304) 2013-06-07

[30] US (13/913,316) 2013-06-07

[30] US (13/913,201) 2013-06-07

[30] US (13/913,227) 2013-06-07

[30] US (13/913,235) 2013-06-07

[30] US (13/913,211) 2013-06-07

[30] US (13/913,320) 2013-06-07

[30] US (13/913,311) 2013-06-07

[30] US (13/913,218) 2013-06-07

[21] **2,913,088**
[13] A1

[51] **Int.Cl. C07K 16/12 (2006.01) C07K 14/31 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **GENERATION OF HIGHLY POTENT ANTIBODIES NEUTRALIZING THE LUKGH (LUKAB) TOXIN OF STAPHYLOCOCCUS AUREUS**

[54] **GENERATION D'ANTICORPS HAUTEMENT PUISSANTS NEUTRALISANT LA TOXINE LUK GH (LUKAB) DU STAPHYLOCOQUE DORE**

[72] NAGY, ESZTER, AT

[72] BADARAU, ADRIANA, AT

[72] ROUHA, HARALD, AT

[72] MAGYARICS, ZOLTAN, AT

[72] ZETTL, SOPHIA, AT

[72] BATTLES, MICHAEL BENJAMIN, US

[71] ARSANIS BIOSCIENCES GMBH, AT

[85] 2015-11-20

[86] 2014-05-16 (PCT/EP2014/060123)

[87] (WO2014/187746)

[30] EP (13168631.3) 2013-05-21

[21] **2,913,090**
[13] A1

[51] **Int.Cl. E04C 3/02 (2006.01)**

[25] EN

[54] **FOLDABLE STRUCTURAL TRUSS**

[54] **FERME STRUCTURALE PLIABLE**

[72] BOUCHARD, JOHNNY, CA

[72] DUCHARME, JEAN-FRANCOIS, CA

[72] JOBIN, PIERRE, CA

[71] LES ENCEINTES ACOUSTIQUES UNISSON INC., CA

[85] 2015-11-20

[86] 2014-05-23 (PCT/CA2014/050487)

[87] (WO2014/186906)

[30] US (61/826,976) 2013-05-23

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[21] **2,913,091**
[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING EXTRACORPOREAL BLOOD FLOW**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UN CIRCUIT SANGUIN EXTRACORPOREL**
[72] KOPPERSCHMIDT, PASCAL, DE
[72] NURNBERGER, THOMAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2015-11-20
[86] 2014-05-16 (PCT/EP2014/060171)
[87] (WO2014/187755)
[30] DE (10 2013 008 720.1) 2013-05-23

[21] **2,913,092**
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01) A61K 31/4184 (2006.01) A61K 31/4745 (2006.01) A61K 39/395 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **TREATMENT OF POLYPOIDAL CHOROIDAL VASCULOPATHY**
[54] **TRAITEMENT DE LA VASCULOPATHIE POLYPOIDALE CHOROIDIENNE**
[72] ZEITZ, OLIVER, DE
[71] BAYER HEALTHCARE LLC, US
[85] 2015-11-20
[86] 2014-05-20 (PCT/EP2014/060347)
[87] (WO2014/187826)
[30] EP (13169079.4) 2013-05-24

[21] **2,913,093**
[13] A1

[51] **Int.Cl. A63F 13/20 (2014.01) A63F 13/90 (2014.01) A63F 13/98 (2014.01)**
[25] EN
[54] **CONTROLLER FOR A GAMES CONSOLE**
[54] **MANETTE DE COMMANDE POUR CONSOLE DE JEU**
[72] BURGESS, SIMON, GB
[72] IRONMONGER, DUNCAN, US
[71] IRONBURG INVENTIONS LTD, GB
[85] 2015-11-20
[86] 2014-05-22 (PCT/EP2014/060587)
[87] (WO2014/187923)
[30] US (61/826,087) 2013-05-22
[30] US (61/882,171) 2013-09-25

[21] **2,913,094**
[13] A1

[51] **Int.Cl. C01G 49/10 (2006.01) C02F 1/72 (2006.01)**
[25] EN
[54] **IMPROVED METHOD FOR OBTAINING AN IRON-COMPRISING SOLUTION OF HIGH CONCENTRATION**
[54] **PROCEDE AMELIORE PERMETTANT D'OBTENIR UNE SOLUTION A CONCENTRATION ELEVEE DE FER**
[72] PEETERS, RUDY, BE
[71] TESSENDERLO CHEMIE NV, BE
[85] 2015-11-20
[86] 2014-05-22 (PCT/EP2014/060589)
[87] (WO2014/187925)
[30] EP (13168775.8) 2013-05-22
[30] EP (13195781.3) 2013-12-05

[21] **2,913,096**
[13] A1

[51] **Int.Cl. C10L 3/10 (2006.01) C10L 3/12 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESS FOR DIALKYLDISULFIDES TREATMENT**
[54] **PROCEDE INTEGRE POUR LE TRAITEMENT DE POLYDYLDISULFURES**
[72] WEISS, CLAIRE, FR
[72] GHODASARA, KAMLESH, FR
[71] TOTAL SA, FR
[85] 2015-11-20
[86] 2014-05-23 (PCT/EP2014/060643)
[87] (WO2014/187947)
[30] EP (13305681.2) 2013-05-24

[21] **2,913,097**
[13] A1

[51] **Int.Cl. D01F 1/10 (2006.01) D01F 6/04 (2006.01)**
[25] EN
[54] **UHMWPE FIBER**
[54] **FIBRE DE PE-UHPM**
[72] VLASBLOM, MARTIN PIETER, NL
[72] GIJSMAN, PIETER, NL
[71] DSM IP ASSETS B.V., NL
[85] 2015-11-20
[86] 2014-05-23 (PCT/EP2014/060644)
[87] (WO2014/187948)
[30] EP (13168985.3) 2013-05-23

[21] **2,913,098**
[13] A1

[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TYLOSIN DERIVATIVES AND METHOD FOR PREPARATION THEREOF**
[54] **DERIVES DE TYLOSINE ET LEUR PROCEDE DE PREPARATION**
[72] KLEEFELD, GERD, DE
[72] FROYMAN, ROBRECHT, BE
[72] LUDWIG, CAROLIN, DE
[72] OMURA, SATOSHI, JP
[72] SUNAZUKA, TOSHIAKI, JP
[72] TOMOYASU, HIROSE, JP
[72] AKIHIRO, SUGAWARA, JP
[72] KAZURO, SHIOMI, JP
[71] BAYER ANIMALHEALTH GMBH, DE
[71] THE KITASATO INSTITUTE, JP
[85] 2015-11-20
[86] 2014-05-23 (PCT/EP2014/060665)
[87] (WO2014/187957)
[30] EP (13169009.1) 2013-05-23

[21] **2,913,099**
[13] A1

[51] **Int.Cl. B05C 17/005 (2006.01) B05C 17/01 (2006.01)**
[25] EN
[54] **APPLICATION NOZZLE**
[54] **BUSE D'APPLICATION**
[72] BRODBECK, THOMAS, CH
[72] HUFSCHMID, ANDREAS, CH
[72] BUCK, MANUEL, CH
[71] SULZER MIXPAC AG, CH
[85] 2015-11-20
[86] 2014-05-26 (PCT/EP2014/060864)
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[30] EP (13169808.6) 2013-05-29

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[21] **2,913,100**
[13] A1

[51] **Int.Cl. A61K 49/04 (2006.01)**
[25] EN
[54] **GEL FORMULATIONS FOR GUIDING RADIOTHERAPY**
[54] **FORMULES DE GEL POUR LE GUIDAGE D'UNE RADIOTHERAPIE**
[72] ANDRESEN, THOMAS LARS, DK
[72] JOLCK, RASMUS IRMING, DK
[72] ALBRECHTSEN, MORTEN, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[71] NANOVI RADIOTHERAPY APS, DK
[85] 2015-11-20
[86] 2014-05-23 (PCT/EP2014/060673)
[87] (WO2014/187962)
[30] SE (1350637-3) 2013-05-24

[21] **2,913,101**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR BLADE OF A WIND TURBINE AND WIND TURBINE**
[54] **PALE DE ROTOR D'UNE EOLIENNE ET EOLIENNE**
[72] ALTMIKUS, ANDREE, DE
[71] WOBLEN PROPERTIES GMBH, DE
[85] 2015-11-20
[86] 2014-06-11 (PCT/EP2014/062100)
[87] (WO2014/198754)
[30] DE (10 2013 210 901.6) 2013-06-11

[21] **2,913,102**
[13] A1

[51] **Int.Cl. H04W 12/00 (2009.01) H04W 8/22 (2009.01) G06F 21/00 (2013.01)**
[25] EN
[54] **MOBILE DEVICE PERSISTENT SECURITY MECHANISM**
[54] **MECANISME DE SECURITE REMANENT POUR DISPOSITIF MOBILE**
[72] MAHAFFEY, KEVIN PATRICK, US
[72] BUCK, BRIAN JAMES, US
[72] GUPTA, SAMIR VILAS, US
[72] NANDWANI, ANKUR BHARATBHUSHAN, US
[71] LOOKOUT, INC., US
[85] 2015-11-19
[86] 2014-06-05 (PCT/US2014/041177)
[87] (WO2014/200822)
[30] US (13/916,484) 2013-06-12

[21] **2,913,103**
[13] A1

[51] **Int.Cl. B21D 7/024 (2006.01) B21D 7/02 (2006.01)**
[25] FR
[54] **DEVICE FOR BENDING PROFILE SECTIONS SUCH AS TUBES**
[54] **DISPOSITIF DE CINTRAGE DE PROFILS TELS QUE DES TUBES**
[72] JAUBERT, PHILIPPE, FR
[72] CHASTAN, JEAN PAUL, FR
[71] ADMC HOLDING, LLC, US
[85] 2015-09-18
[86] 2014-01-20 (PCT/FR2014/000012)
[87] (WO2014/111638)
[30] FR (13/00124) 2013-01-21

[21] **2,913,104**
[13] A1

[51] **Int.Cl. C14B 15/06 (2006.01)**
[25] EN
[54] **PELT BOARD**
[54] **PLANCHE A PEAU**
[72] PEDERSEN, KURT, DK
[71] 4M GLOBE MANAGEMENT LTD., GB
[85] 2015-11-20
[86] 2014-05-15 (PCT/EP2014/059936)
[87] (WO2014/187723)
[30] DK (PA 2013 70278) 2013-05-23

[21] **2,913,105**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **NON-INVASIVE BLOOD BASED MONITORING OF GENOMIC ALTERATIONS IN CANCER**
[54] **SUIVI NON INVASIF BASE SUR LE SANG DE MODIFICATIONS GENOMIQUES DANS UN CANCER**
[72] JANNE, PASI A., US
[72] PAWELETZ, CLOUD P., US
[72] OXNARD, GEOFFREY, US
[72] KUANG, YANAN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2015-11-19
[86] 2014-06-11 (PCT/US2014/041871)
[87] (WO2014/201092)
[30] US (61/833,556) 2013-06-11
[30] US (61/889,148) 2013-10-10

[21] **2,913,106**
[13] A1

[51] **Int.Cl. A61K 31/616 (2006.01) A61K 9/26 (2006.01) A61K 31/4439 (2006.01) A61K 45/08 (2006.01) A61K 47/10 (2006.01) A61K 47/32 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **ORALLY DISINTEGRABLE TABLET**
[54] **COMPRIME A DELITEMENT ORAL**
[72] KAWANO, TETSUYA, JP
[72] ISHII, YUMIKO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2015-11-19
[86] 2014-05-20 (PCT/JP2014/063307)
[87] (WO2014/189034)
[30] JP (2013-107072) 2013-05-21

[21] **2,913,107**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **TTV MIRNA SEQUENCES AS AN EARLY MARKER FOR THE FUTURE DEVELOPMENT OF CANCER AND AS A TARGET FOR CANCER TREATMENT AND PREVENTION**
[54] **SEQUENCES DE MIARN DE TTV EN TANT QUE MARQUEUR PRECOCE POUR LE DEVELOPPEMENT FUTUR D'UN CANCER ET EN TANT QUE CIBLE POUR LE TRAITEMENT ET LA PREVENTION DU CANCER**
[72] ZUR-HAUSEN, HARALD, DE
[72] DE VILLIERS, ETHEL-MICHELE, DE
[72] CID-ARREGUI, ANGEL, DE
[72] SARACHAGA DE BENITO, VICTOR, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2015-11-20
[86] 2014-06-12 (PCT/EP2014/062251)
[87] (WO2014/198833)
[30] EP (13003062.0) 2013-06-14

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[13] A1

[51] **Int.Cl. C07D 263/62 (2006.01) C07K 16/44 (2006.01) G01N 33/531 (2006.01) G01N 33/58 (2006.01) G01N 33/94 (2006.01)**

[25] EN

[54] **PATHWAY SPECIFIC ASSAYS FOR PREDICTING IRRITABLE BOWEL SYNDROME DIAGNOSIS**

[54] **DOSAGES SPECIFIQUES DES VOIES DE SIGNALISATION POUR LA PREDICTION DE DIAGNOSTIC DU SYNDROME DU COLON IRRITABLE**

[72] SELVARAJ, FABIYOLA, US

[72] PRINCEN, FRED, US

[72] SINGH, SHARAT, US

[71] NESTEC S.A., CH

[85] 2015-11-20

[86] 2014-05-22 (PCT/IB2014/061634)

[87] (WO2014/188377)

[30] US (61/827,506) 2013-05-24

[21] **2,913,109**
[13] A1

[51] **Int.Cl. F24H 9/20 (2006.01) F24D 19/10 (2006.01)**

[25] EN

[54] **METHOD FOR CONTROLLING CASCADE BOILER SYSTEM**

[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE CHAUDIERES EN CASCADE**

[72] RYU, SUNG HOON, KR

[71] KYUNG DONG ONE CORPORATION, KR

[85] 2015-11-19

[86] 2014-05-21 (PCT/KR2014/004543)

[87] (WO2014/189288)

[30] KR (10-2013-0059018) 2013-05-24

[21] **2,913,110**
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/11 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IMPROVED VESSEL ACCESS CLOSURE**

[54] **SYSTEMES ET PROCEDES POUR UNE FERMETURE D'ACCES DE VAISSEAU AMELIOREE**

[72] GINN, RICHARD, US

[72] VALENCIA, HANS, US

[71] PROMED, INC., US

[85] 2015-11-19

[86] 2014-06-11 (PCT/US2014/041893)

[87] (WO2014/201105)

[30] US (61/833,842) 2013-06-11

[21] **2,913,111**
[13] A1

[51] **Int.Cl. B21D 22/20 (2006.01) B21D 24/00 (2006.01) B21D 53/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR MOLDING METAL SEPARATOR**

[54] **DISPOSITIF DE MISE EN FORME POUR SEPARATEUR METALLIQUE ET SON PROCEDE DE MISE EN FORME**

[72] TAGUCHI, NAOTO, JP

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

[85] 2015-11-20

[86] 2014-04-03 (PCT/JP2014/059898)

[87] (WO2014/188800)

[30] JP (2013-108064) 2013-05-22

[21] **2,913,112**
[13] A1

[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/02 (2006.01)**

[25] EN

[54] **NANOCRYSTALLINE ZIRCONIA AND METHODS OF PROCESSING THEREOF**

[54] **OXYDE DE ZIRCONIUM NANOCRISTALLIN ET SES PROCEDES DE FABRICATION**

[72] BRODKIN, DMITRI G., US

[72] WANG, YIJUN, US

[72] TANG, LING, US

[72] KHAN, AJMAL, US

[72] VERANO, ANNA B., US

[71] IVOCLAR VIVADENT, INC., US

[85] 2015-11-19

[86] 2014-06-12 (PCT/US2014/042140)

[87] (WO2014/209626)

[30] US (61/840,055) 2013-06-27

[21] **2,913,113**
[13] A1

[51] **Int.Cl. C09J 153/02 (2006.01) A61L 15/58 (2006.01) C08L 53/02 (2006.01)**

[25] EN

[54] **HOT-MELT ADHESIVE AGENT**

[54] **AGENT ADHESIF THERMOFUSIBLE**

[72] MORIGUCHI, MASAHIRO, JP

[72] MAEDA, NAOHIRO, JP

[71] HENKEL AG & CO. KGAA, DE

[85] 2015-11-20

[86] 2014-05-21 (PCT/JP2014/064041)

[87] (WO2014/189150)

[30] JP (2013-107764) 2013-05-22

[21] **2,913,114**
[13] A1

[51] **Int.Cl. F04B 53/00 (2006.01) F04B 53/16 (2006.01) F04B 53/22 (2006.01)**

[25] EN

[54] **MAGNETIC ANTI-ROTATION DEVICE FOR PUMP ACCESS COVER RETAINER**

[54] **DISPOSITIF ANTI-ROTATION MAGNETIQUE POUR SYSTEME DE RETENUE DE CACHE D'ACCES DE POMPE**

[72] SMITH, JASON D., US

[71] FMC TECHNOLOGIES, INC., US

[85] 2015-11-20

[86] 2013-05-23 (PCT/US2013/042423)

[87] (WO2014/189514)

[21] **2,913,115**
[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01) A61K 47/08 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING GC-MACROPHAGE ACTIVATING FACTOR AND USES THEREOF**

[54] **COMPOSITION COMPRENANT LE FACTEUR D'ACTIVATION DES MACROPHAGES GC ET UTILISATIONS ASSOCIEES**

[72] MARGALIT, ILANA, IL

[72] SHAHAR, MICHAL, IL

[72] LIFSHITS, SVETA, IL

[72] SPITZER, AYA, IL

[71] EFRANAT LTD., IL

[85] 2015-11-20

[86] 2014-06-09 (PCT/IL2014/050516)

[87] (WO2014/199373)

[30] US (61/832,867) 2013-06-09

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[21] **2,913,116**
[13] A1

[51] **Int.Cl. G01N 21/952 (2006.01)**
[25] EN
[54] **METHOD FOR THE SURFACE INSPECTION OF LONG PRODUCTS AND APPARATUS SUITABLE FOR CARRYING OUT SUCH A METHOD**
[54] **PROCEDE D'INSPECTION DE SURFACE DE PRODUITS LONGS, ET APPAREIL CONVENANT POUR METTRE EN OEUVRE UN TEL PROCEDE**
[72] MOROLI, VALERIO, IT
[71] CENTRO SVILUPPO MATERIALI S.P.A., IT
[85] 2015-11-20
[86] 2013-05-23 (PCT/IT2013/000145)
[87] (WO2014/188457)

[21] **2,913,117**
[13] A1

[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CLEAR CHANNEL ASSESSMENT (CCA)**
[54] **PROCEDES ET APPAREILS POUR EVALUATION DE CANAL LIBRE (CCA)**
[72] MERLIN, SIMONE, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[72] BAIK, EUGENE JONG-HYON, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-11-19
[86] 2014-07-02 (PCT/US2014/045241)
[87] (WO2015/003053)
[30] US (61/843,315) 2013-07-05
[30] US (14/321,331) 2014-07-01

[21] **2,913,118**
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTI-TNF- α /CXCL10 DOUBLE-TARGETING ANTIBODY AND USE THEREOF**
[54] **ANTICORPS A DOUBLE CIBLE ANTI-TNF- α /CXCL10 ET SON UTILISATION**
[72] KANG, HEUN-SOO, KR
[72] PARK, SO-HYUN, KR
[72] SONG, YEONG WOOK, KR
[72] SHIN, KI CHUL, KR
[72] LEE, EUN YOUNG, KR
[72] LEE, EUN BONG, KR
[72] PARK, YOUNG WOO, KR
[72] PARK, BUM-CHAN, KR
[72] LEE, DONG HEE, KR
[72] KIM, DONG JIN, KR
[72] YUN, SEON HA, KR
[72] LEE, KE SE, KR
[72] LEE, HYUN JU, KR
[72] KIM, KYUNG JIN, KR
[72] KIM, HEE CHAN, KR
[72] YOO, SEOK HO, KR
[72] JANG, MYEOUNG HEE, KR
[72] JANG, SEIL, KR
[71] METABOLIC ENGINEERING LABORATORIES CO., LTD., KR
[85] 2015-11-19
[86] 2014-05-22 (PCT/KR2014/004579)
[87] (WO2014/189306)
[30] KR (10-2013-0057475) 2013-05-22
[30] KR (10-2013-0057762) 2013-05-22

[21] **2,913,119**
[13] A1

[51] **Int.Cl. G06Q 40/06 (2012.01) G06F 5/00 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **PERMANENT PRESERVATION AND RETRIEVAL OF DATA OBJECT IN THE CLOUD**
[54] **PRESERVATION PERMANENTE ET RECUPERATION D'OBJET DE DONNEES DANS LE NUAGE**
[72] MEAKEM, GLEN THEODORE, US
[72] TULLOCH, SHANE MICHAEL, US
[72] SANDS, WILLIAM H., US
[72] BUCKLEY, LINDA M., US
[72] BERGER, ROBERT W., US
[72] COX, ANDREW D., US
[72] FARRAR, STEPHEN E., US
[71] FOREVER, INC., US
[85] 2015-11-19
[86] 2014-07-29 (PCT/US2014/048523)
[87] (WO2015/020829)
[30] US (61/864,026) 2013-08-09

[21] **2,913,120**
[13] A1

[51] **Int.Cl. D21H 21/20 (2006.01) D21H 21/10 (2006.01)**
[25] EN
[54] **USE OF NANOCRYSTALLINE CELLULOSE AND POLYMER GRAFTED NANOCRYSTALLINE CELLULOSE FOR INCREASING RETENTION IN PAPERMAKING PROCESS**
[54] **UTILISATION DE CELLULOSE NANOCRYSTALLINE ET DE CELLULOSE NANOCRYSTALLINE A POLYMERES GREFFES POUR AUGMENTER LA RETENTION DANS LE PROCESSUS DE FABRICATION DU PAPIER**
[72] CASTRO, DAVID J., US
[72] KARNATI, RANGARANI, US
[72] WILSON, SHAWNEE M., US
[72] CHENG, WEIGUO, US
[72] LIU, MEI, US
[72] ZHANG, ZHIYI, US
[71] ECOLAB USA INC., US
[85] 2015-11-19
[86] 2014-08-04 (PCT/US2014/049614)
[87] (WO2015/020962)
[30] US (13/962,556) 2013-08-08

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[21] **2,913,121**
[13] A1

[51] **Int.Cl. C01G 23/04 (2006.01) B01J 6/00 (2006.01) C01D 15/02 (2006.01)**

[25] EN

[54] **MANUFACTURING METHOD OF LITHIUM-TITANIUM COMPOSITE DOPED WITH DIFFERENT METAL, AND LITHIUM-TITANIUM COMPOSITE DOPED WITH DIFFERENT METAL MADE BY SAME**

[54] **PROCEDE DE FABRICATION DE COMPOSITE DE LITHIUM-TITANE DOPE DE METAL DIFFERENT ET COMPOSITE DE LITHIUM-TITANE DOPE DE METAL DIFFERENT AINSI FABRIQUE**

[72] CHOI, SU BONG, KR
[72] CHOI, JUN HWA, KR
[72] KO, HYOUNG SHIN, KR
[72] LEE, JAE AN, KR
[71] POSCO, KR
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR
[71] POSCO ES MATERIALS CO., LTD., KR

[85] 2015-11-20
[86] 2014-04-09 (PCT/KR2014/003060)
[87] (WO2014/189209)
[30] KR (10-2013-0058563) 2013-05-23

[21] **2,913,122**
[13] A1

[51] **Int.Cl. B65H 18/22 (2006.01)**

[25] EN

[54] **REAR DISCHARGE MAT ROLLING MACHINE WITH WRAPPER**

[54] **ENROULEUSE DE TAPIS A DECHARGE PAR L'ARRIERE AVEC ENVELOPPEUSE**

[72] AKPAN, KUFRE, US
[71] UMANA FAMILY CORPORATION, US

[85] 2015-11-20
[86] 2013-09-19 (PCT/US2013/060698)
[87] (WO2014/047336)
[30] US (61/703,047) 2012-09-19

[21] **2,913,123**
[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01)**

[25] EN

[54] **SYSTEM AND FISH CAGE FOR FISH FARMING**

[54] **SYSTEME ET CAGE POUR POISSONS DESTINES A LA PISCICULTURE**

[72] FURBERG, GEIR, NO
[71] AQUALINE AS, NO

[85] 2015-11-20
[86] 2014-05-19 (PCT/NO2014/050079)
[87] (WO2014/189383)
[30] NO (20130703) 2013-05-21

[21] **2,913,124**
[13] A1

[51] **Int.Cl. G01N 21/15 (2006.01) G01N 21/27 (2006.01) G01N 21/31 (2006.01) G01N 21/33 (2006.01) G01N 21/85 (2006.01) G01N 33/18 (2006.01)**

[25] EN

[54] **FLUID DIAGNOSTIC DEVICES AND METHODS OF USING THE SAME**

[54] **DISPOSITIFS DE DIAGNOSTIC DE FLUIDE ET PROCEDES UTILISANT CEUX-CI**

[72] LAWAL, OLIVER, US
[72] ROPIC, PAUL, US
[71] SENSOREX CORPORATION, US

[85] 2015-11-20
[86] 2013-11-13 (PCT/US2013/069807)
[87] (WO2014/189541)
[30] US (61/825,589) 2013-05-21

[21] **2,913,125**
[13] A1

[51] **Int.Cl. B02C 18/06 (2006.01) B01F 7/00 (2006.01) B01F 7/04 (2006.01) B01J 8/10 (2006.01) B02C 18/30 (2006.01) F26B 1/00 (2006.01) F26B 3/08 (2006.01) F26B 3/092 (2006.01) F26B 21/04 (2006.01) F26B 21/08 (2006.01) F26B 25/00 (2006.01)**

[25] EN

[54] **A METHOD, A SYSTEM AND DEVICES FOR PROCESSING AT LEAST ONE SUBSTANCE INTO A DRIED, FRAGMENTED, FLUIDIZED END PRODUCT**

[54] **PROCEDE, SYSTEME ET DISPOSITIFS PERMETTANT DE TRAITER AU MOINS UNE SUBSTANCE DANS UN PRODUIT FINAL SECHE, FRAGMENTE ET FLUIDISE**

[72] NORDAHL, GEIR, NO
[71] MULTIVECTOR AS, NO

[85] 2015-11-20
[86] 2014-05-20 (PCT/NO2014/050080)
[87] (WO2014/189384)
[30] NO (20130718) 2013-05-22
[30] NO (20130717) 2013-05-22
[30] NO (20130716) 2013-05-22
[30] NO (20130713) 2013-05-22

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[21] **2,913,126**
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **ANTI-VEGF ANTIBODY AND PHARMACEUTICAL COMPOSITION FOR PREVENTION, DIAGNOSIS OR TREATMENT OF CANCER OF ANGIOGENESIS-RELATED DISEASE CONTAINING THE SAME**

[54] **ANTICORPS ANTI-VEGF ET COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION, LE DIAGNOSTIC OU LE TRAITEMENT D'UN CANCER OU DE MALADIES ASSOCIEES A L'ANGIOGENESE, LE CONTENANT**

[72] DOH, HYOUNMIE, KR
[72] KIM, BYONG MOON, KR
[72] KIM, CHAE YOUNG, KR
[72] LEE, SUNG-HEE, KR
[72] KIM, DONG-HYEON, KR
[72] KIM, YOO-JIN, KR
[72] LEE, DONGSOP, KR
[72] HAN, KYUNG MI, KR
[72] SONG, DONGSUP, KR
[72] JUNG, EUN-EE, KR
[72] LEE, JINSEOK, KR
[72] SEUNG, WOO JIN, KR
[72] HWANG, KYUSANG, KR
[71] DONG-A ST CO., LTD., KR
[71] DONG-A SOCIO HOLDINGS CO., LTD., KR

[85] 2015-11-19
[86] 2014-05-30 (PCT/KR2014/004858)
[87] (WO2014/193191)
[30] KR (10-2013-0062413) 2013-05-31

[21] **2,913,127**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**

[25] EN

[54] **METHODS FOR SCREENING PROCEDES DE CRIBLAGE**

[72] OLSON, JAMES, US
[72] MEHLIN, CHRISTOPHER, US
[72] STROUD, MARK, US
[72] SIMON, JULIAN, US
[72] CORRENTI, COLIN, US
[72] PADDISON, PATRICK, US
[72] STRONG, ROLAND, US
[72] MAY, DAMON, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US

[85] 2015-11-20
[86] 2013-12-10 (PCT/US2013/074218)
[87] (WO2014/093406)
[30] US (61/735,516) 2012-12-10
[30] US (61/794,685) 2013-03-15

[21] **2,913,128**
[13] A1

[51] **Int.Cl. D21H 21/20 (2006.01) D21H 21/10 (2006.01)**

[25] EN

[54] **USE OF NANOCRYSTALLINE CELLULOSE AND POLYMER GRAFTED NANOCRYSTALLINE CELLULOSE FOR INCREASING RETENTION IN PAPERMAKING PROCESS**

[54] **UTILISATION DE CELLULOSE NANOCRISTALLINE ET DE CELLULOSE NANOCRISTALLINE A POLYMERES GREFFES POUR AUGMENTER LA RETENTION DANS LE PROCESSUS DE FABRICATION DU PAPIER**

[72] CASTRO, DAVID J., US
[72] KARNATI, RANGARANI, US
[72] WILSON, SHAWNEE M., US
[72] CHENG, WEIGUO, US
[72] LIU, MEL, US
[72] ZHANG, ZHIYI, US
[71] ECOLAB USA INC., US

[85] 2015-11-19
[86] 2014-08-04 (PCT/US2014/049619)
[87] (WO2015/020965)
[30] US (13/962,569) 2013-08-08

[21] **2,913,129**
[13] A1

[51] **Int.Cl. H04B 1/38 (2015.01) H04W 84/08 (2009.01) H04B 1/40 (2015.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR OPERATING A PORTABLE RADIO COMMUNICATION DEVICE IN A DUAL-WATCH MODE**

[54] **PROCEDE ET APPAREIL DE MISE EN ŒUVRE D'UN DISPOSITIF DE RADIOCOMMUNICATION PORTATIF EN MODE DOUBLE VEILLE**

[72] CORRETTIER, JESUS F., US
[72] ABDUL AZIZ, MOHD SYAZANI B., US
[72] CARTER, CHARLES H., US
[71] MOTOROLA SOLUTIONS, INC., US

[85] 2015-11-20
[86] 2014-04-24 (PCT/US2014/035230)
[87] (WO2014/189643)
[30] US (13/898,944) 2013-05-21

[21] **2,913,130**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**

[25] EN

[54] **FISHBONE SAGD**

[54] **SAGD EN ARETES DE POISSON**

[72] STALDER, JOHN L., US
[72] PHAM, SON V., US
[71] TOTAL E&P CANADA LTD., CA
[71] CONOCOPHILLIPS CANADA RESOURCES CORP., CA
[71] CONOCOPHILLIPS SURMONT PARTNERSHIP, CA

[85] 2015-11-20
[86] 2014-02-05 (PCT/US2014/014774)
[87] (WO2014/189555)
[30] US (61/826,329) 2013-05-22

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[21] **2,913,131**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **FIXED-PRICING FOR GUARANTEED DELIVERY OF ONLINE ADVERTISEMENTS**
[54] **TARIFICATION FIXE POUR LA REMISE GARANTIE D'ANNONCES PUBLICITAIRES EN LIGNE**
[72] SIMO, FIDJI NAHEMA, US
[72] CHATTERJI, SOURAV, US
[71] FACEBOOK, INC., US
[85] 2015-11-20
[86] 2014-05-21 (PCT/US2014/038980)
[87] (WO2015/002698)
[30] US (13/933,595) 2013-07-02

[21] **2,913,132**
[13] A1

[51] **Int.Cl. F21V 21/00 (2006.01) F21V 21/03 (2006.01)**
[25] EN
[54] **RETROFIT LED FIXTURES FOR REPLACING FLUORESCENT TROLLERS**
[54] **APPAREILS D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE (LED) AMELIORES ET NOUVEAUX POUR LE REMPLACEMENT D'APPAREILS D'ECLAIRAGE FLUORESCENTS**
[72] BROWN, GREGORY A. M., US
[71] INTELLILUM, LLC, US
[85] 2015-11-20
[86] 2014-05-12 (PCT/US2014/037651)
[87] (WO2014/189700)
[30] US (61/855,839) 2013-05-23
[30] US (61/860,494) 2013-07-31
[30] US (61/947,233) 2014-03-03

[21] **2,913,133**
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) A47K 10/16 (2006.01) D21H 27/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ABSORBENT PAPER PRODUCT HAVING VISUAL ELEMENTS**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE PAPIER ABSORBANT COMPORTANT DES ELEMENTS VISUELS**
[72] SARTINI, EMMA LYNN, US
[72] KIEN, KATHRYN CHRISTIAN, US
[72] SMITH, MARIAN FRANCES, US
[72] LUIPOLD, LEE ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039048)
[87] (WO2014/190104)
[30] US (13/899,897) 2013-05-22

[21] **2,913,134**
[13] A1

[51] **Int.Cl. H01R 13/622 (2006.01) H01R 24/40 (2011.01) H01R 9/05 (2006.01)**
[25] EN
[54] **COAXIAL CABLE CONNECTOR WITH INTEGRAL RFI PROTECTION**
[54] **CONNECTEUR POUR CABLE COAXIAL A PROTECTION RFI INTEGREE**
[72] BURRIS, DONALD ANDREW, US
[72] MILLER, THOMAS DEWEY, US
[71] CORNING OPTICAL COMMUNICATIONS RF LLC, US
[85] 2015-11-20
[86] 2014-05-13 (PCT/US2014/037841)
[87] (WO2014/189718)
[30] US (61/825,133) 2013-05-20

[21] **2,913,135**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL CABLE SPLICE CASSETTES WITH HINGEDLY ATTACHED DEVICE HOLDER**
[54] **CASSETTES D'EPISSURE DE CABLES OPTIQUES A SUPPORT DE DISPOSITIF FIXE DE MANIERE ARTICULEE**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] RODRIGUEZ, DIANA, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2015-11-20
[86] 2014-05-13 (PCT/US2014/037842)
[87] (WO2014/189719)
[30] US (61/825,758) 2013-05-21

[21] **2,913,136**
[13] A1

[51] **Int.Cl. C09K 8/594 (2006.01)**
[25] EN
[54] **A LOW TEMPERATURE STABILIZED FOAM-FORMING COMPOSITION FOR ENHANCED OIL RECOVERY**
[54] **COMPOSITION EMULSIVE STABILISEE A BASSE TEMPERATURE AMELIORANT LA RECUPERATION DU PETROLE**
[72] FRATTARELLI, DAVID L., US
[72] ABBAS, SAYEED, US
[72] KNIGHT, TROY E., US
[72] SANDERS, AARON W., US
[72] TUCKER, CHRISTOPHER J., US
[72] WOELFLE-GUPTA, CAROLINE, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039145)
[87] (WO2014/193731)
[30] US (61/829,512) 2013-05-31

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[21] **2,913,137**
[13] A1

[51] **Int.Cl. A01N 59/08 (2006.01)**
[25] EN
[54] **STABILIZED HYPOCHLOROUS ACID SOLUTION AND USE THEREOF**
[54] **SOLUTION D'ACIDE HYPOCHLOREUX STABILISEE ET SON UTILISATION**
[72] NORTHEY, ROBERT, US
[71] OCULUS INNOVATIVE SCIENCES, INC., US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039202)
[87] (WO2014/190184)
[30] US (61/826,382) 2013-05-22

[21] **2,913,138**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **GANG FIBER ADAPTOR AND ASSEMBLIES THEREOF**
[54] **MULTI-ADAPTATEUR POUR FIBRES ET ENSEMBLES ASSOCIES**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] SLAN, KIMBERLY DAWN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2015-11-20
[86] 2014-05-13 (PCT/US2014/037846)
[87] (WO2014/189720)
[30] US (61/825,779) 2013-05-21

[21] **2,913,139**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01)**
[25] EN
[54] **PNEUMATICALLY COUPLED DIRECT DRIVE FLUID CONTROL SYSTEM AND PROCESS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE FLUIDE A ENTRAINEMENT DIRECT A COUPLAGE PNEUMATIQUE**
[72] CARLISE, JEFFREY A., US
[72] KUBA, LAWRENCE M., US
[71] TURNPOINT MEDICAL DEVICES, INC., US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039207)
[87] (WO2014/190188)
[30] US (61/826,863) 2013-05-23

[21] **2,913,140**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **RADIAL FISHBONE SAGD DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR (DGMV) EN ARETE DE POISSON RADIALE**
[72] STALDER, JOHN L., US
[72] WILFING, KEVIN A., CA
[71] TOTAL E&P CANADA LTD., CA
[71] CONOCOPHILLIPS CANADA RESOURCES CORP., CA
[71] CONOCOPHILLIPS SURMONT PARTNERSHIP, CA
[85] 2015-11-20
[86] 2014-03-27 (PCT/US2014/032044)
[87] (WO2014/189614)
[30] US (61/825,945) 2013-05-21

[21] **2,913,141**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **TILTABLE GANG FIBER ADAPTOR ASSEMBLY**
[54] **ENSEMBLE ADAPTATEUR DE FIBRES MULTIPLES INCLINABLE**
[72] COTE, MONIQUE LISE, US
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] RODRIGUEZ, DIANA, US
[72] SIMONSON, KENNETH CHARLES, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2015-11-20
[86] 2014-05-13 (PCT/US2014/037849)
[87] (WO2014/189721)
[30] US (61/825,772) 2013-05-21

[21] **2,913,142**
[13] A1

[51] **Int.Cl. H03M 7/30 (2006.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **EFFICIENT DATA COMPRESSION AND ANALYSIS AS A SERVICE**
[54] **COMPRESSION ET ANALYSE EFFICACES DE DONNEES A LA DEMANDE**
[72] GUPTA, ANURAG WINDLASS, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039209)
[87] (WO2014/190190)
[30] US (13/900,350) 2013-05-22

[21] **2,913,143**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL CABLE SPLICE CASSETTES WITH SLACK COVERS**
[54] **CASSETTES D'EPISSURE POUR CABLES OPTIQUES AVEC COUVERCLES DE MOU**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] RODRIGUEZ, DIANA, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2015-11-20
[86] 2014-05-14 (PCT/US2014/037959)
[87] (WO2014/189731)
[30] US (61/825,764) 2013-05-21

[21] **2,913,144**
[13] A1

[51] **Int.Cl. E02F 9/14 (2006.01)**
[25] EN
[54] **PIPE FIXING DEVICE FOR CONSTRUCTION MACHINE**
[54] **DISPOSITIF DE FIXATION DE TUYAU POUR ENGIN DE CHANTIER**
[72] YUN, SEONG-GEUN, KR
[72] SON, YOUNG-JIN, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-11-20
[86] 2013-05-30 (PCT/KR2013/004752)
[87] (WO2014/193002)

[21] **2,913,145**
[13] A1

[51] **Int.Cl. B05B 12/00 (2006.01)**
[25] EN
[54] **SPRAY TOOL LOCKING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE D'OUTIL DE PULVERISATION**
[72] REETZ, ERIC F., US
[72] REETZ, JOEL ALAN, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2015-11-20
[86] 2014-04-30 (PCT/US2014/036264)
[87] (WO2014/189655)
[30] US (61/826,936) 2013-05-23
[30] US (14/265,137) 2014-04-29

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[21] **2,913,146**
[13] A1

[51] **Int.Cl. A61L 2/07 (2006.01) A61L 2/18 (2006.01) A61L 2/20 (2006.01) B65B 55/02 (2006.01)**

[25] EN

[54] **AUTOMATED STERILIZATION PROCESS INTEGRATED WITH A BLOW FILL SEAL MACHINE**

[54] **PROCEDE DE STERILISATION AUTOMATIQUE INTEGRE A UNE MACHINE DE FORMAGE-REPLISSAGE-SCELLAGE**

[72] FOREMAN, JAMES MICHAEL, US

[72] BARAN, ARTHUR, US

[72] AMIR, MUHAMMAD, US

[71] R.P. SCHERER TECHNOLOGIES, LLC, US

[85] 2015-11-20

[86] 2014-05-15 (PCT/US2014/038183)

[87] (WO2014/189761)

[30] US (13/902,385) 2013-05-24

[21] **2,913,147**
[13] A1

[51] **Int.Cl. E04B 2/44 (2006.01)**

[25] EN

[54] **CLADDING ATTACHMENT SYSTEM TO ENABLE AN EXTERIOR CONTINUOUS INSULATION BARRIER**

[54] **SYSTEME DE FIXATION DE PAREMENT POUR PERMETTRE UNE BARRIERE D'ISOLATION CONTINUE EXTERIEURE**

[72] HUNTER, KENNETH, US

[72] HAUSSLER, WOLFGANG, DE

[71] HUNTER, KENNETH, US

[71] HAUSSLER, WOLFGANG, DE

[85] 2015-11-20

[86] 2014-05-08 (PCT/US2014/037384)

[87] (WO2014/204590)

[30] US (61/836,629) 2013-06-18

[30] US (14/092,840) 2013-11-27

[21] **2,913,148**
[13] A1

[51] **Int.Cl. A61B 17/50 (2006.01) A61M 1/14 (2006.01) B01D 61/32 (2006.01)**

[25] EN

[54] **PNEUMATICALLY COUPLED FLUID CONTROL SYSTEM AND PROCESS WITH AIR DETECTION AND ELIMINATION**

[54] **SYSTEME ET PROCEDE DE COMMANDE DE FLUIDE A COUPLAGE PNEUMATIQUE, AYANT UNE DETECTION ET UNE ELIMINATION DE L'AIR**

[72] CARLISLE, JEFFREY A., US

[72] KUBA, LAWRENCE M., US

[71] TURNPOINT MEDICAL DEVICES, INC., US

[85] 2015-11-20

[86] 2014-05-22 (PCT/US2014/039211)

[87] (WO2014/190191)

[30] US (61/826,863) 2013-05-23

[21] **2,913,149**
[13] A1

[51] **Int.Cl. A61K 31/56 (2006.01) A61K 31/59 (2006.01) A61P 5/34 (2006.01)**

[25] EN

[54] **THERAPEUTIC AND METHOD OF USE**

[54] **THERAPEUTIQUE ET PROCEDE D'UTILISATION**

[72] ROBINSON, BRADLEY, US

[71] PREDICTIVE THERAPEUTICS, LLC, US

[85] 2015-11-20

[86] 2014-05-19 (PCT/US2014/038601)

[87] (WO2014/189836)

[30] US (61/825,587) 2013-05-21

[21] **2,913,150**
[13] A1

[51] **Int.Cl. A01D 78/08 (2006.01)**

[25] EN

[54] **DRIVE ROLLER FOR BALER OR OTHER EQUIPMENT**

[54] **ROULEAU D'ENTRAINEMENT POUR PRESSE A BALLES OU AUTRE EQUIPEMENT**

[72] MOON, SCOTT W., US

[72] JOHNSON, KEITH A., US

[71] KONDEX CORPORATION, US

[85] 2015-11-20

[86] 2014-05-20 (PCT/US2014/038794)

[87] (WO2014/189935)

[30] US (13/901,278) 2013-05-23

[21] **2,913,151**
[13] A1

[51] **Int.Cl. H01L 21/673 (2006.01) H01L 21/00 (2006.01)**

[25] EN

[54] **CONTROLLED TRANSFORMATION OF NON-TRANSIENT ELECTRONICS**

[54] **TRANSFORMATION COMMANDEE D'ELECTRONIQUE NON TRANSITOIRE**

[72] POIRIER, CHRISTOPHER, US

[72] CAMPBELL, ANTHONY STEWART, US

[72] ROBERTS, CARMICHAEL S., US

[72] ROGERS, JOHN A., US

[72] HENDERSON, WINSTON E., US

[71] TRANSIENT ELECTRONICS, INC., US

[85] 2015-11-20

[86] 2014-05-21 (PCT/US2014/038900)

[87] (WO2014/190005)

[30] US (61/826,371) 2013-05-22

[21] **2,913,152**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/00 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MANAGING VETERINARY DATA**

[54] **SYSTEME ET PROCEDE POUR GERER DES DONNEES VETERINAIRES**

[72] SHACKELFORD, PHILLIP G., US

[71] GREENLINE, LLC, US

[85] 2015-11-20

[86] 2014-05-22 (PCT/US2014/039248)

[87] (WO2014/190213)

[30] US (61/826,304) 2013-05-22

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[21] **2,913,154**
[13] A1

[51] **Int.Cl. C07C 311/16 (2006.01) A61K 31/18 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **CRYOPYRIN INHIBITORS FOR PREVENTING AND TREATING INFLAMMATION**

[54] **INHIBITEURS DE CRYOPYRINES POUR PREVENIR ET TRAITER L'INFLAMMATION**

[72] ABBATE, ANTONIO, US
[72] ZHANG, SHIJUN, US
[72] VAN TASSELL, BENJAMIN, US
[71] VIRGINIA COMMONWEALTH UNIVERSITY, US

[85] 2015-11-20
[86] 2014-05-21 (PCT/US2014/038913)
[87] (WO2014/190015)
[30] US (61/825,623) 2013-05-21
[30] US (61/901,187) 2013-11-07

[21] **2,913,155**
[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01) A61K 35/14 (2015.01) A61K 47/48 (2006.01) A61P 7/00 (2006.01) A61P 31/04 (2006.01) C07K 14/805 (2006.01)**

[25] EN

[54] **ENGINEERED HEME-BINDING COMPOSITIONS AND USES THEREOF**

[54] **COMPOSITIONS SE LIANT A L'HEME MANIPULEES ET LEURS UTILISATIONS**

[72] SUPER, MICHAEL, US
[72] WATTERS, ALEXANDER L., US
[72] SNELL, PHILIP T., US
[72] INGBER, DONALD E., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2015-11-20
[86] 2014-05-21 (PCT/US2014/038945)
[87] (WO2014/190040)
[30] US (61/825,707) 2013-05-21

[21] **2,913,157**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B07B 7/086 (2006.01) C10B 49/16 (2006.01) C10G 1/02 (2006.01) C10J 3/46 (2006.01)**

[25] EN

[54] **FALLING BED REACTOR**

[54] **REACTEUR A LIT TOMBANT**

[72] ABDULLAH, ZIA, US
[72] O'BRIAN, MICHAEL A., US
[72] WINECKI, SLAWOMIR, US
[72] YUGULIS, KEVIN, US
[71] BATTELLE MEMORIAL INSTITUTE, US

[85] 2015-11-20
[86] 2014-05-23 (PCT/US2014/039443)
[87] (WO2014/190321)
[30] US (61/826,989) 2013-05-23

[21] **2,913,158**
[13] A1

[51] **Int.Cl. B01D 63/00 (2006.01)**

[25] EN

[54] **SYSTEM AND APPARATUS FOR DETERMINING AND CONTROLLING WATER CLARITY**

[54] **SYSTEME ET APPAREIL POUR DETERMINER ET REGULER LA LIMPIDITE DE L'EAU**

[72] KASTEN, STEPHEN P., US
[71] KASTEN, STEPHEN P., US

[85] 2015-11-20
[86] 2014-05-21 (PCT/US2014/039032)
[87] (WO2014/190089)
[30] US (61/825,965) 2013-05-21
[30] US (61/885,353) 2013-10-01
[30] US (61/920,421) 2013-12-23
[30] US (14/283,868) 2014-05-21

[21] **2,913,159**
[13] A1

[51] **Int.Cl. C05F 11/08 (2006.01) A01C 21/00 (2006.01) C05C 11/00 (2006.01) C05G 3/04 (2006.01) C05G 3/08 (2006.01)**

[25] EN

[54] **PRODUCING FUELS AND BIOFERTILIZERS FROM BIOMASS**

[54] **PROCEDES DE PRODUCTION DE CARBURANTS ET DE BIOFERTILISANTS**

[72] FIATO, ROCCO A., US
[72] SUN, YUHAN, CN
[72] ALLEN, MARK, US
[72] ZHAO, QUANYU, CN
[71] ACCELERGY CORPORATION, US
[71] SHANGHAI ADVANCED RESEARCH INSTITUTE OF THE CHINESE ACADEMY OF SCIENCE, CN

[85] 2015-11-20
[86] 2014-05-23 (PCT/US2014/039458)
[87] (WO2014/190332)
[30] US (61/855,789) 2013-05-23
[30] US (14/286,800) 2014-05-23

[21] **2,913,160**
[13] A1

[51] **Int.Cl. H04N 21/238 (2011.01) H04H 20/28 (2009.01) H04H 20/93 (2009.01) H04H 20/95 (2009.01) H04N 21/435 (2011.01)**

[25] EN

[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**

[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**

[72] DEWA, YOSHIHARU, JP
[71] SONY CORPORATION, JP

[85] 2015-11-19
[86] 2014-05-15 (PCT/JP2014/062995)
[87] (WO2014/196335)
[30] JP (2013-120319) 2013-06-07

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[21] **2,913,163**
[13] A1

[51] **Int.Cl. E21B 25/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **ESTIMATION OF OPTIMUM TRIPPING SCHEDULES**
[54] **ESTIMATION DE CALENDRIERS DE FORAGE OPTIMAUX**
[72] HOEINK, TOBIAS, US
[72] VAN DER ZEE, WOUTER, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039069)
[87] (WO2014/190116)
[30] US (13/901,277) 2013-05-23

[21] **2,913,164**
[13] A1

[51] **Int.Cl. A01N 43/04 (2006.01)**
[25] EN
[54] **INDICATION AND TECHNIQUE FOR THE USE OF CROSS-LINKED HYALURONIC ACID IN THE MANAGEMENT OF PAIN**
[54] **INDICATION ET TECHNIQUE D'UTILISATION DE L'ACIDE HYALURONIQUE RETICULE DANS LA GESTION DE LA DOULEUR**
[72] CAMPA, JOHN, US
[71] CAMPA, JOHN, US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039151)
[87] (WO2014/190158)
[30] US (61/826,199) 2013-05-22
[30] US (14/166,209) 2014-01-28

[21] **2,913,171**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **SENSOR APPARATUS AND ASSOCIATED SYSTEMS AND METHODS**
[54] **APPAREIL CAPTEUR, SYSTEMES ET PROCEDES ASSOCIES**
[72] SHARPE, JOHNATHAN CHARLES, NZ
[72] MARTINSEN, PAUL JULIAN, NZ
[72] ROWE, PHILIP, NZ
[72] VISHWANATH, RAMAKRISHNAN, NZ
[71] ACCELERENZ LIMITED, NZ
[85] 2015-11-20
[86] 2014-05-20 (PCT/IB2014/001607)
[87] (WO2014/188273)
[30] NZ (610787) 2013-05-20
[30] NZ (611703) 2013-06-07

[21] **2,913,172**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ONE-WAY VALVE FOR CARTOMIZER SECTION OF ELECTRONIC CIGARETTES**
[54] **SOUPAPE ANTIRETOUR DESTINEE A LA PARTIE CARTOMISEUR DE CIGARETTES ELECTRONIQUES**
[72] STERN, JOEL, IL
[71] SIS RESOURCES, LTD., IL
[85] 2015-11-20
[86] 2014-05-28 (PCT/IB2014/001924)
[87] (WO2014/199232)
[30] US (61/827,998) 2013-05-28

[21] **2,913,173**
[13] A1

[51] **Int.Cl. C10M 141/10 (2006.01)**
[25] EN
[54] **VIBRATION RESISTANT INDUSTRIAL GEAR OILS**
[54] **HUILES POUR ENGRENAGES INDUSTRIELS RESISTANTES AUX VIBRATIONS**
[72] AKUCEWICH, EDWARD S., US
[72] VINCI, JAMES N., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2015-11-20
[86] 2014-05-27 (PCT/US2014/039496)
[87] (WO2014/193782)
[30] US (61/828,717) 2013-05-30

[21] **2,913,174**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 9/19 (2006.01) A61K 31/40 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2006.01) A61K 47/26 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **STABLE INTRAVENOUS FORMULATION**
[54] **PREPARATION INTRAVEINEUSE STABLE**
[72] GALASSO, ANTHONY N., US
[72] INBAR, PETRA, US
[72] QURESHI, FAROOQ, US
[72] SAMPAT, HARENDRA R., US
[72] ZHAN, SHANGDONG, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-11-20
[86] 2014-06-20 (PCT/EP2014/062982)
[87] (WO2014/206866)
[30] US (61/838,642) 2013-06-24
[30] US (61/840,930) 2013-06-28

[21] **2,913,175**
[13] A1

[51] **Int.Cl. A61K 31/352 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **A METHOD OF MANAGING HEPATIC FIBROSIS, HEPATITIS C VIRUS AND ASSOCIATED CONDITION**
[54] **PROCEDE POUR GERER UNE FIBROSE HEPATIQUE, LE VIRUS DE L'HEPATITE C ET UN ETAT ASSOCIE**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[71] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2015-11-20
[86] 2014-05-19 (PCT/IB2014/061536)
[87] (WO2014/188325)
[30] IN (1788/MUM/2013) 2013-05-20

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[13] A1

[51] **Int.Cl. C10M 141/10 (2006.01)**
[25] EN
[54] **SYNERGISTIC ADDITIVE COMBINATION FOR INDUSTRIAL GEAR OILS**
[54] **COMPOSITIONS SYNERGIQUES D'ADDITIFS POUR DES HUILES D'ENGRENAGES INDUSTRIELLES**
[72] BASU, SHUBHAMITA, US
[72] VINCI, JAMES N., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2015-11-20
[86] 2014-05-27 (PCT/US2014/039499)
[87] (WO2014/193784)
[30] US (61/828,718) 2013-05-30

[21] **2,913,177**
[13] A1

[51] **Int.Cl. C08B 11/12 (2006.01) C08B 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE**
[54] **PROCEDE POUR LA FABRICATION DE CARBOXYMETHYLCELLULOSE DE LITHIUM**
[72] HILD, ALEXANDRA, DE
[72] JUHL, HANS-JUERGEN, DE
[72] ADDEN, ROLAND, DE
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-11-20
[86] 2014-05-28 (PCT/US2014/039640)
[87] (WO2014/197242)
[30] US (61/830,659) 2013-06-04

[21] **2,913,178**
[13] A1

[51] **Int.Cl. H04W 28/16 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DYNAMIC SPECTRUM ARBITRAGE USER PROFILE MANAGEMENT**
[54] **PROCEDES ET SYSTEMES DE GESTION DE PROFIL D'UTILISATEUR PAR ARBITRAGE DE SPECTRE DYNAMIQUE**
[72] SMITH, CLINT, US
[72] DEVISETTI, NAGESWARA RAO DEEKSHITHA, IN
[72] SMITH, SAMUEL, US
[71] RIVADA NETWORKS LLC, US
[85] 2015-11-20
[86] 2014-05-28 (PCT/US2014/039770)
[87] (WO2014/193942)
[30] US (61/828,335) 2013-05-29

[21] **2,913,179**
[13] A1

[51] **Int.Cl. H04W 28/16 (2009.01) H04W 36/14 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR DYNAMIC SPECTRUM ARBITRAGE WITH MOBILITY MANAGEMENT**
[54] **PROCEDES ET SYSTEME POUR ARBITRAGE DYNAMIQUE DE SPECTRE AVEC GESTION DE MOBILITE**
[72] SMITH, CLINT, US
[72] DEVISETTI, NAGESWARA RAO DEEKSHITHA, IN
[72] SMITH, SAMUEL, US
[71] RIVADA NETWORKS LLC, US
[85] 2015-11-20
[86] 2014-05-28 (PCT/US2014/039785)
[87] (WO2014/193947)
[30] US (61/828,360) 2013-05-29
[30] US (61/920,368) 2013-12-23

[21] **2,913,180**
[13] A1

[51] **Int.Cl. C09F 1/00 (2006.01)**
[25] EN
[54] **PYROLYSIS SYSTEM AND METHOD FOR BIO-OIL COMPONENT EXTRACTION**
[54] **SYSTEME DE PYROLYSE ET PROCEDE D'EXTRACTION D'UN COMPOSANT BIO-HUILE**
[72] BELANGER, RAYMOND, CA
[72] CHURCHILL, CHRISTOPHER, US
[71] TOLERO ENERGY, LLC, US
[85] 2015-11-20
[86] 2014-05-28 (PCT/US2014/039853)
[87] (WO2014/193997)
[30] US (13/907,494) 2013-05-31
[30] US (14/046,883) 2013-10-04

[21] **2,913,181**
[13] A1

[51] **Int.Cl. H04M 3/56 (2006.01) H04M 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFERRING ACTIVE COMMUNICATION SESSION STREAMS BETWEEN DEVICES**
[54] **PROCEDE ET APPAREIL DE TRANSFERT DE FLUX DE SESSION DE COMMUNICATION ACTIFS ENTRE DES DISPOSITIFS**
[72] EFRATI, TZAHI, US
[72] WILTON, ARTHUR, US
[71] VONAGE NETWORK LLC, US
[85] 2015-11-20
[86] 2014-05-30 (PCT/US2014/040127)
[87] (WO2014/194156)
[30] US (13/906,984) 2013-05-31

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[13] A1

[51] **Int.Cl. A61K 31/575 (2006.01) A61K 31/15 (2006.01) A61P 9/10 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 39/06 (2006.01) C07C 29/04 (2006.01)**

[25] EN

[54] **STEROIDAL NITRONES FOR THE TREATMENT AND PREVENTION OF A CEREBRAL STROKE OR ISCHAEMIA, ALZHEIMER AND PARKINSON DISEASE AND AMYOTROPHIC LATERAL SCLEROSIS**

[54] **STERONITRONES POUR LE TRAITEMENT ET LA PREVENTION DE L'ICTUS OU ISCHEMIE CEREBRALE, DES MALADIES D'ALZHEIMER, DE PARKINSON ET LA SCLEROSE LATERALE AMYOTROPHIQUE**

[72] MARCO CONTELLES, JOSE LUIS, ES

[72] ALCAZAR GONZALEZ, ALBERTO, ES

[71] FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO RAMON Y CAJAL, ES

[85] 2015-11-20

[86] 2014-05-22 (PCT/ES2014/070421)

[87] (WO2014/188046)

[30] ES (P201330738) 2013-05-22

[21] **2,913,183**
[13] A1

[51] **Int.Cl. B65G 17/12 (2006.01) A21B 1/42 (2006.01) B65G 47/57 (2006.01)**

[25] FR

[54] **TRANSPORT DEVICE OF THE NORIA TYPE**

[54] **DISPOSITIF DE TRANSPORT DE TYPE NORIA**

[72] ZORN, BERNARD, FR

[71] MECATHERM, FR

[85] 2015-11-20

[86] 2014-07-01 (PCT/FR2014/051693)

[87] (WO2015/001254)

[30] FR (1356601) 2013-07-05

[21] **2,913,184**
[13] A1

[51] **Int.Cl. F23R 3/42 (2006.01) F23L 7/00 (2006.01)**

[25] EN

[54] **RECOVERY FROM ROCK STRUCTURES AND CHEMICAL PRODUCTION USING HIGH ENTHALPY COLLIDING AND REVERBERATING SHOCK PRESSURE WAVES**

[54] **RECUPERATION A PARTIR DE STRUCTURES ROCHEUSES ET PRODUCTION CHIMIQUE A L'AIDE D'ONDES DE PRESSION DE CHOC A COLLISION ET REVERBERATION A ENTHALPIE ELEVEE**

[72] PETERS, BRUCE H., US

[71] ALTMERGE, LLC, US

[85] 2015-11-20

[86] 2014-06-03 (PCT/US2014/040627)

[87] (WO2014/197439)

[30] US (61/830,666) 2013-06-04

[30] US (61/847,830) 2013-07-18

[21] **2,913,185**
[13] A1

[51] **Int.Cl. G02B 6/12 (2006.01) H01L 31/0236 (2006.01)**

[25] EN

[54] **TAPERED OPTICAL WAVEGUIDE COUPLED TO PLASMONIC GRATING STRUCTURE**

[54] **GUIDE D'ONDES OPTIQUE A RACCORD PROGRESSIF COUPLE A UNE STRUCTURE DE RESEAU PLASMONIQUE**

[72] KALLOS, EFTHYMOS, GB

[72] PALIKARAS, GEORGE, GB

[72] ALU, ANDREA, US

[72] ARGYROPOULOS, CHRISTOS, US

[71] LAMDA GUARD TECHNOLOGIES LIMITED, GB

[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2015-11-20

[86] 2013-05-21 (PCT/GB2013/051333)

[87] (WO2014/188145)

[21] **2,913,186**
[13] A1

[51] **Int.Cl. H04W 28/02 (2009.01) H04W 16/14 (2009.01) H04W 84/04 (2009.01)**

[25] EN

[54] **SMALL CELL NETWORK ARCHITECTURE FOR SERVING MULTIPLE NETWORK OPERATORS**

[54] **ARCHITECTURE RESEAU A PETITES CELLULES PERMETTANT DE SERVIR PLUSIEURS OPERATEURS RESEAU**

[72] TARLAZZI, LUIGI, IT

[71] ANDREW WIRELESS SYSTEMS GMBH, DE

[85] 2015-11-20

[86] 2013-07-11 (PCT/IB2013/055715)

[87] (WO2015/004507)

[21] **2,913,187**
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/25 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL COMPOSITION INDICATIVE OF PROPER TOOTH CLEANING**

[54] **COMPOSITION BUCCO-DENTAIRE INDICATIVE D'UN NETTOYAGE APPROPRIE DES DENTS**

[72] STRAND, ROSS, CN

[72] LI, YUJUN, CN

[72] ZHANG, YIQUN, CN

[72] LI, XIAOXIAO, CN

[72] BAO, HANBO, CN

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-11-23

[86] 2013-06-24 (PCT/CN2013/077765)

[87] (WO2014/205623)

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[21] **2,913,188**
[13] A1

[51] **Int.Cl. B07B 7/01 (2006.01) B07B 11/00 (2006.01)**

[25] EN

[54] **AIR-PRESSURE-TYPE DUAL-BIN AIR-POWERED SEPARATOR**

[54] **SEPARATEUR PNEUMATIQUE DE TYPE A PRESSION D'AIR A DOUBLE BAC**

[72] MOU, DINGRONG, CN

[72] WANG, YI, CN

[72] ZOU, QUAN, CN

[72] ZHAO, YUNCHUAN, CN

[72] CHEN, RAN, CN

[72] YANG, GUANGTAO, CN

[72] GAO, XIAOHUA, CN

[72] CAI, YUAN, CN

[72] QI, WENHUI, CN

[72] QIAO, XIAOHUI, CN

[72] XIAO, WENPIN, CN

[72] DOU, YUANCHUN, CN

[72] FAN, HAO, CN

[72] QIAN, BINGHAI, CN

[71] HONGTA TOBACCO (GROUP) CO., LTD., CN

[71] YUXI JIXINGDEYI TRADE & INDUSTRY CO., LTD., CN

[85] 2015-11-23

[86] 2014-04-29 (PCT/CN2014/076529)

[87] (WO2014/135130)

[21] **2,913,189**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 33/00 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **METHOD OF TREATING INTRACELLULAR INFECTION**

[54] **METHODE DE TRAITEMENT D'UNE INFECTION INTRACELLULAIRE**

[72] PELLEGRINI, MARC, AU

[72] EBERT, GREGOR KLAUS-PETER, AU

[72] BEGLEY, COLIN GLENN, US

[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU

[71] TETRALOGIC PHARMACEUTICALS CORPORATION, US

[85] 2015-11-20

[86] 2014-06-25 (PCT/AU2014/050092)

[87] (WO2014/205516)

[30] AU (2013902327) 2013-06-25

[30] AU (2014901029) 2014-03-24

[30] AU (2014901977) 2014-05-26

[21] **2,913,190**
[13] A1

[51] **Int.Cl. B08B 17/02 (2006.01) B63B 59/04 (2006.01) G02B 6/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PREVENTING FOULING OF SURFACES**

[54] **PROCEDE ET SYSTEME DE PREVENTION D'ENCRASSEMENT DE SURFACES**

[72] SALTERS, BART ANDRE, NL

[72] HIETBRINK, ROELANT BOUDEWIJN, NL

[72] RUTTEN, IVO WILHELMUS JOHANNES MARIE, NL

[72] VAN HOUTEN, HENDRIK, NL

[71] KONINKLIJKE PHILIPS N.V., NL

[85] 2015-11-20

[86] 2014-05-21 (PCT/IB2014/061579)

[87] (WO2014/188347)

[30] US (61/826,148) 2013-05-22

[30] EP (13191713.0) 2013-11-06

[21] **2,913,191**
[13] A1

[51] **Int.Cl. A61B 17/132 (2006.01) A61B 17/135 (2006.01)**

[25] EN

[54] **PNEUMATIC TOURNIQUET**

[54] **GARROT PNEUMATIQUE**

[72] MENASHE, SHAKED, IL

[71] M.A.S. MED GLOBAL LTD, IL

[85] 2015-11-20

[86] 2014-05-23 (PCT/IL2014/050465)

[87] (WO2014/191987)

[30] US (61/827,601) 2013-05-26

[30] IL (231979) 2014-04-07

[21] **2,913,192**
[13] A1

[51] **Int.Cl. C07J 75/00 (2006.01) C07J 1/00 (2006.01) C12P 33/16 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF DEHYDROEPIANDROSTERONE AND ITS INTERMEDIATES**

[54] **PROCEDES DE PREPARATION DE DESHYDROEPIANDROSTERONE ET DE SES INTERMEDIAIRES**

[72] FRYSZKOWSKA, ANNA, GB

[72] QUIIRMBACH, MICHAEL SIEGFRIED, CH

[72] GORANTLA, SRIKANTH SARAT CHANDRA, IN

[72] ALIETI, SANJAY REDDY, IN

[72] POREDDY, SRINIVAS REDDY, IN

[72] DINNE, NARESH KUMAR REDDY, IN

[72] TIMMANNA, UPADHYA, IN

[72] DAHANUKAR, VILAS, IN

[71] DR. REDDY'S LABORATORIES LIMITED, IN

[85] 2015-11-20

[86] 2014-05-21 (PCT/IB2014/061590)

[87] (WO2014/188353)

[30] IN (2214/CHE/2013) 2013-05-21

[21] **2,913,193**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DISPLAYING WELLS AND THEIR RESPECTIVE STATUS ON AN ELECTRONIC MAP**

[54] **SYSTEMES ET PROCEDES DESTINES A AFFICHER DES Puits ET LEUR ETAT RESPECTIF SUR UNE CARTE ELECTRONIQUE**

[72] ANGHELESCU, FLORIN MUGUR, CA

[72] CRAWSHAY, DAVID, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-11-20

[86] 2013-06-21 (PCT/US2013/046958)

[87] (WO2014/204481)

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[21] **2,913,194**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **BISULFATE OF JANUS KINASE (JAK) INHIBITOR AND PREPARATION METHOD THEREFOR**

[54] **HYDROGENOSULFATE D'INHIBITEUR DE JANUS KINASE (JAK) ET SON PROCEDE DE PREPARATION**

[72] SUN, PIAOYANG, CN

[72] WU, GUAILI, CN

[72] GAO, XIAOHUI, CN

[72] SHEN, LINGJIA, CN

[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN

[85] 2015-11-23

[86] 2014-05-05 (PCT/CN2014/076794)

[87] (WO2014/194741)

[30] CN (201310227683.X) 2013-06-07

[21] **2,913,195**
[13] A1

[51] **Int.Cl. C07F 7/10 (2006.01) H01M 10/24 (2006.01)**

[25] EN

[54] **NITRILE-SUBSTITUTED SILANES AND ELECTROLYTE COMPOSITIONS AND ELECTROCHEMICAL DEVICES CONTAINING THEM**

[54] **SILANES A SUBSTITUTION NITRILE ET COMPOSITIONS ELECTROLYTIQUES ET DISPOSITIFS ELECTROCHIMIQUES LES CONTENANT**

[72] PENA HUESO, JOSE ADRIAN, US

[72] OSMALOV, DAVID, US

[72] DONG, JIAN, US

[72] USREY, MONICA, US

[72] POLLINA, MICHAEL, US

[72] WEST, ROBERT, US

[71] SILATRONIX, INC., US

[85] 2015-11-20

[86] 2014-06-04 (PCT/US2014/040927)

[87] (WO2014/197609)

[30] US (61/830,851) 2013-06-04

[21] **2,913,196**
[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01) C12N 1/00 (2006.01) C12P 7/08 (2006.01) C12P 7/16 (2006.01)**

[25] EN

[54] **A PROCESS FOR FERMENTING CO-CONTAINING GASEOUS SUBSTRATES IN A LOW PHOSPHATE MEDIUM EFFECTIVE FOR REDUCING WATER USAGE**

[54] **PROCEDE DE FERMENTATION DE SUBSTRATS GAZEUX CONTENANT DU CO DANS UN MILIEU A BASSE TENEUR EN PHOSPHATE POUR REDUIRE L'UTILISATION DE L'EAU**

[72] SENARATNE, RYAN H., US

[72] BELL, PETER SIMPSON, GB

[72] LIU, SONG, US

[72] SCOTT, SYRONA R., US

[71] INEOS BIO SA, CH

[85] 2015-11-20

[86] 2014-06-05 (PCT/US2014/041115)

[87] (WO2014/200810)

[30] US (61/833,240) 2013-06-10

[30] US (14/293,111) 2014-06-02

[21] **2,913,197**
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12P 7/46 (2006.01)**

[25] EN

[54] **RECOMBINANT E. COLI FOR PRODUCING SUCCINATE AND USE THEREOF**

[54] **ESCHERICHIA COLI RECOMBINANT POUR PRODUIRE DE L'ACIDE SUCCINIQUE ET APPLICATION CORRESPONDANTE**

[72] ZHANG, XUELI, CN

[72] ZHU, XINNA, CN

[72] XU, HONGTAO, CN

[72] TAN, ZAIGAO, CN

[71] TIANJIN INSTITUTE OF INDUSTRIAL BIOTECHNOLOGY, CHINESE ACADEMY OF SCIENCES, CN

[85] 2015-11-23

[86] 2014-05-23 (PCT/CN2014/078284)

[87] (WO2014/187357)

[30] CN (201310198953.9) 2013-05-24

[21] **2,913,198**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**

[25] EN

[54] **MANAGING CUSTOMS INFORMATION**

[54] **GESTION D'INFORMATIONS DE DOUANE**

[72] NOUR, EHAB MAHMOUD AHMED, AE

[72] GROSZ, JOHN ALAN, US

[72] BIELEFELDT, JAMES ALAN, US

[72] HARMON, ROBERT LYNN, US

[72] VOGT, JOHN JOSEPH, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-11-20

[86] 2013-07-22 (PCT/US2013/051483)

[87] (WO2015/012791)

[21] **2,913,199**
[13] A1

[51] **Int.Cl. C09K 8/467 (2006.01) C04B 24/24 (2006.01) C04B 26/02 (2006.01) C04B 28/00 (2006.01) C04B 28/02 (2006.01) C04B 28/04 (2006.01) C04B 28/06 (2006.01) C04B 28/08 (2006.01) C04B 28/18 (2006.01) C04B 28/32 (2006.01) C04B 28/34 (2006.01)**

[25] EN

[54] **METHODS FOR MAINTAINING ZONAL ISOLATION IN A SUBTERRANEAN WELL**

[54] **PROCEDES DE MAINTIEN D'UN ISOLEMENT ZONAL DANS UN Puits SOUTERRAIN**

[72] BULTE-LOYER, HELENE, FR

[72] REGNAULT DE LA MOTHE, LOIC, FR

[71] SCHLUMBERGER CANADA LIMITED, CA

[71] SCHLUMBERGER TECHNOLOGY B.V., NL

[85] 2015-11-23

[86] 2014-05-22 (PCT/EP2014/001381)

[87] (WO2014/187566)

[30] EP (13305674.7) 2013-05-24

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[21] **2,913,200**
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01) E21B 15/04 (2006.01) E21B 19/24 (2006.01)**

[25] EN

[54] **EXPANDABLE BULLNOSE ASSEMBLY FOR USE WITH A WELLBORE DEFLECTOR**

[54] **ENSEMBLE A BOUCHON DE CONDUITE EXPANSIBLE DESTINE A ETRE UTILISE AVEC UN DEFLECTEUR DE PUIITS DE FORAGE**

[72] STOKES, MATTHEW BRADLEY, US
[72] LAJESIC, BORISA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-11-20
[86] 2013-07-25 (PCT/US2013/052087)
[87] (WO2015/012845)

[21] **2,913,201**
[13] A1

[51] **Int.Cl. B29B 11/16 (2006.01) C08J 5/24 (2006.01)**

[25] EN

[54] **PREPREGS**

[54] **PREIMPREGNES**

[72] HERMANN, CHRISTIAN, DE
[72] KELM, ROLAND, DE
[72] SALEHI-SCHNEIDER, SOHEILA, DE
[71] INFIANA GERNAMY GMBH & CO. KG, DE

[85] 2015-11-23
[86] 2014-06-05 (PCT/EP2014/001523)
[87] (WO2014/198392)
[30] DE (10 2013 009 679.0) 2013-06-11

[21] **2,913,202**
[13] A1

[51] **Int.Cl. G01V 3/08 (2006.01)**

[25] EN

[54] **SENSOR FOR MEASURING THE ELECTROMAGNETIC FIELDS ON LAND AND UNDERWATER**

[54] **CAPTEUR POUR MESURER LES CHAMPS ELECTROMAGNETIQUES SUR TERRE ET SOUS L'EAU**

[72] MARSALA, ALBERTO F., SA
[72] HIBBS, ANDREW DENNIS, US
[71] SAUDI ARABIAN OIL COMPANY, SA

[71] GROUNDMETRICS, INC., US

[85] 2015-11-20
[86] 2014-06-06 (PCT/US2014/041200)
[87] (WO2014/200824)
[30] US (13/914,128) 2013-06-10

[21] **2,913,203**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 44/02 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR DETERMINING MANUFACTURING AND OPERATING PARAMETERS FOR A DEVIATED DOWNHOLE WELL COMPONENT**

[54] **PROCEDES ET SYSTEMES DE DETERMINATION DE PARAMETRES DE FABRICATION ET D'EXPLOITATION D'UN COMPOSANT DE PUIITS DE FOND DE TROU DEVIE**

[72] SAMUEL, ROBELLO, US
[72] WANG, ZHENYING, US
[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-11-20
[86] 2014-01-17 (PCT/US2014/011998)
[87] (WO2014/204521)
[30] US (61/837,986) 2013-06-21

[21] **2,913,204**
[13] A1

[51] **Int.Cl. A23G 1/10 (2006.01) B02C 4/04 (2006.01) B02C 4/40 (2006.01)**

[25] EN

[54] **STRIPPING SYSTEM**

[54] **SYSTEME DE RACLE**

[72] NUSSLE, TOBIAS, DE
[71] BUHLER AG, CH

[85] 2015-11-23
[86] 2014-05-13 (PCT/EP2014/059697)
[87] (WO2014/191191)
[30] EP (13169975.3) 2013-05-31

[21] **2,913,205**
[13] A1

[51] **Int.Cl. A61K 33/24 (2006.01) A61K 9/10 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **METHODS AND TREATMENT FOR CERTAIN DEMYELINATION AND DYSMYELINATION-BASED DISORDERS AND/OR PROMOTING REMYELINATION**

[54] **METHODES ET TRAITEMENT POUR CERTAINS TROUBLES DE LA DEMYELINISATION ET DE LA DYSMYELINISATION ET/OU POUR FAVORISER LA REMYELINISATION**

[72] MORTENSON, MARK G., US
[72] ZHANG, ZHONGYAN, US
[71] GR INTELLECTUAL RESERVE, LLC, US

[71] MORTENSON, MARK G., US
[71] ZHANG, ZHONGYAN, US

[85] 2015-10-19
[86] 2014-05-08 (PCT/US2014/037280)
[87] (WO2014/182888)
[30] US (61/821,040) 2013-05-08

[21] **2,913,206**
[13] A1

[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/4192 (2006.01) A61K 31/506 (2006.01) A61K 31/522 (2006.01) A61K 31/675 (2006.01) A61K 31/7068 (2006.01) A61K 31/7072 (2006.01) A61P 31/12 (2006.01)**

[25] EN

[54] **SUBSTITUTED NUCLEOSIDES, NUCLEOTIDES AND ANALOGS THEREOF**

[54] **NUCLEOSIDES, NUCLEOTIDES SUBSTITUES ET LEURS ANALOGUES**

[72] BEIGELMAN, LEONID, US
[72] DEVAL, JEROME, US
[72] JIN, ZHINAN, US
[71] ALIOS BIOPHARMA, INC., US

[85] 2015-11-20
[86] 2014-06-24 (PCT/US2014/043836)
[87] (WO2014/209979)
[30] US (61/839,711) 2013-06-26

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[21] **2,913,207**
[13] A1

[51] **Int.Cl. A61F 13/53 (2006.01) A61F 13/531 (2006.01) A61F 13/532 (2006.01)**

[25] EN
[54] **ABSORBENT CORE**
[54] **COUCHE CENTRALE ABSORBANTE**

[72] ZAMUDIO AHUMADA, ANDRES, MX
[72] VAZQUEZ ARANA, MAURICIO, MX
[72] SALCEDO AGUALLO, JOSE, MX
[71] GRUPO P.I. MABE, S.A. DE C.V., MX
[85] 2015-11-23
[86] 2013-05-24 (PCT/IB2013/054317)
[87] (WO2014/188236)

[21] **2,913,208**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING POWER GRID PARAMETERS**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE PARAMETRES D'UN RESEAU ELECTRIQUE**

[72] GAARDER, PAL EVEN, NO
[71] ABLY AS, NO
[85] 2015-11-23
[86] 2014-05-26 (PCT/EP2014/060839)
[87] (WO2014/188003)
[30] GB (1309384.4) 2013-05-24

[21] **2,913,209**
[13] A1

[51] **Int.Cl. A61K 9/22 (2006.01) A61K 9/24 (2006.01) A61K 31/167 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01) A61P 29/00 (2006.01)**

[25] EN
[54] **TAMPER RESISTANT DOSAGE FORM WITH BIMODAL RELEASE PROFILE**
[54] **FORME DOSIFIEE INVOLABLE A PROFIL DE LIBERATION BIMODALE**

[72] BARNSCHIED, LUTZ, DE
[72] GEISSLER, ANJA, DE
[72] SCHWIER, SEBASTIAN, DE
[72] DENKER, JANA, DE
[72] WENING, KLAUS, DE
[72] STRAUB, STEFANIE, DE
[71] GRUNENTHAL GMBH, DE
[85] 2015-11-23
[86] 2014-05-27 (PCT/EP2014/060925)
[87] (WO2014/191396)
[30] EP (13169658.5) 2013-05-29

[21] **2,913,210**
[13] A1

[51] **Int.Cl. C07H 19/06 (2006.01) A61K 31/7068 (2006.01) A61K 31/7072 (2006.01) A61K 31/7076 (2006.01) A61K 31/708 (2006.01) A61P 31/14 (2006.01) C07H 19/10 (2006.01) C07H 19/11 (2006.01) C07H 19/16 (2006.01) C07H 19/20 (2006.01)**

[25] EN
[54] **SUBSTITUTED NUCLEOSIDES, NUCLEOTIDES AND ANALOGS THEREOF**
[54] **NUCLEOSIDES SUBSTITUES, NUCLEOTIDES ET ANALOGUES DE CEUX-CI**

[72] DYATKINA, NATALIA, US
[72] WANG, GUANGYI, US
[72] BEIGELMAN, LEONID, US
[72] RAJWANSHI, VIVEK KUMAR, US
[71] ALIOS BIOPHARMA, INC., US
[85] 2015-11-20
[86] 2014-06-24 (PCT/US2014/043841)
[87] (WO2014/209983)
[30] US (61/839,756) 2013-06-26

[21] **2,913,211**
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/04 (2006.01) A61N 1/36 (2006.01)**

[25] EN
[54] **AN ELECTRO-STIMULATION DEVICE**
[54] **DISPOSITIF D'ELECTROSTIMULATION**

[72] CAKMAK, YUSUF OZGUR, TR
[72] UREY, HAKAN, TR
[72] OLCER, SELIM, TR
[72] AKSIT, KAAAN, TR
[71] KOC UNIVERSITESI, TR
[85] 2015-11-23
[86] 2013-06-28 (PCT/IB2013/055327)
[87] (WO2014/207512)

[21] **2,913,212**
[13] A1

[51] **Int.Cl. D06N 7/00 (2006.01)**

[25] EN
[54] **METHOD FOR PRODUCING TEXTILE PRODUCTS, PRODUCTS OBTAINABLE THEREFROM AND METHOD TO RECLAIM THE PRODUCTS**
[54] **PROCEDE PERMETTANT DE PRODUIRE DES PRODUITS TEXTILES, PRODUITS OBTENUS A PARTIR DE CE DERNIER, ET PROCEDE PERMETTANT DE METTRE EN VALEUR LES PRODUITS**

[72] TICHELAAR, MICHEL POUL, NL
[72] KONING, CORNELIS EME, NL
[72] UDDING, JAN HENDERIKUS, NL
[72] WESTERHOF, WILHELMINA, NL
[72] REUTELINGSPERGER, CHRIS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2015-11-23
[86] 2014-06-10 (PCT/EP2014/062045)
[87] (WO2014/198731)
[30] EP (13171237.4) 2013-06-10
[30] EP (13171238.2) 2013-06-10
[30] EP (13173428.7) 2013-06-24

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[21] **2,913,213**
[13] A1

[51] **Int.Cl. F23C 9/00 (2006.01) F23D 14/22 (2006.01) F23D 14/24 (2006.01)**

[25] EN

[54] **MIXING OF RECYCLE GAS WITH FUEL GAS TO A BURNER**

[54] **MELANGE D'UN GAZ DE RECYCLAGE AVEC UN GAZ COMBUSTIBLE POUR UN BRULEUR**

[72] STARCKE, CLAUS ROBERT, DK

[71] HALDOR TOPSOE A/S, DK

[85] 2015-11-23

[86] 2014-06-13 (PCT/EP2014/062401)

[87] (WO2015/000675)

[30] EP (13174685.1) 2013-07-02

[21] **2,913,214**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/06 (2006.01)**

[25] EN

[54] **LIVE WELL STAGED INSTALLATION OF WET CONNECTED ESP AND RELATED METHOD**

[54] **INSTALLATION A MULTI-NIVEAUX DANS UN Puits ACTIF D'UN ENSEMBLE POMPE ESP RELIE PAR VOIE HUMIDE ET PROCEDE APPARENTE**

[72] TETZLAFF, STEVEN K., US

[72] ADAMS, DAN L., US

[72] MAY, DEWAYNE, US

[72] DINKINS, WALTER R., US

[72] PYRON, STEVEN W., US

[71] BAKER HUGHES INCORPORATED, US

[85] 2015-11-20

[86] 2014-07-18 (PCT/US2014/047242)

[87] (WO2015/013136)

[30] US (13/952,100) 2013-07-26

[21] **2,913,215**
[13] A1

[51] **Int.Cl. H01M 4/134 (2010.01) H01M 4/1395 (2010.01) H01M 10/0525 (2010.01) H01M 4/38 (2006.01) H01M 4/62 (2006.01)**

[25] EN

[54] **ELECTRODE MATERIAL AND USE THEREOF IN LITHIUM ION BATTERIES**

[54] **MATERIAU D'ELECTRODE ET SON UTILISATION DANS DES BATTERIES LITHIUM-ION**

[72] HANELT, ECKHARD, DE

[72] HAUFE, STEFAN, DE

[71] WACKER CHEMIE AG, DE

[85] 2015-11-23

[86] 2014-06-16 (PCT/EP2014/062565)

[87] (WO2014/202529)

[30] DE (10 2013 211 388.9) 2013-06-18

[21] **2,913,216**
[13] A1

[51] **Int.Cl. B60N 2/07 (2006.01) B64D 11/06 (2006.01)**

[25] EN

[54] **PROTECTION DEVICE WITH MODULABLE DIMENSIONS FOR AN EQUIPMENT ANCHORING RAIL**

[54] **DISPOSITIF DE PROTECTION, A DIMENSIONS MODULABLES, POUR RAIL D'ANCRAGE D'EQUIPEMENT**

[72] DAOUK, ANTAR, FR

[71] DAOUK, ANTAR, FR

[85] 2015-11-23

[86] 2014-05-21 (PCT/FR2014/000111)

[87] (WO2014/188087)

[30] FR (1301185) 2013-05-24

[30] FR (1400722) 2014-03-25

[21] **2,913,217**
[13] A1

[51] **Int.Cl. C12G 3/02 (2006.01) C12C 5/02 (2006.01) C12C 11/11 (2006.01) C12C 12/00 (2006.01) C12G 3/04 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING A FERMENTED BEVERAGE AND BEVERAGE THUS PRODUCED**

[54] **PROCEDE DE PREPARATION D'UNE BOISSON FERMENTEE ET BOISSON AINSI PRODUITE**

[72] MALCORPS, PHILIPPE, BE

[72] DAENEN, LUK, BE

[71] ANHEUSER-BUSCH INBEV SA, BE

[85] 2015-11-23

[86] 2014-06-17 (PCT/EP2014/062643)

[87] (WO2014/202564)

[30] EP (13172517.8) 2013-06-18

[21] **2,913,218**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) H04N 5/30 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR A SHARED MIXED REALITY EXPERIENCE**

[54] **SYSTEMES ET PROCEDES POUR A UNE EXPERIENCE PARTAGEE DE REALITE MIXTE**

[72] GUAN, LING, CA

[72] KYAN, MATTHEW, CA

[72] KRISHNA, SRINIVAS, CA

[72] BOND, JASON RAYMOND THOMAS, CA

[72] DONG, NAN, CA

[72] KHAN, NAIMUL MAFRAZ, CA

[72] NAN, XIAOMING, CA

[72] HE, YIFENG, CA

[72] BIGGS, EDWARD, CA

[71] AWE COMPANY LIMITED, CA

[71] RYERSON UNIVERSITY, CA

[85] 2015-11-23

[86] 2014-05-23 (PCT/IB2014/061672)

[87] (WO2014/188393)

[30] US (61/827,462) 2013-05-24

PCT Applications Entering the National Phase

[21] **2,913,219**
[13] A1

[25] FR
[54] **PACKAGING, PREFERABLY MEDICAL, AND CORRESPONDING ASSEMBLY OF PACKAGINGS**
[54] **EMBALLAGE, DE PREFERENCE MEDICAL, ET ENSEMBLE D'EMBALLAGES CORRESPONDANT**
[72] RICHART, OLIVIER, FR
[71] SELENIUM MEDICAL, FR
[85] 2015-11-23
[86] 2014-05-26 (PCT/FR2014/051222)
[87] (WO2014/188142)
[30] FR (1354717) 2013-05-24

[21] **2,913,220**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **EXPANDABLE CATHETER AND RELATED METHODS OF MANUFACTURE AND USE**
[54] **CATHETER EXPANSIBLE ET PROCEDE ASSOCIE DE FABRICATION ET D'UTILISATION**
[72] LITSCHER, ERIC KARL, US
[72] LEVENDUSKY, JOSEPH A., US
[72] NGUYEN, MAN MINH, US
[72] MANNION, PAUL, US
[72] BYRNE, T. J., IE
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-11-20
[86] 2014-08-07 (PCT/US2014/050204)
[87] (WO2015/021314)
[30] US (61/864,292) 2013-08-09

[21] **2,913,221**
[13] A1

[25] FR
[54] **ASSEMBLY, PREFERABLY MEDICAL, INCLUDING TWO PACKAGING ELEMENTS**
[54] **ENSEMBLE, DE PREFERENCE MEDICAL, COMPRENANT DEUX EMBALLAGES**
[72] RICHART, OLIVIER, FR
[71] SELENIUM MEDICAL, FR
[85] 2015-11-23
[86] 2014-05-26 (PCT/FR2014/051223)
[87] (WO2014/191668)
[30] FR (1354751) 2013-05-27

[21] **2,913,222**
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRIMIDINIUM COMPOUNDS AND DERIVATIVES FOR COMBATING ANIMAL PESTS**
[54] **COMPOSES PYRIMIDINIUM SUBSTITUES ET DERIVES DESTINES A LUTTER CONTRE LES ANIMAUX NUISIBLES**
[72] DICKHAUT, JOACHIM, DE
[72] NARINE, ARUN, DE
[72] DERKSEN, SWETLANA, DE
[72] BANDUR, NINA GERTRUD, DE
[72] VON DEYN, WOLFGANG, DE
[72] KOLLER, RAFFAEL, DE
[72] WACH, JEAN-YVES, DE
[72] LANGEWALD, JUERGEN, DE
[72] RANKL, NANCY B., US
[71] BASF SE, DE
[85] 2015-11-23
[86] 2014-06-17 (PCT/EP2014/062687)
[87] (WO2014/202582)
[30] US (61/835,659) 2013-06-17

[21] **2,913,223**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4162 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRROLIDINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF DISEASE**
[54] **NOUVEAUX DERIVES PYRAZOLOPYRROLIDINE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES**
[72] BLANK, JUTTA, CH
[72] BORDAS, VINCENT, CH
[72] COTESTA, SIMONA, CH
[72] GUAGNANO, VITO, CH
[72] RUEEGER, HEINRICH, CH
[72] VAUPEL, ANDREA, CH
[71] NOVARTIS AG, CH
[85] 2015-11-23
[86] 2014-05-26 (PCT/IB2014/061717)
[87] (WO2014/191896)
[30] EP (13169364.0) 2013-05-27
[30] EP (13177673.4) 2013-07-23

[21] **2,913,224**
[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/04 (2006.01) G01V 1/135 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING SEISMIC SURVEYS WITH A CONTROLLED SOURCE USING MAXIMUM-POWER SWEEPS**
[54] **SYSTEME ET PROCEDE DE REALISATION DE LEVES SISMIQUES AVEC UNE SOURCE COMMANDEE EN UTILISANT DES BALAYAGES DE PUISSANCE MAXIMALE**
[72] DELLINGER, JOSEPH ANTHONY, US
[72] HARPER, MARK FRANCIS LUCIEN, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2015-11-20
[86] 2014-09-16 (PCT/US2014/055772)
[87] (WO2015/047784)
[30] US (61/883,437) 2013-09-27

[21] **2,913,225**
[13] A1

[51] **Int.Cl. C12N 9/90 (2006.01)**
[25] EN
[54] **MEVALONATE DIPHOSPHATE DECARBOXYLASE VARIANTS**
[54] **VARIANTES DE MEVALONATE DIPHOSPHATE DECARBOXYLASE**
[72] MAZALEYRAT, SABINE, FR
[72] DELCOURT, MARC, FR
[72] ANISSIMOVA, MARIA, FR
[72] MARLIERE, PHILIPPE, BE
[71] GLOBAL BIOENERGIES, FR
[71] SCIENTIST OF FORTUNE S.A., LU
[85] 2015-11-23
[86] 2014-07-09 (PCT/EP2014/064767)
[87] (WO2015/004211)
[30] EP (13175790.8) 2013-07-09

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[21] **2,913,226**
[13] A1

[51] **Int.Cl. C07D 473/04 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DUAL SELECTIVE PI3 DELTA AND GAMMA KINASE INHIBITORS**
[54] **INHIBITEURS BI-SELECTIFS DELTA ET GAMMA DES KINASES PI3**
[72] VAKKALANKA, SWAROOP K. V. S., CH
[72] BHAVAR, PRASHANT K., IN
[72] VISWANADHA, SRIKANT, IN
[72] BABU, GOVINDARAJULU, IN
[71] RHIZEN PHARMACEUTICALS SA, CH
[85] 2015-11-23
[86] 2014-06-04 (PCT/IB2014/061954)
[87] (WO2014/195888)
[30] IN (2501/CHE/2013) 2013-06-07
[30] IN (5567/CHE/2013) 2013-12-03

[21] **2,913,227**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **A CAPSULE FOR BEVERAGE PREPARATION**
[54] **CAPSULE POUR PREPARATION DE BOISSON**
[72] TALON, CHRISTIAN, CH
[72] ODET, SAMUEL, CH
[72] DENISART, JEAN-PAUL, CH
[72] ROGNON, VINCENT, CH
[71] NESTEC S.A., CH
[85] 2015-11-23
[86] 2014-07-10 (PCT/EP2014/064866)
[87] (WO2015/004259)
[30] EP (13175955.7) 2013-07-10

[21] **2,913,228**
[13] A1

[51] **Int.Cl. A01N 59/00 (2006.01) A01N 25/08 (2006.01) A01N 25/10 (2006.01) A01N 25/16 (2006.01) A01N 25/34 (2006.01) A01P 1/00 (2006.01) A01P 7/00 (2006.01) A01P 13/00 (2006.01) C02F 1/72 (2006.01)**
[25] EN
[54] **A METHOD OF CONTROLLING WATER SURFACE INHABITING PESTS**
[54] **PROCEDE DE LUTTE CONTRE LES NUISIBLES VIVANT SUR UNE SURFACE D'EAU**
[72] BRAUN, SERGEI, IL
[72] HAREL, MOSHE, US
[71] SHA'KED MICROBIAL SOLUTIONS LTD., IL
[85] 2015-11-23
[86] 2014-07-03 (PCT/IL2014/050602)
[87] (WO2015/001563)
[30] IL (227343) 2013-07-04

[21] **2,913,229**
[13] A1

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[25] FR
[54] **OBTAINING A SOLID FORM CONTAINING HEAT-STABLE BORAZANE, SAID SOLID FORM, AND THE USE THEREOF FOR GENERATING HYDROGEN**
[54] **OBTENTION D'UNE FORME SOLIDE RENFERMANT DU BORAZANE STABILISE THERMIQUEMENT; LADITE FORME SOLIDE ET SON UTILISATION POUR GENERER DE L'HYDROGENE**
[72] BLANCHARD, HELENE, FR
[72] RENOARD, JOEL A., FR
[72] DARWICHE, ALI, FR
[72] JANOT, RAPHAEL L., FR
[71] HERAKLES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2015-11-23
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[87] (WO2014/191682)
[30] FR (13/01229) 2013-05-30

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[54] **A COMPREHENSIVE TIRE PRESSURE MAINTENANCE SYSTEM**
[54] **SYSTEME COMPLET DE MAINTIEN DE LA PRESSION DANS UN PNEUMATIQUE**
[72] MATLOW, MELL, US
[71] MATLOW, MELL, US
[85] 2015-11-02
[86] 2014-05-09 (PCT/US2014/037413)
[87] (WO2014/182979)
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[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF HIV INFECTION**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE INFECTION PAR LE VIH**
[72] COOPER, KENNETH G., US
[72] DE SOUZA, MARK S., TH
[72] EUBANKS, KEITH, US
[72] STARR, DAVID H., US
[72] KAPSON, JOHN D., US
[72] YANG, HUA, US
[71] COOPER HUMAN SYSTEMS LLC, US
[85] 2015-11-20
[86] 2014-04-24 (PCT/US2014/035354)
[87] (WO2014/189648)
[30] US (61/827,314) 2013-05-24
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[13] A1

[51] **Int.Cl. F42B 3/04 (2006.01) F02K 9/18 (2006.01) F42B 5/16 (2006.01) F42B 30/12 (2006.01)**

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[54] **PYROTECHNIC CHARGE AND GAS GENERATOR COMPRISING SUCH A CHARGE**

[54] **CHARGEMENT PYROTECHNIQUE ET GENERATEUR DE GAZ COMPRENANT UN TEL CHARGEMENT**

[72] MARLIN, FREDERIC, FR

[71] HERAKLES, FR

[85] 2015-11-23

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[30] FR (1355202) 2013-06-06

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[13] A1

[51] **Int.Cl. A61K 31/7076 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **USE OF ADENOSINE ASPARTATE IN THE DIFFERENTIAL ACTIVATION OF MACROPHAGES IN INFLAMMATORY-FIBROGENIC PROCESSES AND ITS REVERSAL**

[54] **UTILISATION D'ASPARTATE D'ADENOSINE DANS L'ACTIVATION DIFFERENTIELLE DES MACROPHAGES DANS DES PROCESSUS INFLAMMATOIRES-FIBRINOGENIQUES ET LEUR REVERSION**

[72] CHAGOYA Y HAZAS, VICTORIA EUGENIA, MX

[72] PEREZ CABEZA DE VACA, REBECA, MX

[72] DOMINGUEZ LOPEZ, MARIANA, MX

[72] HERNANDEZ LUIS, FRANCISCO, MX

[71] UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MX

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[51] **Int.Cl. C12N 15/66 (2006.01) C12N 5/10 (2006.01) C12N 9/22 (2006.01) C12N 15/55 (2006.01)**

[25] EN

[54] **RNA-DIRECTED DNA CLEAVAGE AND GENE EDITING BY CAS9 ENZYME FROM NEISSERIA MENINGITIDIS**

[54] **CLIVAGE DE L'ADN ORIENTE VERS ARN ET EDITION GENETIQUE PAR L'ENZYME CAS9 PROVENANT DE NEISSERIA MENINGITIDIS**

[72] SONTHEIMER, ERIK, J., US

[72] ZHANG, YAN, US

[72] MONDRAGON, ALFONSO, US

[72] RAJAN, RAKHI, US

[72] THOMSON, JAMES, US

[72] HOU, ZHONGGANG, US

[71] NORTHWESTERN UNIVERSITY, US

[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

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[13] A1

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[54] **METHODS FOR DELIVERING CROMOLYN**

[54] **METHODES D'ADMINISTRATION DE CROMOLYNE**

[72] ELMALEH, DAVID R., US

[72] FRANZUSOFF, ALEX, US

[71] AZTHERAPIES, INC., US

[85] 2015-11-20

[86] 2014-05-22 (PCT/US2014/039118)

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[13] A1

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[54] **METHOD FOR TARGETED SEQUENCING**

[54] **METHODE DE SEQUENCAGE CIBLE**

[72] HOGERS, RENE CORNELIS JOSEPHUS, NL

[71] KEYGENE N.V., NL

[85] 2015-11-23

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[54] **PASSIVE DISTRIBUTION SYSTEM USING FIBER INDEXING**

[54] **SYSTEME DE DISTRIBUTION PASSIVE FAISANT APPEL A L'INDEXAGE DE FIBRES**

[72] KMIT, PAUL, US

[72] PARSONS, THOMAS, US

[72] GRONVALL, ERIK, US

[72] ELLENS, DOUGLAS C., US

[72] TOUNDAS, PANAYIOTIS, CA

[72] BADAR, TIMOTHY G., US

[72] SMITH, TREVOR D., US

[72] LEBLANC, THOMAS G., US

[72] LOEFFELHOLZ, TODD A., US

[71] ADC TELECOMMUNICATIONS, INC., US

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[86] 2014-05-23 (PCT/US2014/039377)

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[25] EN

[54] **POROUS METAL SUPPORTED THIN FILM SODIUM ION CONDUCTING SOLID STATE ELECTROLYTE**

[54] **ELECTROLYTE A L'ETAT SOLIDE, CONDUCTEUR D'IONS SODIUM, SOUS FORME DE FILM MINCE SUPPORTE PAR UN METAL POREUX**

[72] VIRKAR, ANIL V., US

[72] KOH, JOON-HO, US

[72] TAO, GEGE, US

[72] WEBER, NEILL, US

[71] MATERIALS AND SYSTEMS RESEARCH, INC., US

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[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MONITORING AND LIMITING POWER TO SSL DEVICES**

[54] **APPAREIL ET PROCEDE DE SURVEILLANCE ET LIMITATION DE PUISSANCE VERS DES DISPOSITIFS SSL**

[72] TIKKANEN, DAVID, CA

[72] HATHAWAY, KYLE, CA

[71] LUMASTREAM CANADA ULC, CA

[85] 2015-11-23

[86] 2014-06-25 (PCT/CA2014/050609)

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[30] US (61/838,965) 2013-06-25

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[13] A1

[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/80 (2006.01) F23J 7/00 (2006.01) F23J 15/00 (2006.01)**

[25] FR

[54] **METHOD AND DEVICE FOR TREATING GAS BY INJECTING A POWDERED COMPOUND AND AN AQUEOUS PHASE**

[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE GAZ PAR INJECTION DE COMPOSE PULVERULENT ET DE PHASE AQUEUSE**

[72] PETTIAU, XAVIER, BE

[72] NYSSSEN, OLIVIER, BE

[72] BRASSEUR, ALAIN, BE

[72] LAUDET, ALAIN, BE

[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE

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[30] BE (2013/0435) 2013-06-25

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[51] **Int.Cl. F03B 17/02 (2006.01) B63B 21/00 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**

[25] EN

[54] **POWER GENERATING SYSTEMS**

[54] **SYSTEMES DE PRODUCTION D'ENERGIE**

[72] HAWTHORNE, MATTHEW, GB

[71] TIDAL GENERATION LIMITED, GB

[85] 2015-11-23

[86] 2014-05-08 (PCT/GB2014/051407)

[87] (WO2014/199120)

[30] GB (1310237.1) 2013-06-09

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[25] EN

[54] **METHODS AND SYSTEMS FOR SEISMIC DATA ANALYSIS USING A TILTED TRANSVERSELY ISOTROPIC (TTI) MODEL**

[54] **PROCEDES ET SYSTEMES D'ANALYSE DE DONNEES SISMQUES UTILISANT UN MODELE TRANSVERSALEMENT ISOTROPE INCLINE (TTI)**

[72] PEI, DONGHONG, US

[72] GIBBS, ROBERT JASON, US

[72] ZHOU, RAN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-11-23

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[87] (WO2014/204440)

[21] **2,913,243**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/32 (2006.01)**

[25] EN

[54] **DOWNHOLE INJECTION ASSEMBLY HAVING AN ANNULAR ORIFICE**

[54] **ENSEMBLE D'INJECTION DE FOND POSSEDANT UN ORIFICE ANNULAIRE**

[72] THURMAN, ROBERT, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-11-23

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[54] **POLYMERIC MATERIALS**

[54] **MATERIAUX POLYMERES**

[72] OVEREND, ANDREW, GB

[72] CAMPBELL, IAN, GB

[72] JONES, BRIAN, GB

[71] COLORMATRIX HOLDINGS, INC., US

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[13] A1

[51] **Int.Cl. F41A 23/02 (2006.01)**
[25] EN
[54] **FIREARM STOCK WITH SUPPORT**
[54] **CROSSE D'ARME A FEU AVEC SUPPORT**
[72] RAVNAAS, BRENT J., US
[71] RAVNAAS, BRENT J., US
[85] 2015-11-23
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[87] (WO2014/190350)
[30] US (61/827,414) 2013-05-24

[21] **2,913,246**
[13] A1

[51] **Int.Cl. B61L 5/06 (2006.01) B61L 5/04 (2006.01)**
[25] EN
[54] **RAILWAY POINT CRANK SYSTEM**
[54] **SYSTEME DE MANIVELLE POUR AIGUILLAGE FERROVIAIRE**
[72] CHADDA, IQBAL SINGH, GB
[72] PINK, TODD CHRISTOPHER, US
[72] COOPER, JAMES ERVIN, US
[71] SPX INTERNATIONAL LIMITED, GB
[85] 2015-11-23
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[13] A1

[51] **Int.Cl. G06T 17/20 (2006.01)**
[25] EN
[54] **2.75D MESHING ALGORITHM**
[54] **ALGORITHME DE MAILLAGE 2,75D**
[72] WARD, STEVEN BRYAN, US
[72] BREWER, MICHAEL LOYD, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-11-23
[86] 2013-07-02 (PCT/US2013/049150)
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[13] A1

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[54] **2.5D STADIA MESHING**
[54] **MAILLAGE STADIMETRIQUE 2,5D**
[72] WARD, STEVEN BRYAN, US
[72] BREWER, MICHAEL LOYD, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[13] A1

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[25] FR
[54] **ESTIMATION OF A DELETED FLUID CONSUMPTION**
[54] **ESTIMATION D'UNE CONSOMMATION DE FLUIDE EFFACEE**
[72] GROSSIN, BENOIT, FR
[72] CHARPENTIER, PHILIPPE, FR
[72] HATTON, LESLIE, FR
[72] MATZNER-LOBER, ERIC, FR
[71] ELECTRICITE DE FRANCE, FR
[85] 2015-11-20
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[30] FR (1354694) 2013-05-24

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[13] A1

[51] **Int.Cl. E21B 43/02 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **PRODUCTION FILTERING SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES DE FILTRAGE DE PRODUCTION**
[72] LEHRLING, GUNNAR, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-23
[86] 2013-07-24 (PCT/US2013/051833)
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[13] A1

[51] **Int.Cl. C07H 1/06 (2006.01) C12N 9/10 (2006.01) C12P 19/56 (2006.01)**
[25] EN
[54] **HIGH-PURITY STEVIOL GLYCOSIDES**
[54] **GLUCOSIDES DE STEVIOL DE HAUTE PURETE**
[72] PRAKASH, INDRA, US
[72] BUNDERS, CYNTHIA, US
[72] SONI, PANKAJ, US
[72] MARKOSYAN, AVETIK, MY
[72] CYRILLE, JARRIN, FR
[72] BADIE, AURELIEN, FR
[72] HALLE, ROBER TER, FR
[71] THE COCA-COLA COMPANY, US
[71] PURECIRCLE SDN BHD, MY
[85] 2015-11-23
[86] 2014-05-28 (PCT/US2014/039758)
[87] (WO2014/193934)
[30] US (61/827,922) 2013-05-28
[30] US (61/843,544) 2013-07-08
[30] US (61/861,528) 2013-08-02
[30] US (61/881,166) 2013-09-23
[30] US (61/885,084) 2013-10-01
[30] US (61/904,751) 2013-11-15
[30] US (61/913,482) 2013-12-09
[30] US (61/921,635) 2013-12-30
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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 15/04 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **DEFLECTOR ASSEMBLY FOR A LATERAL WELLBORE**
[54] **ENSEMBLE DEFLECTEUR POUR Puits DE FORAGE LATERAL**
[72] LAJESIC, BORISA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-23
[86] 2013-07-25 (PCT/US2013/052068)
[87] (WO2015/012843)

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[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS PERIPHERAL SURGICAL SYSTEMS**
[54] **SYSTEMES DE CHIRURGIE PERIPHERIQUE POUR LENTILLE INTRAOCULAIRE**
[72] DEBOER, CHARLES, US
[72] CABLE, CRAIG ALAN, II, US
[72] RIBEIRO, RAMIRO MAGALHES, US
[72] MCCORMICK, MATTHEW, US
[72] CAFFEY, SEAN, US
[72] TAI, YU-CHONG, US
[72] HUMAYUN, MARK, US
[71] ICO, INC., US
[85] 2015-11-23
[86] 2014-05-28 (PCT/US2014/039792)
[87] (WO2014/193953)
[30] US (61/828,018) 2013-05-28
[30] US (61/829,607) 2013-05-31
[30] US (61/862,806) 2013-08-06
[30] US (61/930,690) 2014-01-23

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[13] A1

[51] **Int.Cl. E21B 47/18 (2012.01)**
[25] EN
[54] **CHANNEL IMPULSE RESPONSE IDENTIFICATION AND COMPENSATION**
[54] **IDENTIFICATION ET COMPENSATION DE LA REPOSE IMPULSIONNELLE D'UNE VOIE**
[72] WHITACRE, TIM, US
[72] WHITE, MATTHEW A., US
[72] VANSTEENWYK, BRETT, US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2015-11-23
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[87] (WO2014/193712)
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[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **WI-FI ADMINISTRATION CONSOLE**
[54] **CONSOLE D'ADMINISTRATION WI-FI**
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] HUGHES, CHARLES J., US
[72] TSENG, ERICK, US
[71] FACEBOOK, INC., US
[85] 2015-11-23
[86] 2014-05-29 (PCT/US2014/039918)
[87] (WO2014/194029)
[30] US (13/906,784) 2013-05-31

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[13] A1

[51] **Int.Cl. B01D 63/06 (2006.01) B01D 46/24 (2006.01) B01D 67/00 (2006.01) B01D 69/10 (2006.01) B29C 67/00 (2006.01) B32B 3/12 (2006.01) C04B 38/00 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING FILTERING MEMBRANES BY ADDITIVE TECHNIQUE AND RESULTING MEMBRANES**
[54] **PROCEDE DE FABRICATION DE MEMBRANES DE FILTRATION PAR TECHNIQUE ADDITIVE ET MEMBRANES OBTENUES**
[72] LESCOCHE, PHILIPPE, FR
[72] ANQUETIL, JEROME, FR
[71] TECHNOLOGIES AVANCEES & MEMBRANES INDUSTRIELLES, FR
[85] 2015-11-23
[86] 2014-06-10 (PCT/FR2014/051383)
[87] (WO2014/199062)
[30] FR (1355358) 2013-06-11

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[13] A1

[51] **Int.Cl. F21S 11/00 (2006.01)**
[25] EN
[54] **DAYLIGHT REDIRECTING GLAZING LAMINATES**
[54] **STRATIFIES DE VITRAGE REDIRIGEANT LA LUMIERE DU JOUR**
[72] PADIYATH, RAGHUNATH, US
[72] MANSHEIM, JONATHAN F., US
[72] KUNCIO, STEPHEN J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-11-23
[86] 2014-05-30 (PCT/US2014/040123)
[87] (WO2014/194154)
[30] US (61/830,048) 2013-05-31

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[13] A1

[51] **Int.Cl. B60J 11/00 (2006.01) B60J 11/02 (2006.01) B60P 3/32 (2006.01)**
[25] EN
[54] **SHIFTING ROLL AWNING WITH DRIVE MECHANISM**
[54] **STORE A ROULEAU DE DEPLACEMENT AYANT UN MECANISME DE COMMANDE**
[72] MALOTT, DALE, US
[71] DOMETIC CORPORATION, US
[85] 2015-11-23
[86] 2014-05-30 (PCT/US2014/040300)
[87] (WO2014/194233)
[30] US (13/907,220) 2013-05-31

[21] **2,913,268**
[13] A1

[51] **Int.Cl. G01R 35/00 (2006.01) G01R 27/28 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **SOLID STATE IMPEDANCE TUNERS**
[54] **DISPOSITIFS D'ACCORD D'IMPEDANCE A SEMI-CONDUCTEURS**
[72] BOUDIAF, ALI, US
[72] MEIERER, ROMAN, CA
[72] SIMPSON, GARY R., CA
[71] MAURY MICROWAVE, INC., US
[85] 2015-11-23
[86] 2014-05-30 (PCT/US2014/040339)
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[30] US (61/829,997) 2013-05-31

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[13] A1

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[25] EN
[54] **TENSIONING OR PIPE CLAMP**
[54] **COLLIER DE SERRAGE OU D'ATTACHE**
[72] SUDAR, DAMIR, CH
[72] MANNHART, HUBERT, CH
[71] STRAUB WERKE AG, CH
[85] 2015-11-23
[86] 2014-05-22 (PCT/IB2014/061616)
[87] (WO2014/199253)
[30] CH (01120/13) 2013-06-14

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[13] A1

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[25] EN
[54] **REMOVABLE WALL DECORATION KITS, SYSTEMS AND METHODS**
[54] **KITS, SYSTEMES ET PROCEDES DE DECORATION DE MUR AMOVIBLES**
[72] FLOYD, THOMAS W., US
[72] VANDERHEYDEN, JACOB P., US
[72] ECHEVERRI, NICOLAS A., US
[72] THOMPSON, CRAIG D., US
[72] MCGREEVY, SEAN C., US
[72] OLSON, JUDD D., US
[72] HOFFMAN, JOSEPH A., US
[72] MARKS, NATHAN E., US
[72] HAWTHORNE, STEPHAN A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-11-23
[86] 2014-06-02 (PCT/US2014/040550)
[87] (WO2014/197390)
[30] US (61/830,367) 2013-06-03
[30] US (61/948,946) 2014-03-06
[30] US (61/988,020) 2014-05-02

[21] **2,913,274**
[13] A1

- [51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/0786 (2010.01)**
[25] EN
[54] **HUMAN MONOCYTE SUB-POPULATION FOR TREATMENT OF EYE DISEASES AND DISORDERS**
[54] **SOUS-POPULATION DE MONOCYTES HUMAINS POUR LE TRAITEMENT DE MALADIES ET DE TROUBLES OCULAIRES**
[72] EISENBACH-SCHWARTZ, MICHAL, IL
[72] YOLES, ESTER, IL
[72] BENHAR BAR-ON, INBAL, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2015-11-23
[86] 2014-05-22 (PCT/IL2014/050463)
[87] (WO2014/188436)
[30] US (61/826,159) 2013-05-22
[30] US (61/915,069) 2013-12-12

[21] **2,913,276**
[13] A1

- [51] **Int.Cl. G05D 16/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONDITIONAL CONTROL OF AN ELECTRONIC PRESSURE REGULATOR**
[54] **PROCEDE ET APPAREIL DE CONTROLE CONDITIONNEL D'UN REGULATEUR DE PRESSION ELECTRONIQUE**
[72] DAVIES, STEVEN CRAIG, GB
[71] TESCO CORPORATION, US
[85] 2015-11-23
[86] 2014-06-03 (PCT/US2014/040600)
[87] (WO2014/197420)
[30] US (61/830,350) 2013-06-03

[21] **2,913,277**
[13] A1

- [51] **Int.Cl. B01J 37/03 (2006.01) B82Y 40/00 (2011.01) B01J 21/04 (2006.01) B01J 23/80 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **CATALYTIC DECOMPOSITION OF LOWER HYDROCARBONS TO PRODUCE CARBON OXIDES FREE HYDROGEN AND BAMBOO SHAPED CARBON NANOTUBES**
[54] **DECOMPOSITION CATALYTIQUE D'HYDROCARBURES INFERIEURS AFIN DE PRODUIRE DES OXYDES DE CARBONE EXEMPTS D'HYDROGENE ET NANOTUBES DE CARBONE EN FORME DE BAMBOU**
[72] PANT, KAMAL KISHORE, IN
[72] SARASWAT, SUSHIL KUMAR, IN
[72] TOMPALA, ANNAJI RAJIV KUMAR, IN
[72] RAMESH, KANAPARTHI, IN
[72] PEDDY, VENKATA CHALAPATHI RAO, IN
[72] NETTEM, VENKATESWARLU CHOUDARY, IN
[72] GANDHAM, SRI GANESH, IN
[71] CENTRE FOR HIGH TECHNOLOGY, IN
[71] HINDUSTAN PETROLEUM CORPORATION LTD., IN
[71] INDIAN INSTITUTE OF TECHNOLOGY, DELHI, IN
[85] 2015-11-23
[86] 2013-07-23 (PCT/IN2013/000460)
[87] (WO2014/188439)
[30] IN (1852/MUM/2013) 2013-05-24

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[51] **Int.Cl. G05D 16/20 (2006.01) G05B 11/36 (2006.01) G05B 23/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CONTROL AND MONITORING OF A FIELD DEVICE**
[54] **SYSTEME ET PROCEDES DE COMMANDE ET DE SURVEILLANCE D'UN DISPOSITIF DE TERRAIN**
[72] THARALDSON, LINDA ROSE, US
[72] MUIR, GORDON CAMERON, US
[72] WAKEFIELD, JEFFREY ALLEN, US
[71] TESCOM CORPORATION, US
[85] 2015-11-23
[86] 2014-06-03 (PCT/US2014/040609)
[87] (WO2014/197426)
[30] US (61/830,545) 2013-06-03

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[13] A1

[51] **Int.Cl. C07D 493/04 (2006.01) A61K 31/35 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **TETRAHYDRO-2H-PYRANO[3,2-C]ISOCHROMENE-6-ONES AND ANALOGS FOR THE TREATMENT OF INFLAMMATORY DISORDERS**
[54] **TETRAHYDRO-2H-PYRANO[3,2-C]ISOCHROMENE-6-ONES ET ANALOGUES POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES**
[72] JAIN, SHREYANS KUMAR, IN
[72] SIDIQ, TABASUM, IN
[72] MEENA, SAMDARSHI, IN
[72] KHAJURIA, ANAMIKA, IN
[72] VISHWAKARMA, RAM ASREY, IN
[72] BHARATE, SANDIP BIBISHAN, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2015-11-23
[86] 2013-11-01 (PCT/IN2013/000679)
[87] (WO2014/188440)
[30] IN (1565/DEL/2013) 2013-05-24

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[13] A1

[51] **Int.Cl. G06F 19/10 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PHENOTYPIC INTEGRATED SOCIAL SEARCH DATABASE AND METHOD**
[54] **BASE DE DONNEES DE RECHERCHE SOCIALE A INTEGRATION PHENOTYPIQUE ET PROCEDE**
[72] SHORT, JAY, US
[72] BRIGGS, STEVE, US
[71] IPHENOTYPE LLC, US
[85] 2015-11-23
[86] 2014-05-23 (PCT/US2014/039281)
[87] (WO2014/190230)
[30] US (PCT/US2013/042527) 2013-05-23
[30] US (61/895,974) 2013-10-25
[30] US (61/895,969) 2013-10-25
[30] US (61/895,964) 2013-10-25
[30] US (61/909,386) 2013-11-27
[30] US (61/909,873) 2013-11-27
[30] US (61/909,378) 2013-11-27

[21] **2,913,283**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **GENERATING A FEED OF CONTENT ITEMS ASSOCIATED WITH A TOPIC FROM MULTIPLE CONTENT SOURCES**
[54] **GENERATION D'UN GROUPE D'ELEMENTS DE CONTENU ASSOCIES A UN SUJET PROVENANT DE MULTIPLES SOURCES DE CONTENU**
[72] WISSNER, JAMES MATTHEW, US
[72] MORGAN, ROBERT, US
[71] FACEBOOK, INC., US
[85] 2015-11-23
[86] 2014-06-06 (PCT/US2014/041427)
[87] (WO2014/197877)
[30] US (61/831,728) 2013-06-06

[21] **2,913,285**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ASSISTING PERSONS, PRODUCT PROVIDERS AND/OR SERVICE PROVIDERS**
[54] **PROCEDES ET SYSTEMES D'ASSISTANCE A DES PERSONNES, DES FOURNISSEURS DE PRODUITS ET/OU DES FOURNISSEURS DE SERVICES**
[72] SHORT, JAY, US
[72] BRIGGS, STEVE, US
[71] IPHENOTYPE LLC, US
[85] 2015-11-23
[86] 2014-05-23 (PCT/US2014/039282)
[87] (WO2014/190231)
[30] US (PCT/US2013/042527) 2013-05-23
[30] US (61/895,974) 2013-10-25
[30] US (61/895,969) 2013-10-25
[30] US (61/895,964) 2013-10-25
[30] US (61/909,386) 2013-11-27
[30] US (61/909,873) 2013-11-27
[30] US (61/909,378) 2013-11-27

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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR REAL TIME ANALYSIS OF MEDICAL IMAGING**
[54] **SYSTEME ET PROCEDE D'ANALYSE EN TEMPS REEL D'UNE IMAGERIE MEDICALE**
[72] PERI, NETANEL, IL
[71] MEDYMATCH TECHNOLOGY LTD, IL
[85] 2015-11-23
[86] 2014-05-25 (PCT/IL2014/050467)
[87] (WO2014/203239)
[30] US (61/835,650) 2013-06-17

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[13] A1

[51] **Int.Cl. B60T 8/17 (2006.01) B60T 8/00 (2006.01) B60T 8/58 (2006.01)**

[25] EN

[54] **VEHICLE BRAKE DEVICE**

[54] **DISPOSITIF DE FREIN POUR VEHICULE**

[72] ISHINO, KEISUKE, JP

[72] OKADA, SHIYUUICHI, JP

[72] AKAMINE, KOHEI, JP

[72] HATANO, KUNIMICHI, JP

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

[85] 2015-11-23

[86] 2013-06-13 (PCT/JP2013/003720)

[87] (WO2014/199419)

[21] **2,913,289**
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**

[25] EN

[54] **MULTI-FREQUENCY INVERSION OF MODAL DISPERSIONS FOR ESTIMATING FORMATION ANISOTROPY CONSTANTS**

[54] **INVERSION MULTIFREQUENCE DES DISPERSIONS MODALES POUR L'ESTIMATION DES CONSTANTES D'ANISOTROPIE D'UNE FORMATION**

[72] SINHA, BIKASH K., US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2015-11-23

[86] 2014-06-12 (PCT/US2014/042067)

[87] (WO2014/201214)

[30] US (13/916,542) 2013-06-12

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[13] A1

[51] **Int.Cl. B27N 3/02 (2006.01) B32B 21/12 (2006.01) B32B 27/04 (2006.01) B44C 5/04 (2006.01)**

[25] EN

[54] **A METHOD OF MANUFACTURING A WOOD-BASED BOARD AND SUCH A WOOD-BASED BOARD**

[54] **PROCEDE DE FABRICATION D'UN PANNEAU A BASE DE BOIS ET PANNEAU A BASE DE BOIS DE CE TYPE**

[72] VETTER, GEORG, SE

[72] HAKANSSON, NICLAS, SE

[72] BERGELIN, MARCUS, SE

[72] PERSSON, HANS, SE

[71] VALINGE INNOVATION AB, SE

[85] 2015-11-23

[86] 2014-06-16 (PCT/SE2014/050730)

[87] (WO2014/204386)

[30] SE (1350733-0) 2013-06-17

[21] **2,913,293**
[13] A1

[51] **Int.Cl. C10J 3/00 (2006.01) F23G 5/027 (2006.01)**

[25] EN

[54] **METHOD FOR INHIBITING OCCURRENCE OF PYROLYSIS DEPOSIT IN PYROLYSIS GASIFICATION SYSTEM, AND PYROLYSIS GASIFICATION SYSTEM**

[54] **PROCEDE PERMETTANT D'INHIBER L'APPARITION DE DEPOT PYROLYTIQUE DANS UN SYSTEME DE GAZEIFICATION PAR PYROLYSE, ET SYSTEME DE GAZEIFICATION PAR PYROLYSE**

[72] ENDOU, YUUKI, JP

[72] KITTA, TAKEHIRO, JP

[72] KAKURATA, KAZUAKI, JP

[72] ABE, JUNICHIRO, JP

[71] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP

[85] 2015-11-23

[86] 2013-07-11 (PCT/JP2013/068984)

[87] (WO2015/004773)

[21] **2,913,294**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01)**

[25] EN

[54] **INFLUX DETECTION AT PUMPS STOP EVENTS DURING WELL DRILLING**

[54] **DETECTION D'AFFLUX LORS D'EVENEMENTS D'ARRET DE POMPES DURANT UN FORAGE DE PUITS**

[72] MILNER, GEORGE MARTIN, US

[72] TARR, BRIAN ANSTAY, US

[71] COVAR APPLIED TECHNOLOGIES, INC., US

[85] 2015-11-23

[86] 2014-05-21 (PCT/US2014/038878)

[87] (WO2014/189992)

[30] US (61/826,690) 2013-05-23

[21] **2,913,296**
[13] A1

[51] **Int.Cl. A61K 51/08 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **DIAGNOSING AND TREATING ALZHEIMER'S DISEASE USING ANNEXINS WITH LABELED WITH A RADIONUCLIDE**

[54] **DIAGNOSTIC ET TRAITEMENT DE LA MALADIE D'ALZHEIMER EN UTILISANT DES ANNEXINES MARQUEES PAR UN RADIONUCLEIDE**

[72] STEVESON, NIGEL R., US

[72] GONZALES, GILBERT R., US

[71] NEUROSN, INC., US

[85] 2015-11-23

[86] 2014-05-21 (PCT/US2014/038933)

[87] (WO2014/190030)

[30] US (61/826,701) 2013-05-23

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[21] **2,913,297**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/18 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PREDICTING AN OUTCOME BY A USER IN A SINGLE SCORE**

[54] **SYSTEME ET PROCEDURE POUR PREDIRE UN RESULTAT PAR UN UTILISATEUR DANS UN SCORE UNIQUE**

[72] CARLYLE, ERIC, US
[72] DEBUSSCHERE, TOM, BE
[72] DUSAR, WOUTER, BE
[72] LAUWERES, FILIP, BE
[71] IGNITIONONE, INC., US
[85] 2015-11-23
[86] 2014-05-21 (PCT/US2014/038935)
[87] (WO2014/190032)
[30] US (61/825,784) 2013-05-21
[30] US (14/178,708) 2014-02-12

[21] **2,913,303**
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) A47K 10/16 (2006.01) D21H 27/02 (2006.01)**

[25] EN

[54] **ABSORBENT PAPER PRODUCT HAVING VISUAL ELEMENTS**

[54] **PRODUIT DE PAPIER ABSORBANT COMPORTANT DES ELEMENTS VISUELS**

[72] SARTINI, EMMA LYNN, US
[72] KIEN, KATHRYN CHRISTIAN, US
[72] SMITH, MARIAN FRANCES, US
[72] LUIPOLD, LEE ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-11-23
[86] 2014-05-22 (PCT/US2014/039049)
[87] (WO2014/190105)
[30] US (13/899,912) 2013-05-22

[21] **2,913,308**
[13] A1

[51] **Int.Cl. C02F 5/02 (2006.01) C02F 1/04 (2006.01) C02F 1/20 (2006.01) C02F 1/40 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 9/00 (2006.01) E21B 43/34 (2006.01) E21B 43/38 (2006.01)**

[25] EN

[54] **WASTEWATER TREATMENT PROCESSES EMPLOYING HIGH RATE CHEMICAL SOFTENING SYSTEMS**

[54] **PROCEDES DE TRAITEMENT DES EAUX USEES FAISANT APPEL A DES SYSTEMES D'ADOUCCISSEMENT CHIMIQUE A HAUT DEBIT**

[72] BLUMENSCHNEIN, CHARLES, US
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2015-11-23
[86] 2014-05-22 (PCT/US2014/039063)
[87] (WO2014/190112)
[30] US (61/826,732) 2013-05-23

[21] **2,913,309**
[13] A1

[51] **Int.Cl. B32B 27/30 (2006.01) C08F 222/08 (2006.01) C08L 33/12 (2006.01) C08L 35/06 (2006.01)**

[25] EN

[54] **COMPOSITE SYSTEM WITH HIGH IMPACT STRENGTH AND A HIGH SOFTENING POINT**

[54] **SYSTEME COMPOSITE A RESISTANCE AUX CHOCS ET DEFORMATION A CHAUD ELEVEES**

[72] CARLOFF, RUDIGER, DE
[72] DIETRICH, GERALD, DE
[72] WICKER, MICHAEL, DE
[72] CHEN, CHIH-LUNG, TW
[71] EVONIK ROHM GMBH, DE
[85] 2015-11-23
[86] 2013-05-24 (PCT/EP2013/060702)
[87] (WO2014/187500)

[21] **2,913,312**
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **ANTI-B7-H5 ANTIBODIES AND THEIR USES**

[54] **ANTICORPS ANTI-B7-H5 ET LEURS UTILISATIONS**

[72] CHEN, LIEPING, US
[72] YAO, SHENG, US
[72] LIU, LINDA, US
[72] LANGERMANN, SOLOMON, US
[71] MEDIMMUNE, LLC, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2015-11-23
[86] 2014-05-27 (PCT/US2014/039621)
[87] (WO2014/190356)
[30] US (61/827,216) 2013-05-24

[21] **2,913,313**
[13] A1

[51] **Int.Cl. A61K 31/7084 (2006.01) A61P 29/02 (2006.01)**

[25] EN

[54] **DINUCELOSIDE POLYPHOSPHATES FOR THE TREATMENT OF PAIN**

[54] **DINUCLEOSIDE POLYPHOSPHATES POUR LE TRAITEMENT DE LA DOULEUR**

[72] MILLER, ANDREW DAVID, GB
[72] LOZOVAYA, NATALYA, FR
[72] BURNASHEV, NAIL, FR
[72] GINIATULLIN, RASHID, FI
[71] GLOBALACORN LTD., GB
[85] 2015-11-23
[86] 2013-05-24 (PCT/GB2013/051377)
[87] (WO2013/175231)
[30] GB (1209244.1) 2012-05-25

[21] **2,913,314**
[13] A1

[51] **Int.Cl. B29C 45/26 (2006.01) B29C 45/76 (2006.01)**

[25] EN

[54] **A MOLD STACK**

[54] **EMPILEMENT DE MOULE**

[72] NGUYEN HOANG, SANG SEBASTIEN, LU
[72] WITZ, JEAN-CHRISTOPHE, FR
[72] FISCH, RALF WALTER, DE
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2015-11-24
[86] 2014-06-02 (PCT/CA2014/050509)
[87] (WO2015/003259)
[30] US (61/844,049) 2013-07-09

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[21] **2,913,315**
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **AUTOMATED REIMBURSEMENT INTERACTIONS**
[54] **INTERACTIONS DE REMBOURSEMENT AUTOMATISEES**
[72] KETZEF, ALON, IL
[71] DAVIDSHIELD L.I.A. (2000) LTD., IL
[85] 2015-11-23
[86] 2014-05-22 (PCT/IL2014/050462)
[87] (WO2014/188435)
[30] US (13/900,919) 2013-05-23

[21] **2,913,316**
[13] A1

[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING SEPARATOR FOR FUEL CELL**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE SEPARATEUR POUR PILE A COMBUSTIBLE**
[72] NUMAO, YASUHIRO, JP
[72] MIYAOKA, HIROSHI, JP
[72] HIRAO, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2015-11-23
[86] 2014-04-09 (PCT/JP2014/060306)
[87] (WO2014/188807)
[30] JP (2013-109325) 2013-05-23

[21] **2,913,317**
[13] A1

[51] **Int.Cl. A01N 43/80 (2006.01) A01N 37/20 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 43/76 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITION HAVING SYNERGISTIC EFFECT**
[54] **COMPOSITION BACTERICIDE A EFFET SYNERGIQUE**
[72] ZHONG, HANGEN, CN
[72] JI, HONGJIN, CN
[71] JIANGSU HUIFENG AGROCHEMICAL CO., LTD., CN
[85] 2015-11-24
[86] 2013-07-09 (PCT/CN2013/079078)
[87] (WO2014/198079)
[30] CN (201310232680.5) 2013-06-09

[21] **2,913,318**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **BINDING MOLECULES THAT BIND HUMAN COMPLEMENT FACTOR C2 AND USES THEREOF**
[54] **MOLECULES DE LIAISON QUI SE LIENT AU FACTEUR C2 DU COMPLEMENT HUMAIN ET UTILISATIONS DE CELUI-CI**
[72] HACK, CORNELIS ERIK, NL
[72] YILDIZ, CAFER, NL
[72] BOON, LOUIS, NL
[72] SIMONS, PETRUS JOHANNES, NL
[71] BROTEIO PHARMA B.V., NL
[85] 2015-11-23
[86] 2014-05-22 (PCT/NL2014/050327)
[87] (WO2014/189378)
[30] EP (13168941.6) 2013-05-23

[21] **2,913,319**
[13] A1

[51] **Int.Cl. A01B 3/46 (2006.01)**
[25] EN
[54] **SWIVELLING SUPPORT WHEEL FOR A REVERSIBLE PLOUGH**
[54] **ROUE D'APPUI PIVOTANTE POUR UNE CHARRUE REVERSIBLE**
[72] EIRMBTER, SEBASTIAN, DE
[71] LEMKEN GMBH & CO. KG, DE
[85] 2015-11-24
[86] 2014-06-27 (PCT/DE2014/100218)
[87] (WO2014/206401)
[30] DE (10 2013 106 783.2) 2013-06-28

[21] **2,913,320**
[13] A1

[51] **Int.Cl. E21B 7/04 (2006.01) E21B 19/24 (2006.01) E21B 29/08 (2006.01)**
[25] EN
[54] **EXPANDABLE BULLNOSE ASSEMBLY FOR USE WITH A WELLBORE DEFLECTOR**
[54] **ENSEMBLE GUIDE DE TETE EXPANSIBLE POUR UTILISATION AVEC UN DEFLECTEUR DE Puits DE FORAGE**
[72] STOKES, MATTHEW BRADLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-23
[86] 2013-07-25 (PCT/US2013/052105)
[87] (WO2015/012848)

[21] **2,913,322**
[13] A1

[51] **Int.Cl. G05B 13/04 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM OF DYNAMIC MODEL IDENTIFICATION FOR MONITORING AND CONTROL OF DYNAMIC MACHINES WITH VARIABLE STRUCTURE OR VARIABLE OPERATION CONDITIONS**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION DE MODELE DYNAMIQUE DE SURVEILLANCE ET DE COMMANDE DE MACHINES DYNAMIQUES A STRUCTURE VARIABLE OU A CONDITIONS DE MISE EN ŒUVRE VARIABLES**
[72] LARIMORE, WALLACE E., US
[71] LARIMORE, WALLACE E., US
[85] 2015-11-23
[86] 2014-06-16 (PCT/US2014/042486)
[87] (WO2014/201455)
[30] US (61/835,129) 2013-06-14
[30] US (14/305,331) 2014-06-16

[21] **2,913,323**
[13] A1

[51] **Int.Cl. H04B 1/52 (2015.01) H04B 1/12 (2006.01) H04B 1/38 (2015.01)**
[25] EN
[54] **LEAKAGE CANCELLATION FOR A MULTIPLE-INPUT MULTIPLE-OUTPUT TRANSCEIVER**
[54] **ANNULATION DE FUITE POUR EMETTEUR-RECEPTEUR ENTREE MULTIPLE SORTIE MULTIPLE**
[72] LINDGREN, ROBERT, SE
[72] THORSEN, PER-ARNE, SE
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **VIS**
[72] HUBMANN, GERHARD, AT
[71] AVVIO GMBH & CO KG, AT
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[86] 2014-05-23 (PCT/EP2014/060633)
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[30] TW (102210076) 2013-05-30

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[25] EN
[54] **SOLID PHARMACEUTICAL DOSAGE FORM**
[54] **FORME POSOLOGIQUE PHARMACEUTIQUE SOLIDE**
[72] LEUTNER, DIRK, DE
[72] HOLFINGER, KONSTANTIN, DE
[72] MIKA, HANS-JUERGEN, DE
[71] RATIOPHARM GMBH, DE
[85] 2015-11-24
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[54] **SHUT-OFF GAS VALVE**
[54] **VANNE D'ARRET DE GAZ**
[72] QUEREJETA ANDUEZA, FELIX, FR
[71] COPRECITEC, S.L., ES
[85] 2015-11-24
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[25] EN
[54] **PROCESS FOR PREPARING STEALTH NANOPARTICLES**
[54] **PROCEDE DE PREPARATION DE NANOPARTICULES FURTIVES**
[72] SCHMID, RUTH, NO
[72] STENSTAD, PER, NO
[72] MORCH, YRR, NO
[72] JOHNSEN, HEIDI, NO
[71] SINTEF TTO AS, NO
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[54] **STRESS TOLERANT PLANTS**
[54] **PLANTES RESISTANT AU STRESS**
[72] RUBIO MUNOZ, VICENTE, ES
[72] INIESTO SANCHEZ, ELISA, ES
[72] IRIGOYEN MIGUEL, MARIA LUISA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
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[25] EN
[54] **SYRINGE EXTRUSION ACCESSORY**
[54] **ACCESSOIRE D'EXTRUSION POUR SERINGUE**
[72] FRANKLIN, ETHAN W., US
[72] SCHWAB, JUSTIN J., US
[71] ALLERGAN, INC., US
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[54] **STABLE ORAL SOLUTIONS FOR COMBINED API**
[54] **SOLUTIONS ORALES STABLES POUR UN PRINCIPE ACTIF COMBINE**
[72] COHEN, DANIEL, FR
[72] CHUMAKOV, ILYA, FR
[72] NABIROCHKIN, SERGUEI, FR
[72] BERTRAND, VIVIANE, FR
[71] PHARNEXT, FR
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[25] EN
[54] **PET CHEW TOYS OF RUBBER AND POLYAMIDE**
[54] **JOUETS A MACHER POUR ANIMAL DOMESTIQUE EN CAOUTCHOUC ET POLYAMIDE**
[72] AXELROD, GLEN S., US
[72] GAJRIA, AJAY, IN
[71] T.F.H. PUBLICATIONS, INC., US
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[54] **METHOD AND SYSTEM FOR MAINTAINING OR IMPROVING WELLNESS**
[54] **PROCEDE ET SYSTEME POUR MAINTENIR OU AMELIORER LE BIEN-ETRE**
[72] SHORT, JAY, US
[72] BRIGGS, STEVE, US
[71] IPHENOTYPE LLC, US
[85] 2015-11-23
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[30] US (61/895,974) 2013-10-25
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[54] **USE OF SUSTAINED RELEASE DEXAMETHASONE IN POST-CATARACT SURGERY INFLAMMATION**
[54] **UTILISATION DE LA DEXAMETHASONE A LIBERATION PROLONGEE DANS UNE INFLAMMATION APRES UNE CHIRURGIE DE LA CATARACTE**
[72] WONG, VERNON G., US
[72] WHITE, WILLIAM S., US
[72] HU, MAE W., US
[72] HUANG, GLENN T., US
[72] KARASINA, FAINA, US
[71] ICON BIOSCIENCE, INC., US
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[86] 2014-05-23 (PCT/US2014/039319)
[87] (WO2014/190248)
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[54] **APPARATUS FOR PROPELLING A COIL CLAD HOSE**
[54] **APPAREIL DE PROPULSION D'UN FLEXIBLE REVETU ENROULE**
[72] ZINK, GERALD P., US
[71] STONEAGE, INC., US
[85] 2015-11-23
[86] 2014-05-23 (PCT/US2014/039326)
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[30] US (13/905,969) 2013-05-30
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[25] EN
[54] **HYDROPHOBIC TISSUE ADHESIVES**
[54] **ADHESIFS HYDROPHOBES POUR TISSUS**
[72] KARP, JEFFREY M., US
[72] DEL NIDO, PEDRO, US
[72] LANG, NORA, DE
[72] LANGER, ROBERT S., US
[72] PEREIRA, MARIA JOSE M.N., PT
[72] LEE, YUHAN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED PREDICTION OF VULNERABILITIES IN BIOLOGICAL SAMPLES**
[54] **SYSTEME ET PROCEDE POUR LA PREVISION AUTOMATISEE DE VULNERABILITES DANS DES ECHANTILLONS BIOLOGIQUES**
[72] AKSOY, BULENT ARMAN, US
[72] SANDER, CHRIS, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2015-11-23
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[51] **Int.Cl. G06K 9/00 (2006.01) G06T 7/20 (2006.01)**
[25] EN
[54] **OBJECT TRACKING SYSTEM OPTIMIZATION AND TOOLS**
[54] **OPTIMISATION D'UN SYSTEME DE POURSUITE D'OBJETS, ET OUTILS**
[72] DEANGELIS, DOUGLAS J., US
[72] EVANSEN, EDWARD G., US
[72] REILLY, GERARD M., US
[72] RHODES, BRIAN D., US
[72] GAUDREAU, JOSEPH M., US
[72] SIGEL, KIRK M., US
[72] FARKAS, ALEXANDER T., US
[71] ISOLYNX, LLC, US
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[30] US (61/830,961) 2013-06-04
[30] US (61/900,786) 2013-11-06
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[54] **MODULATION OF TARGETED NERVE FIBERS**

[54] **MODULATION DE FIBRES NERVEUSES CIBLEES**

[72] AZAMIAN, BOBAK ROBERT, US

[72] COE, JONATHAN ALLEN, US

[72] HANSEN, JAMES G., US

[72] HYKES, KEVIN ROBERT, US

[72] MCCRYSTLE, KELLY JUSTIN, US

[72] MOTTA, ROSSANA, US

[72] PERRY, MICHAEL DAVID, US

[72] REULAND, ERIC ROBERT, US

[72] SMITH, SCOTT RAYMOND, US

[72] SUN, VICTOR KELVIN, US

[72] WEBSTER, MARK WILSON IAN, NZ

[72] VAFAI, SCOTT BRADLEY, US

[72] VRBA, ANTHONY CIRO, US

[71] METAVENTION, INC., US

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[54] **TASK ORIENTED PASSWORDS**

[54] **MOTS DE PASSE CENTRES SUR UNE TACHE**

[72] CURTIS, FRED, JR., US

[72] POTTER, TERRY, US

[72] MILOSZEWSKI, STAN, US

[71] PASSTASK, LLC., US

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[54] **METHOD AND SYSTEM FOR CALORIMETRY PROBE**

[54] **PROCEDE ET SYSTEME POUR SONDE CALORIMETRIQUE**

[72] SEUNTJENS, JAN, CA

[72] SARFEHNIA, ARMAN, CA

[72] RENAUD, JAMES, CA

[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA

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[54] **SEMI-INDEPENDENT SUSPENSION SYSTEM FOR A LOW-FLOOR VEHICLE**

[54] **SYSTEME DE SUSPENSION SEMI-INDEPENDANTE POUR VEHICULE A PLANCHER SURBAISSE**

[72] RAYMOND, JEAN, CA

[71] PANTERO TECHNOLOGIES INC., CA

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[87] (WO2014/005215)

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[51] **Int.Cl. B62D 21/00 (2006.01) B21D 51/02 (2006.01) B21D 53/88 (2006.01)**

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[54] **PLANAR SPACE FRAME FOR VEHICLE STRUCTURE AND HOUSING OF COMPONENTS**

[54] **CADRE DE CHASSIS PLAT POUR STRUCTURE DE VEHICULE ET LOGEMENT DE PIECES**

[72] RAYMOND, JEAN, CA

[71] PANTERO TECHNOLOGIES INC., CA

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[51] **Int.Cl. C08L 75/04 (2006.01) C08L 1/02 (2006.01)**

[25] EN

[54] **POLYURETHANE COMPOSITES COMPRISING NANOCRYSTALLINE CELLULOSE AND METHOD FOR IMPROVING PROPERTIES OF POLYURETHANES THEREOF**

[54] **COMPOSITES A BASE DE POLYURETHANE COMPRENANT DE LA CELLULOSE NANOCRISTALLINE ET PROCEDE PERMETTANT D'AMELIORER LES PROPRIETES DES POLYURETHANES**

[72] BERRY, RICHARD, CA

[72] GRANGER, ALAIN, CA

[71] CELLUFORCE INC., CA

[85] 2015-11-24

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[54] **MODULAR PROTEIN DRUG CONJUGATE THERAPEUTIC**

[54] **CONJUGUE THERAPEUTIQUE MODULAIRE PROTEINE-MEDICAMENT**

[72] DIXIT, SURJIT BHIMARAO, CA

[72] NG, GORDON YIU KON, CA

[72] BOONE, THOMAS C., US

[72] GRESSER, MICHAEL JOSEPH, US

[71] ZYMEWORKS INC., CA

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[25] EN
[54] **ABUSE DETERRENT IMMEDIATE RELEASE FORMULATION**
[54] **FORMULATION A LIBERATION IMMEDIATE EMPECHANT LES UTILISATIONS ABUSIVES**
[72] BHANDARI, KRISHNA HARI, CA
[72] TALWAR, NARESH, CA
[71] PHARMASCIENCE INC., CA
[85] 2015-11-24
[86] 2014-05-30 (PCT/CA2014/050506)
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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HETEROMULTIMERS WITH REDUCED OR SILENCED EFFECTOR FUNCTION**
[54] **HETEROMULTIMERES A FONCTION EFFECTRICE REDUITE OU SILENCIEUSE**
[72] ESCOBAR-CABRERA, ERIC, CA
[71] ZYMEWORKS INC., CA
[85] 2015-11-24
[86] 2014-05-30 (PCT/CA2014/050507)
[87] (WO2014/190441)
[30] US (61/829,973) 2013-05-31

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[51] **Int.Cl. F01C 20/18 (2006.01) F01C 20/22 (2006.01)**
[25] EN
[54] **PISTON MACHINE APPARATUS, AND METHOD OF VARYING A VOLUME OF A CHAMBER OF THE APPARATUS**
[54] **APPAREIL DE MACHINE A PISTON, ET PROCEDE DE VARIATION D'UN VOLUME D'UNE CHAMBRE DE L'APPAREIL**
[72] KOROLEV, ALEXANDER, CA
[71] KOROLEV, ALEXANDER, CA
[85] 2015-11-24
[86] 2014-06-09 (PCT/CA2014/000492)
[87] (WO2014/197971)
[30] CA (2818509) 2013-06-14

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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING VOLTAGE OF A FUEL CELL**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE LA TENSION D'UNE PILE A COMBUSTIBLE**
[72] JOOS, NATHANIEL IAN, CA
[72] FORTE, PAOLO, CA
[71] HYDROGENICS CORPORATION, CA
[85] 2015-11-23
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[30] US (61/827,318) 2013-05-24

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[51] **Int.Cl. D06N 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING TEXTILE PRODUCTS, PRODUCTS OBTAINABLE THEREFROM AND METHOD TO RECLAIM THE PRODUCTS**
[54] **PROCEDE DE PRODUCTION DE PRODUITS TEXTILES, PRODUITS POUVANT ETRE OBTENUS A PARTIR DE CELUI-CI ET PROCEDE POUR RECYCLER LES PRODUITS**
[72] TICHELAAAR, MICHEL POUL, NL
[72] KONING, CORNELIS EME, NL
[72] UDDING, JAN HENDERIKUS, NL
[72] WESTERHOF, WILHELMINA, NL
[72] REUTELINGSPERGER, CHRIS, NL
[71] DSM IP ASSETS B.V., NL
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[30] EP (13171237.4) 2013-06-10
[30] EP (13171238.2) 2013-06-10
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[51] **Int.Cl. G01F 15/12 (2006.01) B65G 53/66 (2006.01) G01F 1/74 (2006.01) G01N 15/06 (2006.01)**
[25] EN
[54] **POWDER FLOW MONITOR AND METHOD FOR IN-FLIGHT MEASUREMENT OF A FLOW OF POWDER**
[54] **MONITEUR D'ECOULEMENT DE POUDRE ET PROCEDE DE MESURE EN VOL D'UN ECOULEMENT DE POUDRE**
[72] STANOWSKI, RADOSLAW, CA
[72] BOULOS, MAHER, CA
[71] TEKNA PLASMA SYSTEMS INC., CA
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[86] 2014-05-29 (PCT/CA2014/050501)
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[54] PROCEDE DE PRODUCTION EN CONTINU D'OLIGOMERES DE POLYAMIDE ET DE PRODUCTION DE POLYAMIDES PARTIELLEMENT CRISTALLINS OU AMORPHES APTES A LA TRANSFORMATION THERMOPLASTIQUE	[54] PEPTIDES AYANT DES ACTIVITES D'ANTAGONISTE CONTRE CXCR4 NATUREL	[54] DISPOSITIF ET PROCEDE D'INSERTION D'UN NOYAU DE DECOUPE DANS UN ANNEAU DE DECOUPE
[72] CLAUSS, JOACHIM, DE [72] SCHWIEGK, STEFAN, DE [72] KORY, GAD, DE [72] SCHMIDT, CHRISTIAN, DE [72] WILMS, AXEL, DE [72] RICHTER, FLORIAN, DE [72] ZHU, NING, DE [72] BIEDASEK, SILKE, DE [72] QUEIROZ DA FONSECA, ISA ALEXANDRA, DE [72] SACK, HEINRICH, DE [72] SCHNELLER, ARNOLD, DE [72] STAMMER, ACHIM, DE [72] RAUSCHENBERGER, VOLKER, DE [71] BASF SE, DE [85] 2015-11-24 [86] 2014-06-11 (PCT/EP2014/062103) [87] (WO2014/198757) [30] EP (13171652.4) 2013-06-12	[72] FORSSMANN, WOLF-GEORG, DE [72] KIRCHHOFF, FRANK, DE [72] MUNCH, JAN, DE [72] STANDKER, LUDGER, DE [71] PHARIS BIOTEC GMBH, DE [85] 2015-11-24 [86] 2014-06-12 (PCT/EP2014/062252) [87] (WO2014/198834) [30] EP (13171718.3) 2013-06-12	[72] KNEER, SIMON, DE [72] HOYLER, WOLFGANG, DE [72] HARTL, GERHARD, DE [71] SCHULER PRESSEN GMBH, DE [85] 2015-11-24 [86] 2014-06-17 (PCT/EP2014/062638) [87] (WO2014/202562) [30] DE (10 2013 106 375.6) 2013-06-19
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[54] SEMENCES ENROBEES	[54] SYSTEME ADHESIF BI-COMPOSANT REACTIF SOUS FORME DE FILM	[54] BACTEROIDES CECT 7771 ET LEUR UTILISATION DANS LA PREVENTION ET LE TRAITEMENT DU SURPOIDS, DE L'OBESITE ET DES ALTERATIONS METABOLIQUES ET IMMUNOLOGIQUES
[72] SCHEFFLER, JOCHEN, DE [72] LORTZ, BEATA MARIA, DE [72] RIEGER, THOMAS, DE [72] ALPMANN, LUDGER, DE [72] FEUERSTEIN, ULF, DE [72] DAU, JORN, DE [71] EVONIK DEGUSSA GMBH, DE [85] 2015-11-23 [86] 2014-05-20 (PCT/EP2014/060277) [87] (WO2014/195123) [30] DE (10 2013 210 408.1) 2013-06-05	[72] SCHUMANN, UWE, DE [72] SCHMITZ-STAPELA, DANIEL, DE [72] REITER, SVEN, DE [72] DOLLASE, THILO, DE [71] TESA SE, DE [85] 2015-11-23 [86] 2014-06-05 (PCT/EP2014/061748) [87] (WO2014/202402) [30] DE (10 2013 211 319.6) 2013-06-17 [30] DE (10 2013 222 739.6) 2013-11-08	[54] BACTEROIDES CECT 7771 ET LEUR UTILISATION DANS LA PREVENTION ET LE TRAITEMENT DU SURPOIDS, DE L'OBESITE ET DES ALTERATIONS METABOLIQUES ET IMMUNOLOGIQUES
		[72] SANZ HERRANZ, YOLANDA, ES [72] GAUFFIN CANO, PAOLA, ES [72] SANTACRUZ, YOLANDA ARLETTE, ES [72] MOYA PEREZ, ANGELA, ES [72] LAPARRA LLOPIS, MOISES, ES [71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES [85] 2015-11-24 [86] 2013-05-16 (PCT/ES2013/070309) [87] (WO2013/175038) [30] ES (P201230796) 2012-05-25

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[54] **PANNEAU DE CONSTRUCTION DOTE D'UN SYSTEME DE VERROUILLAGE MECANIQUE**

[72] BOO, CHRISTIAN, SE

[71] VALINGE INNOVATION AB, SE

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[54] **FOOD PRODUCTS WITH YOGURT WHEY**

[54] **PRODUITS ALIMENTAIRES A BASE DE LACTOSERUM DE YOGOURT**

[72] SMITH, ERIKA B., US

[72] WANG, WENYI, US

[72] GHOSH, VIKRAMADITYA, US

[71] GENERAL MILLS, INC., US

[71] SMITH, ERIKA B., US

[71] WANG, WENYI, US

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[54] **METHOD FOR PRESERVING AND STABILISING PROTEINS, WHICH CAN BE USED FOR INDUSTRIAL DEVELOPMENT OF FORMULATIONS OF SANITARY, PHARMACEUTICAL AND COSMETIC PRODUCTS**

[54] **PROCEDE DE CONSERVATION ET DE STABILISATION DE PROTEINES TROUVANT UNE APPLICATION DANS LA PRODUCTION INDUSTRIELLE DE FORMULATIONS DE PRODUITS SANITAIRES, PHARMACEUTIQUES ET COSMETIQUES**

[72] MAYAYO FALO, TEODORO, ES

[71] SANI-RED, S.L., ES

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[54] **METHOD OF MODIFYING POLYMERS**

[54] **PROCEDE DE MODIFICATION DE POLYMERES**

[72] KING, ALISTAIR W. T., FI

[72] SELG, CHRISTOPH, FI

[72] KARHUNEN, PIRKKO, FI

[72] MATIKAINEN, JORMA, FI

[72] KILPELAINEN, ILKKA, FI

[71] METSA FIBRE OY, FI

[71] STORA ENSO OYJ, FI

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[54] **APPAREIL D'HORLOGERIE A CADRAN AMOVIBLE ET INTERCHANGEABLE**

[72] JACOBI, JAMES J., JR., US

[71] JACOBI, JAMES J., JR., US

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[54] **FILTER ELEMENT AND METHOD FOR MANUFACTURING THE FILTER ELEMENT**

[54] **ELEMENT DE FILTRATION ET SON PROCEDE DE FABRICATION**

[72] EKBERG, BJARNE, FI

[72] PALMER, JASON, AU

[71] OUTOTEC (FINLAND) OY, FI

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[54] **MATRICE MUSCULAIRE DECELLARISEE**

[72] XU, HUI, US

[72] WAN, HUA, US

[72] LIAO, I-CHIEN, US

[71] LIFECCELL CORPORATION, US

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[54] **BATTERIE AU NICKEL-FER**
[71] VU, VIET, US
[72] DATTA, AJOY, US
[72] FONTAINE, LUCIEN PAUL, US
[72] PARTH, ANDREW JAMES, US
[71] VU, VIET, US
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[54] **APPAREIL**
[72] MCINTOSH, KIRSTY, GB
[71] SOFTCELL MEDICAL LIMITED, GB
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[54] **SOLID RINSE AID COMPOSITION AND METHOD OF MAKING SAME**
[54] **COMPOSITION D'AIDE AU RINCAGE SOLIDE ET SON PROCEDE DE FABRICATION**
[72] SUN, XIN, US
[72] ANDERSON, DERRICK, US
[72] WEST, KELSEY, US
[72] KIEFFER, JANEL MARIE, US
[72] MAN, VICTOR FUK-PONG, US
[72] HUNTER, MELISSA, US
[71] ECOLAB USA INC., US
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[72] WARD, MALCOLM ANDREW, GB
[72] LIANG, HUI-CHUNG, GB
[72] PIKE, IAN HUGO, GB
[71] ELECTROPHORETICS LIMITED, GB
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[72] BERGAN, HAKON, NO
[71] CAMERON INTERNATIONAL CORPORATION, US
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[72] VOYTAS, DANIEL, US
[72] ZHANG, FENG, US
[72] LI, JIN, US
[72] STODDARD, THOMAS, US
[72] LUO, SONG, US
[71] CELLECTIS, FR
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[54] **COMPOSITIONS COMPRENANT UN CONJUGUE POLYMERE-PROTEINE ET UN POLYMERE REAGISSANT A L'ENVIRONNEMENT ET LEURS UTILISATIONS**
[72] SHACHAF, YONATAN, IL
[72] WECHSLER, AHARON, IL
[71] REGENTIS BIOMATERIALS LTD., IL
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[54] **SYSTEME ET PROCEDE DE PASTEURISATION D'ALIMENTS BASSE TEMPERATURE CONTINU**
[72] STRONG, JOHN R., US
[72] STOCKARD, RICHARD, D., US
[72] HOCKER, JON, A., US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
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MAGNETIC WEIGHTED PERCH
BAR**
[54] **MANGEOIRE A OISEAUX
POSEDANT UN PERCHOIR
MAGNETIQUE LESTE**
[72] GAGE, STEVEN KEITH, US
[72] WONG, STEVE, US
[71] AKERUE INDUSTRIES, LLC, US
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[54] **METHOD AND APPARATUS FOR
TREATING A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR
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[72] ANDERSON, CLAYTON R., US
[72] GARCIA, CESAR G., US
[72] GROGAN, ALISON, US
[72] SESSA, MICHAEL, US
[72] WARD, DAVID, US
[72] BRASSEAU, JASON, US
[72] PALMER, CHRISTOPHER D., US
[71] WEATHERFORD TECHNOLOGY
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[54] **COUPLING FOR RANGE OF PIPE
DIAMETERS**
[54] **ACCOUPLLEMENT POUR UNE
GAMME DE DIAMETRES DE
TUYAUX**
[72] CHIPROOT, AVI, IL
[71] ELIEZER KRAUSZ INDUSTRIAL
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[54] **HYDRAULIC GASKET FOR
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MAKING THE SAME**
[54] **JOINT HYDRAULIQUE POUR
ACCOUPLLEMENT**
[72] CHIPROOT, AVI, IL
[71] ELIEZER KRAUSZ INDUSTRIAL
DEVELOPMENT LTD., IL
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[54] **IRON SUPPLEMENT**
[54] **SUPPLEMENT DE FER**
[72] BORTZ, JONATHAN DAVID, US
[71] AMIP, LLC, US
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[54] **METHOD AND APPARATUS FOR
CALL HANDLING SIGNALING**
[54] **PROCEDE ET APPAREIL DE
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[72] STERMAN, BARUCH, IL
[72] MINTZ, IDO, IL
[72] BIANCO, ITAY, IL
[72] MACHLIN, SAGIE, IL
[71] VONAGE NETWORK LLC, US
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[54] **ELEMENTS STRUCTURAUX
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MITRALE**
[72] CHRISTIANSON, MARK, US
[72] EKVAL, CRAIG, US
[72] VIDLUND, ROBERT, US
[72] TEGELS, ZACHARY, US
[72] PERRIN, CHAD, US
[71] TENDYNE HOLDINGS, INC., US
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[54] **NOUVEAUX COMPOSES ET LEURS UTILISATIONS**

[72] ASKEW, BEN C., US

[72] GOOD, ANDREW, US

[72] ONG, WINSTON ZAPANTA, US

[72] NOWAK, PAWEL WOJCIECH, US

[71] KALA PHARMACEUTICALS, INC., US

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[54] **PENE DORMANT A VOYANT INDICATEUR D'ETAT**

[72] BECK, CHASEN SCOTT, US

[71] SPECTRUM BRANDS, INC., US

[85] 2015-11-24

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[54] **SYSTEMES ET PROCEDES POUR RECOMMANDER DES PRODUITS**

[72] KAPLAN, JULIA, US

[72] QUAN, ALICE AU, US

[72] VON BURIAN, ZOLTAN RAJECZY, US

[71] WAL-MART STORES, INC., US

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[54] **MULTI-SENSOR INFUSION SYSTEM FOR DETECTING AIR OR AN OCCLUSION IN THE INFUSION SYSTEM**

[54] **SYSTEME DE PERFUSION A MULTIPLES CAPTEURS POUR DETECTER LA PRESENCE D'AIR OU D'UNE OCCLUSION DANS LE SYSTEME DE PERFUSION**

[72] ORUKLU, MERIYAN, US

[72] RUCHTI, TIMOTHY L., US

[72] KOTNIK, PAUL T., US

[72] BELKIN, ANATOLY S., US

[72] MARKEY, BRIAN G., US

[71] HOSPIRA, INC., US

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[25] EN

[54] **CEILING FAN WITH MOISTURE PROTECTION FEATURES**

[54] **VENTILATEUR DE PLAFOND DOTE DE CARACTERISTIQUES DE PROTECTION CONTRE L'HUMIDITE**

[72] OLESON, RICHARD A., US

[71] DELTA T CORPORATION, US

[85] 2015-11-24

[86] 2014-05-23 (PCT/US2014/039388)

[87] (WO2014/190285)

[30] US (61/827,291) 2013-05-24

[21] **2,913,444**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR USER AUTHENTICATION**

[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UTILISATEUR**

[72] AUMASSON, JEAN-PHILIPPE, CH

[71] NAGRAVISION S.A., CH

[85] 2015-11-24

[86] 2014-05-19 (PCT/EP2014/060261)

[87] (WO2014/195122)

[30] EP (13170745.7) 2013-06-06

[21] **2,913,446**
[13] A1

[51] **Int.Cl. C08G 69/26 (2006.01)**

[25] EN

[54] **SEMI-AROMATIC COPOLYAMIDES HAVING HIGH GLASS TRANSITION TEMPERATURE AND HIGH DEGREE OF CRYSTALLINITY**

[54] **COPOLYAMIDES SEMI-AROMATIQUES A TEMPERATURE DE TRANSITION VITREUSE ELEVEE ET A TAUX DE CRISTALLINITE ELEVE**

[72] RICHTER, FLORIAN, DE

[72] SCHMIDT, CHRISTIAN, DE

[72] CLAUSS, JOACHIM, DE

[72] SCHWIEGK, STEFAN, DE

[72] WILMS, AXEL, DE

[72] KORY, GAD, DE

[71] BASF SE, DE

[85] 2015-11-24

[86] 2014-06-11 (PCT/EP2014/062114)

[87] (WO2014/198762)

[30] EP (13171659.9) 2013-06-12

[21] **2,913,447**
[13] A1

[51] **Int.Cl. A61K 31/01 (2006.01) A61K 31/366 (2006.01) A61K 31/593 (2006.01) A61K 36/06 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **COMPOSITION HAVING A BENEFICIAL EFFECT ON THE CARDIOVASCULAR SYSTEM, COMPRISING MONACOLIN K, LYCOPENE AND VITAMIN D3**

[54] **COMPOSITION AYANT UN EFFET BENEFIQUE SUR LE SYSTEME CARDIOVASCULAIRE, COMPRENANT DE LA MONACOLINE K, DU LYCOPENE ET DE LA VITAMINE D3**

[72] EIJGELAAR, WOUTER-JAN, NL

[72] SCHOEVERS, PETER ALEXANDER, NL

[72] VIETOR, HENDRIK ENGELBERTUS, NL

[71] ESSENTIAL IP BV, NL

[85] 2015-11-24

[86] 2014-06-19 (PCT/EP2014/062964)

[87] (WO2014/202734)

[30] EP (13173297.6) 2013-06-21

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[21] **2,913,448**
[13] A1

[51] **Int.Cl. B27K 3/34 (2006.01) C08H 8/00 (2010.01) A01N 57/10 (2006.01) A01N 57/16 (2006.01) A01N 57/18 (2006.01) A01N 57/24 (2006.01) B05D 1/18 (2006.01) B05D 7/06 (2006.01) C08B 3/20 (2006.01) C09D 5/14 (2006.01) C09K 21/12 (2006.01)**

[25] EN
[54] **PROTECTION OF WOOD**
[54] **PROTECTION POUR LE BOIS**
[72] KARHUNEN, PIRKKO, FI
[72] MATIKAINEN, JORMA, FI
[72] KYLLONEN, LASSE, FI
[72] AHOLA, PIRJO, FI
[72] KILPELAINEN, ILKKA, FI
[72] KING, ALISTAIR W. T., FI
[71] STORA ENSO OYJ, FI
[71] TIKKURILA OYJ, FI
[71] METSALIITTO OSUUSKUNTA, FI
[85] 2015-11-24
[86] 2014-05-26 (PCT/FI2014/050411)
[87] (WO2014/188080)
[30] FI (20135568) 2013-05-24

[21] **2,913,449**
[13] A1

[51] **Int.Cl. G01B 11/04 (2006.01) A01G 23/08 (2006.01) G01B 11/10 (2006.01)**

[25] EN
[54] **METHOD AND ARRANGEMENT FOR MEASURING TIMBER**
[54] **PROCEDE ET SYSTEME DE MESURE DU BOIS**
[72] EINOLA, KALLE, FI
[72] MIETTINEN, MIKKO, FI
[72] MOILANEN, TUOMO, FI
[71] PONSSE OYJ, FI
[85] 2015-11-24
[86] 2014-06-05 (PCT/FI2014/050456)
[87] (WO2014/195585)
[30] FI (20135625) 2013-06-05

[21] **2,913,450**
[13] A1

[51] **Int.Cl. H01S 5/024 (2006.01) H01S 3/23 (2006.01) H01S 5/022 (2006.01) H01S 5/183 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR MOUNTING A SEMICONDUCTOR DISK LASER (SDL)**
[54] **PROCEDE ET APPAREIL POUR LE MONTAGE D'UN LASER A DISQUE A SEMI-CONDUCTEURS (SDL)**
[72] HAMILTON, CRAIG JAMES, GB
[72] MAKER, GARETH THOMAS, GB
[71] SOLUS TECHNOLOGIES LIMITED, GB
[85] 2015-11-24
[86] 2014-05-30 (PCT/GB2014/051654)
[87] (WO2014/191758)
[30] GB (1309713.4) 2013-05-30

[21] **2,913,451**
[13] A1

[51] **Int.Cl. B25B 21/00 (2006.01) B23P 19/06 (2006.01) B25B 21/02 (2006.01) B25B 23/14 (2006.01)**

[25] EN
[54] **CONTROL DEVICE, CONTROL METHOD, AND CONTROL PROGRAM**
[54] **DISPOSITIF DE COMMANDE, PROCEDE DE COMMANDE ET PROGRAMME DE COMMANDE**
[72] ANDO, SHIRO, JP
[72] ASHIKAGA, MAKOTO, JP
[72] TASAKA, MASAHIRO, JP
[72] RYOTA, HISASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] SANYO MACHINE WORKS, LTD., JP
[85] 2015-11-24
[86] 2014-05-20 (PCT/IB2014/000778)
[87] (WO2014/191802)
[30] JP (2013-110874) 2013-05-27

[21] **2,913,454**
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/192 (2006.01) A61K 31/198 (2006.01) A61K 31/496 (2006.01) A61P 25/00 (2006.01)**

[25] EN
[54] **AUTOIMMUNE-INDUCED GLUTAMATERGIC RECEPTOR DYSFUNCTION METHODS AND TREATMENTS**
[54] **METHODES ET TRAITEMENTS D'UN DYSFONCTIONNEMENT AUTO-IMMUN DU RECEPTEUR GLUTAMATERGIQUE**
[72] HERESCO-LEVY, URIEL, IL
[71] SARAH HERZOG MEMORIAL HOSPITAL-EZRATH NASHIM, IL
[85] 2015-11-24
[86] 2014-05-26 (PCT/IL2014/050474)
[87] (WO2014/191992)
[30] US (61/827,764) 2013-05-28

[21] **2,913,457**
[13] A1

[51] **Int.Cl. E21B 33/03 (2006.01) F16J 15/16 (2006.01) F16J 15/34 (2006.01)**

[25] EN
[54] **SWELLABLE ENERGIZERS FOR OIL AND GAS WELLS**
[54] **ELECTRIFICATEURS DILATABLES POUR DES Puits D'HUILE ET DE GAZ**
[72] PORTA, SANTIAGO GALVEZ, GB
[71] FREUDENBERG OIL & GAS, LLC, US
[85] 2015-11-24
[86] 2014-03-26 (PCT/US2014/031791)
[87] (WO2014/200608)
[30] US (13/914,037) 2013-06-10

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[21] **2,913,458**
[13] A1

[51] **Int.Cl. B05C 11/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THERMAL CONTROL OF FLOW THROUGH A CONDUIT**
[54] **SYSTEME ET PROCEDE POUR LA REGULATION THERMIQUE D'ECOULEMENT A TRAVERS UN CONDUIT**
[72] MARSALEK, DANIEL F., US
[72] BURNS, MARVIN D., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2015-11-24
[86] 2014-05-07 (PCT/US2014/037196)
[87] (WO2014/197159)
[30] US (61/831,529) 2013-06-05
[30] US (14/270,097) 2014-05-05

[21] **2,913,460**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **CROWD PRICING SYSTEM AND METHOD HAVING TIER-BASED RATINGS**
[54] **PROCEDE ET SYSTEME D'ETABLISSEMENT DE PRIX PARTICIPATIF PRESENTANT DES EVALUATIONS PROVENANT DE TIERS**
[72] HIGBIE, COLIN BAIRD, US
[71] HIGBIE, COLIN BAIRD, US
[85] 2015-11-24
[86] 2014-05-27 (PCT/US2014/039528)
[87] (WO2014/193807)
[30] US (61/827,574) 2013-05-25
[30] US (14/286,528) 2014-05-23

[21] **2,913,461**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **TAG SUGGESTIONS FOR IMAGES ON ONLINE SOCIAL NETWORKS**
[54] **SUGGESTION D'ETIQUETTE POUR DES IMAGES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] BARAK, DAN, US
[72] TAIGMAN, YANIV N., US
[72] HIRSCH, GIL, US
[72] VAN DIJK, JORN MARTINUS JOHANNES, US
[72] STOOP, DIRK JOHN, US
[71] FACEBOOK, INC., US
[85] 2015-11-24
[86] 2014-05-29 (PCT/US2014/039893)
[87] (WO2014/194020)
[30] US (13/906,148) 2013-05-30

[21] **2,913,463**
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/70 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR INSERTING AN INTERSPINOUS PROCESS IMPLANT**
[54] **INSTRUMENT POUR L'INSERTION D'UN IMPLANT D'APOPHYSE INTEREPINEUX**
[72] FROCK, MELISSA, US
[72] FROCK, ADAM, US
[71] SPINAL SIMPLICITY LLC, US
[85] 2015-11-24
[86] 2014-05-29 (PCT/US2014/039951)
[87] (WO2014/194046)
[30] US (61/828,384) 2013-05-29

[21] **2,913,466**
[13] A1

[51] **Int.Cl. B29B 17/04 (2006.01) B29B 17/02 (2006.01)**
[25] EN
[54] **BIODEGRADABLE PLASTIC AND MANUFACTURE THEREOF FROM RECYCLABLE PLASTIC**
[54] **PLASTIQUE BIODEGRADABLE ET SA FABRICATION A PARTIR DE PLASTIQUE RECYCLABLE**
[72] DRUMMOND, JEFERSON, US
[71] DRUMMOND, JEFERSON, US
[85] 2015-11-24
[86] 2014-05-30 (PCT/US2014/040276)
[87] (WO2014/194219)
[30] US (61/828,929) 2013-05-30

[21] **2,913,471**
[13] A1

[51] **Int.Cl. H04L 29/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING VISITOR INTERACTIONS**
[54] **PROCEDE ET APPAREIL DE GESTION D'INTERACTIONS DE VISITEURS**
[72] SRI, MATHANGI, IN
[72] REDDY, RAKESH, IN
[72] KANNAN, PALLIPURAM V., US
[71] 24/7 CUSTOMER, INC., US
[85] 2015-11-24
[86] 2014-06-03 (PCT/US2014/040732)
[87] (WO2014/197492)
[30] US (61/830,348) 2013-06-03
[30] US (14/294,005) 2014-06-02

[21] **2,913,472**
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01)**
[25] EN
[54] **ILLUMINATING AIRFLOW PANEL ASSEMBLY**
[54] **ENSEMBLE PANNEAU D'ECLAIRAGE A FLUX D'AIR**
[72] CURSETJEE, ZAREER, US
[72] BAUGH, DAVID L., US
[71] NORTEK AIR SOLUTIONS, LLC, US
[85] 2015-11-24
[86] 2014-05-30 (PCT/US2014/040341)
[87] (WO2014/194258)
[30] US (13/905,812) 2013-05-30

[21] **2,913,474**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DETECTING OPTICAL SIGNALS FROM IMPLANTED SENSORS**
[54] **APPAREIL ET PROCEDES POUR DETECTER DES SIGNAUX OPTIQUES A PARTIR DE CAPTEURS IMPLANTES**
[72] MCMILLAN, WILLIAM A., US
[72] WISNIEWSKI, NATALIE A., US
[72] KINTZ, GREGORY J., US
[71] PROFUSA, INC., US
[85] 2015-11-24
[86] 2014-06-06 (PCT/US2014/041284)
[87] (WO2014/197786)
[30] US (61/832,065) 2013-06-06
[30] US (61/832,078) 2013-06-06

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[21] **2,913,475**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROPAGATING COMBINATION OF SIGNALS FOR OPERATING A CLOSED CIRCUIT E-COMMERCE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE PROPAGER UNE COMBINAISON DE SIGNAUX POUR FAIRE FONCTIONNER UN COMMERCE ELECTRONIQUE A CIRCUIT FERME**
[72] ELBERBAUM, DAVID, JP
[71] ELBEX VIDEO LTD., JP
[85] 2015-11-24
[86] 2014-06-06 (PCT/US2014/041285)
[87] (WO2014/200849)
[30] US (13/916,822) 2013-06-13

[21] **2,913,476**
[13] A1

[51] **Int.Cl. A61K 38/43 (2006.01) A61K 47/48 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS, METHODS, AND DEVICES FOR DIALYSIS**
[54] **COMPOSITIONS, METHODES ET DISPOSITIFS DE DIALYSE**
[72] MARGOLIN, ALEXEY, US
[72] GRUJIC, DANICA, US
[72] PIERZYNOWSKI, STEFAN, SE
[71] ALLENA PHARMACEUTICALS, INC., US
[85] 2015-11-24
[86] 2014-06-06 (PCT/US2014/041318)
[87] (WO2014/197806)
[30] US (61/832,235) 2013-06-07

[21] **2,913,477**
[13] A1

[51] **Int.Cl. A61G 17/06 (2006.01)**
[25] EN
[54] **BODY CONTAINMENT CONSTRUCTION SUITABLE FOR USE WITHIN BIO-CREMATION PROCESSES**
[54] **CONSTRUCTION DE CONFINEMENT D'UN CORPS APPROPRIEE POUR ETRE UTILISEE AU SEIN DE PROCESSUS DE BIO-CREMATION**
[72] FENTON, RENATA, US
[72] LEFEVRE, ANNE-SOFIE, DK
[71] FENTON, RENATA, US
[71] LEFEVRE, ANNE-SOFIE, DK
[85] 2015-11-24
[86] 2014-06-13 (PCT/US2014/042348)
[87] (WO2014/201385)
[30] US (61/834,559) 2013-06-13

[21] **2,913,478**
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/0775 (2010.01) C12N 5/0783 (2010.01)**
[25] EN
[54] **TREHALOSE- AND DEXTRAN-CONTAINING SOLUTION FOR TRANSPLANTING MAMMALIAN CELLS**
[54] **SOLUTION CONTENANT UN TREHALOSE ET UN DEXTRANE POUR LA TRANSPLANTATION DE CELLULES DE MAMMIFERES**
[72] NISHIMURA, MASUHIRO, JP
[72] WADA, TAMAKI, JP
[72] SHIRAKAWA, CHIKAGE, JP
[72] DOI, MASAKO, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2015-11-24
[86] 2014-06-18 (PCT/JP2014/003266)
[87] (WO2014/208053)
[30] JP (2013-137454) 2013-06-28

[21] **2,913,479**
[13] A1

[51] **Int.Cl. B60W 30/04 (2006.01) B60R 99/00 (2009.01) B60F 5/00 (2006.01)**
[25] EN
[54] **MOBILE STABILISATION DEVICE**
[54] **DISPOSITIF DE STABILISATION MOBILE**
[72] RIVARD, LOUIS-PHILIPPE, CA
[71] RIVARD, LOUIS-PHILIPPE, CA
[85] 2015-11-24
[86] 2013-06-25 (PCT/CA2013/000599)
[87] (WO2014/000089)
[30] GB (1211363.5) 2012-06-27

[21] **2,913,480**
[13] A1

[51] **Int.Cl. A47F 11/10 (2006.01) A47F 5/08 (2006.01) A47F 11/06 (2006.01)**
[25] EN
[54] **MODULAR LUMINAIRES FOR APPLIANCE LIGHTING**
[54] **LUMINAIRES MODULAIRES POUR L'ECLAIRAGE D'APPAREIL**
[72] MIEDEMA, GREG, US
[72] BIENICK, CRAIG (DECEASED), US
[71] SCHOTT GEMTRON CORPORATION, US
[85] 2015-11-24
[86] 2014-06-20 (PCT/US2014/043418)
[87] (WO2014/205352)
[30] US (61/837,519) 2013-06-20

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[21] **2,913,481**
[13] A1

[51] **Int.Cl. C09B 43/16 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) B41M 5/50 (2006.01) B41M 5/52 (2006.01) C09B 67/44 (2006.01) C09D 11/00 (2014.01)**

[25] EN

[54] **WATER-SOLUBLE AZO COMPOUND OR SALT THEREOF, INK COMPOSITION, AND COLORED ARTICLE**

[54] **COMPOSE AZOIQUE SOLUBLE DANS L'EAU OU SON SEL, COMPOSITION D'ENCRE, ET ARTICLE COLORE**

[72] TAKEUCHI, RIE, JP
[72] UMEDA, MARIKO, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2015-11-24
[86] 2014-05-30 (PCT/JP2014/064486)
[87] (WO2014/192932)
[30] JP (2013-115407) 2013-05-31
[30] JP (2013-115408) 2013-05-31

[21] **2,913,482**
[13] A1

[51] **Int.Cl. G02B 6/34 (2006.01)**

[25] EN

[54] **FILTER, METHOD FOR PRODUCING FILTER, AND LASER WAVELENGTH MONITORING APPARATUS**

[54] **FILTRE ET SON PROCEDE DE FABRICATION, ET DISPOSITIF DE SURVEILLANCE DE LONGUEUR D'ONDE DE LASER**

[72] ZHOU, MIN, CN
[72] WANG, LEI, CN
[72] LIN, HUAFENG, CN
[72] LIAO, ZHENXING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-11-24
[86] 2013-05-27 (PCT/CN2013/076273)
[87] (WO2014/190473)

[21] **2,913,483**
[13] A1

[51] **Int.Cl. A41D 20/00 (2006.01) A61B 5/0482 (2006.01) G08B 5/36 (2006.01) H05K 3/00 (2006.01) H05K 7/02 (2006.01)**

[25] EN

[54] **BAND WITH CONFORMABLE ELECTRONICS**

[54] **BANDE A ELECTRONIQUE ADAPTABLE**

[72] KEEN, BRYAN, US
[72] RAJ, MILAN, US
[72] HSU, YUNG-YU, US
[72] KALITA, NICHOLAS, US
[72] FENUCCIO, JACOB, US
[72] GUPTA, SANJAY, US
[72] RAFFERTY, CONOR, US
[71] MC10, INC., US
[85] 2015-11-24
[86] 2014-06-23 (PCT/US2014/043627)
[87] (WO2014/205434)
[30] US (61/838,041) 2013-06-21

[21] **2,913,484**
[13] A1

[51] **Int.Cl. A01C 7/10 (2006.01)**

[25] EN

[54] **SEED ENTRAINING SYSTEMS, METHODS AND APPARATUS**

[54] **SYSTEMES, PROCEDES ET APPAREIL D'ENTRAINEMENT DE GRAINES**

[72] SWANSON, TODD, US
[71] PRECISION PLANTING LLC, US
[85] 2015-11-24
[86] 2014-05-30 (PCT/US2014/040347)
[87] (WO2014/194263)
[30] US (61/828,727) 2013-05-30

[21] **2,913,485**
[13] A1

[51] **Int.Cl. A01H 1/02 (2006.01) A01H 4/00 (2006.01)**

[25] EN

[54] **METHOD FOR CONTROLLED GROWTH AND HARVESTING OF POLLEN**

[54] **PROCEDE POUR LA CROISSANCE ET LA RECOLTE DE POLLEN**

[72] COPE, JASON, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2015-11-24
[86] 2014-06-23 (PCT/US2014/043706)
[87] (WO2014/209903)
[30] US (61/838,572) 2013-06-24

[21] **2,913,486**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**

[25] EN

[54] **INFORMATION TRANSMISSION METHOD, BASE STATION, USER EQUIPMENT, AND SYSTEM**

[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS, STATION DE BASE, EQUIPEMENT D'UTILISATEUR, ET SYSTEME**

[72] YU, ZHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-11-24
[86] 2013-05-31 (PCT/CN2013/076540)
[87] (WO2014/190537)

[21] **2,913,487**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/00 (2006.01) C22C 38/60 (2006.01) C21D 9/46 (2006.01)**

[25] EN

[54] **HEAT-TREATED STEEL MATERIAL AND METHOD OF MANUFACTURING THE SAME**

[54] **MATERIAU D'ACIER TRAITE THERMIQUEMENT ET SON PROCEDE DE PRODUCTION**

[72] TABATA, SHINICHIRO, JP
[72] HIKIDA, KAZUO, JP
[72] KOJIMA, NOBUSATO, JP
[72] MIZUI, NAOMITSU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-11-24
[86] 2014-06-06 (PCT/JP2014/065151)
[87] (WO2014/196645)
[30] JP (2013-120973) 2013-06-07

[21] **2,913,488**
[13] A1

[51] **Int.Cl. B67B 3/26 (2006.01)**

[25] EN

[54] **SYSTEM AND APPARATUS FOR CONTROLLING BLISTERING**

[54] **SYSTEME ET APPAREIL D'ELIMINATION DE FORMATION DE CLOQUES**

[72] KELLY, JOSEPH WILLIAM, US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2015-11-24
[86] 2014-06-24 (PCT/US2014/043874)
[87] (WO2014/210006)
[30] US (13/926,572) 2013-06-25

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[21] **2,913,489**
[13] A1

[51] **Int.Cl. A61K 47/10 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/05 (2006.01) A61Q 19/04 (2006.01)**

[25] EN

[54] **COMPOSITION FOR TOPICAL APPLICATION COMPRISING GLYCEROL AND TANNINS**

[54] **COMPOSITION POUR APPLICATION TOPIQUE COMPRENANT DU GLYCEROL ET DES TANINS**

[72] SHRIVASTAVA, REMI, FR
[72] SHRIVASTAVA, LEA, FR
[72] SHRIVASTAVA, RAVI, FR
[71] SHRIVASTAVA, REMI, FR
[71] SHRIVASTAVA, LEA, FR
[85] 2015-11-24
[86] 2013-06-07 (PCT/EP2013/061835)
[87] (WO2014/194966)

[21] **2,913,490**
[13] A1

[51] **Int.Cl. A61K 31/7088 (2006.01) A61P 35/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) C40B 30/00 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) G01N 33/48 (2006.01) C12N 15/113 (2010.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF CANCER USING PD-L1 ISOFORMS**

[54] **COMPOSITIONS ET PROCEDES D'IDENTIFICATION, D'EVALUATION, DE PREVENTION ET DE TRAITEMENT DU CANCER EN UTILISANT DES ISOFORMES PD-L1**

[72] HAMMERMAN, PETER, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2015-11-24
[86] 2014-06-02 (PCT/US2014/040504)
[87] (WO2014/197369)
[30] US (61/831,894) 2013-06-06

[21] **2,913,491**
[13] A1

[51] **Int.Cl. C07D 309/10 (2006.01) A61K 31/351 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **NOVEL COMPOUND DERIVED FROM PLANT OF GENUS QUAMOCLIT AND COMPOSITION CONTAINING SAME AS ACTIVE INGREDIENT FOR PREVENTING OR TREATING DIABETES**

[54] **NOUVEAU COMPOSE DERIVE D'UNE PLANTE DU GENRE QUAMOCLIT ET COMPOSITION LE CONTENANT COMME PRINCIPE ACTIF POUR LA PREVENTION OU LE TRAITEMENT DU DIABETE**

[72] CHUNG, BONG HYUN, KR
[72] LEE, UI JIN, KR
[72] YI, SO YEON, KR
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE, KR
[85] 2015-11-24
[86] 2014-05-26 (PCT/KR2014/004682)
[87] (WO2014/189347)
[30] KR (10-2013-0059270) 2013-05-24

[21] **2,913,492**
[13] A1

[51] **Int.Cl. G01F 22/02 (2006.01) E21B 21/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR IN-SITU FLUID INJECTOR UNIT**

[54] **PROCEDE ET APPAREIL DESTINE A UNE UNITE D'INJECTION DE FLUIDE IN SITU**

[72] PINDIPROLU, SAIRAM KS, IN
[72] GAJJI, BHARGAV, IN
[72] PANGU, GANESH SHRINIWAS, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-24
[86] 2014-07-03 (PCT/US2014/045381)
[87] (WO2015/006159)
[30] US (13/941,047) 2013-07-12

[21] **2,913,493**
[13] A1

[51] **Int.Cl. A23C 19/097 (2006.01) B65D 85/76 (2006.01)**

[25] FR

[54] **CHEESE PORTION AND RELATED PRODUCTION METHOD**

[54] **PORTION DE FROMAGE ET PROCEDE DE PRODUCTION ASSOCIE**

[72] VERNIER, ALEXANDRE, FR
[71] FROMAGERIES BEL, FR
[85] 2015-11-24
[86] 2013-12-20 (PCT/EP2013/077849)
[87] (WO2014/191065)
[30] FR (1354763) 2013-05-27

[21] **2,913,494**
[13] A1

[51] **Int.Cl. F16K 37/00 (2006.01) F15B 19/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR STABILIZING PRESSURE IN AN INTELLIGENT REGULATOR ASSEMBLY**

[54] **PROCEDE ET APPAREIL POUR STABILISER UNE PRESSION DANS UN ENSEMBLE REGULATEUR INTELLIGENT**

[72] LEONARD, CHRISTIAN, DE
[71] TESCOM CORPORATION, US
[85] 2015-11-24
[86] 2014-06-03 (PCT/US2014/040602)
[87] (WO2014/197422)
[30] US (61/830,538) 2013-06-03

[21] **2,913,496**
[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/38 (2006.01)**

[25] EN

[54] **SIMULTANEOUS SOURCING DURING BOTH SEISMIC ACQUISITION AND SEISMIC INVERSION**

[54] **RECHERCHE SIMULTANEE DE SOURCES PENDANT UNE ACQUISITION SISMIQUE ET UNE INVERSION SISMIQUE**

[72] KROHN, CHRISTINE E., US
[72] ROUTH, PARTHA S., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-11-24
[86] 2014-07-11 (PCT/US2014/046361)
[87] (WO2015/026451)
[30] US (61/869,292) 2013-08-23

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[21] **2,913,497**
[13] A1

[51] **Int.Cl. B65G 11/16 (2006.01)**
[25] EN
[54] **AN IMPROVED LINER**
[54] **GARNITURE AMELIOREE**
[72] KISHOR, KAUSHAL, IN
[72] ROY, SAROJ KUMAR, IN
[72] YAVER, IMAM SYED, IN
[72] PANIGRAHI, ARUNLAL, IN
[71] TEGA INDUSTRIES LIMITED, IN
[85] 2015-11-24
[86] 2013-09-09 (PCT/IN2013/000545)
[87] (WO2014/199390)
[30] IN (711/KOL/2013) 2013-06-14

[21] **2,913,498**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 19/18 (2006.01) C08G 69/00 (2006.01)**
[25] EN
[54] **DEVICE FOR THE SYNTHESIS OF A POLYMER WITH EXTRACTION OF A GASEOUS SUBSTANCE, COMPRISING A REACTION CHAMBER HAVING AT LEAST ONE CIRCULAR-CYLINDRICAL SECTION**
[54] **DISPOSITIF DE SYNTHESE D'UN POLYMERE AVEC SEPARATION D'UNE SUBSTANCE GAZEUSE, COMPRENANT UNE CHAMBRE DE REACTION POURVUE D'AU MOINS UNE PARTIE CYLINDRIQUE CIRCULAIRE**
[72] ZHU, NING, DE
[72] STAMMER, ACHIM, DE
[72] CLAUSS, JOACHIM, DE
[72] KORY, GAD, DE
[71] BASF SE, DE
[85] 2015-11-25
[86] 2014-06-11 (PCT/EP2014/062121)
[87] (WO2014/198767)
[30] EP (13171655.7) 2013-06-12

[21] **2,913,499**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01)**
[25] EN
[54] **DOUBLE-STRANDED AGENTS FOR DELIVERING THERAPEUTIC OLIGONUCLEOTIDES**
[54] **AGENTS A DOUBLE BRIN POUR L'ADMINISTRATION D'OLIGONUCLEOTIDES THERAPEUTIQUES**
[72] YOKOTA, TAKANORI, JP
[72] NISHINA, KAZUTAKA, JP
[72] YOSHIOKA, KOTARO, JP
[72] MIZUSAWA, HIDEHIRO, JP
[71] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP
[85] 2015-11-24
[86] 2014-05-30 (PCT/JP2014/002882)
[87] (WO2014/192310)
[30] US (61/829,239) 2013-05-30

[21] **2,913,500**
[13] A1

[51] **Int.Cl. A47F 1/12 (2006.01)**
[25] EN
[54] **MERCHANDISING SYSTEM WITH PUSHER ASSEMBLY**
[54] **SYSTEME DE MARCHANDISATION COMPRENANT ENSEMBLE DE POUSSOIR**
[72] PICHEL, MATTHEW, US
[71] DISPLAY TECHNOLOGIES, US
[85] 2015-11-24
[86] 2014-06-03 (PCT/US2014/040656)
[87] (WO2014/200759)
[30] US (13/915,134) 2013-06-11

[21] **2,913,501**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 19/18 (2006.01) C08G 69/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SYNTHESIS OF A POLYMER UNDER SEPARATION OF A GASEOUS SUBSTANCE**
[54] **DISPOSITIF ET PROCEDE DE SYNTHESE D'UN POLYMERE AVEC SEPARATION D'UNE SUBSTANCE GAZEUSE**
[72] ZHU, NING, DE
[72] STAMMER, ACHIM, DE
[72] CLAUSS, JOACHIM, DE
[72] KORY, GAD, DE
[71] BASF SE, DE
[85] 2015-11-25
[86] 2014-06-11 (PCT/EP2014/062122)
[87] (WO2014/198768)
[30] EP (13171654.0) 2013-06-12

[21] **2,913,502**
[13] A1

[51] **Int.Cl. H02K 3/26 (2006.01)**
[25] EN
[54] **WINDING FOR A ROTATING ELECTRICAL MACHINE AND METHOD FOR DESIGNING SUCH A WINDING**
[54] **ENROULEMENT POUR UNE MACHINE ELECTRIQUE ROTATIVE ET PROCEDE PERMETTANT DE CONCEVOIR UN TEL ENROULEMENT**
[72] DEHEZ, BRUNO, BE
[72] BAUDART, FRANCOIS, BE
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
[85] 2015-11-25
[86] 2014-06-27 (PCT/EP2014/063640)
[87] (WO2014/207174)
[30] EP (13173946.8) 2013-06-27

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[21] **2,913,503**
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01) G06Q 10/00 (2012.01) H04M 1/247 (2006.01)**

[25] EN

[54] **TRANSMISSION TERMINAL, TRANSMISSION SYSTEM, DISPLAY METHOD AND PROGRAM**

[54] **TERMINAL DE TRANSMISSION, SYSTEME DE TRANSMISSION, PROCEDE D'AFFICHAGE ET PROGRAMME**

[72] NAGASE, TATSUYA, JP
[72] KATO, YOSHINAGA, JP
[71] RICOH COMPANY, LTD., JP
[85] 2015-11-24
[86] 2014-06-04 (PCT/JP2014/065393)
[87] (WO2014/196654)
[30] JP (2013-120187) 2013-06-06
[30] JP (2014-078006) 2014-04-04

[21] **2,913,504**
[13] A1

[51] **Int.Cl. C07C 303/22 (2006.01) C07C 309/80 (2006.01) C07C 309/81 (2006.01) C07C 311/48 (2006.01)**

[25] FR

[54] **PROCEDE DE FLUORATION DE COMPOSES HALOGENURES DE SULFONYLE**

[54] **PROCESS FOR FLUORINATING SULFONYL HALIDE COMPOUNDS**

[72] METZ, FRANCOIS, FR
[71] RHODIA OPERATIONS, FR
[85] 2015-11-25
[86] 2014-07-03 (PCT/EP2014/064183)
[87] (WO2015/001020)
[30] FR (1301593) 2013-07-04

[21] **2,913,505**
[13] A1

[51] **Int.Cl. G02B 23/12 (2006.01) G02B 23/14 (2006.01) G02B 25/00 (2006.01)**

[25] EN

[54] **ELECTRONIC EYEBOX**

[54] **BOITIER OCULAIRE ELECTRONIQUE**

[72] SZAPIEL, STANISLAW, CA
[71] RAYTHEON CANADA LIMITED, CA
[85] 2015-11-25
[86] 2014-07-28 (PCT/CA2014/000593)
[87] (WO2015/051441)
[30] US (14/050,887) 2013-10-10

[21] **2,913,506**
[13] A1

[51] **Int.Cl. G06Q 20/12 (2012.01)**

[25] EN

[54] **METHODS SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR ELECTRONIC BILL PAYMENT**

[54] **PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES D'ORDINATEUR POUR UN PAIEMENT DE FACTURE ELECTRONIQUE**

[72] FURBISH, KEVIN, US
[71] INTUIT INC., US
[85] 2015-11-25
[86] 2013-08-23 (PCT/US2013/056516)
[87] (WO2014/193429)
[30] US (13/907,584) 2013-05-31

[21] **2,913,507**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01)**

[25] EN

[54] **COALESCING GEO-FENCE EVENTS**

[54] **COALESCENCE D'EVENEMENTS DE PERIMETRES GEOGRAPHIQUES**

[72] GORGENYI, FRANK, US
[72] ESTRADA ALVA, DANIEL, US
[72] GONZALEZ, FERNANDO, US
[72] SAHA, SANJIB, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2013-09-19 (PCT/US2013/060500)
[87] (WO2014/200523)
[30] US (13/918,818) 2013-06-14

[21] **2,913,508**
[13] A1

[51] **Int.Cl. A62B 35/00 (2006.01) A62B 1/06 (2006.01) A63B 27/00 (2006.01) A63B 29/02 (2006.01)**

[25] EN

[54] **FALL ARRESTER**

[54] **DISPOSITIF D'ARRET DE CHUTE**

[72] HWANG, HAN YOUNG, AU
[71] CAPITAL SAFETY GROUP (AUSTRALIA) PTY LIMITED, AU
[85] 2015-11-25
[86] 2014-06-19 (PCT/AU2014/000635)
[87] (WO2014/205479)
[30] AU (2013902395) 2013-06-28
[30] AU (2013904178) 2013-10-29

[21] **2,913,509**
[13] A1

[51] **Int.Cl. A01N 43/90 (2006.01) A01P 5/00 (2006.01) A01P 7/04 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUNDS AS PEST CONTROL AGENTS**

[54] **COMPOSES HETEROCYCLIQUES UTILISES COMME AGENTS ANTI-NUISIBLES**

[72] CEREZO-GALVEZ, SILVIA, DE
[72] BRETSCHNEIDER, THOMAS (DECEASED), DE
[72] FISCHER, REINER, DE
[72] FUSSELEIN, MARTIN, DE
[72] GRONDAL, CHRISTOPH, DE
[72] JESCHKE, PETER, DE
[72] REINISCH, PETER, DE
[72] GUECLUE, MEHMET, DE
[72] ILG, KERSTIN, DE
[72] LOSEL, PETER, DE
[72] MALSAM, OLGA, DE
[72] VOERSTE, ARND, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2015-11-25
[86] 2014-05-23 (PCT/EP2014/060596)
[87] (WO2014/191301)
[30] EP (13169415.0) 2013-05-28

[21] **2,913,510**
[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 4/02 (2009.01)**

[25] EN

[54] **REDUCED POWER LOCATION DETERMINATIONS FOR DETECTING GEO-FENCES**

[54] **DETERMINATIONS DE POSITIONS VIA DES PROCEDES D'ECONOMIE D'ENERGIE, POUR DETECTER DES GARDIENNAGES VIRTUELS**

[72] NATUCCI, LANNY D., US
[72] SCHNEIDER, JANET L., US
[72] INDERHEES, MARK A., US
[72] DUFALO, ROBERT R., US
[72] KAY, JONATHAN M., US
[72] DEL AMO CASADO, CRISTINA, US
[72] SAHA, SANJIB, US
[72] GONZALEZ, FERNANDO, US
[72] VEGESNA, PRIYANK B., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2013-09-19 (PCT/US2013/060501)
[87] (WO2014/200524)
[30] US (13/918,776) 2013-06-14

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[21] **2,913,511**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01)**
[25] EN
[54] **DETECTING GEO-FENCE EVENTS USING VARYING CONFIDENCE LEVELS**
[54] **DETECTION D'EVENEMENTS DE PERIMETRES GEOGRAPHIQUES EN UTILISANT DES NIVEAUX DE CONFIANCE VARIABLES**
[72] NATUCCI, LANNY D., JR., US
[72] SCHNEIDER, JANET L., US
[72] INDERHEES, MARK A., US
[72] GORGENYI, FRANK, US
[72] HARPER, STUART J., US
[72] DEL AMO CASADO, CRISTINA, US
[72] GONZALEZ, FERNANDO, US
[72] SAHA, SANJIB, US
[72] HEDRICK, SHAUN C., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2013-09-19 (PCT/US2013/060502)
[87] (WO2014/200525)
[30] US (13/918,810) 2013-06-14

[21] **2,913,512**
[13] A1

[51] **Int.Cl. C12N 15/12 (2006.01) C07H 21/04 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTING PROGRESSIVE HEARING LOSS**
[54] **PROCEDES ET COMPOSITIONS POUR DETECTER UNE PERTE AUDITIVE PROGRESSIVE**
[72] YOUNG, TERRY-LYNN, CA
[72] ABDELFAH, NELLY, CA
[72] GRIFFIN, ANNE, CA
[71] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
[85] 2015-11-25
[86] 2014-05-30 (PCT/CA2014/000471)
[87] (WO2014/190422)
[30] US (61/829,050) 2013-05-30

[21] **2,913,513**
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G06F 9/44 (2006.01) G09G 5/12 (2006.01)**
[25] EN
[54] **MANAGING TRANSITIONS OF ADAPTIVE DISPLAY RATES FOR DIFFERENT VIDEO PLAYBACK SCENARIOS**
[54] **GESTION DES TRANSITIONS DE CADENCES D'AFFICHAGES ADAPTATIFS POUR DIFFERENTS SCENARIOS DE LECTURE VIDEO**
[72] WOOD, DANIEL, US
[72] ALEXANDROV, VLAD, US
[72] XU, ZHIGANG, US
[72] MCMULLEN, MAX, US
[72] ANDREWS, MARCUS, US
[72] SORBO, BENNETT, US
[72] BAIOURA, ANDREI, US
[72] LEONOV, MIKHAIL, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2013-09-20 (PCT/US2013/060768)
[87] (WO2014/200534)
[30] US (13/916,623) 2013-06-13

[21] **2,913,515**
[13] A1

[51] **Int.Cl. C02F 3/12 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **METHOD OF BIOLOGICAL WASTEWATER TREATMENT**
[54] **PROCEDE DE TRAITEMENT BIOLOGIQUE DES EAUX USEES**
[72] SLUSARCZYK, JERZY, PL
[71] SLUSARCZYK, JERZY, PL
[85] 2015-11-25
[86] 2014-05-26 (PCT/EP2014/060809)
[87] (WO2014/191345)
[30] PL (P.404087) 2013-05-27

[21] **2,913,517**
[13] A1

[51] **Int.Cl. B61L 15/00 (2006.01) B61L 25/04 (2006.01)**
[25] EN
[54] **WHEELSET SHAFT FOR RAIL VEHICLES**
[54] **ESSIEU POUR VEHICULES FERROVIAIRES**
[72] KOSCHUTNIG, PETER, AT
[72] LEHNER, JURGEN, AT
[72] WIMMER, MARCUS ANTON, AT
[71] SIEMENS AG OSTERREICH, AT
[85] 2015-11-25
[86] 2014-05-08 (PCT/EP2014/059435)
[87] (WO2014/195080)
[30] AT (A50372/2013) 2013-06-05

[21] **2,913,518**
[13] A1

[51] **Int.Cl. B61L 15/00 (2006.01) B61L 25/02 (2006.01) B61L 25/04 (2006.01)**
[25] EN
[54] **MONITORING SYSTEM FOR MONITORING THE AXLES OF UNPOWERED TRANSPORT UNITS**
[54] **SYSTEME DE SURVEILLANCE SERVANT A SURVEILLER LES ESSIEUX D'UNITES DE TRANSPORT NON MOTORISEES**
[72] RONSE, FREDERICK, BE
[71] SPACE2M NV, BE
[85] 2015-11-25
[86] 2014-05-28 (PCT/EP2014/061157)
[87] (WO2014/191508)
[30] EP (13169464.8) 2013-05-28

[21] **2,913,519**
[13] A1

[51] **Int.Cl. B29C 44/34 (2006.01) B29B 7/74 (2006.01) B29C 47/26 (2006.01)**
[25] EN
[54] **EXTRUSION PARISON HEAD FOR DISCONTINUOUS FOAMING**
[54] **TETE DE TUBE D'EXTRUSION POUR LE MOUSSAGE DISCONTINU**
[72] KNIPP, GUIDO, DE
[71] W. MULLER GMBH, DE
[85] 2015-11-25
[86] 2014-06-04 (PCT/EP2014/061533)
[87] (WO2014/195337)
[30] DE (10 2013 105 749.7) 2013-06-04

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[21] **2,913,520**
[13] A1

[51] **Int.Cl. C07C 51/15 (2006.01)**
[25] EN
[54] **SYNTHESIS OF ALPHA, BETA-UNSATURATED CARBOXYLIC ACID (METH)ACRYLATES FROM OLEFINS AND CO2**

[54] **SYNTHESE DE (METH)ACRYLATES D'ACIDES CARBOXYLIQUES ALPHA, BETA-INSATURES A PARTIR D'OLEFINES ET DE CO2**

[72] SCHAFFNER, BENJAMIN, DE
[72] BLUG, MATTHIAS, DE
[72] VOGT, DIETER, GB
[72] HENDRIKSEN, COEN, GB
[72] PIDKO, EVGENY, NL
[71] EVONIK DEGUSSA GMBH, DE
[85] 2015-11-25
[86] 2014-05-12 (PCT/EP2014/059596)
[87] (WO2014/198469)
[30] DE (10 2013 210 840.0) 2013-06-11

[21] **2,913,521**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 4/00 (2006.01) B01J 19/18 (2006.01) B01J 19/20 (2006.01) C08G 69/00 (2006.01)**

[25] EN
[54] **DEVICE FOR SYNTHESIZING A POLYMER WITH REDUCED FORMATION OF DEPOSITS IN THE REACTION CHAMBER**

[54] **DISPOSITIF DE SYNTHESE D'UN POLYMERE PERMETTANT DE REDUIRE LA FORMATION DE DEPOTS DANS LA CHAMBRE DE REACTION**

[72] ZHU, NING, DE
[72] STAMMER, ACHIM, DE
[72] CLAUSS, JOACHIM, DE
[72] WITT, UWE, DE
[72] KORY, GAD, DE
[72] BIEDASEK, SILKE, DE
[71] BASF SE, DE
[85] 2015-11-25
[86] 2014-06-11 (PCT/EP2014/062119)
[87] (WO2014/198766)
[30] EP (13171657.3) 2013-06-12

[21] **2,913,522**
[13] A1

[51] **Int.Cl. B05B 15/12 (2006.01)**
[25] EN
[54] **TRANSPORTABLE BOOTH FOR PAINTING AND CURING VEHICLES**

[54] **ENCEINTE TRANSPORTABLE POUR DES OPERATIONS DE PEINTURE ET DE RETICULATION SUR DES VEHICULES**

[72] UTTING, DAVID JOHN, GB
[71] UTTING, DAVID JOHN, GB
[85] 2015-11-25
[86] 2013-07-25 (PCT/GB2013/051999)
[87] (WO2014/016606)
[30] GB (1213234.6) 2012-07-25
[30] GB (1219589.7) 2012-10-31

[21] **2,913,523**
[13] A1

[51] **Int.Cl. E21C 27/24 (2006.01) E21B 10/633 (2006.01) E21C 35/19 (2006.01)**

[25] EN
[54] **TOOL SUPPORT FOR CUTTING HEADS**

[54] **SUPPORT D'OUTIL POUR TETES DE COUPE**

[72] RASCHKA, JOACHIM, DE
[72] BERGER, STEFAN, DE
[72] ROHWER, JAN, DE
[72] KORTMANN, OLIVER, DE
[71] CATERPILLAR GLOBAL MINING EUROPE GMBH, DE
[85] 2015-11-25
[86] 2014-05-13 (PCT/EP2014/001288)
[87] (WO2014/194979)
[30] EP (13 170 924.8) 2013-06-06

[21] **2,913,524**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/68 (2006.01)**

[25] EN
[54] **METHOD FOR AIDING DIFFERENTIAL DIAGNOSIS OF STROKE**

[54] **PROCEDE POUR FACILITER LE DIAGNOSTIC DIFFERENTIEL D'ACCIDENT VASCULAIRE CEREBRAL**

[72] MCCONNELL, IVAN, GB
[72] LAMONT, JOHN, GB
[72] FITZGERALD, PETER, GB
[72] MAKRIS, KONSTANTINOS, GR
[71] RANDOX LABORATORIES LTD., GB
[85] 2015-11-25
[86] 2014-06-04 (PCT/GB2014/051721)
[87] (WO2014/195698)
[30] GB (1309928.8) 2013-06-04

[21] **2,913,526**
[13] A1

[51] **Int.Cl. F01D 15/10 (2006.01) F02C 7/32 (2006.01) F02K 3/00 (2006.01)**

[25] EN
[54] **JET ENGINE ASSEMBLY AND METHOD FOR GENERATING ELECTRICITY**

[54] **ENSEMBLE MOTEUR A REACTION ET PROCEDE DE GENERATION D'ELECTRICITE**

[72] BLAZER, ROCK O'BRIEN, US
[72] RHYNARD, JOSHUA MARTIN, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2015-11-25
[86] 2013-06-06 (PCT/US2013/044477)
[87] (WO2014/196975)

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[21] **2,913,527**
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F02C 7/04 (2006.01) F02C 9/00 (2006.01) F02K 3/00 (2006.01)**

[25] EN

[54] **ENGINE WITH A THRUST REVERSER LOCKOUT MECHANISM**

[54] **MOTEUR EQUIPE D'UN MECANISME DE VERROUILLAGE D'INVERSEUR DE POUSSEE**

[72] WILLETT, KENNETH R., US

[72] OZANICH, BRENT MICHAEL, US

[72] CONWAY, GEORGE ARNOLD, US

[72] SPIRY, JONATHAN LAREINE, US

[72] BECK, DANIEL PETER, US

[72] LARKIN, JEFFREY MICHAEL, US

[71] GE AVIATION SYSTEMS LLC, US

[85] 2015-11-25

[86] 2013-06-07 (PCT/US2013/044730)

[87] (WO2014/196985)

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[13] A1

[51] **Int.Cl. G01N 29/04 (2006.01) G01N 29/26 (2006.01) G01N 29/28 (2006.01)**

[25] EN

[54] **DEVICE FOR ULTRASONIC INSPECTION**

[54] **DISPOSITIF D'INSPECTION PAR ULTRASONS**

[72] SCACCABAROZZI, LUCA, DE

[72] OBERDOERFER, YORK, DE

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-11-25

[86] 2014-04-17 (PCT/US2014/034475)

[87] (WO2014/193556)

[30] US (13/903,597) 2013-05-28

[21] **2,913,535**
[13] A1

[51] **Int.Cl. C01B 21/088 (2006.01) C01B 21/093 (2006.01) C07C 303/04 (2006.01)**

[25] EN

[54] **SYNTHESIS OF HYDROGEN BIS(FLUOROSULFONYL)IMIDE**

[54] **SYNTHESE DE BIS(FLUOROSULFONYL)IMIDE D'HYDROGENE**

[72] POSHUSTA, JOSEPH CARL, US

[72] MARTIN, JERRY LYNN, US

[72] SINGH, RAJENDRA P., US

[71] COORSTEK FLUORO-CHEMICALS, INC., US

[85] 2015-11-25

[86] 2014-03-24 (PCT/US2014/031540)

[87] (WO2015/012897)

[30] US (13/951,973) 2013-07-26

[21] **2,913,536**
[13] A1

[51] **Int.Cl. C08G 77/56 (2006.01) C04B 35/622 (2006.01) C08G 77/60 (2006.01) C08G 77/62 (2006.01)**

[25] EN

[54] **POLYDISILAZANES PREPARED FROM BORON-CONTAINING ADDITIVES**

[54] **POLYDISILAZANES PREPARES A PARTIR D'ADDITIFS CONTENANT DU BORE**

[72] RUBINSZTAJN, SLAWOMIR, US

[72] LITTLEJOHN, MATTHEW HAL, US

[72] MILLS, RYAN CHRISTOPHER, US

[72] DAVIS, PETER KENNEDY, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-11-25

[86] 2014-04-09 (PCT/US2014/033403)

[87] (WO2014/193545)

[30] US (13/905,732) 2013-05-30

[21] **2,913,537**
[13] A1

[51] **Int.Cl. B29C 70/22 (2006.01) B29B 11/16 (2006.01) B29C 53/60 (2006.01) B29C 70/30 (2006.01) B29C 70/38 (2006.01)**

[25] EN

[54] **FIBER PREFORM ARCHITECTURE FOR COMPOSITE ARTICLES AND METHOD OF FABRICATION**

[54] **ARCHITECTURE DE PREFORME DE FIBRE POUR ARTICLES COMPOSITES, ET PROCEDE DE FABRICATION**

[72] YOON, YOSANG, US

[72] VERMILYEA, MARK ERNEST, US

[72] CHEN-KEAT, TERESA TIASHU, US

[72] XIE, MING, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-11-25

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[87] (WO2014/193646)

[30] US (13/906,127) 2013-05-30

[21] **2,913,538**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01)**

[25] EN

[54] **SOCIAL SENSING AND BEHAVIORAL ANALYSIS SYSTEM**

[54] **SYSTEME D'ANALYSE COMPORTEMENTALE ET DE DETECTION SOCIALE**

[72] OLGUIN OLGUIN, DANIEL, US

[72] JAANU, TUOMAS, FI

[72] HEYMAN, DEREK, US

[72] WABER, BENJAMIN, US

[71] SOCIOMETRIC SOLUTIONS, INC., US

[85] 2015-11-25

[86] 2014-05-15 (PCT/US2014/038035)

[87] (WO2014/197176)

[30] US (61/832,580) 2013-06-07

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[13] A1

[51] **Int.Cl. C10L 1/222 (2006.01) C09K 8/584 (2006.01)**

[25] EN
[54] **ASPHALTENE INHIBITION**
[54] **INHIBITION DE L'ASPHALTENE**
[72] MASTRANGELO, ANTONIO, GB
[72] GREENFIELD, HANNAH, GB
[72] DUNKERLEY, JOHN W., GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2015-11-25
[86] 2014-05-20 (PCT/US2014/038705)
[87] (WO2014/193692)
[30] US (61/827,781) 2013-05-28

[21] **2,913,540**
[13] A1

[51] **Int.Cl. D04C 3/00 (2006.01) A61F 2/00 (2006.01)**

[25] EN
[54] **BRAIDING MACHINE FOR PRODUCING THREE-DIMENSIONAL BRAIDED MATRICES**
[54] **MACHINE A TRESSER POUR PRODUIRE DES MATRICES TRESSEES EN TROIS DIMENSIONS**
[72] DUKE, PATRICK W., US
[72] REILLY, JOSEPH W., US
[71] SOFT TISSUE REGENERATION, INC., US
[85] 2015-11-25
[86] 2014-05-28 (PCT/US2014/039740)
[87] (WO2014/193926)
[30] US (61/829,872) 2013-05-31

[21] **2,913,541**
[13] A1

[51] **Int.Cl. G06T 1/00 (2006.01) A61F 2/00 (2006.01) G06T 5/00 (2006.01)**

[25] EN
[54] **SMART PROSTHESIS FOR FACILITATING ARTIFICIAL VISION USING SCENE ABSTRACTION**
[54] **PROTHESE INTELLIGENTE DESTINEE A FACILITER LA VISION ARTIFICIELLE A L'AIDE D'ABSTRACTION DE SCENE**
[72] CHICHILNISKY, EDUARDO-JOSE, US
[72] GRESCHNER, MARTIN, DE
[72] JEPSON, LAUREN, US
[71] PIXIUM VISION, FR
[85] 2015-11-25
[86] 2014-05-28 (PCT/US2014/039844)
[87] (WO2014/193990)
[30] US (61/828,124) 2013-05-28

[21] **2,913,542**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04N 21/242 (2011.01) G06F 17/00 (2006.01) H04L 12/28 (2006.01)**

[25] EN
[54] **SYNCHRONIZING AN APPLICATION ON A COMPANION DEVICE**
[54] **SYNCHRONISATION D'UNE APPLICATION SUR UN DISPOSITIF AUXILIAIRE**
[72] HENSGEN, DEBRA, US
[72] PIERRE, LUDOVIC, US
[72] GIBSON, MARTIN, US
[72] IYER, NANDINI, US
[72] MENAND, JEAN-RENE, US
[72] RAPPORT, SEBASTIAN, US
[71] OPENTV, INC., US
[85] 2015-11-25
[86] 2014-05-29 (PCT/US2014/040075)
[87] (WO2014/194126)
[30] US (13/905,779) 2013-05-30

[21] **2,913,544**
[13] A1

[51] **Int.Cl. G06F 1/26 (2006.01) G06F 9/48 (2006.01) H01L 23/58 (2006.01) H01M 16/00 (2006.01)**

[25] EN
[54] **ON-CHIP INTEGRATED PROCESSING AND POWER GENERATION**
[54] **TRAITEMENT INTEGRE SUR PUCE ET GENERATION D'ENERGIE**
[72] MCKNIGHT, GREGORY JOSEPH, US
[72] BELADY, CHRISTIAN L., US
[72] RUBENSTEIN, BRANDON AARON, US
[72] JANOUS, BRIAN, US
[72] JAMES, SEAN M., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040114)
[87] (WO2014/200712)
[30] US (13/917,625) 2013-06-13

[21] **2,913,547**
[13] A1

[51] **Int.Cl. A61H 3/00 (2006.01) A61H 3/02 (2006.01) G08C 17/02 (2006.01)**

[25] EN
[54] **USER-COUPLED HUMAN-MACHINE INTERFACE**
[54] **INTERFACE HOMME-MACHINE COUPLEE A UN UTILISATEUR**
[72] KAZEROONI, HOMAYOON, US
[72] JEONG, YOON JUNG, US
[72] KIM, KYUNAM, US
[71] KAZEROONI, HOMAYOON, US
[71] JEONG, YOON JUNG, US
[71] KIM, KYUNAM, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040155)
[87] (WO2014/194163)
[30] US (61/828,885) 2013-05-30

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[13] A1

[51] **Int.Cl. G06F 17/21 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR ORGANIZING PRESENTATION SLIDES**
[54] **SYSTEME AUTOMATIQUE PERMETTANT D'ORGANISER DES DIAPPOSITIVES DE PRESENTATION**
[72] MALONEY, CHRISTOPHER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040159)
[87] (WO2014/197300)
[30] US (13/911,833) 2013-06-06

[21] **2,913,552**
[13] A1

[51] **Int.Cl. A61B 3/103 (2006.01)**
[25] EN
[54] **MODULAR LENS ADAPTERS FOR MOBILE ANTERIOR AND POSTERIOR SEGMENT OPHTHALMOSCOPY**
[54] **BAGUES PORTE-OBJECTIF MODULAIRES POUR OPHTHALMOSCOPIE DES SEGMENTS ANTERIEUR ET POSTERIEUR**
[72] MYUNG, DAVID, US
[72] CHANG, ROBERT TIENHAN, US
[72] HE, LINGMIN, US
[72] NUGENT, ALEX, US
[72] VAN, HUYNH P., US
[72] WONG, IRA G., US
[72] JAIS, ALEXANDRE, US
[72] BLUMENKRANZ, MARK, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040203)
[87] (WO2014/194182)
[30] US (61/829,548) 2013-05-31
[30] US (61/896,011) 2013-10-25

[21] **2,913,576**
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR VELOCITY FUNCTION EXTRACTION FROM THE PHASE OF AMBIENT NOISE**
[54] **DISPOSITIF ET PROCEDE D'EXTRACTION D'UNE FONCTION DE VITESSE A PARTIR DE LA PHASE DU BRUIT AMBIANT**
[72] MEUNIER, JULIEN, FR
[72] BIANCHI, THOMAS, FR
[72] ESPEUTE, FABIEN, FR
[71] CGG SERVICES SA, FR
[85] 2015-11-25
[86] 2014-06-02 (PCT/EP2014/061346)
[87] (WO2014/195257)
[30] US (61/830,196) 2013-06-03
[30] US (61/891,055) 2013-10-15

[21] **2,913,577**
[13] A1

[51] **Int.Cl. F16L 15/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR PRODUCING A THREADED CONNECTION FOR DRILLING AND OPERATING HYDROCARBON WELLS, THREADED CONNECTION, AND METHOD FOR PRODUCING SUCH A THREADED CONNECTION**
[54] **ENSEMBLE PERMETTANT DE REALISER UN RACCORD FILETE A DES FINS DE FORAGE ET D'EXPLOITATION DE Puits D'HYDROCARBURES, RACCORD FILETE, ET PROCEDE PERMETTANT DE REALISER UN TEL RACCORD FILETE**
[72] MARTIN, PIERRE BERNARD, FR
[72] COLIN, SEBASTIEN, FR
[72] MENCAGLIA, XAVIER, FR
[72] RUFFIN, KARINE, FR
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-11-25
[86] 2014-06-17 (PCT/EP2014/062627)
[87] (WO2014/202555)
[30] FR (1355760) 2013-06-19

[21] **2,913,578**
[13] A1

[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/09 (2013.01) G10L 25/90 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING AN ADAPTIVE SPECTRAL SHAPE OF COMFORT NOISE**
[54] **APPAREIL ET PROCEDE POUR GENERER UNE FORME SPECTRALE ADAPTABLE DE BRUIT DE CONFORT**
[72] SCHNABEL, MICHAEL, DE
[72] MARKOVIC, GORAN, DE
[72] SPERSCHNEIDER, RALPH, DE
[72] LECOMTE, JEREMIE, DE
[72] HELMRICH, CHRISTIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-11-25
[86] 2014-06-23 (PCT/EP2014/063173)
[87] (WO2014/202786)
[30] EP (13173154.9) 2013-06-21
[30] EP (14166998.6) 2014-05-05

[21] **2,913,579**
[13] A1

[51] **Int.Cl. F01D 21/00 (2006.01) F02C 7/20 (2006.01)**
[25] FR
[54] **TURBOMACHINE CASING COMPRISING AN ENDOSCOPY PORT**
[54] **CARTER DE TURBOMACHINE COMPORTANT UN ORIFICE D'ENDOSCOPIE**
[72] LEUTARD, FLORENCE IRENE NOELLE, FR
[72] DURAND, DIDIER NOEL, FR
[72] JAMON, THIBAUT, FR
[71] SNECMA, FR
[85] 2015-11-25
[86] 2014-05-28 (PCT/FR2014/051284)
[87] (WO2014/191699)
[30] FR (1354997) 2013-05-31

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[21] **2,913,580**
[13] A1

[51] **Int.Cl. A63F 13/358 (2014.01) A63F 13/35 (2014.01) A63F 13/21 (2014.01) A63F 13/428 (2014.01)**

[25] EN

[54] **COMPUTER PROGRAM, METHOD, AND SYSTEM FOR ENABLING AN INTERACTIVE EVENT AMONG A PLURALITY OF PERSONS**

[54] **PROGRAMME INFORMATIQUE, PROCEDES ET SYSTEME D'ACTIVATION D'UN EVENEMENT INTERACTIF PARMY UNE PLURALITE DE PERSONNES**

[72] TORNQVIST, BJORN, SE

[71] UBISOFT ENTERTAINMENT, S.A., FR

[85] 2015-11-25

[86] 2014-05-27 (PCT/IB2014/001361)

[87] (WO2014/195798)

[30] US (13/912,935) 2013-06-07

[30] US (14/261,964) 2014-04-25

[21] **2,913,581**
[13] A1

[51] **Int.Cl. A41B 11/12 (2006.01)**

[25] EN

[54] **FOOTLET**

[54] **PROTEGE-BAS**

[72] VAN TIEL, CORNELIUS HENDRIKUS NICOLAAS, NL

[72] VAN TIEL, WILHELMUS JACOBUS CORNELIUS, NL

[71] STEPS HOLDING B.V., NL

[85] 2015-11-25

[86] 2014-07-01 (PCT/IB2014/062765)

[87] (WO2015/001482)

[30] NL (2011104) 2013-07-04

[21] **2,913,582**
[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01) A61K 31/40 (2006.01) A61K 39/395 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF RETINAL DEGENERATIVE DISEASES**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES RETINIENNES DEGENERATIVES**

[72] POLLACK, AYALA, IL

[72] DVASHI, ZEEV, IL

[71] MOR RESEARCH APPLICATIONS LTD., IL

[85] 2015-11-25

[86] 2014-05-29 (PCT/IL2014/050485)

[87] (WO2014/192000)

[30] US (61/828,701) 2013-05-30

[21] **2,913,584**
[13] A1

[51] **Int.Cl. A43B 21/42 (2006.01) A43B 3/24 (2006.01)**

[25] EN

[54] **CONVERTIBLE, REMOVABLE AND REPLACEABLE HEEL TRANSFORMATION DEVICE, MECHANISM AND METHODS**

[54] **DISPOSITIF, MECANISME ET PROCEDES DE TRANSFORMATION DE TALON CONVERTIBLE, AMOVIBLE ET REMPLACABLE**

[72] CASTELLANO, CRISTINA, US

[72] GARVER, ALYSSA, US

[72] KWUN, ARTHUR, US

[72] SHARMA, POONAM, US

[71] SPECK DESIGN, US

[71] CASTELLANO, CRISTINA, US

[71] GARVER, ALYSSA, US

[71] KWUN, ARTHUR, US

[71] SHARMA, POONAM, US

[85] 2015-11-25

[86] 2013-03-01 (PCT/US2013/028594)

[87] (WO2013/180771)

[30] US (61/652,193) 2012-05-26

[21] **2,913,585**
[13] A1

[51] **Int.Cl. A01K 5/02 (2006.01) H04N 21/2187 (2011.01)**

[25] EN

[54] **INTERNET CANINE COMMUNICATION DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE POUR COMMUNIQUER AVEC UN CHIEN VIA INTERNET**

[72] DAVIS, ANDREW PETER, US

[71] DAVIS, ANDREW PETER, US

[85] 2015-11-25

[86] 2013-05-31 (PCT/US2013/043704)

[87] (WO2013/181593)

[30] US (61/689,270) 2012-06-02

[21] **2,913,586**
[13] A1

[51] **Int.Cl. F01D 15/10 (2006.01) F02C 6/00 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **TURBOFAN ENGINE WITH GENERATOR**

[54] **REACTEUR A DOUBLE FLUX EQUIPE D'UN GENERATEUR**

[72] JIA, XIAOCHUAN, US

[72] ETTRIDGE, DAVID GRAHAM, GB

[71] GE AVIATION SYSTEMS LLC, US

[85] 2015-11-25

[86] 2013-06-07 (PCT/US2013/044702)

[87] (WO2014/196981)

[21] **2,913,587**
[13] A1

[51] **Int.Cl. E21B 33/127 (2006.01) E21B 23/06 (2006.01)**

[25] EN

[54] **WELL RANGING TOOL AND METHOD**

[54] **OUTIL ET PROCEDE DE TELEMETRIE**

[72] SITKA, MARK A., US

[71] HALLIBURTON ENERGY SERVICES INC., US

[85] 2015-11-25

[86] 2013-07-25 (PCT/US2013/051969)

[87] (WO2015/012831)

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[13] A1

[51] **Int.Cl. G06F 21/36 (2013.01) G06K 7/10 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR AUTHENTICATING A USER TO OPERATE AN ELECTRICAL DEVICE**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AUTHENTIFIER UN UTILISATEUR AFIN QU'IL PUISSE FAIRE FONCTIONNER UN DISPOSITIF ELECTRIQUE**
[72] ADELSON, ALEX M., US
[72] GOVIN-DAVIS, SEBASTIEN, US
[71] NEXTEK POWER SYSTEMS, INC., US
[85] 2015-11-23
[86] 2014-07-29 (PCT/US2014/048551)
[87] (WO2015/020833)
[30] US (61/862,134) 2013-08-05
[30] US (14/444,299) 2014-07-28

[21] **2,913,589**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **LATCH-FREE, LOG-STRUCTURED STORAGE FOR MULTIPLE ACCESS METHODS**
[54] **DISPOSITIF DE STOCKAGE SANS VERROU A JOURNAL STRUCTURE POUR DE MULTIPLE PROCEDES D'ACCES**
[72] LOMET, DAVID B., US
[72] LEVANDOSKI, JUSTIN, US
[72] SENGUPTA, SUDIPTA, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-11-25
[86] 2014-06-20 (PCT/US2014/043299)
[87] (WO2014/205298)
[30] US (13/924,567) 2013-06-22

[21] **2,913,590**
[13] A1

[51] **Int.Cl. B32B 9/02 (2006.01) C08J 5/18 (2006.01) C08L 3/02 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **POLYMER FILM WITH RENEWABLE CONTENT**
[54] **FILM DE POLYMERE A CONTENU RENOUVELABLE**
[72] LEUFGENS, MARKUS, AU
[71] TRISTANO PTY LTD, AU
[85] 2015-11-24
[86] 2014-05-29 (PCT/AU2014/050054)
[87] (WO2014/190395)
[30] AU (2013901913) 2013-05-29

[21] **2,913,591**
[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61F 2/46 (2006.01) B01F 7/04 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **DISPENSING ASSEMBLY HAVING MIXING AND PLUNGING ASSEMBLY, AND RELATED METHODS**
[54] **ENSEMBLE DE DISTRIBUTION AYANT UN ENSEMBLE DE MELANGE ET D'IMMERSION ET PROCEDES ASSOCIES**
[72] ANDERSON, BENJAMIN B., US
[72] GEPPERT, KEVIN C., US
[72] HOOGENAKKER, JON E., US
[72] LOU, HUADONG, US
[72] RZESZUTEK, ZACHARY, US
[72] STEVENSON, MARK, US
[71] NORDSON CORPORATION, US
[85] 2015-11-25
[86] 2014-06-24 (PCT/US2014/043774)
[87] (WO2014/209940)
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[30] US (14/311,945) 2014-06-23

[21] **2,913,592**
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 1/04 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **BICYCLIC DERIVATIVE CONTAINING PYRIMIDINE RING, AND PREPARATION METHOD THEREFOR**
[54] **DERIVE BICYCLIQUE CONTENANT UN CYCLE PYRIMIDINE, ET PROCEDE DE SYNTHESE PERMETTANT DE L'OBTENIR**
[72] SIM, JAE YOUNG, KR
[72] CHA, MYUNG HUN, KR
[72] KIM, TAE KYUN, KR
[72] YOON, YOUNG AE, KR
[72] KIM, DONG HOON, KR
[71] YUHAN CORPORATION, KR
[85] 2015-11-24
[86] 2014-05-23 (PCT/KR2014/004636)
[87] (WO2014/189331)
[30] KR (10-2013-0058843) 2013-05-24

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[13] A1

[51] **Int.Cl. H04W 64/00 (2009.01) G01S 5/02 (2010.01) G01S 5/10 (2006.01)**
[25] EN
[54] **PROVIDING OTDOA PRS ASSISTANCE DATA**
[54] **FOURNITURE DE DONNEES D'ASSISTANCE PRS DE DIFFERENCE DE TEMPS D'ARRIVEE OBSERVEE (OTDOA)**
[72] FISCHER, SVEN, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-11-25
[86] 2014-06-24 (PCT/US2014/043940)
[87] (WO2015/006046)
[30] US (61/845,872) 2013-07-12
[30] US (14/089,738) 2013-11-25

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[13] A1

[51] **Int.Cl. E02D 27/42 (2006.01)**
[25] EN
[54] **CONCRETE FOUNDATION, METHOD FOR PRODUCING A CONCRETE FOUNDATION FOR A WIND POWER TOWER, AND POSITIONING DEVICE FOR POSITIONING JACKET PIPES IN A CONCRETE FOUNDATION**
[54] **FONDATION EN BETON ET PROCEDE DE FABRICATION D'UNE FONDATION EN BETON POUR UNE TOUR D'EOLIENNE AINSI QUE DISPOSITIF DE POSITIONNEMENT DE GAINES DANS UNE FONDATION EN BETON**
[72] MENZEL, JURGEN, DE
[71] MAX BOGL WIND AG, DE
[85] 2015-11-25
[86] 2014-05-28 (PCT/EP2014/001440)
[87] (WO2014/191102)
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[21] **2,913,596**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MARKERS TO PREDICT MACROCYCLIC LACTONE RESISTANCE IN DIROFILARIA IMMITIS, THE CAUSATIVE AGENT OF HEARTWORM DISEASE**
[54] **MARQUEURS DE PREDICTION DE LA RESISTANCE DE DIROFILARIA IMMITIS AUX LACTONES MACROCYCLIQUES, AGENT CAUSAL DE LA FILAIRE**
[72] GEARY, TIMOTHY, CA
[72] PRICHARD, ROGER, CA
[72] BOURGUINAT, CATHERINE, CA
[71] ELANCO US INC., US
[71] MCGILL UNIVERSITY, CA
[85] 2015-11-25
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[87] (WO2014/210097)
[30] US (61/839,545) 2013-06-26

[21] **2,913,601**
[13] A1

[51] **Int.Cl. C21D 1/22 (2006.01) C22C 38/22 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF HIGH-WEAR-RESISTANCE MARTENSITIC CAST STEEL AND STEEL WITH SAID CHARACTERISTICS**
[54] **PROCEDE DE PRODUCTION DE FONTE D'ACIER MARTENSITIQUE A HAUTE RESISTANCE A L'USURE ET ACIER PRESENTANT LESDITES CARACTERISTIQUES**
[72] LEIVA ILLANES, RICARDO, CL
[72] MEUNIER ARTIGAS, RAOUL, CL
[71] COMPANIA ELECTRO METALURGICA S.A., CL
[85] 2015-11-25
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[87] (WO2014/075202)
[30] CL (3184-2012) 2012-11-14

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[13] A1

[51] **Int.Cl. F16H 63/30 (2006.01) F16D 25/06 (2006.01) F16D 25/0638 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACTUATING A MECHANICAL DIODE CLUTCH ASSEMBLY**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ACTIONNER UN ENSEMBLE D'EMBAYAGE A DIODE MECANIQUE**
[72] RASZKOWSKI, JAMES, US
[72] DUNLAP, ROBERT KEITH, US
[72] TURNER, JEREMY, US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-11-23
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[87] (WO2014/204427)

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[13] A1

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[25] EN
[54] **NOVEL BRANCHED OLIGOARYLSILANES AND METHOD FOR PRODUCING SAME**
[54] **NOUVEAUX OLIGO-ARYLSILANES RAMIFIES ET PROCEDE DE LEUR FABRICATION**
[72] PONOMARENKO, SERGEY ANATOLYEVICH, RU
[72] BORSHCHEV, OLEG VALENTINOVICH, RU
[72] SURIN, NIKOLAI MIKHAILOVICH, RU
[72] SKOROTETSKY, MAKSIM SERGEEVICH, RU
[71] "LUMINESCENT INNOVATION TECHNOLOGIES" LIMITED LIABILITY COMPANY, RU
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[86] 2013-06-25 (PCT/RU2013/000540)
[87] (WO2014/196891)
[30] RU (2013126222) 2013-06-07

[21] **2,913,602**
[13] A1

[51] **Int.Cl. B29C 71/00 (2006.01)**
[25] EN
[54] **A CONTINUOUS ROLL-TO-ROLL PROCESS DESIGN FOR VERTICAL ALIGNMENT OF PARTICLES USING ELECTRIC FIELD**
[54] **CONCEPTION DE PROCESSUS ROULEAU-A-ROULEAU CONTINU POUR ALIGNEMENT VERTICAL DE PARTICULES A L'AIDE D'UN CHAMP ELECTRIQUE**
[72] CAKMAK, MUKERREM, US
[72] BATRA, SAURABH, US
[71] THE UNIVERSITY OF AKRON, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040253)
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[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTENT DISTRIBUTION FOR MULTISCREEN VIEWING**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE CONTENU POUR UN AFFICHAGE MULTIECRANS**
[72] XU, YAN, CN
[72] DU, LIN, CN
[72] ZHOU, WEI, CN
[71] THOMSON LICENSING, FR
[85] 2015-11-25
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[87] (WO2014/194489)

[21] **2,913,605**
[13] A1

[51] **Int.Cl. C08J 5/00 (2006.01) C08J 3/21 (2006.01)**
[25] EN
[54] **POLYMERIC COMPOSITE MATERIALS AND METHODS OF MAKING THEM**
[54] **MATERIAUX COMPOSITES POLYMERES ET PROCEDES POUR LES FABRIQUER**
[72] BILODEAU, MICHAEL A., US
[72] SPENDER, JONATHAN, US
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[85] 2015-11-25
[86] 2014-05-30 (PCT/US2014/040268)
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[21] **2,913,608**
[13] A1

[51] **Int.Cl. H04N 5/445 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTENT DISTRIBUTION FOR MULTISCREEN VIEWING**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE CONTENU POUR UN AFFICHAGE MULTIECRANS**
[72] XU, YAN, CN
[72] DU, LIN, CN
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[21] **2,913,611**
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/498 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOPARTICULATE COMPOSITIONS AND FORMULATIONS OF PIPERAZINE COMPOUNDS**
[54] **COMPOSITIONS DE NANOPARTICULES ET FORMULATIONS DE COMPOSES DE PIPERAZINE**
[72] LEE, YOUNG BOK, US
[72] AHN, CHANG-HO, US
[72] KIM, DEOG JOONG, US
[71] REXAHN PHARMACEUTICALS, INC., US
[85] 2015-11-25
[86] 2014-06-27 (PCT/US2014/044714)
[87] (WO2014/210543)
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[13] A1

[51] **Int.Cl. A47C 7/42 (2006.01) A47C 27/00 (2006.01) A61G 5/02 (2006.01)**
[25] EN
[54] **TORSO SUPPORT CUSHION**
[54] **COUSSIN DE SUPPORT DE TORSO**
[72] IZUTSU, TAKAFUMI, JP
[71] YUKI TRADING CO., LTD., JP
[85] 2015-11-25
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[87] (WO2015/118575)

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[13] A1

[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/196 (2014.01) H04N 19/593 (2014.01) H04N 19/93 (2014.01) H04N 19/94 (2014.01) G06T 9/00 (2006.01) G09G 5/06 (2006.01) H04N 1/64 (2006.01)**
[25] EN
[54] **PALETTE PREDICTION IN PALETTE-BASED VIDEO CODING**
[54] **PREDICTION PAR PALETTE DANS UN CODAGE VIDEO BASE SUR UNE PALETTE**
[72] GUO, LIWEI, US
[72] KARCZEWICZ, MARTA, US
[72] SOLE ROJALS, JOEL, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KIM, WOO-SHIK, US
[72] PU, WEI, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-11-25
[86] 2014-07-11 (PCT/US2014/046402)
[87] (WO2015/006724)
[30] US (61/845,824) 2013-07-12
[30] US (61/899,048) 2013-11-01
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[21] **2,913,616**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **DYNAMIC RESPONSE APPARATUS AND METHODS TRIGGERED BY CONDITIONS**
[54] **APPAREIL ET PROCEDES DE REPONSE DYNAMIQUE DECLENCHES PAR DES CONDITIONS**
[72] WHITE, MATTHEW, US
[72] GOODSPEED, KEVIN, US
[71] RYAN DIRECTIONAL SERVICES, US
[85] 2015-11-25
[86] 2014-07-11 (PCT/US2014/046403)
[87] (WO2015/009573)
[30] US (61/846,218) 2013-07-15
[30] US (14/325,600) 2014-07-08

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[13] A1

[51] **Int.Cl. H04N 19/33 (2014.01) H04N 19/436 (2014.01) H04N 19/70 (2014.01)**

[25] EN

[54] **CROSS-LAYER PARALLEL PROCESSING AND OFFSET DELAY PARAMETERS FOR VIDEO CODING**

[54] **TRAITEMENT PARALLELE INTER-COUCHE ET PARAMETRES DE DELAI DE DECALAGE POUR CODAGE VIDEO**

[72] RAPAKA, KRISHNAKANTH, US

[72] WANG, YE-KUI, US

[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US

[71] QUALCOMM INCORPORATED, US

[85] 2015-11-25

[86] 2014-07-15 (PCT/US2014/046597)

[87] (WO2015/009661)

[30] US (61/846,570) 2013-07-15

[30] US (14/330,985) 2014-07-14

[21] **2,913,620**
[13] A1

[51] **Int.Cl. H04W 8/26 (2009.01) H04W 36/00 (2009.01) H04W 60/00 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REDUCED LATENCY DURING INITIAL LINK SETUP**

[54] **SYSTEMES ET PROCEDES DE REDUCTION DU TEMPS DE LATENCE DURANT LA CONFIGURATION INITIALE D'UNE LIAISON**

[72] HAWKES, PHILIP MICHAEL, US

[72] CHERIAN, GEORGE, US

[71] QUALCOMM INCORPORATED, US

[85] 2015-11-25

[86] 2014-07-15 (PCT/US2014/046709)

[87] (WO2015/009729)

[30] US (61/846,536) 2013-07-15

[30] US (61/859,611) 2013-07-29

[30] US (14/331,118) 2014-07-14

[21] **2,913,621**
[13] A1

[51] **Int.Cl. A61K 36/9066 (2006.01) A61K 31/12 (2006.01) A61K 31/7048 (2006.01) A61K 45/06 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR USE IN CARTILAGE BREAKDOWN**

[54] **COMPOSITIONS UTILISEES EN RELATION AVEC LA DEGRADATION CARTILAGINEUSE**

[72] HORCAJADA, MARIE NOELLE, FR

[72] MEMBREZ, FANNY, CH

[72] OFFORD CAVIN, ELIZABETH, CH

[71] NESTEC S.A., CH

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[86] 2014-05-28 (PCT/EP2014/061022)

[87] (WO2014/191448)

[30] EP (13169653.6) 2013-05-29

[21] **2,913,622**
[13] A1

[51] **Int.Cl. A61K 31/7034 (2006.01) A61K 31/7042 (2006.01) A61K 31/7056 (2006.01) A61K 31/706 (2006.01) A61P 1/00 (2006.01) A61P 13/02 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **COMPOUNDS AND METHODS FOR TREATING BACTERIAL INFECTIONS**

[54] **COMPOSES ET METHODES DE TRAITEMENT D'INFECTIONS BACTERIENNES**

[72] JANETKA, JAMES W., US

[72] HAN, ZHENFU, US

[72] HULTGREN, SCOTT, US

[72] PINKNER, JERRY, US

[72] CUSUMANO, CORINNE, US

[71] WASHINGTON UNIVERSITY, US

[85] 2015-11-25

[86] 2014-05-30 (PCT/US2014/040355)

[87] (WO2014/194270)

[30] US (61/828,954) 2013-05-30

[21] **2,913,623**
[13] A1

[51] **Int.Cl. H04N 5/225 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **IMAGE PICKUP SYSTEM, IMAGE PICKUP APPARATUS, AND METHOD OF CONTROLLING THE SAME**

[54] **SYSTEME D'ACQUISITION D'IMAGE, APPAREIL D'ACQUISITION D'IMAGE ET PROCEDE DE COMMANDE ASSOCIE**

[72] NIIDA, MITSUO, JP

[71] CANON KABUSHIKI KAISHA, JP

[85] 2015-11-25

[86] 2014-05-29 (PCT/JP2014/002853)

[87] (WO2014/192302)

[30] JP (2013-115685) 2013-05-31

[30] JP (2013-115687) 2013-05-31

[21] **2,913,624**
[13] A1

[51] **Int.Cl. H04N 5/225 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **IMAGE-CAPTURING APPARATUS, IMAGE PROCESSING APPARATUS, METHOD FOR CONTROLLING IMAGE-CAPTURING APPARATUS, METHOD FOR CONTROLLING IMAGE PROCESSING APPARATUS, AND PROGRAM FOR THE SAME**

[54] **APPAREIL DE CAPTURE D'IMAGES, APPAREIL DE TRAITEMENT D'IMAGES, PROCEDE DE COMMANDE DE L'APPAREIL DE CAPTURE D'IMAGES, PROCEDE DE COMMANDE DE L'APPAREIL DE TRAITEMENT D'IMAGES ET PROGRAMME ASSOCIE**

[72] IWASAKI, TAKAHIRO, JP

[71] CANON KABUSHIKI KAISHA, JP

[85] 2015-11-25

[86] 2014-05-29 (PCT/JP2014/002854)

[87] (WO2014/192303)

[30] JP (2013-115686) 2013-05-31

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[13] A1

[51] **Int.Cl. B09B 5/00 (2006.01) B09C 1/00 (2006.01) C01F 11/46 (2006.01) C02F 11/00 (2006.01)**

[25] EN

[54] **DEBRIS PROCESSING COMPOSITION AND DEBRIS PROCESSING METHOD**

[54] **COMPOSITION DE TRAITEMENT DE DEBRIS ET PROCEDE DE TRAITEMENT DE DEBRIS**

[72] YAMAGUCHI, MASATO, JP

[72] SUGANO, KENICHI, JP

[72] MIURA, SHINICHI, JP

[72] ICHINO, YUSUKE, JP

[71] YOSHINO GYPSUM CO., LTD., JP

[85] 2015-11-25

[86] 2014-03-13 (PCT/JP2014/056775)

[87] (WO2014/192366)

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[13] A1

[51] **Int.Cl. B23B 27/14 (2006.01) B23B 27/20 (2006.01) C04B 35/583 (2006.01) C04B 41/87 (2006.01)**

[25] EN

[54] **SURFACE-COATED BORON NITRIDE SINTERED BODY TOOL**

[54] **OUTIL FRITTE AU NITRURE DE BORE A SURFACE REVETUE**

[72] TSUKIHARA, NOZOMI, JP

[72] OKAMURA, KATSUMI, JP

[72] SETOYAMA, MAKOTO, JP

[71] SUMITOMO ELECTRIC HARDMETAL CORP., JP

[85] 2015-11-25

[86] 2014-06-05 (PCT/JP2014/064957)

[87] (WO2015/001903)

[30] JP (2013-139797) 2013-07-03

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[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/04 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **CONCENTRATED BORATE CROSSLINKING SOLUTIONS FOR USE IN HYDRAULIC FRACTURING OPERATIONS**

[54] **SOLUTIONS DE RETICULATION CONCENTREES DE BORATE A UTILISER DANS DES OPERATIONS DE FRACTURATION HYDRAULIQUE**

[72] DOBSON, JAMES W., JR., US

[72] PIERCE, KIMBERLY A., US

[71] TUCC TECHNOLOGY, LLC, US

[85] 2015-11-25

[86] 2014-06-03 (PCT/US2014/040729)

[87] (WO2014/197491)

[30] US (61/830,374) 2013-06-03

[30] US (14/293,764) 2014-06-02

[21] **2,913,629**
[13] A1

[25] EN

[54] **METHOD FOR THE PRODUCTION OF EDIBLE OBJECTS USING SLS AND FOOD PRODUCTS**

[54] **PROCEDE DE PRODUCTION D'OBJETS COMESTIBLES AU MOYEN DU FSL ET PRODUITS ALIMENTAIRES**

[72] DIAZ, JEROME VILLARAMA, NL

[72] VAN BOMMEL, KJELD JACOBUS CORNELIS, NL

[72] NOORT, MARTIJN WILLEM-JAN, NL

[72] HENKET, JOLANDA, NL

[72] BRIER, PETER, NL

[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL

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[86] 2014-05-27 (PCT/NL2014/050335)

[87] (WO2014/193226)

[30] EP (13169327.7) 2013-05-27

[21] **2,913,630**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/22 (2006.01) A61M 5/32 (2006.01) A61M 39/16 (2006.01)**

[25] EN

[54] **PROPHYLACTIC DRESSING AND USE OF SAME IN THE PREVENTION OF INFECTION**

[54] **PANSEMENT PROPHYLACTIQUE ET SON UTILISATION DANS LA PREVENTION D'UNE INFECTION**

[72] SIMMONS, KATHLEEN A., US

[72] MAYFIELD, WALTER G., US

[72] VALDEZ, DANIEL M., US

[71] GUI GLOBAL PRODUCTS, LTD., US

[85] 2015-11-25

[86] 2014-06-04 (PCT/US2014/040878)

[87] (WO2014/197572)

[30] US (61/831,018) 2013-06-04

[30] US (14/294,945) 2014-06-03

[21] **2,913,632**
[13] A1

[51] **Int.Cl. B22F 3/00 (2006.01) C22B 5/12 (2006.01) C22B 34/36 (2006.01) C22C 35/00 (2006.01)**

[25] EN

[54] **IRON AND MOLYBDENUM CONTAINING COMPACTS**

[54] **COMPRIMES CONTENANT DU FER ET DU MOLYBDENE**

[72] SJOBERG, DAG, SE

[72] ZANDER, BO, SE

[71] AB FERROLEGERINGAR, SE

[85] 2015-11-25

[86] 2014-05-27 (PCT/SE2014/050653)

[87] (WO2014/193298)

[30] SE (1300383-5) 2013-05-27

[21] **2,913,633**
[13] A1

[51] **Int.Cl. C25B 1/12 (2006.01)**

[25] EN

[54] **HEALTH MONITORING OF AN ELECTROCHEMICAL CELL STACK**

[54] **SURVEILLANCE DE SANTE D'UNE PILE DE CELLULES ELECTROCHIMIQUES**

[72] BLANCHET, SCOTT, US

[72] DOMIT, ED, US

[71] NUVERA FUEL CELLS, INC., US

[85] 2015-11-25

[86] 2014-06-05 (PCT/US2014/041091)

[87] (WO2014/197693)

[30] US (61/832,378) 2013-06-07

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[21] **2,913,634**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **SMALL MOLECULE INHIBITORS OF FIBROSIS**
[54] **INHIBITEURS DE FIBROSE A PETITES MOLECULES**
[72] LAIRSON, LUKE, US
[72] BOLLONG, MICHAEL, US
[72] SCHULTZ, PETER G., US
[72] CHATTERJEE, ARNAB K., US
[72] YANG, BAIYUAN, US
[72] KUMAR, PUNEET, US
[72] URKALAN, KAVERI, US
[71] THE CALIFORNIA INSTITUTE FOR BIOMEDICAL RESEARCH, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2015-11-25
[86] 2014-06-05 (PCT/US2014/041174)
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[30] US (61/832,768) 2013-06-07

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[13] A1

[51] **Int.Cl. C11D 3/04 (2006.01) C11D 3/18 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 3/39 (2006.01) C11D 3/43 (2006.01) C11D 3/48 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **AGENT FOR REMOVING STAINS AND DEPOSITS**
[54] **AGENT D'ENLEVEMENT DE TACHES ET DE DEPOTS**
[72] LEIPOLD, JOACHIM, DE
[72] JAESCHKE, EDGAR, DE
[72] SCHIRMER, ANTJE, DE
[71] GETING SOLUTIONS GMBH, DE
[85] 2015-11-23
[86] 2014-06-18 (PCT/EP2014/062799)
[87] (WO2014/202651)
[30] DE (10 2013 106 363.2) 2013-06-18

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[54] **HAPTQUES POUR DISPOSITIFS INTRAOCULAIRES**
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[71] VISIONCARE OPHTHALMIC TECHNOLOGIES INC., US
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[86] 2014-06-16 (PCT/US2014/042457)
[87] (WO2014/204826)
[30] US (13/918,969) 2013-06-16

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[71] VISIONCARE OPHTHALMIC TECHNOLOGIES, INC., US
[85] 2015-11-25
[86] 2014-06-16 (PCT/US2014/042458)
[87] (WO2014/204827)
[30] US (13/918,970) 2013-06-16

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[54] **REGULATION ET MESURE DE PUISSANCE SANS FIL**
[72] DAVIS, BENJAMIN, AU
[72] DAVIS, BARRIE, AU
[71] KORTEK INDUSTRIES PTY LTD, AU
[85] 2015-11-26
[86] 2013-10-08 (PCT/AU2013/001157)
[87] (WO2014/190370)
[30] AU (2013901969) 2013-05-31

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[54] **SOOT CONTROL IN OXIDATION REACTIONS**
[54] **REDUCTION DES SUIES DANS DES REACTIONS D'OXYDATION**
[72] DAMSTEDT, BRADLEY, US
[72] BOOL, LAWRENCE, US
[72] RILEY, MICHAEL, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2015-11-25
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[25] EN
[54] **VIRTUAL OBJECT ORIENTATION AND VISUALIZATION**
[54] **ORIENTATION ET VISUALISATION D'OBJET VIRTUEL**
[72] KEANE, BRIAN E., US
[72] SUGDEN, BEN J., US
[72] CROCCO, ROBERT L., JR., US
[72] DEPTFORD, DANIEL, US
[72] SALTER, TOM G., US
[72] MASSEY, LAURA K., US
[72] KIPMAN, ALEX ABEN-ATHAR, US
[72] KINNEBREW, PETER TOBIAS, US
[72] KAMUDA, NICHOLAS FERIANC, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **TOOL FOR WIRE TYING AND UNTYING**
[54] **OUTIL POUR FORMER ET DEFAIRE DES ATTACHES**
[72] ROMERO ARAGUETE, FRANCISCO, ES
[72] ROMERO ARAGUETE, MANUEL, ES
[71] ROMERO ARAGUETE, FRANCISCO, ES
[71] ROMERO ARAGUETE, MANUEL, ES
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[54] **METHOD OF GENERATING ELECTRIC FIELD FOR MANIPULATING CHARGED PARTICLES**
[54] **PROCEDE DE GENERATION DE CHAMP ELECTRIQUE POUR MANIPULER DES PARTICULES CHARGEES**
[72] HOYES, JOHN BRIAN, GB
[71] MICROMASS UK LIMITED, GB
[85] 2015-11-26
[86] 2014-05-28 (PCT/GB2014/051613)
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[54] **DEVICE AND METHOD FOR IMPROVING HYDRATION OF A BIOMATERIAL**
[54] **DISPOSITIF ET PROCEDE POUR L'AMELIORATION DE L'HYDRATATION D'UN BIOMATERIAU**
[72] GEPPERT, KEVIN C., US
[72] KIRK, THOMAS A., US
[71] NORDSON CORPORATION, US
[85] 2015-11-25
[86] 2014-06-18 (PCT/US2014/042913)
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[54] **DEGRADABLE HAEMOSTAT COMPOSITION**
[54] **COMPOSITION HEMOSTATIQUE DEGRADABLE**
[72] HARDY, CRAIG, GB
[72] HOGGARTH, ANDREW, GB
[72] GLADMAN, JUNE, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
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[86] 2014-05-28 (PCT/GB2014/051624)
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[72] MANN, CHANCE E., US
[72] HAWS, RONALD E., US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
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[25] EN
[54] **SYSTEM AND METHOD TO ASSIGN AN INTERNET PROTOCOL ADDRESS TO A MOBILE DEVICE DURING A HANDOFF**
[54] **SYSTEME ET METHODE D'ATTRIBUTION D'ADRESSE DE PROTOCOLE INTERNET A UN DISPOSITIF MOBILE PENDANT UN TRANSFERT INTERCELLULAIRE**
[72] CHERIAN, GEORGE, US
[72] ABRAHAM, SANTOSH PAUL, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-11-25
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[54] **PROCEDES DE PREPARATION D'UN ROTAVIRUS INACTIVE**
[72] DEKKER, BRENT E., US
[72] HERBERT, JOHN M., US
[72] REIMNITZ, MICHAEL J., US
[71] NOVARTIS TIERGESUNDHEIT AG, CH
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[54] **A SELF-DRILLING ROCK BOLT ASSEMBLY AND METHOD OF INSTALLATION**
[54] **ENSEMBLE BOULON D'ANCRAGE AUTO-FOREUR ET PROCEDE D'INSTALLATION CORRESPONDANT**
[72] LEVEY, MARK, AU
[72] CHARLTON, PAUL, AU
[71] OKA ROCK BOLT TECHNOLOGIES PTY LIMITED, AU
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[86] 2014-05-27 (PCT/AU2014/000558)
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[51] **Int.Cl. F24F 11/00 (2006.01) F25B 31/00 (2006.01) F25B 49/02 (2006.01)**
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[54] **OIL RETURN METHOD FOR MULTIPLE AIR CONDITIONING UNIT IN HEATING**
[54] **PROCEDE DE RETOUR D'HUILE POUR DE MULTIPLES UNITES DE CONDITIONNEMENT D'AIR LORS DU CHAUFFAGE**
[72] HUANG, CHUN, CN
[72] SONG, PEIGANG, CN
[72] LIU, HEXIN, CN
[72] CHEN, ZEBIN, CN
[72] LIU, QUNBO, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
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[72] HOGGARTH, ANDREW, GB
[72] GLADMAN, JUNE, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
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[51] **Int.Cl. B29C 53/60 (2006.01) B29C 33/00 (2006.01)**
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[54] **METHOD FOR MANUFACTURING A FILAMENT-WOUND STRUCTURE AND USE THEREOF**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE A ENROULEMENT DE FILAMENT ET UTILISATION DE LADITE STRUCTURE**
[72] LJUBICIC, DAMIR, DK
[71] FALCK SCHMIDT DEFENCE SYSTEMS A/S, DK
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[54] **OPTIMIZATION AND INDIVIDUALIZATION OF MEDICATION SELECTION AND DOSING**

[54] **OPTIMISATION ET PERSONNALISATION DE SELECTION ET DE DOSAGE DE MEDICAMENTS**

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[72] WENSTRUP, RICHARD J., US

[72] VINKS, ALEXANDER A., US

[72] PESTIAN, JOHN, US

[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US

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[54] **USTENSILE DE CUISSON PAR INDUCTION**

[72] OGASAWARA, FUMITAKA, JP

[72] NOGUCHI, SHINTARO, JP

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[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP

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[54] **STABILITY CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE DE STABILITE**

[72] BEKOSCKE, ROBERT, US

[72] JURKIEWICZ, DAMON, US

[72] FOUGHT, GERALD, US

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[54] **CONNECTEUR A DOUBLE ORIENTATION A CONTACTS EXTERNES**

[72] GOLKO, ALBERT J., US

[72] SCHMIDT, MATHIAS, US

[72] SPRAGGS, IAN, US

[72] FRAZIER, CAMERON, US

[72] JOL, ERIC, US

[72] MINOO, JAHAN C., US

[72] ROTHKOPF, FLETCHER, US

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[72] TERLIZZI, JEFFREY J., US

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[54] **CARTOUCHE ET PROCEDE POUR PREPARER DES BOISSONS**

[72] GOMEZ, MARIA, GB

[72] HALLIDAY, ANDREW, GB

[72] BALLARD, COLIN, GB

[72] PANESAR, SATWINDER, GB

[71] KRAFT FOODS R & D, INC., US

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[54] **APPAREIL ET PROCEDES POUR FOURNIR DU GAZ NATUREL A UN CHAUFFE-EAU DE FRACTURATION**

[72] LA PORTE, CHRISTOPHER, CA

[71] FORCE ENERGY MANAGEMENT CORPORATION, CA

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[54] **MACHINE ELECTRIQUE ET
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[72] MULLIN, PAUL STEVEN, US
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[71] REGAL BELOIT AMERICA, INC., US
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[54] **POLYPEPTIDES CHIMERES DE
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[72] JONES, JENNIFER, US
[71] MONSANTO TECHNOLOGY LLC,
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[54] **AMELIORATIONS SE
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[72] LIU, WEN-JIE, AU
[72] LAVAGNA, LUIS MOSCOSO, AU
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[54] **IMPROVEMENTS RELATING TO
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IMPELLERS**
[54] **AMELIORATIONS SE
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[72] BURGESS, KEVIN EDWARD, AU
[72] LIU, WEN-JIE, AU
[72] LAVAGNA, LUIS MOSCOSO, AU
[71] WEIR MINERALS AUSTRALIA LTD,
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[22] 2009-05-27
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[62] 2,725,539
[30] AU (2008902665) 2008-05-27
[30] AU (2009901137) 2009-03-16

[21] **2,911,958**
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[54] **MOBILE VENEER DRYER**
[54] **SECHOIR DE PLACAGES MOBILE**
[72] SPANGLER, CLINTON, US
[72] BULLION, CONRAD, US
[71] USNR/KOCKUMS CANCAR
COMPANY, US
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[54] **A NOVEL GROUP OF STAT3
PATHWAY INHIBITORS AND
CANCER STEM CELL PATHWAY
INHIBITORS**
[54] **GROUPE INNOVANT
D'INHIBITEURS DE LA VOIE
STAT3 ET D'INHIBITEURS DE LA
VOIE DES CELLULES SOUCHES
CANCEREUSES**
[72] LI, CHIANG JIA, US
[72] JIANG, ZHIWEI, US
[72] ROGOFF, HARRY, US
[72] LI, YOUZHI, US
[72] LIU, JIFENG, US
[72] LI, WEI, US
[71] BOSTON BIOMEDICAL, INC., US
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[54] **REPLACEMENT OF
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[72] TJADER, MICHAEL, US
[71] TT TECHNOLOGIES, INC., US
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[54] **COMPOSITIONS AND METHODS FOR THE SUPPRESSION OF TARGET POLYNUCLEOTIDES FROM LEPIDOPTERA**

[54] **COMPOSITIONS ET PROCEDES POUR SUPPRIMER DES POLYNUCLEOTIDES CIBLES D'UN LEPIDOPTERE**

[72] HERRMANN, RAFAEL, US
[72] LASSNER, MICHAEL, US
[72] LU, ALBERT L., US
[72] NELSON, MARK, US
[72] PRESNAIL, JAMES K., US
[72] RICE, JANET A., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

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[21] **2,912,004**
[13] A1

[51] **Int.Cl. A47C 31/00 (2006.01) A47C 21/00 (2006.01)**

[25] EN

[54] **ACTIVE MATTRESS SPINNER**

[54] **DISPOSITIF ACTIF DE ROTATION DE MATELAS**

[72] SCARLESKI, WILLIAM J., US
[71] LEVITATION SCIENCES LLC, US

[22] 2011-04-29
[41] 2011-11-10
[62] 2,798,219
[30] US (12/772,572) 2010-05-03

[21] **2,912,006**
[13] A1

[51] **Int.Cl. A61F 6/22 (2006.01) A61M 25/00 (2006.01)**

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[54] **OCCLUSION DEVICE AND SYSTEM FOR OCCLUDING A REPRODUCTIVE BODY LUMEN**

[54] **DISPOSITIF ET SYSTEME D'OCCLUSION POUR OBTURER UN PASSAGE CORPOREL DE LA REPRODUCTION**

[72] JIMENEZ, JOSE W., US
[72] MUJWID, JAMES R., US
[72] TREMULIS, WILLIAM S., US
[72] FRIGSTAD, JOHN R., US
[72] JAGGER, KARL A., US
[72] ARNAL, KEVIN R., US
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[13] A1

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[25] EN

[54] **PASSIVE MATTRESS SPINNER**

[54] **DISPOSITIF DE ROTATION DE MATELAS PASSIF**

[72] SCARLESKI, WILLIAM J., US
[71] LEVITATION SCIENCES LLC, US

[22] 2011-04-29
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[54] **MICRONEEDLE TRANSDERMAL DELIVERY DEVICE**

[54] **DISPOSITIF D'ADMINISTRATION TRANSDERMIQUE A MICRO-AIGUILLE**

[72] CHOWDHURY, DEWAN FAZLUL HOQUE, GB
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[54] **LOW LATENCY QUERY ENGINE FOR APACHE HADOOP**

[54] **MOTEUR DE REQUETES A FAIBLE LATENCE POUR APACHE HADOOP**

[72] KORNACKER, MARCEL, US
[72] ERICKSON, JUSTIN, US
[72] ROBINSON, HENRY NOEL, US
[72] CHOI, ALAN, US
[72] BEHM, ALEX, US
[72] LI, NONG, US
[72] KUFF, LENNI, US
[71] CLOUDERA, INC., US

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[54] **MEDICAL DEVICE INCLUDING A SLIDER ASSEMBLY**

[54] **DISPOSITIF MEDICAL COMPRENANT UN COULISSEAU**

[72] YOUNG, DOUGLAS J., US
[72] GRANT, KEVIN L., US
[72] HARRIS, MATTHEW C., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US

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[54] **POWDERED AND LIQUID CHEMICAL DISPENSING AND DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ET DE REPARTITION DE PRODUITS CHIMIQUES PULVERULENTS ET LIQUIDES**
[72] LIVINGSTON, JAMES W., US
[72] STEED, MICHAEL A., US
[72] ALHART, SCOTT D. E., US
[71] DIVERSEY, INC., US
[22] 2007-03-16
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[54] **MAGNETIC FLUID SEAL WITH PRECISE CONTROL OF FLUID VOLUME AT EACH SEAL STAGE**
[54] **JOINT D'ETANCHEITE MAGNETIQUE AVEC COMMANDE PRECISE DU VOLUME DE FLUIDE A CHAQUE STADE D'ETANCHEITE**
[72] MAHONEY, DAVID G., US
[72] HELGELAND, WALTER, US
[71] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US
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[25] EN
[54] **DEVICE AND METHOD FOR HANDLING BIOLOGICAL TISSUES**
[54] **DISPOSITIF ET PROCEDE DE MANIPULATION DE TISSUS BIOLOGIQUES**
[72] PASTERNAK, ALEX, IL
[72] SHAPIRA-SCHWEIZER, KEREN, IL
[72] SCHATZBERGER, SHAIKE, IL
[71] UC-CARE LTD., IL
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[13] A1

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[54] **PLANT DISEASE CONTROL AGENT COMPRISING A TETRAZOLYLOXIME DERIVATIVE**
[54] **AGENT DE CONTROLE DE MALADIE VEGETALE RENFERMANT UN DERIVE DE TETRAZOLYLOXIME**
[72] URIHARA, ICHIROU, JP
[71] NIPPON SODA CO., LTD., JP
[22] 2011-03-14
[41] 2011-09-22
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[30] JP (2010-059638) 2010-03-16

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[25] EN
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[54] **APPAREIL RESPIRATOIRE POUR INHALATION DE GAZ, MUNI D'UN HUMIDIFICATEUR**
[72] KENYON, BARTON JOHN, AU
[72] YEE, ARTHUR KIN-WAI, AU
[72] PRIMROSE, ROHAN NEIL, AU
[72] SAADA, JIM, AU
[72] SNOW, JOHN MICHAEL, AU
[72] SAPULA, MAREK TOMASZ, AU
[72] CRUMBLIN, GEOFFREY, AU
[72] TREVOR-WILSON, DUNCAN LOVEL, AU
[72] LITHGOW, PERRY DAVID, AU
[72] VIRR, ALEXANDER, AU
[72] RICHMOND, DONALD ANGUS, AU
[72] MURRAY, ANDREW CHARLES, AU
[72] PAYNE, MARK JOHN, AU
[72] JEHA, SIMONE MARIE, AU
[71] RESMED LIMITED, AU
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[13] A1

[51] **Int.Cl. C07C 381/00 (2006.01) C07C 323/09 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ARYLSULFUR PENTAFLUORIDES**
[54] **PROCEDE DE PRODUCTION DE PENTAFLUORURES D'ARYLSOUFRE**
[72] UMEMOTO, TERUO, US
[71] UBE INDUSTRIES, LTD., JP
[22] 2008-03-21
[41] 2008-10-02
[62] 2,857,831
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[13] A1

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[72] ARZENO, HUMBERTO
BARTOLOME, US

[72] LEE, GARY M., US

[72] MARTIN, MICHAEL, US

[72] SARMA, KESHAB, US

[72] ZHU, JIANG, US

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

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[54] **ACTIVATEURS ET APPLICATIONS THERAPEUTIQUES DE CEUX-CI**

[72] LAIHO, MARIKKI, FI

[72] PELTONEN, KARITA, FI

[71] THE JOHNS HOPKINS UNIVERSITY, US

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[54] **MANAGEMENT OF COMPUTER SYSTEMS BY USING A HIERARCHY OF AUTONOMIC MANAGEMENT ELEMENTS**

[54] **GESTION DE SYSTEMES INFORMATIQUES EN UTILISANT UNE HIERARCHIE D'ELEMENTS DE GESTION AUTONOME**

[72] SEGUIN, JEAN-MARC L., CA

[72] LITKEY, JAY M., CA

[71] EMBOTICS CORPORATION, CA

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[54] **PROCEDE DE PRODUCTION DE PENTAFLUORURES D'ARYLSOUFRE**

[72] UMEMOTO, TERUO, US

[71] UBE INDUSTRIES, LTD., JP

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[30] US (60/896669) 2007-03-23

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[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND USES OF MATERIALS WITH HIGH ANTIMICROBIAL ACTIVITY AND LOW TOXICITY**

[54] **COMPOSITIONS ET UTILISATIONS DE SUBSTANCES PRESENTANT UNE FORTE ACTIVITE ANTIMICROBIENNE ET UNE FAIBLE TOXICITE**

[72] BEVILACQUA, MICHAEL P., US

[72] BENTITEZ, DIEGO, US

[72] DEMING, TIMOTHY J., US

[72] HANSON, JARROD A., US

[72] KOZIOL, LUCAS, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[71] AMICROBE, INC., US

[22] 2011-08-23

[41] 2012-03-01

[62] 2,809,093

[30] US (61/376,195) 2010-08-23

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[54] **CASSETTE FOR SAMPLE PREPARATION**

[54] **CASSETTE POUR UNE PREPARATION D'ECHANTILLON**

[72] CHING, JESUS, US

[72] HU, DAVID HSIANG, US

[72] YU, STEVE JIA CHANG, US

[72] LEE, PHILLIP YOU FAI, US

[71] LUMINEX CORPORATION, US

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[30] US (60/753,622) 2005-12-22

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[30] US (11/582,651) 2006-10-17

[21] **2,912,241**
[13] A1

[51] **Int.Cl. B65D 25/52 (2006.01)**

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[54] **POUCH FOR INTERNAL MIXTURE OF SEGREGATED REACTANTS AND APPLICATIONS THEREOF**

[54] **POCHE POUR MELANGE INTERNE DE REACTIFS DISSOCIES ET SES APPLICATIONS**

[72] YOUNG, DANIEL, US

[71] FOREVER YOUNG INTERNATIONAL, INC., US

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[41] 2010-09-23

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[51] **Int.Cl. C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12N 9/48 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **TRUNCATED FRAGMENTS OF ALPHA-SYNUCLEIN IN LEWY BODY DISEASE**

[54] **FRAGMENTS TRONQUES D'ALPHA-SYNUCLEINE DANS LES AFFECTIONS A CORPS DE LEWY**

[72] CHILCOTE, TAMIE J., US

[72] GOLDSTEIN, JASON, US

[72] ANDERSON, JOHN P., US

[72] WALKER, DONALD, US

[71] ELAN PHARMACEUTICALS, LLC, US

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[30] US (10/969,335) 2004-10-19

[30] US (11/194,115) 2005-07-29

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[51] **Int.Cl. E21B 43/25 (2006.01) E21B 43/22 (2006.01) E21B 47/12 (2012.01)**

[25] EN

[54] **DOWNHOLE DELIVERY OF CHEMICALS WITH A MICRO-TUBING SYSTEM**

[54] **APPORT D'AGENTS CHIMIQUES DANS UN SONDAGE POURVU D'UN SYSTEME A MICROCOLONNE DE PRODUCTION**

[72] SAMUEL, MATHEW M., US

[72] CHIZELLE, YAN KUHN DE, US

[72] PIPCHUK, DOUGLAS, US

[72] WILLIAMSON, DON, US

[72] MIRAKYAN, ANDREY, US

[72] LADVA, HEMANT K.J., US

[72] HUTCHINS, RICHARD D., US

[71] SCHLUMBERGER CANADA LIMITED, CA

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[13] A1

[51] **Int.Cl. A61K 35/28 (2015.01) A61K 31/734 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01)**

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[54] **COMPOSITION FOR TREATMENT OF CARTILAGE DISEASE**

[54] **COMPOSITION POUR LE TRAITEMENT D'UNE MALADIE DE CARTILAGE**

[72] IWASAKI, NORIMASA, JP

[72] MINAMI, AKIO, JP

[72] KASAHARA, YASUHIKO, JP

[72] IGARASHI, TATSUYA, JP

[72] KAWAMURA, DAISUKE, JP

[72] KASAHARA, FUMIYOSHI, JP

[72] MIYAJIMA, CHIHIRO, JP

[72] OHZAWA, NOBUO, JP

[72] IMAI, MARIKO, JP

[71] MOCHIDA PHARMACEUTICAL CO. LTD., JP

[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP

[22] 2008-02-21

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[30] JP (2007-041520) 2007-02-21

[30] JP (2007-277005) 2007-10-24

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[13] A1

[51] **Int.Cl. A61K 38/45 (2006.01) A61K 35/76 (2015.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**

[25] EN

[54] **PROMOTERS EXHIBITING ENDOTHELIAL CELL SPECIFICITY AND METHODS OF USING SAME FOR REGULATION OF ANGIOGENESIS**

[54] **PROMOTEURS PRESENTANT UNE SPECIFICITE CELLULAIRE ENDOTHELIALE ET LEURS METHODES D'UTILISATION POUR REGULER L'ANGIOGENESE**

[72] HARATS, DROR, IL

[72] GREENBERGER, SHOSHANA, IL

[72] BREITBART, EYAL, IL

[72] BANGIO, LIVNAT, IL

[72] PELED, MICHAEL, IL

[71] VASCULAR BIOGENICS LTD., IL

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[21] **2,913,167**
[13] A1

[51] **Int.Cl. H04L 12/721 (2013.01) H04L 12/947 (2013.01) H04L 12/24 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR IMPLEMENTING AND MANAGING VIRTUAL SWITCHES**

[54] **PROCEDE ET APPAREIL DESTINES A METTRE EN APPLICATION ET A GERER DES COMMUTATEURS VIRTUELS**

[72] CASADO, MARTIN, US

[72] INGRAM, PAUL S., US

[72] AMIDON, KEITH ERIC, US

[72] BALLAND, PETER J., III, US

[72] KOPONEN, TEEMU, US

[72] PFAFF, BENJAMIN LEVY, US

[72] PETTIT, JUSTIN, US

[72] GROSS, JESSE E., IV, US

[72] WENDLANDT, DANIEL J., US

[71] NICIRA, INC., US

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[62] 2,756,289

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[13] A1

[51] **Int.Cl. H04B 17/309 (2015.01) H04W 4/02 (2009.01) H04W 12/06 (2009.01) H04B 17/373 (2015.01)**

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[54] **SENSING PROXIMITY UTILIZING A WIRELESS RADIO SUBSYSTEM**

[54] **DETECTION DE PROXIMITE AU MOYEN D'UN SOUS-SYSTEME RADIO SANS FIL**

[72] MAGUIRE, YAEL, US

[71] FACEBOOK, INC., US

[22] 2014-02-26

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[13] A1
[51] **Int.Cl. H04N 21/258 (2011.01) H04H
60/29 (2009.01) H04N 21/431
(2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **PROGRAM GUIDE SYSTEM WITH
MONITORING OF
ADVERTISEMENT USAGE AND
USER ACTIVITIES**
[54] **SYSTEME GUIDE D'EMISSIONS
TELEVISEES PERMETTANT DE
CONTROLLER L'UTILISATION
DES ANNONCES ET LES
ACTIVITES DES UTILISATEURS**
[72] THOMAS, WILLIAM L., US
[72] HASSELL, JOEL G., US
[72] KNUDSON, EDWARD B., US
[72] MARSHALL, CONNIE T., US
[72] LEMMONS, THOMAS R., US
[72] BOYER, FRANKLIN E., US
[72] BEREZOWSKI, DAVID M., US
[72] KERN, DONALD C., US
[72] ELLIS, MICHAEL D., US
[71] ROVI GUIDES, INC., US
[22] 1999-02-25
[41] 1999-09-10
[62] 2,632,667
[30] US (09/034,939) 1998-03-04
[30] US (60/085,607) 1998-05-15
[30] US (09/139,798) 1998-08-25

[21] **2,913,529**
[13] A1
[51] **Int.Cl. G01N 27/62 (2006.01) H01J
49/10 (2006.01)**
[25] EN
[54] **ION MOBILITY
SPECTROMETERS**
[54] **SPECTROMETRES DE MOBILITE
IONIQUE**
[72] ATKINSON, JONATHAN RICHARD,
GB
[71] SMITHS DETECTION-WATERFORD
LIMITED, GB
[22] 2008-03-06
[41] 2008-09-18
[62] 2,680,077
[30] GB (0704547.9) 2007-03-09

[21] **2,913,566**
[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **METHOD OF GENERATING
RECONSTRUCTED BLOCK
PROCEDE DE GENERATION DE
BLOC RECONSTRUIT**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[71] INFOBRIDGE PTE. LTD., SG
[22] 2012-11-02
[41] 2013-05-10
[62] 2,849,028
[30] KR (10-2011-0114609) 2011-11-04

Index of Canadian Patents Issued

December 15, 2015

Index des brevets canadiens délivrés

15 décembre 2015

3M INNOVATIVE PROPERTIES COMPANY	2,691,249	ANDERSEN, TORBEN BENT	2,813,515	BALAN, VENKATESH	2,797,193
9163-9047 QUEBEC INC.	2,759,087	ANDERSON, DAVID Z.	2,837,510	BALASUBRAMANIAN, SRINIVASAN	2,739,800
ABAD, CARLOS	2,635,868	ANDERSSON, PER OLA	2,758,063	BALLOU, DANIEL	2,785,813
ABB TECHNOLOGY LTD	2,701,063	ANDRITZ INC.	2,638,196	BANTING, JOHN FREDERICK	2,703,521
ABBVIE DEUTSCHLAND GMBH & CO KG	2,542,171	ANG, WENDY	2,727,966	BARNETT, ROBERT W.	2,733,476
ABRAHAMSSON, BERTIL	2,633,081	ANGIOMED GMBH & CO. MEDIZINTECHNIK KG	2,652,214	BARRETT, JOHN	2,600,675
ACCENTURE GLOBAL SERVICES LIMITED	2,600,101	ANIDHARAN, THANU	2,708,971	BARTUSIAK, JOSEPH T.	2,691,249
ACCENTURE GLOBAL SERVICES LIMITED	2,711,279	ANSHUMALI	2,592,392	BASER, BELGIN	2,635,868
ACCO BRANDS USA LLC	2,564,581	ANTOVICH, ZACHARY	2,603,605	BASKI, HENRY A.	2,835,128
ADAMS, THOMAS E.	2,653,942	APEX BRANDS, INC.	2,756,360	BASKI, INC.	2,835,128
ADAPTIMMUNE LIMITED	2,813,515	APPLE INC.	2,797,500	BASLER, HERMANN	2,756,358
ADVANCED SCIENTIFIC DEVELOPMENTS	2,606,875	APPS, WILLIAM P.	2,650,110	BAUER, THEODORE	2,733,476
AEROJET ROCKETDYNE OF DE, INC.	2,605,858	ARCELORMITTAL		BAYERLEIN, DOUGLAS G.	2,793,263
AESYNT INCORPORATED	2,409,131	MAIZIERES RESEARCH SA	2,813,550	BCE INC	2,572,078
AFFINERGY, INC.	2,703,482	ARCHIBALD, EVERETT EDGAR, JR.	2,757,826	BECHTEL, MICHAEL EDWARD	2,711,279
AFL TELECOMMUNICATIONS LLC	2,711,418	ARES TRADING S.A.	2,809,776	BECTON, DICKINSON AND COMPANY	2,835,987
AFL TELECOMMUNICATIONS LLC	2,729,140	ARKEMA FRANCE	2,810,019	BEDNAR, RICHARD L.	2,716,632
AFL TELECOMMUNICATIONS LLC	2,755,337	ARMBRUSTER, DAVID A.	2,625,264	BEGIN, ANTHONY	2,838,419
AFSHAR, SHAHRIAR S.	2,619,666	ARMSTRONG, JOHN	2,881,713	BELL HELICOPTER TEXTRON INC.	2,675,999
AGRAWAL, RAJAT	2,833,354	ARTAL, PABLO	2,627,666	BENITEC, INC.	2,596,711
AGRAWAL, SUDHIR	2,423,487	ARTZNER, LAURENT	2,658,981	BENSON, R. EDWARD	2,703,482
AHLFORS, JAN-ERIC W.	2,627,288	ARVANITIS, ARGYRIOS G.	2,673,038	BERGERY, GUILLAUME B.	2,671,189
AIRCELLE	2,696,763	ASAHI KASEI CHEMICALS CORPORATION	2,806,533	BERTHET, PIERRE	2,766,777
ALBERT, THOMAS	2,699,835	ASHKAR, FAZL A.	2,644,091	BERTKE, BRIAN D.	2,543,272
ALCOA INC.	2,696,919	ASKIN, ALBERT L.	2,696,919	BERUBE, ERIC	2,738,518
ALCOA INC.	2,849,759	ASPID, S.A. DE C.V.	2,733,681	BESKITT, WILLIAM D.	2,733,476
ALCOA INC.	2,856,369	ASTRAZENECA AB	2,690,856	BEURDELEY, PATRICIA	2,810,019
ALHART, SCOTT D. E.	2,647,627	AUDZEVICH, TATSIANA	2,796,171	BHAGWAT, SHRIPAD	2,696,776
ALI, SHIROOK	2,777,064	AULICH, TED	2,811,095	BIBR, VIERA	2,785,391
ALLOUCHE, EREZ	2,815,495	AVG NETHERLANDS B.V.	2,735,545	BIOGEN MA INC.	2,652,815
ALSTOM TECHNOLOGY LTD	2,739,844	AYNSLEY, RICHARD M.	2,737,390	BIOINTEGRENCE INC.	2,624,424
ALSTOM TECHNOLOGY LTD	2,821,108	AZEVAN PHARMACEUTICALS, INC.	2,615,813	BIOKIT, S.A.	2,570,133
ALSTOM TECHNOLOGY LTD	2,823,956	BAANTO INTERNATIONAL LTD.	2,737,730	BLACKBERRY LIMITED	2,746,611
ALSTOM TECHNOLOGY LTD	2,824,149	BACHUS, HERBERT	2,670,743	BLACKBERRY LIMITED	2,765,555
ALSTOM TECHNOLOGY LTD	2,829,216	BAKER HUGHES INCOPORATED	2,834,715	BLACKBERRY LIMITED	2,769,130
ALSTOM TRANSPORT TECHNOLOGIES	2,682,820	BAKER HUGHES INCORPORATED	2,800,516	BLACKBERRY LIMITED	2,771,385
ALSTOM TRANSPORT TECHNOLOGIES	2,682,931	BAKER HUGHES INCORPORATED	2,800,873	BLACKBERRY LIMITED	2,776,092
AMBIT BIOSCIENCES CORPORATION	2,696,776	BAKER HUGHES INCORPORATED	2,816,676	BLACKBERRY LIMITED	2,777,064
AMERICAN GREETINGS CORPORATION	2,838,419	BAKER HUGHES INCORPORATED	2,837,510	BLACKBERRY LIMITED	2,779,856
AMO GRONINGEN B.V.	2,627,666	BAKER, DAVID	2,733,476	BLACKBERRY LIMITED	2,785,391
AMS RESEARCH CORPORATION	2,733,139	BAKER, GERALD	2,844,679	BLACKBERRY LIMITED	2,803,126
		BAKER, KENNETH R.	2,710,139	BLACKBERRY LIMITED	2,818,639
		BAKR, MOHAMED	2,777,064	BLANCHARD-DESCE, MIREILLE	2,636,892
				BLANCHETTE, DOMINIC	2,799,982
				BLINCOE, PATRICK STEPHEN	2,795,146
				BLOCK, ANDREAS	2,652,214
				BLUM, RENE VINZENZ	2,679,307
				BOA-FRANC	2,828,743

Index of Canadian Patents Issued December 15, 2015

BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY	2,797,193	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)	2,666,828	CONOCOPHILLIPS COMPANY	2,696,512
BOCCHI, MONICA	2,676,849	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,791,156	CONOCOPHILLIPS COMPANY	2,828,623
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,693,548	CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA	2,622,827	COOK, ALEXANDER	2,667,877
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,700,201	CERUS CORPORATION	2,585,621	COOK, MATTHEW R.	2,756,638
BOGEN, STEPHANE L.	2,777,043	CFS CONCRETE FORMING SYSTEMS INC.	2,748,168	COOPER TECHNOLOGIES COMPANY	2,703,521
BOLDIS, JOSEF	2,693,548	CHACKALAMANNIL, SAMUEL	2,703,203	COOPER TECHNOLOGIES COMPANY	2,795,146
BONSIGNORE, CRAIG	2,833,491	CHADWICK, ROBERT	2,673,171	COOPER, EDWARD L.	2,741,639
BOOTH, JAMES	2,733,476	CHANDRASEKAR, N.R.	2,687,860	CORBETT, ROBERT J.	2,856,369
BORG, EVRARD	2,696,842	CHANG, SHOUDE	2,594,311	CORDIS CORPORATION	2,572,251
BORG, EVRARD	2,717,346	CHAO, YI-JU	2,644,202	CORDIS CORPORATION	2,598,931
BORYUNG PHARMACEUTICAL CO., LTD.	2,832,758	CHAVEZ, ENRICO	2,809,776	CORNELL, ROBERT W.	2,703,336
BOSE, SANDIP	2,750,200	CHEH, ALBERT M.	2,797,193	COSMO OIL CO., LTD.	2,738,263
BOTHWELL, CHRISTOPHER MICHAEL	2,675,999	CHEMETALL GMBH	2,680,242	COUGHLIN, SHEILA	2,838,419
BOULTER, JONATHAN MICHAEL	2,813,515	CHEMETALL GMBH	2,702,414	COUTO, LINDA	2,596,711
BOYLE, CRAIG D.	2,703,203	CHEN, GUOYI	2,762,367	COUTURE, GARY M.	2,599,177
BRADBERRY, THOMAS GREGORY	2,834,730	CHEN, JIJUN	2,616,328	COVIDIEN AG	2,599,177
BRADLEY, DAVID L.	2,584,158	CHEN, PO-JUI	2,833,354	COWIE, CHARLES H.	2,756,360
BRANGAN, C. DAVID	2,829,911	CHEN, WEIBO	2,757,826	CRAWFORD, SCOTT	2,733,139
BREITENBACHER, ZDENEK	2,735,545	CHEN, YIQIAN	2,711,535	CREARE INCORPORATED	2,757,826
BREMNER, JOHN BARNARD	2,679,919	CHENEY, JUSTIN	2,767,048	CREASY, TIMOTHY JAMES	2,779,856
BRENDEL, JOACHIM	2,650,391	CHENG, YUU-HENG ALICE	2,683,460	CRONIN, SHAUN R.	2,856,571
BRIDGES, TOBIAS M.	2,756,360	CHEETA, ILIE	2,853,070	CROWN IRON WORKS COMPANY	2,651,179
BROPHY, TIMOTHY JAMES	2,564,581	CHI, YONG HA	2,832,758	CRYSTAL LAGOONS (CURACAO) B.V.	2,830,097
BRUNI, ROBERTO	2,699,499	CHIESI FARMACEUTICI S.P.A.	2,676,849	CUMMING, JARED N.	2,774,579
BRUNNER, CHRISTOPHER M.	2,816,676	CHILCOAT, DAVID W.	2,816,676	CUMMINGS, DANIEL R.	2,853,141
BSH HOME APPLIANCES CORPORATION	2,681,106	CHILLON RODRIGUEZ, MIGUEL	2,758,592	D'AVANZO, ROBERT LEWIS, JR.	2,600,101
BUDZ, GREGORY D.	2,703,336	CHILSON, GERALD E.	2,743,189	DAI, XING	2,703,203
BUECHTER, DOUG	2,703,482	CHILSON, GERALD EDWARD	2,691,710	DALE, BRUCE	2,797,193
BURBIDGE, RICHARD CHARLES	2,765,555	CHIN, CHEN-HO	2,765,555	DALLUGE, PAUL RUSSELL	2,723,543
BURI, MATTHIAS	2,679,307	CHO, JOO YOUN	2,832,758	DANNAHER, WILLIAM D.	2,653,942
BURLAGE, BRIAN J.	2,727,966	CHO, KANG-HUN	2,794,176	DARBY, MARTYN K.	2,703,482
BURRIS, JOHN E.	2,837,510	CHO, WING-KEE PHILIP	2,681,465	DAS, UMASHANKAR	2,630,465
BUTTERS, TERRY D.	2,765,086	CHOI, SUN-HO	2,794,176	DAVILA, LUIS A.	2,598,931
BYERLY, BAXTER	2,624,622	CHOI, SUNG-HAK	2,794,176	DAVISON, MARK A.	2,543,272
BYL, CAROLYN C.	2,703,336	CHR. HANSEN A/S	2,577,613	DE ALMEIDA, JOAQUIM MANUEL HENRIQUES	2,670,743
CAFFRO, BRIAN S.	2,670,329	CHRISTIE, NATHAN ANDREW	2,807,592	DE SORBAY, AURELIE	2,696,763
CAI, YUPING ANTHONY	2,704,527	CHUNDAWAT, SHISHIR	2,797,193	DEAN, RICHARD F.	2,710,139
CALIFORNIA EXPANDED METAL PRODUCTS COMPANY	2,736,834	CIAUSU, VIOREL	2,658,981	DECAMP, RONALD	2,785,813
CAMELLO, ANTHONY	2,806,991	CITTADINO, ANTONIO M.	2,703,336	DEITINGHOFF, LUTZ	2,542,171
CAMINADE, ANNE-MARIE	2,636,892	CLAPP, DENNIS	2,711,963	DEKKER, PETRUS JACOBUS THEODORUS	2,676,686
CAREFUSION 303, INC.	2,409,131	CLARKE, JONATHAN	2,737,730	DELAVAU L.L.C.	2,762,120
CARLINO, HARRY J.	2,670,329	CLARKE, JONATHAN	2,737,730	DELCANALE, MAURIZIO	2,676,849
CARON, YVES	2,638,542	CLAYTON, JOSHUA	2,690,856	DELINCHANT, JULIETTE	2,813,550
CARR, ADAM ACKLEY	2,564,581	CLINGAN, PHILIP	2,679,919	DELTA T CORPORATION	2,737,390
CARVALHO, STEED	2,875,107	CLOUTIER, JONATHAN	2,828,743	DELUCA, MICHAEL JOSEPH	2,771,385
CATALINA MARKETING CORPORATION	2,624,622	CNH INDUSTRIAL CANADA, LTD.	2,682,552	DEMEO, RONALD	2,591,994
CATALYTIC DISTILLATION TECHNOLOGIES	2,817,065	CNRS	2,636,892	DEPURA, BHAVNA SHAILENDRA	2,777,931
CAWIEZEL, KAY ELAINE	2,800,873	CODMAN & SHURTLEFF, INC.	2,635,185	DEPURA, JAMNA LAL	2,777,931
CEDAR, JONATHAN	2,894,982	COE, JONATHAN	2,592,763	DEPURA, KANTA	2,777,931
		COFFMAN, DAMON L.	2,409,131	DEPURA, SHAILENDRA	2,777,931
		COGILL, ANTHONY S.	2,837,510	DESHPANDE, MANOJ M.	2,739,800
		COLBERT, MICHAEL SCOTT	2,776,092	DESJARDINS-LAVISSE, ISABELLE	2,666,518
		COLGATE-PALMOLIVE COMPANY	2,821,919	DESOBRY, STEPHANE	2,666,518
		COMAU LLC	2,659,143	DFI CORPORATION	2,738,518
				DIALIGHT CORPORATION	2,681,161

**Index des brevets canadiens délivrés
15 décembre 2015**

DIBBLE, JAMES W.	2,762,120	EMISPHERE TECHNOLOGIES, INC.	2,680,737	FORTSON, REGINALD D.	2,653,942
DIEBOLD, INCORPORATED	2,733,476	EMONS, VANCE E.	2,793,263	FRANCE TELECOM	2,766,777
DIEFFENDERFER, JAMES NORRIS	2,601,639	EMORI, SAKUMA	2,836,867	FRANK, WILLIAM A.	2,717,512
DIGIOVANNI, ANTHONY	2,800,516	EMPFIELD, JAMES	2,690,856	FRAUNHOFER- GESELLSCHAFT ZUR	
DIMMOCK, JONATHAN R.	2,630,465	ENDUR ID INCORPORATED	2,673,171	FOERDERUNG DER	
DISPLAY TECHNOLOGIES	2,806,991	ENERGY & ENVIRONMENTAL RESEARCH CENTER		ANGEWANDTEN	
DIVERSEY, INC.	2,647,627	FOUNDATION	2,811,095	FORSCHUNG E.V.	2,778,239
DJODIKROMO, ZINAIDA PONIE	2,670,743	ENGDEGARD, JONAS	2,778,239	FRAUNHOFER- GESELLSCHAFT ZUR	
DO, SEUNG HOE	2,766,987	ENGDEGARD, JONAS	2,781,310	FOERDERUNG DER	
DO, THAI	2,849,759	ENGELBRETH, DANIEL	2,683,353	ANGEWANDTEN	
DOBSON, CHRIS	2,683,353	ENVIROLOGICS ENGINEERING INC.	2,887,279	FORSCHUNG E.V.	2,781,310
DOEPKE, FRANK	2,797,500	ENVIRONMENTAL STEWARDSHIP		FREEMAN, DANIEL	2,837,721
DOERFLER, CHRISTIAN	2,670,743	SOLUTIONS, LLC.	2,677,666	FREI, WILLY	2,612,502
DOGLIONI MAJER, LUCA	2,859,491	EPINEY, MICHEL	2,777,449	FREITAG, ERIC	2,894,982
DOLBY INTERNATIONAL AB	2,778,239	EPIPHARM AG	2,626,704	FRESENIUS MEDICAL CARE HOLDINGS, INC.	2,824,396
DOLBY INTERNATIONAL AB	2,781,310	EPIX ORTHOPAEDICS, INC.	2,690,786	FRIGG, ROBERT	2,625,264
DOLL, RONALD J.	2,777,043	ETHICON ENDO-SURGERY, INC.	2,543,272	FRITSCH, BRINDUSA	2,785,391
DOMES, HERIBERT	2,680,242	ETHICON ENDO-SURGERY, INC.	2,592,763	FU, THOMAS	2,756,638
DONG-A PHARM. CO., LTD.	2,794,176	ETHICON ENDO-SURGERY, INC.	2,653,942	FUCHS, RICHARD P.	2,543,272
DOOLEY, KEVIN ALLAN	2,643,425	ETHICON ENDO-SURGERY, INC.	2,695,198	FUJINAKA, MAYUMI	2,597,792
DORLING, ANTHONY	2,326,671	F. HOFFMANN-LA ROCHE AG	2,699,835	FUJITSU LIMITED	2,806,739
DOSTLER, MARTIN	2,614,508	FABRY, LASZLO	2,853,303	FUKAO, TOMOHIRO	2,829,190
DOUGLASS, MARK	2,733,476	FALCH, CORNELIA	2,778,239	FULLTON, LAURA	2,680,092
DRAKE, THOMAS	2,657,790	FALCH, CORNELIA	2,781,310	FULMER, MARK THOMAS	2,625,264
DRENTH, CHRISTOPHER L.	2,877,113	FAN, MING	2,616,328	FUNAYAMA, MASAHIRO	2,704,610
DREXLER, HERMANN	2,885,961	FANG, FI LI	2,748,168	FUNDAOCAO D. ANNA SOMMER	
DSM IP ASSETS B.V.	2,676,686	FARACI, ALESSANDRO	2,688,573	CHAMPALIMAUD E DR.	
DUBE, SANJAY KUMAR	2,823,956	FARAM, JOSEPH DEE	2,684,947	CARLOS MONTEZ	
DUBE, SANJAY KUMAR	2,824,149	FARRIS, LAWRENCE SCOTT	2,829,216	CHAMPALIMAUD	2,624,970
DUBEY, ASHISH	2,717,512	FAYLO, SAMUEL E.	2,673,503	FUNDACIO INSTITUT D'INVESTIGACIO EN	
DUBOIS CHEMICALS, INC.	2,764,794	FEI, HONGBO	2,711,535	CIENCIAS DE LA SALUT	
DUBOIS, MARC	2,657,790	FELT, DENNIS	2,733,476	GERMANS TRIAS I PUJOL	2,758,592
DUFF, GABRIEL	2,799,982	FENG, WEI	2,616,328	FUNDACIO PRIVADA INSTITUCIO CATALANA	
DUGGAN, JASON ROBERT	2,779,856	FERNANDEZ GIMENO, ESTER	2,758,592	DE RECERCA I ESTUDIS	
DUKE, RALPH MICHAEL	2,773,780	FIELDS, WILLIAM A.	2,855,117	AVANCATS	2,758,592
DUROCHER, ERIC	2,638,542	FILIPI, NEVENKA	2,718,066	FUSSELMAN, STEVEN P.	2,605,858
DWEK, RAYMOND A.	2,765,086	FIRST DEFENSE HOLDINGS LLC	2,689,940	FUTAGI, SADAKI	2,664,913
DWYER, CLIFFORD J.	2,598,931	FISCHMANN, T., FERNANDO	2,830,097	FUWA, KAZUOKI	2,829,190
DWYER, JOHANNA LISA	2,765,555	FISHER CONTROLS INTERNATIONAL LLC	2,723,543	GAGLIARDONI, GIANCARLO	2,668,631
DYNACURRENT TECHNOLOGIES, INC.	2,677,922	FISHER CONTROLS INTERNATIONAL LLC	2,727,966	GAGNE, GASTON	2,793,721
EARNSHAW, MARK	2,765,555	FIZER, RICHARD W.	2,737,390	GAILLET, JEAN-PAUL	2,813,550
EASTMAN, JEFFREY	2,733,476	FLAMBARD, BENEDICTE	2,577,613	GALLAGHER, KEVIN	2,785,813
EATON CORPORATION	2,641,836	FLETCHER, DONNIE CARLTON	2,684,596	GAMBRO LUNDIA AB	2,795,619
EATON CORPORATION	2,670,329	FLEURARU, COSTEL	2,594,311	GANASAN, JAYA PRAKASH SUBRAMANIAM	2,601,639
EATON CORPORATION	2,673,503	FLOYD, RAYMOND H.	2,592,392	GANE, PATRICK A.C.	2,679,307
EBBERLER, ROBERT E.	2,764,794	FLYNN, JEFFREY T.	2,646,841	GANZ, DANIEL	2,612,502
ECHE, CHRISTOPHE	2,682,820	FOCKLER, GREGORY	2,733,476	GARD, DAVID RICHARD	2,718,569
ECHE, CHRISTOPHE	2,682,931	FOLMER, BEVERLY	2,673,038	GARDNER, HUMPHREY	2,652,815
ECHOSTAR TECHNOLOGIES L.L.C.	2,834,730	FOLMER, JAMES	2,690,856	GARNER, WILLIAM NICHOLAS	2,590,300
EFIMOVA, YULIA M.	2,676,686	FORD, CHERYL	2,824,396	GASSULL DURO, MIQUEL ANGEL	2,758,592
EGLE, IAN	2,690,856	FOREST, FRANCOIS	2,666,828	GATELY, DENNIS PATRICK	2,704,527
ELDER, IAIN WILLIAM	2,590,300	FORT HILLS ENERGY L.P.	2,853,070	GATES CORPORATION	2,773,780
ELECTROLUX HOME PRODUCTS CORPORATION N.V.	2,741,705			GAUTHIER, LAURENT	2,791,156
ELECTROMED, INC.	2,712,704			GAUTHIER, MICHEL	2,791,156
ELGIE, RICHARD JAMES	2,564,581			GEISSLER COMPANIES, LLC	2,742,525
ELI LILLY AND COMPANY	2,704,527				
ELI LILLY AND COMPANY	2,843,474				

Index of Canadian Patents Issued December 15, 2015

GEORGIA-PACIFIC CONSUMER PRODUCTS LP	2,703,336	HAMILTON, PAUL T.	2,703,482	HUAWEI TECHNOLOGIES CO., LTD.	2,843,201
GEVAERT, STEVEN C.	2,853,141	HAN, JOO HEE	2,766,987	HUITEMA, THOMAS W.	2,543,272
GHAZI, AHMAD	2,875,107	HANIFL, PAUL	2,838,383	HUMAYUN, MARK S.	2,833,354
GIBBS TECHNOLOGIES LIMITED	2,625,703	HANWHA CHEMICAL CORPORATION	2,766,987	HUMBERT, JOSEPH B.	2,670,329
GIBBS, ALAN TIMOTHY	2,625,703	HARGROVE, JEFFREY B.	2,733,081	HUNTER'S MANUFACTURING COMPANY, INC., D/B/A	
GIBEAU, CRAIG R.	2,777,043	HARPER, WAYNE J.	2,726,408	TENPOINT CROSSBOW TECHNOLOGIES	2,716,632
GIESECKE & DEVRIENT GMBH	2,612,502	HARRIS, CHRISTOPHER B.	2,771,142	ICL PERFORMANCE PRODUCTS LP	2,718,569
GIESECKE & DEVRIENT GMBH	2,885,961	HARRIS, CHRISTOPHER B.	2,771,149	IDE, KENSUKE	2,704,610
GILBERT, ERIC J.	2,774,579	HARRIS, JOEL M.	2,703,203	IDERA PHARMACEUTICALS, INC.	2,423,487
GINTER, HERBERT	2,863,753	HASSELL, JON P.	2,650,110	IFREMER-INSTITUT FRANCAIS DE	
GOEGELEIN, HEINZ	2,650,391	HATHAWAY, PETER	2,640,781	RECHERCHE POUR L'EXPLOITATION DE LA	
GOH, CHEE WEE	2,727,966	HAWKINS, TODD R.	2,829,911	MER	2,658,981
GOLABEK, ROBERT S., JR.	2,835,987	HE, LUHONG	2,704,527	IGNATCHENKO, ALEXEY	2,811,095
GOMMERMANN, BRUCE	2,806,991	HEATLEY, DERMOT F.	2,741,329	ILSCO CORPORATION	2,646,841
GOOGLE INC.	2,684,596	HEAU, CHRISTOPHE	2,712,381	IM, WEON-BIN	2,794,176
GOOSE, STUART	2,618,328	HECHT, GIL	2,822,356	IMAMURA, DAICHI	2,664,913
GORRIS, HANS-HEINER	2,643,993	HEDDERMAN, PATRICIA A.	2,741,329	IMMUNOCORE LIMITED	2,813,515
GOTO, TAKAYUKI	2,704,610	HEINRICH, RUSSELL	2,640,395	IMPERIAL COLLEGE INNOVATIONS LIMITED	2,326,671
GOTOU, KIYOSHI	2,765,943	HELEN OF TROY LIMITED	2,894,982	INAGAKI, MICHIIRO	2,752,394
GRAEF, THOMAS H.	2,733,476	HELGESON, LONNIE J.	2,712,704	INCYTE HOLDINGS CORPORATION	2,673,038
GRAIBUS, RICHARD B.	2,796,671	HELLMUTH, OLIVER	2,778,239	INNERGY TECH INC.	2,799,982
GRAIBUS, RICHARD B.	2,796,802	HELLMUTH, OLIVER	2,781,310	INNOVATIONS 4 FLOORING HOLDING N.V.	2,764,957
GRAIBUS, RICHARD B.	2,796,827	HENKEL AG & CO. KGAA	2,642,365	INNOVATIVE PIPESYSTEMS LIMITED	2,750,416
GREAT LAKES BIOSCIENCES, LLC	2,733,081	HENKEL IP & HOLDING GMBH	2,741,329	INPEX CORPORATION	2,738,263
GREENLEE, WILLIAM J.	2,703,203	HENSELER, MARKUS	2,699,785	INSTITUT NATIONAL POLYTECHNIQUE DE	
GREY, CALIE B.	2,856,571	HERAKLES	2,696,842	TOULOUSE	2,666,828
GRIEBLING, THOMAS	2,680,242	HERAKLES	2,717,346	INSTITUTE OF BASIC MEDICAL SCIENCES, ACADEMY OF MILITARY MEDICAL SCIENCES	2,616,328
GRIFFIN, JASON TYLER	2,818,639	HERBAL INTERVENTION CORPORATION	2,621,978	INTEL CORPORATION	2,644,202
GRIFOLS, S.A.	2,758,592	HERMIDA CRUZ, LISSET	2,622,827	INVENTIO AG	2,699,785
GRIGGY, SHAWN	2,733,476	HERR, ALLEN CHRIS	2,520,292	IONDOV, GEORGE	2,877,113
GRON, HANNE	2,703,482	HERRE, JUERGEN	2,778,239	IPPACH, HOLGER	2,680,092
GRUSKIN, ELLIOT A.	2,625,264	HERRE, JUERGEN	2,781,310	IQ MEDICAL DEVICES, LLC	2,687,860
GRUSKIN, ELLIOTT	2,703,482	HERVE, GREGOIRE	2,810,019	IQBAL, RASHID	2,592,392
GUIDATI, GIANFRANCO LUDOVICO	2,821,108	HICKLIN, DANNY J.	2,777,043	ISAAC, METHVIN	2,690,856
GUILLEMETTE, CHRISTIAN	2,759,087	HILL, NATHAN EVERETT	2,718,066	ISCAR LTD.	2,822,356
GUILLEN NIETO, GERARDO ENRIQUE	2,622,827	HILTI		ISERLOH, ULRICH	2,774,579
GUPTA, SATYANARAYANA D.V.	2,800,873	AKTIENGESELLSCHAFT	2,863,753	ISHIHARA SANGYO KAISHA, LTD.	2,714,994
GUSTAV PIRAZZI & COMP. GMBH & CO. KG	2,668,969	HISAMITSU PHARMACEUTICAL CO., INC.	2,713,946	ISHIHARA, YOSHIAKI	2,714,994
GUTHRIE, JOSEPH D.	2,696,919	HJEMVICK, JACOB A.	2,673,503	ISHIKAWA, YOSHIMICHI	2,829,190
GUZI, TIMOTHY J.	2,777,043	HO, PURVIS K.	2,817,065	ISLER, DANIEL	2,813,550
GUZMAN TIRADO, MARIA GUADALUPE	2,622,827	HOBELSBERGER, MAX	2,739,844	ISURIN, ALEXANDER	2,667,877
H.E.F.	2,712,381	HOCHFELLNER, JOHN	2,887,279	IVANIK, BRUCE ALAN	2,769,130
HABIB, AHSAN	2,618,328	HOCHRAINER, DIETER	2,700,201	IVES, JASON B.	2,816,676
HAGE, RONALD	2,670,743	HODSON, STEPHEN JOSEPH	2,800,522	JAGANATHAN, ARUN P.	2,815,495
HAGI, MASAYUKI	2,829,190	HOELZ, HUBERT	2,700,201	JAKOBSEN, BENT KARSTEN	2,813,515
HALE, JOHN C.	2,771,142	HOFFMAN, NED	2,749,181	JAMES, DALLAS	2,697,836
HALE, JOHN C.	2,771,149	HOFMANN, RICHARD GERARD	2,601,639	JANG, IN JIN	2,832,758
HALLIBURTON ENERGY SERVICES, INC.	2,808,138	HOLE, DAVID PHILIP	2,765,555	JANNING, JOHN L.	2,811,832
HALLY, WILLIAM	2,741,329	HOLLIFIELD, DAVID	2,733,476		
HAMADA, MANABU	2,829,190	HOLMAN IV, MARTIN EARL	2,769,130		
HAMDOUCHI, CHAFIQ	2,843,474	HONG, SEONG CHEOL	2,766,987		
HAMEL, GUY	2,712,716	HORVATH, DAVID CHARLES	2,572,078		
		HOULE, ANDRE	2,736,464		
		HOUSER, KEVIN L.	2,695,198		
		HOUT, JACOB A.	2,716,632		
		HUAWEI TECHNOLOGIES CO., LTD.	2,762,367		

**Index des brevets canadiens délivrés
15 décembre 2015**

JAPAN OIL, GAS AND METALS NATIONAL CORPORATION	2,738,263	KEYGENE N.V.	2,623,539	LANCTOT-DOWNS, CAMILLE	2,777,449
JAPAN PETROLEUM EXPLORATION CO., LTD.	2,738,263	KILIBARDA, VELIBOR	2,659,143	LANDERER, SABINE	2,693,548
JAPAN TOBACCO INC.	2,752,394	KIM, JE HAK	2,832,758	LANG, KEVIN W.	2,762,120
JAX, PETER	2,662,910	KIM, JI HAN	2,832,758	LANKIN, CLAIRE M.	2,703,203
JAYNE, CHARLES LEE	2,703,203	KIM, MI-YEON	2,794,176	LAPSLEY, PHILIP DEAN	2,749,181
JEDWAB, MICHAEL	2,668,631	KIM, SEUNG HO	2,832,758	LARSON, KEVIN A.	2,543,272
JENKINS, NEIL GRAHAM	2,625,703	KIM, SOON-HOE	2,794,176	LARSON, MICHAEL W.	2,712,704
JENKINS, RANDALL	2,733,476	KIM, TAE EUN	2,832,758	LASER, HAROLD	2,764,794
JENSEN, GEIR	2,491,492	KIM, YOUNG HEE	2,806,617	LASPESA, ERIC	2,696,842
JENSEN, KURTIS	2,727,966	KIMBRELL, EDDIE	2,711,418	LASPESA, ERIC	2,717,346
JEON, SEONG YUN	2,766,987	KIMBRELL, EDDIE	2,755,337	LATHROP, TODD M.	2,673,503
JERVIS B. WEBB COMPANY	2,691,710	KING, RAY	2,677,922	LAVOIE, DONALD	2,791,156
JERVIS B. WEBB COMPANY	2,743,189	KING, WILLIAM ALLAN	2,644,091	LAZO VAZQUEZ, LAURA	2,622,827
JESSBERGER, ROLF	2,796,171	KIROVA-SNOVER, MARGARITA	2,777,043	LBP MANUFACTURING, INC.	2,756,638
JFE STEEL CORPORATION	2,697,226	KLINGENBRUNN, THOMAS	2,739,800	LEA, PETER	2,640,787
JFE STEEL CORPORATION	2,810,987	KLOSE, BRENNAN	2,765,086	LEBUHAN, CORINNE	2,680,092
JHEE, SUNG	2,755,185	KLUESENER, BERNARD WILLIAM	2,794,760	LECHLER, ROBERT IAN	2,326,671
JIANG, JUNHUA	2,811,095	KNOX, JOHN GRAEME	2,773,780	LEE, BRADFORD A.	2,409,131
JIANGSU HENGRUI MEDICINE CO., LTD.	2,711,535	KOCH, ROBERT L., JR.	2,543,272	LEE, JIN SEO	2,766,987
JIN, GUOZHANG	2,616,328	KOLYKHALOV, ALEXANDER A.	2,596,711	LEE, JOO HAN	2,832,758
JLJ, INC.	2,811,832	KOMP, CAROLA	2,702,414	LEE, KEVIN D.	2,875,107
JOANNOU, GEORGE EUSTACE	2,727,692	KOPPEL, GARY A.	2,615,813	LEE, MYUNGRYUL	2,755,185
JOHN, HENDRIK	2,800,516	KORDON, SVEN	2,662,910	LEE, WILSON C.	2,696,919
JOHNSON MATTHEY PUBLIC LIMITED COMPANY	2,791,156	KOVACS, DOUGLAS A.	2,733,476	LEEDLE, JOHN D.	2,708,971
JOHNSON, STEPHEN WAYNE	2,514,204	KRAFT, DAVE	2,733,476	LERNER, MATTHEW R.	2,598,802
JONES, ERIC	2,621,528	KRAMER, KENNETH S.	2,695,198	LETICA CORPORATION	2,726,408
JUDZIS, ARVIDS	2,817,065	KRAMER, KIRK	2,642,365	LETICA, ANTON	2,726,408
JULIEN, MICHEL	2,799,982	KRAUS, ROBERT G.	2,635,185	LEUNG, DONMIENNE DOEN	2,704,527
JUNG, MAN WOO	2,766,987	KRITZLER, STEVEN	2,708,534	LEVENDUSKY, THOMAS L.	2,696,919
JUNG, WONYEONG	2,755,185	KRIVULIN, SEMION	2,748,168	LEWIS, GEORGE STEVEN	2,675,999
JX NIPPON OIL & ENERGY CORPORATION	2,738,263	KROTZSCH GOMEZ, FERNANDO EDGAR	2,733,681	LG ELECTRONICS INC.	2,755,185
KABUSHIKI KAISHA TOSHIBA	2,683,460	KRUEGER INTERNATIONAL, INC.	2,853,141	LI, CHUNJIAN	2,768,142
KADOTA, TAKUYA	2,829,190	KUCHEROVSKY, JOSEPH KULKARNI,	2,591,994	LI, CHUNXIU	2,762,367
KALETSCH, KAI	2,836,193	BHEEMASHANKAR A.	2,777,043	LI, CONGQI	2,843,201
KALNISH, ILYA	2,572,078	KUMAR, SUNIL	2,800,516	LI, GUOQING	2,774,579
KAMM, WALTER	2,650,391	KUMMER, RANDY	2,881,713	LI, LEIMING	2,635,868
KANDHADAI, ANANTHAPADMANABH AN A.	2,657,420	KURCZAK, MICHAEL	2,810,019	LI, PO-YING	2,833,354
KANDHADAI, ANANTHAPADMANABH AN A.	2,778,790	KURUPATHI, AMIT	2,591,994	LI, YI	2,813,515
KANDIMALLA, EKAMBAR R.	2,423,487	KUWAHARA, KENRICK	2,833,354	LICHOULAS, TED	2,711,418
KANEKO, SHINJIRO	2,697,226	KYOWA MEDEX CO., LTD.	2,597,792	LICHOULAS, TED	2,755,337
KANSA, ROBERT	2,733,476	L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2,777,449	LIEGEOIS, DAVID D.	2,853,141
KARLSSON, BJOERN C. G.	2,758,063	L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2,659,608	LIENKE, JOACHIM	2,670,743
KARMAKAR, SRIMANTEE	2,785,391	LABERGE, FABRICE	2,777,449	LILLIE, KEVIN	2,887,279
KATAYAMA, KAZUHIKO	2,752,394	LABOURE, ERIC	2,666,828	LIMERICK, KATHLEEN	2,570,133
KELLOGG BROWN & ROOT LLC	2,592,392	LACHANCE, ANTHONY	2,877,113	LIN, LIJUN	2,635,868
KELLY, COLIN	2,894,982	LAHUE, BRIAN ROBERT	2,777,043	LINKAGE BIOSCIENCES, INC.	2,603,605
KEMPPI, JOHAN	2,701,063	LAI, WEI	2,696,776	LINKSHARE CORPORATION	2,406,970
KENNEDY, BROOK	2,894,982	LAM, MICHAEL FONG-YIN	2,590,300	LITTEER, ANDREW ADAMS	2,795,146
KENNEDY, RICHARD HOWARD	2,803,126			LIU, HONG	2,703,203
KERR, SEAN HAMILTON	2,625,264			LIU, QIUHUA	2,750,200
				LIU, YUAN	2,777,043
				LIVINGSTON, JAMES W.	2,647,627
				LIZZI, MARCO	2,795,619
				LO, RONALEE	2,833,354
				LOCAS, MARC-ANDRE	2,809,726
				LOCKE, JULIE MYREE	2,679,919
				LOCKHEED MARTIN CORPORATION	2,657,790
				LOH, EVA	2,727,966
				LOISEAU, JEAN-CHRISTOPHE	2,682,820
				LONARDI, EMILE	2,712,377
				LONG, GARY	2,592,763
				LONGUEVILLE, YVES	2,682,931
				LONGYEAR TM, INC.	2,877,113

Index of Canadian Patents Issued December 15, 2015

LOPEZ ABARRATEGUI, CARLOS	2,622,827	MCKAY, DONALD	2,687,860	MULLER, CLAUDIA	2,665,783
LORE, VITO	2,564,581	MEDOFF, MARSHALL	2,783,759	MULVANERTY, NOREEN	2,621,978
LOUISIANA TECH RESEARCH FOUNDATION; A DIVISION OF LOUISIANA TECH UNIVERSITY FOUNDATION, INC.	2,815,495	MEIER, THOMAS	2,702,873	MURASKIN, DAVID JAMES	2,823,956
LOWRY, DOUG A.	2,837,510	MEMANI, SHALINI	2,777,931	MURASKIN, DAVID JAMES	2,824,149
LUAN, PENG	2,704,527	MEMORY, RUSSELL JAMES	2,682,552	MURPHY, GREGORY B.	2,762,120
LUCCIONI, MARC	2,658,981	MENG, ELLIS	2,833,354	MURPHY, THOMAS	2,844,679
LUCHSINGER, ROLF	2,634,505	MENKHAUS, JULIE ANN	2,794,760	MURRAY, SEAN MACLEAN	2,572,078
LUE, HEJUN	2,711,535	MERCIER, DAVID	2,881,713	MYLAN GROUP	2,809,726
LUNN, LENA	2,701,063	MERCK SHARP & DOHME CORP.	2,703,203	NADEAU, JEAN-PAUL	2,696,842
LUTE, RICHARD C., JR.	2,733,476	MERCK SHARP & DOHME CORP.	2,774,579	NADEAU, JEAN-PAUL	2,717,346
LUTZ, SILKE	2,665,783	MERCK SHARP & DOHME CORP.	2,777,043	NAGRAVISION S.A.	2,680,092
MA, FUPENG	2,690,856	MERIDIAN RESEARCH AND DEVELOPMENT	2,591,994	NAIR, LATHA G.	2,777,043
MA, YAO	2,777,043	MESSER, STEPHEN D.	2,406,970	NAIR, SHRIKUMAR A.	2,703,482
MACCOSS, MALCOLM	2,777,043	METANOMICS GMBH	2,614,508	NAKAGAITO, TATSUYA	2,697,226
MADAN, ASHVANI K.	2,695,198	METSCHKE, CHRISTOPHER S.	2,727,966	NAM, KYUNG WAN	2,832,758
MADOK, JOHN H.	2,767,048	MEUNIER, HUGO	2,814,182	NATIONAL RESEARCH COUNCIL OF CANADA	2,594,311
MAGEE, PAUL D.	2,733,476	MEUNIER, MANON	2,814,182	NEELAMKAVIL, SANTHOSH FRANCIS	2,703,203
MAGENNIS, PAUL	2,707,383	MEYER, ADAM	2,683,353	NESTA, JASON	2,821,919
MAGNITUDE SPAS	2,671,189	MEYNARD, THIERRY ANTOINE	2,666,828	NESTEC S.A.	2,668,631
MAGUIRE, ROBIN A.	2,775,603	MICHOT, CHRISTOPHE	2,791,156	NESTEC S.A.	2,718,066
MAHARAJH, NIRANJAN	2,701,389	MICROSOFT TECHNOLOGY LICENSING, LLC	2,598,802	NEUHAUS, THORSTEN	2,693,548
MAHLER, BRANDON E.	2,764,794	MIDMARK CORPORATION	2,520,292	NEUMANN, ERIC	2,806,991
MAINVILLE, DANIEL	2,688,573	MIDWEST INDUSTRIAL SUPPLY, INC.	2,829,911	NEUSTADT, BERNARD R.	2,703,203
MAJORAL, JEAN-PIERRE	2,636,892	MIKI, TOMOHARU	2,829,190	NGUYEN, MY T.	2,809,726
MANKE, KEVIN RAY	2,808,138	MIKOS, LAUREN	2,756,638	NGUYEN-TRUONG, VIET-THU	2,809,726
MARCHEK, KYLE	2,755,337	MIKURIYA, YOSHIHIRO	2,829,190	NICHETTI, GIUSEPPE ANTONIO	2,668,631
MARINA BIOTECH, INC.	2,665,783	MILLAN, PEREZ MIGUEL ANGEL	2,786,433	NICHOLAS, GEORGE F.	2,764,944
MARK, BERNHARD	2,739,844	MILLAR, WILLIAM JAMES TREVOR	2,665,194	NICHOLLS, IAN A.	2,758,063
MARPOSS SOCIETA' PER AZIONI	2,699,499	MILLER, MARVIN J.	2,615,813	NIPPON STEEL ENGINEERING CO., LTD.	2,738,263
MARSH, ALLISON	2,838,419	MINUTE KEY INC.	2,837,721	NITINOL DEVELOPMENT CORPORATION	2,833,491
MARSHALL, DAVE	2,887,279	MISIASZEK, JEFFREY A.	2,774,579	NOBIS, RUDOLPH	2,592,763
MARTELLI, SAMUELE	2,699,499	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,704,610	NOBLE, IAN MACKAY	2,590,300
MARTINETTI, MELISSA A.	2,821,919	MIYAKE, NOBUHISA	2,806,533	NOBLE, PETER G.	2,828,623
MARTINEZ FLEISCHER DE LEAL, NANTZIN	2,733,681	MIYAUCHI, KAZUHIRO	2,597,792	NOE, CHRISTIAN	2,651,726
MATERIAUX LAURIER INC.	2,736,464	MLEZIVA, ROY	2,733,476	NOE, MARION	2,651,726
MATITYAHU, AMIR M.	2,690,786	MOERKEBJERG, MARTIN	2,768,142	NOE-LETSCHNIG, MARION	2,651,726
MATOVSKY, MICHAEL	2,785,391	MOJAVE JET ASSET SERVICES, LLC	2,771,142	NOER, TORBEN	2,633,081
MATSUDA, TAKESHI	2,810,987	MOJAVE JET ASSET SERVICES, LLC	2,771,149	NOFFSINGER, THOMAS H.	2,742,525
MATSUNAGA, MIKARU	2,624,424	MOLITOR, NICHOLAS G.	2,543,272	NOKIA SOLUTIONS AND NETWORKS GMBH & CO. KG	2,618,328
MATSUOKA, SAIJI	2,697,226	MOLLOY, PETER EAMON	2,813,515	NOMEIR, AMIN	2,777,043
MATSUZAKI, AKIRA	2,810,987	MONGIN, OLIVIER	2,636,892	NOSCHANG, SARAH A.	2,653,942
MATTHEWS, DAVID A.	2,598,802	MOORE, DEBORAH A.	2,741,329	NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD	2,708,534
MAURIN-PERRIER, PHILIPPE	2,712,381	MOORE, JOSEPH K.	2,689,940	NOVARTIS AG	2,628,158
MAYE, JOHN PAUL	2,734,166	MOROSCHAN, CASEY	2,686,057	NOZAKI, TSUYOSHI	2,829,190
MCCANN, STEPHEN	2,765,555	MOSKOWITZ, DOUGLAS WAYNE	2,769,130	O'HAGAN, DEREK	2,628,158
MCCANN, STEPHEN	2,803,126	MOUNT, JEFF	2,624,622	OKADA, TOMOMI	2,683,460
MCCHAIN, ROBERT JOSEPH	2,794,760	MUELLER, BERNHARD	2,542,171	OBLAMSKI, NICHOLAS A.	2,793,263
MCCLELLAN, ROBERT TRIGG	2,690,786	MUELLER-ZIERACH, EVA	2,668,969	OERTON, KEVIN JOHN	2,746,611
MCCRACKIN, DANIEL CURTIS	2,514,204	MUELLER-ZIERACH, VOLKER	2,668,969	OGAWA, YOSHIHIKO	2,664,913
MCCULLOUGH, CHARLES T.	2,796,671	MUENCH, FRANK JOHN, JR.	2,703,521	OGBURN, SEAN T.	2,666,109
MCCULLOUGH, CHARLES T.	2,796,802	MULLER, BARBARA	2,853,303	OH, JOO SEOK	2,766,987
MCCULLOUGH, CHARLES T.	2,796,827			OHTA, SHIGEO	2,713,946
MCCUNE, WILLIAM D.	2,771,142			OKADA, TOMOMI	2,713,946
MCCUNE, WILLIAM D.	2,771,149			OLESON, RICHARD A.	2,737,390
MCFADDEN, GRANT	2,600,675			OLSEN, JOHN	2,584,158
MCGUCKIN, JAMES F., JR.	2,708,971			OMYA INTERNATIONAL AG	2,679,307

**Index des brevets canadiens délivrés
15 décembre 2015**

ONISHI, YASUHIRO	2,738,263	PRAKASH, INDRA	2,687,841	ROELVINK, PETRUS W.	2,596,711
OPEN INVENTION NETWORK LLC	2,749,181	PRATT & WHITNEY CANADA CORP.	2,638,542	ROSAS-GRACIDA, JORGE RICARDO	2,748,168
OPENHYDRO GROUP LIMITED	2,658,203	PRATT & WHITNEY CANADA CORP.	2,643,425	ROSENGREN, ANNIKA M.	2,758,063
OPKO HEALTH, INC.	2,681,465	PRATT & WHITNEY CANADA CORP.	2,688,573	ROSS, WAYNE DAVID	2,691,710
ORGERON, KEITH J.	2,786,579	PRO BRAND INTERNATIONAL, INC.	2,807,592	ROSTAING, JEAN- CHRISTOPHE	2,659,608
OUNADJELA, ABDERRHAMANE	2,750,200	PROBST, LAURENT	2,666,518	ROY, FRANCOIS	2,828,743
OXLEY, NICHOLAS	2,894,982	PROSPECTIVE CONCEPTS AG	2,634,505	ROZZI, JAY CHRISTOPHER	2,757,826
PAAL, ALAN P.	2,703,336	PURNADI, RENE WARAPUTRA	2,803,126	RUANE, MICHAEL	2,727,692
PAIK, SOO HEUI	2,832,758	PURNHAGEN, HEIKO	2,778,239	RUSSELL, MARY J.	2,834,730
PAISSON, AGNE	2,853,998	PURNHAGEN, HEIKO	2,781,310	RUTENBERG, NAOMI	2,775,603
PAN, CHI	2,849,759	QIU, ZHIHUI	2,681,465	S.S. STEINER, INC.	2,734,166
PAN, WEIDONG	2,777,043	QUALCOMM INCORPORATED	2,601,639	SAGE PRODUCTS, LLC	2,838,383
PANANDIKER, RAJAN KESHAV	2,794,760	QUALCOMM INCORPORATED	2,657,420	SAIDI, OLIVIER	2,624,970
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2,664,913	QUALCOMM INCORPORATED	2,710,139	SAKUMA, TETSUSHI	2,829,190
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	2,765,943	QUALCOMM INCORPORATED	2,739,800	SALET, LISA	2,642,365
PANCHERI, EUGENE JOSEPH	2,800,522	QUALCOMM INCORPORATED	2,778,790	SALGADO CUIEL, ROSA MARIA	2,733,681
PANZNER, STEFFEN	2,665,783	QUINN, KEVIN	2,707,383	SANFORD, ISAAC G.	2,703,482
PAQUET, VINCENT	2,684,596	RAJENDRAN, VIVEK	2,657,420	SANOFI-AVENTIS DEUTSCHLAND GMBH	2,650,391
PARENT, STEPHAN D.	2,696,776	RAJENDRAN, VIVEK	2,778,790	SARTORIUS, THOMAS ANDREW	2,601,639
PARKER, KEVIN L.	2,641,836	RAMACHANDRAN, SHYAMAL	2,739,800	SAVITZ, GEORGE	2,681,106
PARRA, TABLA OCTAVIO	2,786,433	RAMOS, ROGERIO TADEU	2,638,484	SCAPIN, GIOVANNA	2,777,043
PAUL WURTH S.A.	2,712,377	RAMSTEDT, URBAN	2,765,086	SCHANZER, CHRISTIAN	2,612,502
PECK, JOHN P.	2,681,161	RASANAYAGAM, VASUHI	2,777,449	SCHLESIER, JOSEPH R.	2,600,101
PEMPER, RICHARD	2,793,472	RAVET, NATHALIE	2,791,156	SCHLOTTERBECK, DAVID L.	2,409,131
PENMAN, LESLIE WOODSON, JR.	2,900,106	RAYAVARAPU, VENKATA RATNAKAR RAO	2,765,555	SCHLUMBERGER CANADA LIMITED	2,635,868
PENNER, JONATHAN P.	2,756,358	REHRIG PACIFIC COMPANY	2,650,110	SCHLUMBERGER CANADA LIMITED	2,638,484
PEOPLES, BROCK ALAN	2,837,510	REHRIG PACIFIC COMPANY	2,666,109	SCHLUMBERGER CANADA LIMITED	2,658,988
PEREZ, SANCHEZ ALFONSO	2,786,433	RELTON, JANE K.	2,652,815	SCHLUMBERGER CANADA LIMITED	2,750,200
PERRA, ANTONIO GIUSEPPE	2,764,957	REMMAL, ADNANE	2,606,875	SCHLUN, MARTIN	2,652,214
PERS, PER-ERIK	2,741,705	REN, WUXIAN	2,616,328	SCHMIDT, JAMES	2,683,353
PERVAN, DARKO	2,853,998	REX MEDICAL, L.P.	2,708,971	SCHMIDT, LESLIE	2,824,396
PESSIN, JEAN-LOUIS	2,658,988	RHEAVENDORS SERVICES S.P.A.	2,859,491	SCHOEFFLER, DANIEL	2,733,476
PETERSEN, KEITH A.	2,640,862	RICHARD, PAUL D.	2,640,393	SCHOENFELDER, ECKART	2,702,414
PETIT, ETIENNE	2,813,550	RICHARD, PAUL D.	2,640,395	SCHROEDER, GARY	2,570,133
PHAN, AKHA	2,809,726	RICHARDSON, GEORGE DAVID	2,748,168	SCHWARTZ, ALAN	2,696,776
PHILIP MORRIS PRODUCTS S.A.	2,701,389	RICOH COMPANY, LTD.	2,829,190	SCOPERTA, INC.	2,767,048
PHILLIPS, DAVID M.	2,775,603	RIEBENSAHM, MICHAEL	2,676,659	SCOTT, DAN	2,800,516
PHIPPS, TROY	2,894,982	RIEDL, JOSEF	2,612,502	SCOTT, JACK D.	2,774,579
PHOENIXBIO CO., LTD.	2,624,424	RIENDEAU, MARCEL	2,872,185	SCUTI AS	2,491,492
PIERS, PATRICIA	2,627,666	RIGAUD, VINCENT	2,658,981	SEGER, REBECCA ANN	2,794,760
PILZ, DON A.	2,736,834	RILEY, DANIEL C.	2,806,991	SEIDEL-DUGAN, CYNTHIA	2,777,043
PIMENTA, PALOMA	2,821,919	RINDGEN, DIANE	2,777,043	SELINA, JOHN R.	2,726,408
PIMPUTKAR, GIRISH	2,741,705	RIO FERNANDEZ, ADOLFO	2,758,592	SERVICIOS CONDUMEX S.A. DE C.V.	2,786,433
PIOTELAT, SANDRINE	2,809,776	RISSIN, DAVID M.	2,643,993	SESMA, FERNANDO HERNANDEZ	2,736,834
PITCHER, DAVID	2,564,581	ROBARE, KEVIN M.	2,696,919	SHAAK, TODD M.	2,670,329
PIVETTI, FAUSTO	2,676,849	ROBARTS RESEARCH INSTITUTE	2,600,675	SHAFER, RANDALL S.	2,828,623
PODREBARAC, GARY G.	2,817,065	RODESCH, MATTHEW	2,699,835	SHAFFER, MICHAEL J.	2,716,632
POLIQUIN, RAYMOND E.	2,736,834	RODET, ALAIN	2,682,820	SHAH, UNMESH G.	2,703,203
PONGPAIROCHANA, VINCENT	2,809,776	RODET, ALAIN	2,682,931	SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2,711,535
PONSI, LAWRENCE G.	2,838,383	RODGER, DAMIEN	2,833,354		
POPOVICH, BERT	2,673,503	RODGERS, JAMES D.	2,673,038		
PORSTMANN, FRANK	2,702,873	RODRIGUES SIQUEIRA, MARIO DUARTE	2,818,639		
		ROE, MELANIE J.	2,696,776		

**Index of Canadian Patents Issued
December 15, 2015**

SHANXI YABAO		STASSINOPOULOS, ADONIS	2,585,621	TERME, BENOIT	2,712,381
PHARMACEUTICAL		STEED, MICHAEL A.	2,647,627	TERRY, STEPHEN E.	2,644,202
GROUP CORP.	2,616,328	STEER, DAVID	2,803,126	TEVEROVSKIY, MIKHAIL	2,624,970
SHARP, ROBERT	2,599,177	STEPP, MICHAEL	2,853,303	THATAVARTHY, RAMA	
SHARP, TRACY CHRISTINA	2,818,639	STERIS INC.	2,900,106	KRISHNA	2,636,892
SHEA, CATHY	2,835,987	STEWART, PHILIP MARC	2,520,292	THE BOEING COMPANY	2,764,944
SHELDON, KEN	2,658,988	STOERMANN, MARK	2,677,666	THE CHANCELLOR,	
SHEN, XINYU	2,843,201	STORACE, LOUIS	2,673,038	MASTERS AND	
SHENFIELD, MICHAEL	2,785,391	STRITTMATTER, STEPHEN	2,542,171	SCHOLARS OF THE	
SHENOY, RAMACHANDRA	2,750,200	STROMBERG, BERTIL	2,638,196	UNIVERSITY OF OXFORD	2,765,086
SHERIF, SHERIF S.	2,594,311	STRYKER IRELAND LIMITED	2,621,528	THE COCA-COLA COMPANY	2,687,841
SHIH, JASON	2,833,354	STULEN, FOSTER B.	2,695,198	THE POPULATION COUNCIL,	
SHIN, SANG GOO	2,832,758	SUBRAMANIAN,		INC.	2,775,603
SHINAGAWA, AKIO	2,806,739	RAMACHANDRAN	2,739,800	THE PROCTER & GAMBLE	
SHINDO, TAKESHI	2,714,994	SUBRAMANYAM, MAHESH	2,817,065	COMPANY	2,794,760
SHINOHATA, MASA AKI	2,806,533	SUFFRITTI, MAURO	2,795,619	THE PROCTER & GAMBLE	
SHIPPS, GERALD W., JR.	2,777,043	SUHY, DAVID A.	2,596,711	COMPANY	2,800,522
SHIZUKA, MANAMI	2,777,043	SUKANO		THE REGENTS OF THE	
SHONO, HIDEKAZU	2,829,190	MANAGEMENT+SERVICE		UNIVERSITY OF	
SHORT BROTHERS PLC	2,665,194	S AG	2,612,502	CALIFORNIA	2,759,737
SHORT BROTHERS PLC	2,707,383	SULITIS, EDWARD L.	2,796,671	THERMO CRS LTD.	2,514,204
SHORTT, ROBERT	2,785,813	SULITIS, EDWARD L.	2,796,802	THOMPSON, GRANT R.	2,837,510
SHYE CHI ENTERPRISE CO.,		SULITIS, EDWARD L.	2,796,827	THOMSON LICENSING	2,662,910
LTD.	2,751,713	SULLIVAN, JAMES EDWARD	2,601,639	THONI, MARK	2,785,813
SIEMENS		SUNCOR ENERGY INC.	2,590,300	THORN, MITCHELL	2,775,603
AKTIENGESELLSCHAFT	2,676,659	SUNDARAM, MEENAKSHI	2,777,449	THORNE LIMITED	2,796,171
SIEPI, EVGENIOS	2,665,783	SUNG, HYUN-JUNG	2,794,176	TIAN, YUAN	2,777,043
SIERRA VAZQUEZ, BEATRIZ		SUPERFOS A/S	2,633,081	TOYOSHIMA, KOEI	2,624,424
DE LA CARIDAD	2,622,827	SURTEC, INC.	2,855,117	TOYOTA JIDOSHA	
SIFT CARTER, ROSEMARIE	2,626,704	SUZUKI, TAKASHI	2,765,555	KABUSHIKI KAISHA	2,836,867
SILGAN CONTAINERS, LLC	2,844,679	SWAMINATHAN, ARVIND	2,739,800	TRAUT, FRED A.	2,729,140
SILVERSTEIN, BARRY L.	2,756,638	SWANSON, BARBARA ANNE	2,704,527	TRCKA, DARRYL	2,793,472
SIMOES, LUIS	2,817,065	SWENSON, KIRK D.	2,835,987	TRIMETEOR OIL AND GAS	
SINGALIESE, MICHAEL	2,729,140	SYNTHES USA, LLC	2,625,264	CORPORATION	2,796,671
SK BIOPHARMACEUTICALS		SYNTHES USA, LLC	2,703,482	TRIMETEOR OIL AND GAS	
CO., LTD	2,702,873	SZABAT, WALTER J.	2,733,476	CORPORATION	2,796,802
SLASSI, ABDELMALIK	2,690,856	SZEWCZYK, GREGORY	2,821,919	TRIMETEOR OIL AND GAS	
SLOAN, JAMES T.	2,837,510	T&T ENGINEERING		CORPORATION	2,796,827
SMITH, CAREY J.	2,737,390	SERVICES, INC.	2,786,579	TRUDELL MEDICAL	
SMITH, ROBERT C.	2,640,388	TABERNEO, JUAN	2,627,666	INTERNATIONAL	2,683,353
SMITH, STEVEN DARYL	2,794,760	TAI, YU-CHONG	2,833,354	TRUSTEES OF TUFTS	
SMITH, WILLIAM E.	2,646,841	TAKAGI, HIDEKI	2,704,610	COLLEGE	2,643,993
SMOLENSKAYA, VALERIYA		TAKAGI, SHUSAKU	2,697,226	TSAI, CHAO-YANG	2,751,713
N.	2,696,776	TAKASHIMA, KATSUTOSHI	2,810,987	TSUTSUMI, NOBUO	2,713,946
SNAP-ON INCORPORATED	2,640,862	TAKATA, TOMOFUMI	2,664,913	TULA, PEDRO	2,733,476
SOHI, JASKIRAT	2,696,919	TAKEUCHI, MANABU	2,752,394	TURNER, JIMMY L.	2,796,671
SOHN, JU-HEE	2,794,176	TALMER, MARK	2,570,133	TURNER, JIMMY L.	2,796,802
SOHN, TAE-KYOUNG	2,794,176	TAMAI, KYOHEI	2,806,739	TURNER, JIMMY L.	2,796,827
SOLINSKY, MARK GREGORY	2,794,760	TANG, PENG CHO	2,711,535	TURNER, RICHARD LEE	2,520,292
SONG, JIANFENG	2,680,737	TANG, YING	2,704,527	TUROCY, KENNETH	2,733,476
SOULIER, PASCAL-MARIE		TANGUAY, VINCENT	2,828,743	TYCO HEALTHCARE GROUP	
PAUL MARCEL	2,696,763	TARGUS GROUP		LP	2,640,388
SOUSA, LEONARDO	2,797,193	INTERNATIONAL, INC.	2,785,813	TYCO HEALTHCARE GROUP	
SOUTHWIRE COMPANY LLC	2,881,713	TARMIN, JAMES S.	2,708,971	LP	2,640,393
SPEIER, THOMAS PHILIP	2,601,639	TAYLOR, ERIC J.	2,640,781	TYCO HEALTHCARE GROUP	
SPITERI, MONICA		TAYLOR, GARRETT W.	2,742,525	LP	2,640,395
SILVERSTONE	2,766,699	TAYLOR, WADE A.	2,742,525	TYCO HEALTHCARE GROUP	
SPOONER, ED	2,658,203	TEETER, FLOYD C., JR.	2,651,179	LP	2,640,781
SQI DIAGNOSTICS SYSTEMS		TELCORDIA TECHNOLOGIES,		UHRIG, ERIC	2,666,518
INC.	2,640,787	INC.	2,683,460	UICO, INC.	2,815,491
STABB, CHARLES W.	2,598,802	TEMBLADOR, RICHARD	2,881,713	UNILEVER PLC	2,670,743
STAMFORD, ANDREW W.	2,703,203	TEO, JIUNN	2,824,396	UNITED PARCEL SERVICES	
STAMFORD, ANDREW W.	2,774,579	TERENTIV, LEON	2,778,239	OF AMERICA, INC.	2,584,158
STANFORD, MARIANNE	2,600,675	TERENTIV, LEON	2,781,310		

**Index des brevets canadiens délivrés
15 décembre 2015**

UNITED STATES GYPSUM COMPANY	2,717,512	WADE, DONALD L.	2,520,292	YAMADA, EIICHI	2,738,263
UNITHER VIROLOGY, LLC	2,765,086	WADIA, BAHAR N.	2,815,491	YAMADA, MANABU	2,752,394
UNIVERSITAT AUTONOMA DE BARCELONA	2,758,592	WAGNER, MATTHEW SCOTT	2,794,760	YANG, ZHENG	2,616,328
UNIVERSITE DE MONTREAL	2,791,156	WAGO, TOSHIMICHI	2,658,988	YEH, TZONG IN	2,783,792
UNIVERSITE DE RENNES 1	2,636,892	WALK, TILMANN B.	2,614,508	YI, SO JEONG	2,832,758
UNIVERSITE MONTPELLIER 2 SCIENCES ET TECHNIQUES	2,666,828	WALKER, CRAIG ELLIOTT	2,684,596	YOON, SEO HYUN	2,832,758
UNIVERSITY HOSPITALS OF NORTH MIDLANDS NATIONAL HEALTH SERVICE TRUST	2,766,699	WALL, ANDREW P.	2,625,703	YOON, YOUNG C.	2,739,800
UNIVERSITY OF GUELPH	2,644,091	WALT, DAVID R.	2,643,993	YOSHIZATO, KATSUTOSHI	2,624,424
UNIVERSITY OF SASKATCHEWAN	2,630,465	WANG, LI	2,711,535	YOUNG, JEFF	2,733,476
UNIVERSITY OF SOUTHERN CALIFORNIA	2,833,354	WANG, SHENGLAN	2,711,535	YOUNG, JOSEPH E.	2,653,942
UNIVERSITY OF WOLLONGONG	2,679,919	WANG, YAN	2,762,367	YOWS, STEPHEN ARTHUR	2,605,858
UPRETI, MANI	2,687,841	WANG, YAOLIN	2,777,043	YU, DONG	2,423,487
UTSUMI, JUN	2,704,610	WANG, ZEN Y.	2,733,476	YU, KYUNG SANG	2,832,758
UTUKURI, AVANINDRA	2,737,730	WARD, EMER	2,741,329	YU, SHUI	2,875,705
UTZ, ZACHARY	2,733,476	WARDEN, JAMES PAUL	2,777,064	ZANNONI, LUKE ANDREW	2,794,760
VAISHNAV, DOLAR HARSHADRAI	2,733,476	WARREN, OLIVER	2,844,841	ZEDIAK, CLINTON	2,696,919
VAKHARIA, OMAR	2,592,763	WASIEWICZ, JERZY	2,643,425	ZHANG, JIANMEI	2,843,201
VALDEZ PRADO, IRIS	2,622,827	WATSON, TIMOTHY	2,733,476	ZHANG, JIWEI	2,786,634
VALENCIA, ANTHONY	2,808,138	WATSON-MARLOW LIMITED	2,844,841	ZHAO, NA	2,681,465
VALENTINE, DAVID	2,759,737	WEATHERFORD TECHNOLOGY		ZHAO, QUIYAN	2,423,487
VALENTINO, JOHN	2,675,999	HOLDINGS, LLC	2,756,358	ZHENG, HAO	2,711,535
VALERO, HENRI-PIERRE	2,750,200	WEATHERFORD TECHNOLOGY		ZHENG, MING	2,875,705
VALINGE INNOVATION AB	2,853,998	HOLDINGS, LLC	2,793,472	ZIMMER, INC.	2,856,571
VALLIER, WILLIAM E.	2,600,101	WEED, JOHN A., III	2,653,942	ZIPSE, ACHIM	2,652,214
VALMONT HIGHWAY TECHNOLOGY LIMITED	2,697,836	WEINBERG, CRAIG	2,599,177	ZITZMANN, NICOLE	2,765,086
VAN DER MERWE, SHAWN	2,853,070	WELLINGTON, ROBERT J.	2,837,179	ZTE CORPORATION	2,786,634
VAN DIJK, ALBERTUS ALARD	2,676,686	WELLS, JON EDWARD	2,520,292	ZULUETA MORALES, AIDA	2,622,827
VAN EIJK, MICHAEL JOSEPHUS THERESIA	2,623,539	WENG, JIANFENG	2,779,856	ZWEED, SANDER GORDON	2,764,957
VAN TUNEN, ADRIANUS JOHANNES	2,623,539	WERTS, MARTINUS	2,636,892		
VANDERVEEN, TIMOTHY W.	2,409,131	WESTPORT POWER INC.	2,875,107		
VANNER, INC.	2,667,877	WESTWIND LTD.	2,872,185		
VANSCOYOC, BRUCE K.	2,658,409	WHEELER, THOMAS J.	2,696,512		
VATER, HARALD	2,885,961	WHITE, PAUL H.	2,881,713		
VAUGHAN, DENNIS	2,572,251	WIDEX A/S	2,768,142		
VAZQUEZ RAMUNDO, SUSANA	2,622,827	WIENER, EITAN T.	2,695,198		
VAZQUEZ, ESTRADA LUIS	2,786,433	WIJAYANATHAN, MAIYURAN	2,765,555		
VECCHIO, KENNETH S.	2,767,048	WILCOX, MATTHEW T.	2,703,336		
VEGA, LUIS FANOR	2,696,919	WILLIAMS, DENNIS K.	2,796,671		
VERBEL, DAVID A.	2,624,970	WILLIAMS, DENNIS K.	2,796,802		
VERBESSELT, IVAN	2,680,092	WILLIAMS, DENNIS K.	2,796,827		
VERNON, RYAN	2,894,982	WILLIAMS, TODD G.	2,829,216		
VIRETTE, DAVID	2,766,777	WILSON, PAUL	2,793,472		
VITALE, ROBERT W.	2,829,911	WIRTH, KLAUS	2,650,391		
VITALI, DARIO	2,543,272	WITCHER, DERRICK RYAN	2,704,527		
VITANOV, KAMEN	2,785,391	WITT, DAVID A.	2,653,942		
VON SCHUCKMANN, ALFRED	2,700,201	WIWCHAR, KIM JONATHAN	2,590,300		
VOSS, MATTHEW ERNST	2,777,043	WOLF, KURT M.	2,756,638		
WACK, THILO	2,652,214	WOLINS, BILL	2,646,841		
WACKER CHEMIE AG	2,853,303	WONG, VICTOR MING-SHE	2,681,465		
		WOODWARD, PETER JOHN	2,750,416		
		WOODWAY USA, INC.	2,793,263		
		WYLES, JEFF	2,875,320		
		WYLIE, MATTHEW J.	2,600,101		
		WYMER, MARK	2,733,476		
		XIA, YAN	2,703,203		
		XU, RICHARD YINGQING	2,834,715		
		XU, ZHIYUE	2,834,715		
		XYLECO, INC.	2,783,759		
		YAJIMA, MORIO	2,752,394		
		YALE UNIVERSITY	2,542,171		
		YAMADA, ATSURO	2,752,394		

Index of Canadian Applications Open to Public Inspection

November 29, 2015 to December 5, 2015

Index des demandes canadiennes mises à la disponibilité du public

29 novembre 2015 au 5 décembre 2015

AGRAWAL, DEVESH KUMAR	2,892,719	LORTIE DESIGNS, INC.	2,886,696
ALLEN, CLYDE G.	2,893,763	LORTIE, GABRIEL	2,886,696
BAKER HUGHES INCORPORATED	2,892,719	MAURER, MICHAEL W.	2,893,763
BARRETT, MICHAEL EVERALD	2,892,081	MAZYAR, OLEG A.	2,892,719
BIRUKOV, OLGA	2,893,391	MICHALSKI, MATTHEW JASON	2,893,763
BRETON, ETIENNE	2,853,126	NOACH, ELIRAN	2,892,081
BUESCHER DEVELOPMENTS, LLC	2,893,867	NUPASTA INC.	2,853,448
BUTLER HOME PRODUCTS, LLC	2,893,773	O'SHEA, KYLE P.	2,893,763
BUTTS, MARK	2,893,773	PALMER, TIMOTHY	2,891,144
CHAN, STEPHEN S. L.	2,853,142	PEDEN, ZENA V.	2,853,423
CHEUNG, STEPHEN C.H.	2,853,448	PHAM, ANH	2,893,867
CHURILLA, CHAD	2,892,081	REINHART, NICKOLAS	2,893,531
CREATIVE PLASTIC CONCEPTS, LLC	2,893,531	REINHART, NICKOLAS	2,893,688
CREATIVE PLASTIC CONCEPTS, LLC	2,893,688	RIAVERA CORP.	2,893,984
CURE MEDICAL, LLC	2,891,144	RICHTHAMMER, BURKHARD	2,891,753
DRAPEAU, DANIEL	2,853,773	RICHTHAMMER, BURKHARD	2,891,817
EBERT, JORG	2,893,365	ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.	2,893,360
EQUIPEMENTS FDS INC.	2,853,773	ROY, KEVIN S.	2,869,822
FENTON, GARY L.	2,894,059	SHAPOVALOV, LEONID	2,893,391
FIGOVSKY, OLEG	2,893,391	SIEMENS AKTIENGESELLSCHAFT	2,893,720
FUNG, JOHNNY Y.S.	2,853,448	SPECHT, TOBIAS	2,893,365
GRANER, KLAUS	2,891,817	STI HOLDINGS, INC.	2,894,059
GREENWAY, NATHAN D.	2,893,763	TADIN, JEFF	2,893,773
GRUNENFELDER, ROBERT	2,893,365	TAPCO INTERNATIONAL CORPORATION	2,893,763
HOFFMANN, SEBASTIAN NICHOLAS	2,891,817	TEERMAN, RICHARD F.	2,893,867
HOFFMANN, SEBASTIEN NICOLAS	2,891,753	THORNBAC, WILLIAM J.	2,846,423
HONEYWELL INTERNATIONAL INC.	2,892,081	UNKNOWN	2,846,423
HYBRID COATINGS CANADA INC.	2,893,391	VETTERS, DANIEL K.	2,893,360
ITWARU, MARK	2,893,984	VOIGT, OLIVER	2,893,365
IVOCLAR VIVADENT AG	2,893,365		
JACKSON, MATTHEW M.	2,893,763		
JORDAN, RAYMOND J.	2,892,081		
KHABASHESKU, VALERY N.	2,892,719		
KRATMANN, KASPER KOOPS	2,893,720		
KUGELSTADT, KAI	2,891,753		
KUGELSTADT, KAI	2,891,817		
KUZNETSOV, OLEKSANDR V.	2,892,719		
LEYKIN, ALEXANDER	2,893,391		
LIEBHERR-MINING EQUIPMENT COLMAR SAS	2,891,753		
LIEBHERR-MINING EQUIPMENT COLMAR SAS	2,891,817		
LIN, LAPWAH	2,853,142		

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

"LUMINESCENT INNOVATION TECHNOLOGIES" LIMITED LIABILITY COMPANY	2,913,599	AKZENTA PANEELE + PROFILE GMBH	2,912,978	ASBESTOS DISEASES RESEARCH FOUNDATION	2,905,682
1CO, INC.	2,913,254	ALBRECHTSEN, MORTEN	2,913,100	ASHIKAGA, MAKOTO	2,913,451
24/7 CUSTOMER, INC.	2,913,471	ALCAZAR GONZALEZ, ALBERTO	2,913,182	ASIRVATHAM, SAMUEL J.	2,913,043
3M INNOVATIVE PROPERTIES COMPANY	2,913,264	ALEXANDROV, VLAD	2,913,513	ASKEW, BEN C.	2,913,417
3M INNOVATIVE PROPERTIES COMPANY	2,913,272	ALIETI, SANJAY REDDY	2,913,192	ASWAD, FRED JULLIEN	2,910,277
4M GLOBE MANAGEMENT LTD.	2,913,104	ALIOS BIOPHARMA, INC.	2,913,206	ATALLAH, KAIS	2,911,682
AB FERROLEGERINGAR	2,913,632	ALIOS BIOPHARMA, INC.	2,913,210	AUMASSON, JEAN-PHILIPPE	2,913,444
ABBAS, SAYEED	2,913,048	ALLEN, MARK	2,913,159	AVVIO GMBH & CO KG	2,913,324
ABBAS, SAYEED	2,913,136	ALLENA PHARMACEUTICALS, INC.	2,913,476	AWE COMPANY LIMITED	2,913,218
ABBATE, ANTONIO	2,913,154	ALLERGAN, INC.	2,913,333	AXELROD, GLEN S.	2,913,332
ABBVIE BIOTECHNOLOGY LTD.	2,904,527	ALLISON TRANSMISSION, INC.	2,913,595	AZAMIAN, BOBAK ROBERT	2,913,346
ABCLON INC.	2,910,407	ALPMANN, LUDGER	2,913,386	AZTHERAPIES, INC.	2,913,235
ABDELFAH, NELLY	2,913,512	ALTMERGE, LLC	2,913,184	BABU, GOVINDARAJULU	2,913,226
ABDUL AZIZ, MOHD SYAZANI B.	2,913,129	ALTMIKUS, ANDREE	2,913,101	BADAR, TIMOTHY G.	2,913,237
ABDULLAH, ZIA	2,913,157	ALU, ANDREA	2,913,185	BADARAU, ADRIANA	2,913,088
ABE, JUNICHIRO	2,913,293	AMASIO, MICHELE	2,907,865	BADIE, AURELIEN	2,913,252
ABEL, JEREMY	2,912,821	AMAZON TECHNOLOGIES, INC.	2,912,392	BAIK, EUGENE JONG-HYON	2,913,117
ABLY AS	2,913,208	AMAZON TECHNOLOGIES, INC.	2,913,036	BAIOURA, ANDREI	2,913,513
ABOELELLA, NERMEEN W.	2,913,048	AMAZON TECHNOLOGIES, INC.	2,913,142	BAKER HUGHES INCORPORATED	2,913,163
ABRAHAM, SANTOSH PAUL	2,913,661	AMIP, LLC	2,913,413	BAKER HUGHES INCORPORATED	2,913,214
ACCELERENZ LIMITED	2,913,171	AMIR, MUHAMMAD	2,913,146	BALMFORTH, BARNABY	2,907,865
ACCELERGY CORPORATION	2,913,159	ANDERSEN, PETER S.	2,910,029	BANDUR, NINA GERTRUD	2,913,222
ADAMS, DAN L.	2,913,214	ANDERSON, BENJAMIN B.	2,913,591	BAO, HANBO	2,913,187
ADC TELECOMMUNICATIONS, INC.	2,913,237	ANDERSON, BENJAMIN B.	2,913,591	BARAK, DAN	2,913,461
ADDEN, ROLAND	2,913,177	ANDERSON, CLAYTON R.	2,913,408	BARAN, ARTHUR	2,913,146
ADELSON, ALEX M.	2,913,588	ANDERSON, DERRICK	2,913,401	BARNSCHIED, LUTZ	2,913,209
ADMC HOLDING, LLC	2,913,103	ANDO, SHIRO	2,913,451	BARTELS, DOREEN	2,913,068
AGROSAVFE N.V.	2,910,632	ANDRESEN, THOMAS LARS	2,913,100	BASE4 INNOVATION LTD	2,907,865
AGROSAVFE N.V.	2,910,874	ANDREW WIRELESS SYSTEMS GMBH	2,913,186	BASF ENZYMES LLC	2,910,313
AHARONI, ELI	2,913,640	ANDREWS, MARCUS	2,913,513	BASF ENZYMES LLC	2,910,318
AHARONI, ELI	2,913,642	ANGHELESCU, FLORIN MUGUR	2,913,193	BASF SE	2,910,604
AHN, CHANG-HO	2,913,611	ANHEUSER-BUSCH INBEV SA	2,913,217	BASF SE	2,913,077
AHOLA, PIRJO	2,913,448	ANISSIMOVA, MARIA	2,913,225	BASF SE	2,913,222
AIR FUEL SYNTHESIS LIMITED	2,913,061	ANQUETIL, JEROME	2,913,261	BASF SE	2,913,382
AKAMATSU, YOSHIKO	2,904,527	APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH	2,907,693	BASF SE	2,913,446
AKAMINE, KOHEI	2,913,287	APOGENIX GMBH	2,910,332	BASF SE	2,913,498
AKERUE INDUSTRIES, LLC	2,913,407	AQUALINE AS	2,913,123	BASF SE	2,913,501
AKIHIRO, SUGAWARA	2,913,098	ARDUINI, ARDUINO	2,912,992	BASF SE	2,913,521
AKPAN, KUFRE	2,913,122	ARGYROPOULOS, CHRISTOS	2,913,185	BASKIN, DAVID S.	2,912,975
AKSIT, KAAAN	2,913,211	ARITA, YASUSHI	2,913,027	BASU, SHUBHAMITA	2,913,176
AKSOY, BULENT ARMAN	2,913,341	ARRIZZA, FABIO	2,912,992	BATRA, SAURABH	2,913,602
AKTIEBOLAGET SKF	2,913,080	ARSANIS BIOSCIENCES GMBH	2,913,088	BATTELLE MEMORIAL INSTITUTE	2,913,157
AKUCEWICH, EDWARD S.	2,913,173	ASAMI, MASAKATSU	2,913,027	BATTLES, MICHAEL BENJAMIN	2,913,088
				BAUD, VERONIQUE	2,909,474
				BAUDART, FRANCOIS	2,913,502
				BAUGH, DAVID L.	2,913,472
				BAYER ANIMALHEALTH GMBH	2,913,098
				BAYER CROPSCIENCE AKTIENGESELLSCHAFT	2,913,509

Index of PCT Applications Entering the National Phase

BAYER HEALTHCARE LLC	2,910,277	BOEGEL, SEBASTIAN	2,911,945	CAI, YUAN	2,913,188
BAYER HEALTHCARE LLC	2,913,092	BOLD, GUIDO	2,912,986	CAKMAK, MUKERREM	2,913,602
BAYER PHARMA		BOLLONG, MICHAEL	2,913,634	CAKMAK, YUSUF OZGUR	2,913,211
AKTIENFESELLSCHAFT	2,913,085	BOMSEL, MORGANE	2,911,613	CAMERON INTERNATIONAL CORPORATION	2,913,403
BEAULIEU, MARIE-EVE	2,911,863	BOND, JASON RAYMOND THOMAS	2,913,218	CAMMUE, BRUNO	2,910,632
BEAURIN, GAUTHIER	2,913,080	BOO, CHRISTIAN	2,913,392	CAMMUE, BRUNO	2,910,874
BECK, CHASEN SCOTT	2,913,419	BOOL, LAWRENCE	2,913,645	CAMPA, JOHN	2,913,164
BECK, DANIEL PETER	2,913,527	BOON, LOUIS	2,913,318	CAMPBELL, ANTHONY STEWART	2,913,151
BECTON, DICKINSON AND COMPANY	2,906,373	BOONE, THOMAS C.	2,913,363	CAMPBELL, IAN	2,913,244
BEGLEY, COLIN GLENN	2,913,189	BOONS, GEERT-JAN	2,911,209	CAMPBELL, KEITH ALAN	2,913,081
BEIGELMAN, LEONID	2,913,206	BORDAS, VINCENT	2,913,223	CANON KABUSHIKI KAISHA	2,913,623
BEIGELMAN, LEONID	2,913,210	BORSHCHEV, OLEG VALENTINOVICH	2,913,599	CANON KABUSHIKI KAISHA	2,913,624
BELADY, CHRISTIAN L.	2,913,544	BORTZ, JONATHAN DAVID	2,913,413	CANRIG DRILLING TECHNOLOGY LTD.	2,913,659
BELANGER, RAYMOND	2,913,180	BOSCH, RALF	2,913,062	CAPITAL SAFETY GROUP (AUSTRALIA) PTY LIMITED	2,913,508
BELINKY, PAULA	2,912,997	BOSTON SCIENTIFIC SCIMED, INC.	2,913,220	CAREFUSION 303, INC.	2,913,040
BELKIN, ANATOLY S.	2,913,421	BOUCHARD, JOHNNY	2,913,090	CAREFUSION 303, INC.	2,913,041
BELL, PETER SIMPSON	2,913,196	BOUDIAF, ALI	2,913,268	CAREFUSION 303, INC.	2,913,050
BENHAR BAR-ON, INBAL	2,913,274	BOUHERAOUA, MOHAMMED	2,911,682	CARLISE, JEFFREY A.	2,913,139
BERGAN, HAKON	2,913,403	BOULOS, MAHER	2,913,380	CARLISLE FLUID TECHNOLOGIES, INC.	2,913,145
BERGDALE, MICAH	2,913,063	BOURGUINAT, CATHERINE	2,913,596	CARLISLE FLUID TECHNOLOGIES, INC.	2,913,458
BERGELIN, MARCUS	2,913,290	BP CORPORATION NORTH AMERICA INC.	2,913,224	CARLISLE, JEFFREY A.	2,913,148
BERGER, ROBERT W.	2,913,119	BRASSEAUX, JASON	2,913,408	CARLOFF, RUDIGER	2,913,309
BERGER, STEFAN	2,913,523	BRASSEUR, ALAIN	2,913,240	CARLYLE, ERIC	2,913,297
BERNSTEIN, NEIL L.	2,908,042	BRAUER, NICO	2,913,085	CARON, JEAN	2,913,071
BERRY, RICHARD	2,913,359	BRAUN, SERGEI	2,913,228	CARPENTER, ANDREW JAMES	2,909,045
BERTRAND, VIVIANE	2,913,331	BREINER, BORIS	2,907,865	CARTER, ANDREW JAMES	2,912,953
BESWICK, JOHN	2,913,080	BRESSAN, FRANCO	2,912,869	CARTER, CHARLES H.	2,913,129
BHANDARI, KRISHNA HARI	2,913,368	BRETSCHNEIDER, THOMAS (DECEASED)	2,913,509	CASPERS, MARTINUS PETRUS MARIA	2,911,170
BHARATE, SANDIP BIBISHAN	2,913,281	BREWER, MICHAEL LOYD	2,913,247	CASTELLANO, CRISTINA	2,913,584
BHASKARAN, SUNIL	2,913,175	BREWER, MICHAEL LOYD	2,913,249	CASTLE, JOHN CHRISTOPHER	2,911,945
BHAVAR, PRASHANT K.	2,913,226	BRIER, PETER	2,913,629	CASTRO, DAVID J.	2,913,120
BIANCHI, THOMAS	2,913,576	BRIGGS, STEVE	2,913,282	CASTRO, DAVID J.	2,913,128
BIANCO, ITAY	2,913,415	BRIGGS, STEVE	2,913,285	CATERPILLAR GLOBAL MINING EUROPE GMBH	2,913,523
BICYCLE THERAPEUTICS LIMITED	2,908,406	BRIGGS, STEVE	2,913,285	CELLECTIS	2,913,404
BIEDASEK, SILKE	2,913,382	BRIGGS, STEVE	2,913,334	CELLUFORCE INC.	2,913,359
BIEDASEK, SILKE	2,913,521	BRODBECK, THOMAS	2,913,099	CENTRE FOR HIGH TECHNOLOGY	2,913,277
BIELEFELDT, JAMES ALAN	2,913,198	BRODKIN, DMITRI G.	2,913,112	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,909,474
BIELEFELDT, JAMES ALAN	2,913,198	BROTEIO PHARMA B.V.	2,913,318	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,911,600
BIENICK, CRAIG (DECEASED)	2,913,480	BROUSSAIS-COLELLA, NICOLAS	2,912,809	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,911,613
BIGGS, EDWARD	2,913,218	BROWN, ERIC	2,910,029	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,913,229
BIGI, MANUELE	2,912,950	BROWN, GREGORY A. M.	2,913,132	CENTRO SVILUPPO MATERIALI S.P.A.	2,913,116
BIGI, MANUELE	2,912,961	BRUKER DALTONIK GMBH	2,913,016	CEREZO-GALVEZ, SILVIA	2,913,509
BILLOT, KATY	2,909,474	BUCHMANN, BERND	2,913,085	CGG SERVICES SA	2,913,576
BILODEAU, MICHAEL A.	2,913,605	BUCK, BRIAN JAMES	2,913,102	CHA, MYUNG HUN	2,913,592
BIOGEN MA INC.	2,913,078	BUCK, MANUEL	2,913,099		
BIONTECH AG	2,911,945	BUCKLEY, LINDA M.	2,913,119		
BIRKLE, STEPHANE	2,910,855	BUHLER AG	2,913,204		
BLANCHARD, HELENE	2,913,229	BULTE-LOYER, HELENE	2,913,199		
BLANCHET, SCOTT	2,913,633	BUNDERS, CYNTHIA	2,913,252		
BLANK, JUTTA	2,912,986	BURCHALL, LAURION DARRELL	2,912,392		
BLANK, JUTTA	2,912,991	BURGESS, SIMON	2,913,093		
BLANK, JUTTA	2,913,223	BURNASHEV, NAIL	2,913,313		
BLAZER, ROCK O'BRIEN	2,913,526	BURNS, MARVIN D.	2,913,458		
BLEAM, MAUREEN R.	2,908,391	BURRIS, DONALD ANDREW	2,913,134		
BLUE SOLUTIONS	2,913,071	BYRNE, T. J.	2,913,220		
BLUE-I WATER TECHNOLOGIES LTD.	2,913,001	BYTEMARK, INC.	2,913,063		
BLUG, MATTHIAS	2,913,520	CABLE, CRAIG ALAN, II	2,913,254		
BLUMENKRANZ, MARK	2,913,552	CAFFEY, SEAN	2,913,254		
BLUMENSCHNEIN, CHARLES	2,913,308				
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,913,052				

Index des demandes PCT entrant en phase nationale

CHADDA, IQBAL SINGH	2,913,246	CONOCOPHILLIPS SURMONT		DANMARKS TEKNISKE	
CHADHA, AJAY	2,910,870	PARTNERSHIP	2,913,130	UNIVERSITET	2,913,100
CHAGOYA Y HAZAS, VICTORIA EUGENIA	2,913,233	CONOCOPHILLIPS SURMONT		DAOUK, ANTAR	2,913,216
CHAMPION BUS, INC.	2,913,053	PARTNERSHIP	2,913,140	DARMON, AUDREY	2,913,023
CHAMPION BUS, INC.	2,913,065	CONSEJO SUPERIOR DE		DARWICHE, ALI	2,913,229
CHAN, PETER WING YIU	2,910,945	INVESTIGACIONES		DARWISH, MARTINE	2,910,029
CHANG, ROBERT TIENHAN	2,913,552	CIENTIFICAS (CSIC)	2,911,623	DATTA, AJOY	2,913,399
CHAPARRO RIGGERS, JAVIER FERNANDO	2,911,412	CONSEJO SUPERIOR DE		DAU, JORN	2,913,386
CHARLTON, PAUL	2,913,663	INVESTIGACIONES	2,913,329	DAVIDSHIELD L.I.A. (2000) LTD.	2,913,315
CHARPENTIER, PHILIPPE	2,913,250	CONSEJO SUPERIOR DE		DAVIES, STEVEN CRAIG	2,913,276
CHASTAN, JEAN PAUL	2,913,103	INVESTIGACIONES		DAVIS, ANDREW PETER	2,913,585
CHATELLIER, JEAN-YVES	2,912,809	CIENTIFICAS (CSIC)	2,913,391	DAVIS, BARRIE	2,913,643
CHATTERJEE, ARNAB K.	2,913,634	CONTI FASTENERS AG	2,912,972	DAVIS, BENJAMIN	2,913,643
CHATTERJI, SOURAV	2,913,131	CONWAY, GEORGE ARNOLD	2,913,527	DAVIS, PETER KENNEDY	2,913,536
CHEN, CHIH-LUNG	2,913,309	COOPER HUMAN SYSTEMS		DCB-USA LLC	2,913,051
CHEN, LIEPING	2,913,312	LLC	2,913,231	DE BOLLE, MIGUEL	
CHEN, RAN	2,913,188	COOPER, JAMES ERVIN	2,913,246	FRANCESCO COLETA	2,910,632
CHEN, ZEBIN	2,913,664	COOPER, KENNETH G.	2,913,231	DE BOLLE, MIGUEL	
CHEN-KEAT, TERESA TIASHU	2,913,537	COOPER, LAURENCE J.	2,913,052	FRANCESCO COLETA	2,910,874
CHENG, TIAN-LU	2,913,051	COORSTEK		DE IACO, MARCO	2,913,022
CHENG, WEIGUO	2,913,120	FLUORO-CHEMICALS, INC.	2,913,535	DE JONGHE, CHRIS	2,910,632
CHENG, WEIGUO	2,913,128	COPE, JASON	2,913,485	DE JONGHE, CHRIS	2,910,874
CHERIAN, GEORGE	2,913,620	COPRECITEC, S.L.	2,913,327	DE NARDI, MIRCO	2,912,869
CHERIAN, GEORGE	2,913,661	CORNING OPTICAL		DE SOUZA, MARK S.	2,913,231
CHESSON LABORATORY ASSOCIATES, INC.	2,912,538	COMMUNICATIONS LLC	2,913,135	DE VILLIERS, ETHEL- MICHELE	2,913,107
CHESSON, JERRY S.	2,912,538	CORNING OPTICAL		DEANGELIS, DOUGLAS J.	2,913,343
CHHABRA, EKTA SETH	2,913,078	COMMUNICATIONS LLC	2,913,138	DEAR, PAUL	2,907,865
CHHLIAR, JITENDER	2,913,086	CORNING OPTICAL		DEBARBIEUX, LAURENT	2,910,539
CHICHILNISKY, EDUARDO- JOSE	2,913,541	COMMUNICATIONS LLC	2,913,141	DEBOER, CHARLES	2,913,254
CHIPROOT, AVI	2,913,409	CORNING OPTICAL		DEBUSSCHERE, TOM	2,913,297
CHIPROOT, AVI	2,913,410	COMMUNICATIONS LLC	2,913,143	DEGEORGE, MARCO	2,895,668
CHIU, CHARLES	2,909,721	CORNING OPTICAL		DEHEZ, BRUNO	2,913,502
CHOI, JUN HWA	2,913,121	COMMUNICATIONS RF		DEKKER, BRENT E.	2,913,662
CHOI, SU BONG	2,913,121	LLC	2,913,134	DEL AMO CASADO, CRISTINA	2,913,510
CHRISTIANSON, MARK	2,913,416	CORRENTI, COLIN	2,913,029	DEL AMO CASADO, CRISTINA	2,913,511
CHUANG, CHIH-HUNG	2,913,051	CORRENTI, COLIN	2,913,127	DEL NIDO, PEDRO	2,913,338
CHUMAKOV, ILYA	2,913,331	CORRETJER, JESUS F.	2,913,129	DELCOURT, MARC	2,913,225
CHUNG, BONG HYUN	2,913,491	COTE, MONIQUE LISE	2,913,141	DELLINGER, JOSEPH ANTHONY	2,913,224
CHURCHILL, CHRISTOPHER	2,913,180	COTESTA, SIMONA	2,912,986	DELTA T CORPORATION	2,913,422
CID-ARREGUI, ANGEL	2,913,107	COTESTA, SIMONA	2,912,991	DENISART, JEAN-PAUL	2,913,227
CLAUSS, JOACHIM	2,913,382	COTESTA, SIMONA	2,913,223	DENKER, JANA	2,913,209
CLAUSS, JOACHIM	2,913,446	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2,913,281	DEPTFORD, DANIEL	2,913,650
CLAUSS, JOACHIM	2,913,498	COVAR APPLIED		DERKSEN, SWETLANA	2,913,222
CLAUSS, JOACHIM	2,913,501	TECHNOLOGIES, INC.	2,913,294	DESVAUX DE MARIGNY, CHRISTOPHER	2,912,981
CLAUSS, JOACHIM	2,913,521	COX, ANDREW D.	2,913,119	DEUTSCHES KREBSFORSCHUNGSZEN TRUM	2,913,107
COCHONNEAU, DENIS	2,910,855	CRAWSHAY, DAVID	2,913,193	DEVAL, JEROME	2,913,206
COE, JONATHAN ALLEN	2,913,346	CREASEY, GRAHAM H.	2,913,074	DEVISETTI, NAGESWARA RAO DEEKSHITHA	2,913,049
COHEN, DANIEL	2,913,331	CROCCO, ROBERT L., JR.	2,913,650	DEVISETTI, NAGESWARA RAO DEEKSHITHA	2,913,178
COLIN, SEBASTIEN	2,913,577	CURSETJEE, ZAREER	2,913,472	DEVISETTI, NAGESWARA RAO DEEKSHITHA	2,913,179
COLOR IMAGE APPAREL, INC.	2,895,668	CURTIS, FRED, JR.	2,913,349	DEWA, YOSHIHARU	2,913,160
COLORMATRIX HOLDINGS, INC.	2,913,244	CUSUMANO, CORINNE	2,913,622	DEYOUNG, MAURICE P.	2,908,391
COMPANIA ELECTRO METALURGICA S.A.	2,913,601	CYRILLE, JARRIN	2,913,252	DHAWAN, MEDHAVI	2,913,036
CONOCOPHILLIPS CANADA RESOURCES CORP.	2,913,130	CYTRX CORPORATION	2,912,908		
CONOCOPHILLIPS CANADA RESOURCES CORP.	2,913,140	DAENEN, LUK	2,913,217		
		DAHANUKAR, VILAS	2,913,192		
		DAMSTEDT, BRADLEY	2,913,645		
		DANA-FARBER CANCER INSTITUE, INC.	2,913,105		
		DANA-FARBER CANCER INSTITUTE, INC.	2,913,490		
		DANGLAS, PASCAL	2,910,539		

Index of PCT Applications Entering the National Phase

DIAMANT LAZAROVICH, STELA	2,913,001	EFRANAT LTD.	2,913,115	FIRST PRINCIPLES, INC.	2,912,951
DIAZ, JEROME VILLARAMA	2,913,629	EFRATI, TZAHY	2,913,181	FISCH, RALF WALTER	2,913,314
DICKHAUT, JOACHIM	2,913,222	EIJGELAAR, WOUTER-JAN	2,913,447	FISCHER, BERNHARD	2,907,693
DIETRICH, GERALD	2,913,309	EINOLA, KALLE	2,913,449	FISCHER, REINER	2,913,509
DIGIANDOMENICO, ANTONIO	2,911,209	EIRMBTER, SEBASTIAN	2,913,319	FISCHER, SVEN	2,913,593
DINKINS, WALTER R.	2,913,214	EISENBACH-SCHWARTZ, MICHAL	2,913,274	FITZGERALD, PETER	2,913,524
DINNE, NARESH KUMAR REDDY	2,913,192	EKBERG, BJARNE	2,913,397	FIVE PRIME THERAPEUTICS, INC.	2,908,391
DIONNE, DONALD JEFFREY	2,913,076	EKVALL, CRAIG	2,913,416	FLORIMOND, VALERY	2,913,071
DISPLAY TECHNOLOGIES	2,913,500	ELANCO US INC.	2,913,596	FLOYD, THOMAS W.	2,913,272
DIXIT, SURJIT BHIMARAO	2,913,363	ELBERBAUM, DAVID	2,913,475	FLYGARE, JOHN	2,910,029
DOBSON, JAMES W., JR.	2,913,628	ELBEX VIDEO LTD.	2,913,475	FMC TECHNOLOGIES, INC.	2,913,114
DOCK, STEVEN THOMAS	2,909,045	ELECTRICITE DE FRANCE	2,913,250	FONTAINE, LUCIEN PAUL	2,913,399
DOH, HYOUNMIE	2,913,126	ELECTROPHORETICS LIMITED	2,913,402	FOREMAN, JAMES MICHAEL	2,913,146
DOI, MASAKO	2,913,478	ELIEZER KRAUSZ INDUSTRIAL		FOREVER, INC.	2,913,119
DOLLASE, THILO	2,913,389	DEVELOPMENT LTD.	2,913,409	FORGIE, ALISON JANE	2,911,412
DOMETIC CORPORATION	2,913,265	ELIEZER KRAUSZ INDUSTRIAL		FORSWMANN, WOLF-GEORG	2,913,387
DOMINGUEZ LOPEZ, MARIANA	2,913,233	DEVELOPMENT LTD.	2,913,410	FORTE, PAOLO	2,913,376
DOMIT, ED	2,913,633	ELLENS, DOUGLAS C.	2,913,237	FRANKLIN, ETHAN W.	2,913,333
DONG, JIAN	2,913,195	ELMALEH, DAVID R.	2,913,235	FRANZUSOFF, ALEX	2,913,235
DONG, NAN	2,913,218	EMBRECHTS, WERNER	2,913,028	FRATTARELLI, DAVID L.	2,913,136
DONG-A SOCIO HOLDINGS CO., LTD.	2,913,126	EMOLO, CARLA	2,910,320	FRAUNHOFER- GESELLSCHAFT ZUR	
DONG-A ST CO., LTD.	2,913,126	ENDOU, YUUKI	2,913,293	FORDERUNG DER	
DORVILLIUS, MYLENE	2,910,855	ERLICH, HENRY A.	2,909,479	ANGEWANDTEN	
DOU, YUANCHUN	2,913,188	ESCOBAR-CABRERA, ERIC	2,913,370	FORSCHUNG E.V.	2,913,578
DOW GLOBAL TECHNOLOGIES LLC	2,913,048	ESPEUTE, FABIEN	2,913,576	FRAYLING, CAMERON ALEXANDER	2,907,865
DOW GLOBAL TECHNOLOGIES LLC	2,913,136	ESSENTIAL IP BV	2,913,447	FRED HUTCHINSON CANCER RESEARCH CENTER	2,913,029
DOW GLOBAL TECHNOLOGIES LLC	2,913,177	ESTRADA ALVA, DANIEL	2,913,507	FRED HUTCHINSON CANCER RESEARCH CENTER	2,913,127
DOYE, CHRISTIAN	2,913,073	ETIENNE, PIERRE-LUC	2,913,071	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	2,913,091
DR. REDDY'S LABORATORIES LIMITED	2,913,192	ETTRIDGE, DAVID GRAHAM	2,913,586	FREUDENBERG OIL & GAS, LLC	2,913,457
DRUMMOND, JEFERSON	2,913,466	EUBANKS, KEITH	2,913,231	FRICKE, HARALD	2,910,332
DSM IP ASSETS B.V.	2,913,097	EVANS, DAVID H.	2,909,225	FRICKE, MARC	2,913,077
DSM IP ASSETS B.V.	2,913,212	EVANSEN, EDWARD G.	2,913,343	FRITO-LAY NORTH AMERICA, INC.	2,913,488
DSM IP ASSETS B.V.	2,913,378	EVOM	2,912,981	FROCK, ADAM	2,913,463
DU, LIN	2,913,604	EVONIK DEGUSSA GMBH	2,913,386	FROCK, MELISSA	2,913,463
DU, LIN	2,913,608	EVONIK DEGUSSA GMBH	2,913,520	FROMAGERIES BEL	2,913,493
DUBOST, BRICE	2,912,805	EVONIK ROHM GMBH	2,913,309	FROYMAN, ROBRECHT	2,913,098
DUCHARME, JEAN-FRANCOIS	2,913,090	EXXONMOBIL CHEMICAL PATENTS INC.	2,913,033	FRYSZKOWSKA, ANNA	2,913,192
DUFALO, ROBERT R.	2,913,510	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,913,496	FUHRMANN, ULRIKE	2,913,085
DUGONJIC-BILIC, FATIMA	2,913,066	F. HOFFMANN-LA ROCHE AG	2,909,479	FUJIMORI KOGYO CO., LTD.	2,912,879
DUKE, PATRICK W.	2,913,540	F. HOFFMANN-LA ROCHE AG	2,913,174	FUNDACIO HOSPITAL UNIVERSITARI VALL	
DUNKERLEY, JOHN W.	2,913,539	FACEBOOK, INC.	2,913,131	D'HEBRON - INSTITUT DE RECERCA	2,911,353
DUNLAP, ROBERT KEITH	2,913,595	FACEBOOK, INC.	2,913,258	FUNDACIO PRIVADA INSTITUT	
DURAND, DIDIER NOEL	2,913,579	FACEBOOK, INC.	2,913,283	D'INVESTIGACIO	
DUSAR, WOUTER	2,913,297	FALCK SCHMIDT DEFENCE SYSTEMS A/S	2,913,461	ONCOLOGICA DE VALL	
DUTCH DNA BIOTECH B.V.	2,911,170	FAN, ERKANG	2,913,666	HEBRON	2,911,863
DUVAL, JEREMY	2,912,809	FAN, HAO	2,913,035	FUNDACION PARA LA INVESTIGACION	
DVASHI, ZEEV	2,913,582	FARKAS, ALEXANDER T.	2,913,188	BIOMEDICA DEL HOSPITAL	
DYATKINA, NATALIA	2,913,210	FARRAR, STEPHEN E.	2,913,343	UNIVERSITARIO RAMON Y CAJAL	2,913,182
EBERT, GREGOR KLAUS- PETER	2,913,189	FENTON, RENATA	2,913,119	FURBERG, GEIR	2,913,123
ECHEVERRI, NICOLAS A.	2,913,272	FENUCCIO, JACOB	2,913,477	FURBISH, KEVIN	2,913,506
ECOLAB USA INC.	2,913,120	FERNEKES, LEO	2,913,483		
ECOLAB USA INC.	2,913,128	FERRING B.V.	2,912,827		
ECOLAB USA INC.	2,913,401	FERRON-BRADY, GERALDINE	2,910,539		
EDWARDS LIFESCIENCES CORPORATION	2,910,870	FEUERSTEIN, ULF	2,908,391		
		FIATO, ROCCO A.	2,913,386		
		FINN, SCOTT ROGER	2,913,159		
			2,913,055		

Index des demandes PCT entrant en phase nationale

FUSSLEIN, MARTIN	2,913,509	GLAXOSMITHKLINE		GUPTA, SANJAY	2,913,483
GAARDER, PAL EVEN	2,913,208	BIOLOGICALS S.A.	2,913,025	GUPTA, SAMIR VILAS	2,913,102
GAGE, STEVEN KEITH	2,913,407	GLAXOSMITHKLINE		HACK, CORNELIS ERIK	2,913,318
GAJJI, BHARGAV	2,913,492	INTELLECTUAL		HAKANSSON, NICLAS	2,913,290
GAJRIA, AJAY	2,913,332	PROPERTY (NO.2)		HALDOR TOPSOE A/S	2,913,213
GALASSO, ANTHONY N.	2,913,174	LIMITED	2,908,391	HALLE, ROBER TER	2,913,252
GALDERMA RESEARCH & DEVELOPMENT	2,908,752	GLAXOSMITHKLINE		HALLIBURTON ENERGY SERVICES INC.	2,913,587
GANDHAM, SRI GANESH	2,913,277	INTELLECTUAL		HALLIBURTON ENERGY SERVICES, INC.	2,913,198
GANOR, YONATAN	2,911,613	PROPERTY		HALLIBURTON ENERGY SERVICES, INC.	2,913,200
GAO, XIAOHUA	2,913,188	DEVELOPMENT LIMITED	2,909,045	HALLIBURTON ENERGY SERVICES, INC.	2,913,242
GAO, XIAOHUI	2,913,194	GLEBA, YURI	2,913,068	HALLIBURTON ENERGY SERVICES, INC.	2,913,243
GARCIA, CESAR G.	2,913,408	GLOBAL BIOENERGIES	2,913,225	HALLIBURTON ENERGY SERVICES, INC.	2,913,251
GARNWEIDNER, PETER	2,913,082	GLOBALACORN LTD.	2,913,313	HALLIBURTON ENERGY SERVICES, INC.	2,913,253
GARVER, ALYSSA	2,913,584	GLOMERIA THERAPEUTICS SRL	2,912,992	HALLIBURTON ENERGY SERVICES, INC.	2,913,320
GAUDREAU, JOSEPH M.	2,913,343	GONZALES, GILBERT R.	2,913,296	HALLIBURTON ENERGY SERVICES, INC.	2,913,492
GAUFFIN CANO, PAOLA	2,913,391	GONZALEZ, FERNANDO	2,913,507	HAMBLETON, JULIE	2,908,391
GE AVIATION SYSTEMS LLC	2,913,526	GONZALEZ, FERNANDO	2,913,510	HAMILTON, CRAIG JAMES	2,913,450
GE AVIATION SYSTEMS LLC	2,913,527	GONZALEZ, FERNANDO	2,913,511	HAMMERMAN, PETER	2,913,490
GE AVIATION SYSTEMS LLC	2,913,586	GOOD, ANDREW	2,913,417	HAN, KYUNG MI	2,913,126
GEARY, TIMOTHY	2,913,596	GOODSPEED, KEVIN	2,913,616	HAN, ZHENFU	2,913,622
GEISSLER, ANJA	2,913,209	GORANTLA, SRIKANTH SARAT CHANDRA	2,913,192	HANELT, ECKHARD	2,913,215
GEMEINHARDT, GREGORY CARL	2,913,046	GORGENYI, FRANK	2,913,507	HANNIG, HANS-JURGEN	2,912,978
GENENTECH, INC.	2,910,029	GORGENYI, FRANK	2,913,511	HANSEN, JAMES G.	2,913,346
GENERAL ELECTRIC COMPANY	2,913,031	GOUIN-DAVIS, SEBASTIEN	2,913,588	HARDING, FIONA A.	2,904,527
GENERAL ELECTRIC COMPANY	2,913,046	GR INTELLECTUAL RESERVE, LLC	2,913,205	HARDY, CRAIG	2,913,658
GENERAL ELECTRIC COMPANY	2,913,054	GRANGER, ALAIN	2,913,359	HARDY, CRAIG	2,913,665
GENERAL ELECTRIC COMPANY	2,913,055	GRASSER, MATTHEW	2,913,063	HAREL, MOSHE	2,913,228
GENERAL ELECTRIC COMPANY	2,913,528	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI	2,913,664	HARMON, ROBERT LYNN	2,913,198
GENERAL ELECTRIC COMPANY	2,913,536	GREEN, BRAD	2,913,086	HARPER, MARK FRANCIS LUCIEN	2,913,224
GENERAL ELECTRIC COMPANY	2,913,537	GREEN, MARTIN RAYMOND	2,912,825	HARPER, STUART J.	2,913,511
GENERAL MILLS, INC.	2,913,393	GREENFIELD, HANNAH	2,913,539	HARRIS, DANIEL	2,895,668
GEPPERT, KEVIN C.	2,913,591	GREENLINE, LLC	2,913,152	HARTL, GERHARD	2,913,390
GEPPERT, KEVIN C.	2,913,657	GREPIN, RENAUD	2,911,600	HATAKEYAMA, KAZUNORI	2,913,003
GERMAIN, MATTHIEU	2,913,023	GRESCHNER, MARTIN	2,913,541	HATANO, KUNIMICHI	2,913,287
GETING SOLUTIONS GMBH	2,913,638	GRESSER, MICHAEL JOSEPH	2,913,363	HATHAWAY, KYLE	2,913,239
GHODASARA, KAMLESH	2,913,096	GRIDTENTIAL ENERGY, INC.	2,913,059	HATTON, LESLIE	2,913,250
GHOSH, VIKRAMADITYA	2,913,393	GRIFFIN, ANNE	2,913,512	HAUFE, STEFAN	2,913,215
GIBBS, ROBERT JASON	2,913,242	GROGAN, ALISON	2,913,408	HAUSSLER, WOLFGANG	2,913,147
GIBSON, MARTIN	2,913,542	GRONDAL, CHRISTOPH	2,913,509	HAWKES, PHILIP MICHAEL	2,913,620
GIEFFERS, CHRISTIAN	2,910,332	GRONVALL, ERIK	2,913,237	HAWS, RONALD E.	2,913,659
GIJSMAN, PIETER	2,913,097	GROSSIN, BENOIT	2,913,250	HAWTHORNE, MATTHEW	2,913,241
GINIATULLIN, RASHID	2,913,313	GROSZ, JOHN ALAN	2,913,198	HAWTHORNE, STEPHAN A.	2,913,272
GINN, RICHARD	2,913,110	GROUNDMETRICS, INC.	2,913,202	HAZENBOS, WOUTER	2,910,029
GIRAUD, WILLIAM JULIUS MCPHIL	2,913,135	GRUJIC, DANICA	2,913,476	HE, LINGMIN	2,913,552
GIRAUD, WILLIAM JULIUS MCPHIL	2,913,138	GRUMBERG, MATHIEU	2,912,837	HE, YIFENG	2,913,218
GIRAUD, WILLIAM JULIUS MCPHIL	2,913,141	GRUNENTHAL GMBH	2,913,209	HEDRICK, SHAUN C.	2,913,511
GIRAUD, WILLIAM JULIUS MCPHIL	2,913,143	GRUPO P.I. MABE, S.A. DE C.V.	2,913,207	HELMRICH, CHRISTIAN	2,913,578
GIRITCH, ANATOLI	2,913,068	GUAGNANO, VITO	2,912,986	HENDERSON, WINSTON E.	2,913,151
GLADMAN, JUNE	2,913,658	GUAGNANO, VITO	2,912,991	HENDRIKSEN, COEN	2,913,520
GLADMAN, JUNE	2,913,665	GUAGNANO, VITO	2,913,223	HENKEL AG & CO. KGAA	2,913,113
		GUAN, LING	2,913,218	HENKET, JOLANDA	2,913,629
		GUECLUE, MEHMET	2,913,509	HENSGEN, DEBRA	2,913,542
		GUI GLOBAL PRODUCTS, LTD.	2,913,630	HERAKLES	2,913,030
		GUNDE, TEA	2,913,069	HERAKLES	2,913,229
		GUO, LIWEI	2,913,615		
		GUPTA, ANURAG WINDLASS	2,912,392		
		GUPTA, ANURAG WINDLASS	2,913,142		

Index of PCT Applications Entering the National Phase

HERAKLES	2,913,232	HUSKY INJECTION MOLDING	JADHAV, PRAKASH	
HERBERT, JOHN M.	2,913,662	SYSTEMS LTD.	KASHIRAM	2,913,046
HERESCO-LEVY, URIEL	2,913,454	HUTZLER, JOHANNES	JAESCHKE, EDGAR	2,913,638
HERMANN, CHRISTIAN	2,913,201	HWANG, HAN YOUNG	JAIN, SHREYANS KUMAR	2,913,281
HERNANDEZ LUIS,		HWANG, IN-SIK	JAIS, ALEXANDRE	2,913,552
FRANCISCO	2,913,233	HWANG, KYUSANG	JAMES, SEAN M.	2,913,544
HERRAIZ, IVAN	2,913,030	HYDAC DRIVE CENTER	JAMON, THIBAUT	2,913,579
HEYMAN, DEREK	2,913,538	GMBH	JANETKA, JAMES W.	2,913,622
HIBBS, ANDREW DENNIS	2,913,202	HYDROGENICS	JANG, MYEOUNG HEE	2,913,118
HIETBRINK, ROELANT		CORPORATION	JANG, SEIL	2,913,118
BOUDEWIJN	2,913,190	HYKES, KEVIN ROBERT	JANNE, PASI A.	2,913,105
HIGBIE, COLIN BAIRD	2,913,460	I'ANSON, JESS	JANOT, RAPHAEL L.	2,913,229
HIGHAM, CAMILLE	2,912,811	ICEPIPE CORPORATION	JANOUS, BRIAN	2,913,544
HIGHAM, CAMILLE	2,912,817	ICHINO, YUSUKE	JANSSEN SCIENCES IRELAND	
HIKIDA, KAZUO	2,913,487	ICON BIOSCIENCE, INC.	UC	2,913,028
HILD, ALEXANDRA	2,913,177	IGNITIONONE, INC.	JASKELA, MARIA	
HINDUSTAN PETROLEUM		IHM, NICHOLAS	CONSOLACION	2,913,040
CORPORATION LTD.	2,913,277	ILG, KERSTIN	JASKELA, MARIA	
HIRAHASHI, JUNICHI	2,911,483	IMEC VZW	CONSOLACION	2,913,041
HIRAO, TAKAYUKI	2,913,316	IMMUNOVACCINE	JASKELA, MARIA	
HIRSCH, GIL	2,913,461	TECHNOLOGIES INC.	CONSOLACION	2,913,050
HOCHMAN, EREZ	2,912,875	INBAR, PETRA	JAUBERT, PHILIPPE	2,913,103
HOCKER, JON, A.	2,913,406	INDERHEES, MARK A.	JENA, BIPULENDU	2,913,052
HOEINK, TOBIAS	2,913,163	INDERHEES, MARK A.	JENNINGS, JAMES ROBERT	2,913,061
HOFFMAN, JOSEPH A.	2,913,272	INDIAN INSTITUTE OF	JEONG, YOON JUNG	2,913,547
HOGERS, RENE CORNELIS		TECHNOLOGY, DELHI	JEPSON, LAUREN	2,913,541
JOSEPHUS	2,913,236	INDUS BIOTECH PRIVATE	JESCHKE, PETER	2,913,509
HOGGARTH, ANDREW	2,913,658	LIMITED	JI, HONGJIN	2,913,317
HOGGARTH, ANDREW	2,913,665	INEOS BIO SA	JIA, XIAOCHUAN	2,913,586
HOGLUND, BRYAN	2,909,479	INFANGER, IVO	JIANGSU HENGRUI	
HOLCOMB, CHERIE	2,909,479	INFIANA GERNAMY GMBH &	MEDICINE CO., LTD.	2,913,194
HOLFINGER, KONSTANTIN	2,913,326	CO. KG	JIANGSU HUIFENG	
HOLMES, DAVID R., JR.	2,913,043	INGBER, DONALD E.	AGROCHEMICAL CO.,	
HONDA MOTOR CO., LTD.	2,913,287	INIESTO SANCHEZ, ELISA	LTD.	2,913,317
HONGTA TOBACCO (GROUP)		INSTITUT NATIONAL DE LA	JIN, ZHINAN	2,913,206
CO., LTD.	2,913,188	SANTE ET DE LA	JOBIN, PIERRE	2,913,090
HOOGENAKKER, JON E.	2,913,591	RECHERCHE MEDICALE	JOHN BEAN TECHNOLOGIES	
HORCAJADA, MARIE NOELLE	2,912,957	(INSERM)	CORPORATION	2,913,406
HORCAJADA, MARIE NOELLE	2,913,621	INSTITUT NATIONAL DE LA	JOHNSEN, HEIDI	2,913,328
HOSPIRA, INC.	2,913,421	SANTE ET DE LA	JOHNSON & JOHNSON	
HOU, ZHONGGANG	2,913,234	RECHERCHE MEDICALE	VISION CARE, INC.	2,912,811
HOWSE, BRIAN LEONARD		(INSERM)	JOHNSON & JOHNSON	
WILLIAM	2,913,076	INSTITUT PASTEUR	VISION CARE, INC.	2,912,817
HOYES, JOHN BRIAN	2,913,654	INTELLILUM, LLC	JOHNSON, BARBARA J.B.	2,909,721
HOYLER, WOLFGANG	2,913,390	INTUIT INC.	JOHNSON, KEITH A.	2,913,150
HSU, YUNG-YU	2,913,483	IPHENOTYPE LLC	JOLCK, RASMUS IRMING	2,913,100
HU, MAE W.	2,913,336	IPHENOTYPE LLC	JOMARD, ANDRE	2,908,752
HUANG, CHUN	2,913,664	IPHENOTYPE LLC	JONCKERS, TIM HUGO	
HUANG, GLENN T.	2,913,336	IRIGOYEN MIGUEL, MARIA	MARIA	2,913,028
HUANG, WENLIN	2,913,035	LUISA	JONES, BRIAN	2,913,244
HUAWEI TECHNOLOGIES		IRONBURG INVENTIONS LTD	JOOS, NATHANIEL IAN	2,913,376
CO., LTD.	2,913,482	IRONMONGER, DUNCAN	JOSHI, RAJAN LAXMAN	2,913,615
HUAWEI TECHNOLOGIES		ISAAC, THOMAS HENRY	JUHL, HANS-JUERGEN	2,913,177
CO., LTD.	2,913,486	ISHIDA, NOBUHIRO	JULIA CANO, ANTONI	2,911,353
HUBMANN, GERHARD	2,913,324	ISHII, YUMIKO	JUNG, EUN-EE	2,913,126
HUFSCHEMID, ANDREAS	2,913,099	ISHINO, KEISUKE	K-HOLDING S.P.A.	2,912,869
HUGENER, BRUNO	2,913,070	ISOLYNX, LLC	KAGAYA, SHINJI	2,911,483
HUGHES, CHARLES J.	2,913,258	IVOCLAR VIVADENT, INC.	KAKURATA, KAZUAKI	2,913,293
HULTGREN, SCOTT	2,913,622	IWASAKI, TAKAHIRO	KALA PHARMACEUTICALS,	
HUMAYUN, MARK	2,913,254	IYER, NANDINI	INC.	2,913,417
HUNTER, KENNETH	2,913,147	IZUTSU, TAKAFUMI	KALITA, NICHOLAS	2,913,483
HUNTER, MELISSA	2,913,401	JAANU, TUOMAS	KALLOS, EFTHYMOS	2,913,185
HUNTER, ROBERT NEIL, III	2,909,045	JACK SEALEY LIMITED	KAMIYA, MAKU	2,911,483
		JACOBI, JAMES J., JR.	KAMIYA, SHOTA	2,913,003

Index des demandes PCT entrant en phase nationale

KAMUDA, NICHOLAS FERIANC	2,913,650	KLEI, DOUGLAS EDWARD	2,913,046	LAMONT, JOHN	2,913,524
KANE, KENNETH	2,913,053	KLOCKOW, SCOTT ALAN	2,913,056	LANDMARK GRAPHICS CORPORATION	2,913,193
KANE, KENNETH	2,913,065	KMIT, PAUL	2,913,237	LANDMARK GRAPHICS CORPORATION	2,913,203
KANG, HEUN-SOO	2,913,118	KNEER, SIMON	2,913,390	LANDMARK GRAPHICS CORPORATION	2,913,247
KANNAN, PALLIPURAM V.	2,913,471	KNIGHT, TROY E.	2,913,136	LANDMARK GRAPHICS CORPORATION	2,913,249
KAOHSIUNG MEDICAL UNIVERSITY	2,913,051	KNIPP, GUIDO	2,913,519	LANDMARK GRAPHICS CORPORATION	2,913,338
KAPLAN, JULIA	2,913,420	KO, BONG-KOOK	2,910,407	LANDMARK GRAPHICS CORPORATION	2,913,312
KAPSON, JOHN D.	2,913,231	KO, HSIU-FEN	2,913,051	LANG, NORA	2,913,016
KARASINA, FAINA	2,913,336	KO, HYOUNG SHIN	2,913,121	LANGER, CHRISTOPH	2,913,338
KARCZEWICZ, MARTA	2,913,615	KOC UNIVERSITESI	2,913,211	LANGER, ROBERT S.	2,913,312
KARHUNEN, PIRKKO	2,913,395	KOEFOED, KLAUS	2,910,029	LANGERMANN, SOLOMON	2,913,222
KARHUNEN, PIRKKO	2,913,448	KOFFENBERGER, DANIELLE	2,906,373	LANGEWALD, JUERGEN	2,913,391
KARMON, YORAM	2,912,997	KOH, JOON-HO	2,913,238	LAPARRA LLOPIS, MOISES	2,913,322
KARNATI, RANGARANI	2,913,120	KOJIMA, NOBUSATO	2,913,487	LARIMORE, WALLACE E.	2,913,527
KARNATI, RANGARANI	2,913,128	KOLLER, RAFFAEL	2,913,222	LARKIN, JEFFREY MICHAEL	2,912,997
KARP, JEFFREY M.	2,913,338	KOLLS, BROCK	2,913,086	LASSER, HAIM	2,913,028
KASTEN, STEPHEN P.	2,913,158	KONDEX CORPORATION	2,913,150	LAST, STEFAAN JULIEN	2,909,581
KATAHIRA, SATOSHI	2,912,037	KONING, CORNELIS EME	2,913,212	LAU, JESPER F.	2,913,240
KATO, YOSHINAGA	2,913,503	KONING, CORNELIS EME	2,913,378	LAUDET, ALAIN	2,913,297
KAWANO, TETSUYA	2,913,106	KONINKLIJKE PHILIPS N.V.	2,913,190	LAUWERES, FILIP	2,911,412
KAY, JONATHAN M.	2,913,510	KOPPERSCHMIDT, PASCAL	2,913,091	LAVALLIE, EDWARD ROLAND	2,913,124
KAZEROONI, HOMAYOON	2,913,547	KOREA RESEARCH INSTITUTE OF BIOSCIENCE	2,913,491	LAWAL, OLIVER	2,910,855
KAZURO, SHIOMI	2,913,098	KOROLEV, ALEXANDER	2,913,374	LE DOUSSAL, JEAN-MARC	2,913,071
KEANE, BRIAN E.	2,913,650	KORTEK INDUSTRIES PTY LTD	2,913,643	LE PAVEN, YVON	2,913,237
KEEN, BRYAN	2,913,483	KORTMANN, OLIVER	2,913,523	LEBLANC, THOMAS G.	2,913,578
KELLY, JOSEPH WILLIAM	2,913,488	KORY, GAD	2,913,382	LECOMTE, JEREMIE	2,910,029
KELM, ROLAND	2,913,201	KORY, GAD	2,913,446	LEE, BYOUNG-CHUL	2,913,118
KETZEF, ALON	2,913,315	KORY, GAD	2,913,498	LEE, DONG HEE	2,897,331
KEYGENE N.V.	2,913,236	KORY, GAD	2,913,501	LEE, DONG JU	2,913,126
KHAJURIA, ANAMIKA	2,913,281	KORY, GAD	2,913,521	LEE, DONGSOP	2,913,118
KHAN, AJMAL	2,913,112	KORY, GAD	2,913,517	LEE, EUN BONG	2,913,118
KHAN, NAIMUL MAFRAZ	2,913,218	KOSCHUTNIG, PETER	2,913,517	LEE, EUN YOUNG	2,913,118
KIEFFER, JANEL MARIE	2,913,401	KOTNIK, PAUL T.	2,913,421	LEE, HYUN JU	2,913,121
KIEN, KATHRYN CHRISTIAN	2,913,133	KRAUS, HELMUT	2,910,604	LEE, JAE AN	2,913,054
KIEN, KATHRYN CHRISTIAN	2,913,303	KRAY, NICHOLAS JOSEPH	2,913,046	LEE, JASON ADAM	2,913,126
KILPELAINEN, ILKKA	2,913,395	KRAY, NICHOLAS JOSEPH	2,913,055	LEE, JINSEOK	2,910,407
KILPELAINEN, ILKKA	2,913,448	KRINFELD, BELLA	2,912,997	LEE, JONG-SEO	2,913,118
KIM, BYONG MOON	2,913,126	KRISHNA, SRINIVAS	2,913,218	LEE, KE SE	2,910,407
KIM, CHAE YOUNG	2,913,126	KROHN, CHRISTINE E.	2,913,496	LEE, SOOK-YEON	2,913,126
KIM, DEOG JOONG	2,913,611	KRONPASS, MANUEL	2,913,062	LEE, SUNG-HEE	2,913,491
KIM, DONG HOON	2,913,592	KRUGER, URSUS	2,913,073	LEE, UI JIN	2,913,611
KIM, DONG JIN	2,913,118	KRUSE, THOMAS	2,909,581	LEE, YOUNG BOK	2,910,407
KIM, DONG-HYEON	2,913,126	KUANG, YANAN	2,913,105	LEE, YOUNG-HA	2,913,338
KIM, HEE CHAN	2,913,118	KUBA, LAWRENCE M.	2,913,139	LEE, YUHAN	2,913,477
KIM, KYU-TAE	2,910,407	KUBA, LAWRENCE M.	2,913,148	LEFEVRE, ANNE-SOFIE	2,910,029
KIM, KYUNAM	2,913,547	KULMAN, JOHN	2,913,078	LEHAR, SOPHIE M.	2,913,517
KIM, KYUNG JIN	2,913,118	KUMAR, PUNEET	2,913,634	LEHNER, JURGEN	2,913,251
KIM, TAE KYUN	2,913,592	KUMAR, RAKESH	2,908,391	LEHRLING, GUNNAR	2,913,638
KIM, WOO-SHIK	2,913,615	KUMAR, RAKESH	2,908,391	LEIPOLD, JOACHIM	2,913,601
KIM, YOO-JIN	2,913,126	KUNCIO, STEPHEN J.	2,913,264	LEIVA ILLANES, RICARDO	2,913,319
KING, ALISTAIR W. T.	2,913,395	KUSUBE, SHINSAKU	2,913,003	LEONARD, CHRISTIAN	2,913,494
KING, ALISTAIR W. T.	2,913,448	KWUN, ARTHUR	2,913,584	LEONOV, MIKHAIL	2,910,604
KINNEBREW, PETER TOBIAS	2,913,650	KYAN, MATTHEW	2,913,218	LERCHL, JENS	2,913,090
KINTZ, GREGORY J.	2,913,474	KYLLONEN, LASSE	2,913,448	LES ENCEINTES ACOUSTIQUES UNISSON INC.	2,913,261
KIPMAN, ALEX ABEN-ATHAR	2,913,650	KYUNG DONG ONE CORPORATION	2,913,109	LESCOCHE, PHILIPPE	2,913,590
KIRBY, GLEN HAROLD	2,913,031	LAFFET, GILBERT	2,908,752	LEUFGENS, MARKUS	2,913,579
KIRCHHOFF, FRANK	2,913,387	LAGAE, LIESBET	2,912,947	LEUTARD, FLORENCE IRENE NOELLE	2,913,579
KIRK, THOMAS A.	2,913,657	LAIRSON, LUKE	2,913,634		
KISHOR, KAUSHAL	2,913,497	LAJESIC, BORISA	2,913,200		
KITTA, TAKEHIRO	2,913,293	LAJESIC, BORISA	2,913,253		
KIYONO, KUNIHICO	2,912,881	LAMDA GUARD TECHNOLOGIES LIMITED	2,913,185		
KLEEFELD, GERD	2,913,098				

Index of PCT Applications Entering the National Phase

LEUTNER, DIRK	2,913,326	MAHAFFEY, KEVIN PATRICK	2,913,102	MCCORMICK, MATTHEW	2,913,254
LEVANDOSKI, JUSTIN	2,913,589	MAHANTHAPPA, NAGESH K.	2,911,514	MCCRISTLE, KELLY JUSTIN	2,913,346
LEVENDUSKY, JOSEPH A.	2,913,220	MAKER, GARETH THOMAS	2,913,450	MCCULLOCH, WILLIAM	
LEVEY, MARK	2,913,663	MAKRIS, KONSTANTINOS	2,913,524	FRANCIS	2,912,866
LEVI, TAMIR S.	2,910,870	MALCORPS, PHILIPPE	2,913,217	MCGILL UNIVERSITY	2,913,596
LEVITT, DANIEL	2,912,908	MALONEY, CHRISTOPHER	2,913,548	MCGREEVY, SEAN C.	2,913,272
LEVY, LAURENT	2,913,023	MALOTT, DALE	2,913,265	MCINTOSH, KIRSTY	2,913,400
LI, AN	2,911,170	MALSAM, OLGA	2,913,509	MCKEON, TOM	2,912,821
LI, HUIGING	2,911,209	MAN, VICTOR FUK-PONG	2,913,401	MCKNIGHT, GREGORY	
LI, JIN	2,913,404	MANN, CHANCE E.	2,913,659	JOSEPH	2,913,544
LI, QIANG	2,913,055	MANNHART, HUBERT	2,913,270	MCMILLAN, WILLIAM A.	2,913,474
LI, XIAOXIAO	2,913,187	MANNION, PAUL	2,913,220	MCMULLEN, MAX	2,913,513
LI, YUJUN	2,913,187	MANSHEIM, JONATHAN F.	2,913,264	MCQUEEN, DENNIS ALAN	2,913,081
LIANG, HUI-CHUNG	2,913,402	MANSOUR, MARC	2,908,042	MEADE, FREDERICK W.	2,912,837
LIANG, MIN	2,909,225	MARCANO, DANIELA	2,912,975	MEAKEM, GLEN THEODORE	2,913,119
LIAO, I-CHIEN	2,913,398	MARCHMONT PTY LIMITED	2,913,057	MECATHERM	2,913,183
LIAO, ZHENXING	2,913,482	MARCO CONTELLES, JOSE		MEDICAL RESEARCH	
LIFECCELL CORPORATION	2,913,398	LUIS	2,913,182	COUNCIL	2,907,865
LIFSHITS, MIKHAIL	2,913,001	MARGALIT, ILANA	2,913,115	MEDIMMUNE, LLC	2,911,209
LIFSHITS, SVETA	2,913,115	MARGOLIN, ALEXEY	2,913,476	MEDIMMUNE, LLC	2,913,312
LIN, CHIA-YANG	2,911,412	MARIATHASAN, SANJEEV	2,910,029	MEDTRADE PRODUCTS	
LIN, HUAFENG	2,913,482	MARKEY, BRIAN G.	2,913,421	LIMITED	2,913,658
LINDENTHAL, BERNHARD	2,913,085	MARKOSYAN, AVETIK	2,913,252	MEDTRADE PRODUCTS	
LINDGREN, ROBERT	2,913,323	MARKOVIC, GORAN	2,913,578	LIMITED	2,913,665
LINDSTROM, JEFF	2,910,870	MARKS, NATHAN E.	2,913,272	MEDYMATCH TECHNOLOGY	
LITSCHER, ERIC KARL	2,913,220	MARLIERE, PHILIPPE	2,913,225	LTD	2,913,286
LITTLEJOHN, MATTHEW HAL	2,913,536	MARLIN, FREDERIC	2,913,232	MEENA, SAMDARSHI	2,913,281
LIU, HEXIN	2,913,664	MARSAL BARRIL, SARA	2,911,353	MEHLIN, CHRISTOPHER	2,913,029
LIU, LINDA	2,913,312	MARSALA, ALBERTO F.	2,913,202	MEHLIN, CHRISTOPHER	2,913,127
LIU, MEI	2,913,120	MARSALEK, DANIEL F.	2,913,458	MEHUL, BRUNO	2,908,752
LIU, MEI	2,913,128	MARTIN, JERRY LYNN	2,913,535	MEI, LUCIANO	2,912,950
LIU, QUNBO	2,913,664	MARTIN, PIERRE BERNARD	2,913,577	MEI, LUCIANO	2,912,961
LIU, SONG	2,913,196	MARTINSEN, PAUL JULIAN	2,913,171	MEIERER, ROMAN	2,913,268
LIU, TONGYAO	2,913,078	MARCAUX, CLEMENTINE	2,913,025	MEMBREZ, FANNY	2,912,957
LJUBICIC, DAMIR	2,913,666	MASON, RONALD ROBERT	2,913,057	MEMBREZ, FANNY	2,913,621
LOCATELLI, DAVID	2,913,030	MASSACHUSETTS INSTITUTE		MEMORIAL SLOAN-	
LOEFFELHOLZ, TODD A.	2,913,237	OF TECHNOLOGY	2,913,338	KETTERING CANCER	
LOMBARDI, LUCA	2,912,961	MASSEY, LAURA K.	2,913,650	CENTER	2,913,341
LOMET, DAVID B.	2,913,589	MASSINI, ANDREA	2,912,950	MEMORIAL UNIVERSITY OF	
LOOKOUT, INC.	2,913,102	MASSINI, ANDREA	2,912,961	NEWFOUNDLAND	2,913,512
LORTZ, BEATA MARIA	2,913,386	MASTRANGELO, ANTONIO	2,913,539	MENAND, JEAN-RENE	2,913,542
LOSEL, PETER	2,913,509	MATERIALS AND SYSTEMS		MENASHE, SHAKED	2,913,191
LOU, HUADONG	2,913,591	RESEARCH, INC.	2,913,238	MENCAGLIA, XAVIER	2,913,577
LOWER, MARTIN	2,911,945	MATIKAINEN, JORMA	2,913,395	MENGEL, ANNE	2,913,085
LOZOVAYA, NATALYA	2,913,313	MATIKAINEN, JORMA	2,913,448	MENZEL, JURGEN	2,913,594
LU, YUN-CHI	2,913,051	MATLOW, MELL	2,913,230	MERLIN, SIMONE	2,913,117
LUCAS, RUDOLF	2,907,693	MATSUSHITA, SHINYA	2,913,003	METABOLIC ENGINEERING	
LUDWIG, CAROLIN	2,913,098	MATZNER-LOBER, ERIC	2,913,250	LABORATORIES CO.,	
LUIPOLD, LEE ANN	2,913,133	MAURY MICROWAVE, INC.	2,913,268	LTD.	2,913,118
LUIPOLD, LEE ANN	2,913,303	MAX BOGL WIND AG	2,913,594	METAVENTION, INC.	2,913,346
LUMASTREAM CANADA ULC	2,913,239	MAY, DAMON	2,913,127	METSA FIBRE OY	2,913,395
LUO, SONG	2,913,404	MAY, DEWAYNE	2,913,214	METSALIITTO OSUUSKUNTA	2,913,448
LURIA, GILAD	2,912,875	MAYAYO FALO, TEODORO	2,913,394	METZ, FRANCOIS	2,913,504
M.A.S. MED GLOBAL LTD	2,913,191	MAYFIELD, WALTER G.	2,913,630	MEUNIER ARTIGAS, RAOUL	2,913,601
MACHLIN, SAGIE	2,913,415	MAYO FOUNDATION FOR		MEUNIER, JULIEN	2,913,576
MADEPOGU, PAUL	2,906,373	MEDICAL EDUCATION		MEYER, SEBASTIAN	2,913,069
MADHAVARAPU, PRADEEP		AND RESEARCH	2,913,043	MEYRE, MARIE-EDITH	2,913,023
JNANA	2,912,392	MAZALEYRAT, SABINE	2,913,225	MICROMASS UK LIMITED	2,912,825
MAEDA, FUMIHIRO	2,913,027	MC GOWAN, DAVID CRAIG	2,913,028	MICROMASS UK LIMITED	2,913,654
MAEDA, NAOHIRO	2,913,113	MC10, INC.	2,913,483	MICROSOFT TECHNOLOGY	
MAGNA INTERNATIONAL		MCADOW, MOLLY	2,910,320	LICENSING, LLC	2,913,507
INC.	2,913,082	MCBRAYER, BRETT	2,910,239	MICROSOFT TECHNOLOGY	
MAGNOMATICS LIMITED	2,911,682	MCCANN, JENNIFER MARIE	2,913,076	LICENSING, LLC	2,913,510
MAGYARICS, ZOLTAN	2,913,088	MCCONNELL, IVAN	2,913,524		

Index des demandes PCT entrant en phase nationale

MICROSOFT TECHNOLOGY LICENSING, LLC	2,913,511	NAGASE, TATSUYA	2,913,503	NOMURA, JUNPEI	2,912,879
MICROSOFT TECHNOLOGY LICENSING, LLC	2,913,513	NAGRAVISION S.A.	2,913,444	NOORT, MARTIJN WILLEM-JAN	2,913,629
MICROSOFT TECHNOLOGY LICENSING, LLC	2,913,544	NAGURA, RISA	2,912,037	NORDAHL, GEIR	2,913,125
MICROSOFT TECHNOLOGY LICENSING, LLC	2,913,548	NAGY, ESZTER	2,913,088	NORDSON CORPORATION	2,913,591
MICROSOFT TECHNOLOGY LICENSING, LLC	2,913,589	NAN, XIAOMING	2,913,218	NORDSON CORPORATION	2,913,657
MICROSOFT TECHNOLOGY LICENSING, LLC	2,913,650	NANDULA, PHANI	2,913,046	NORTEK AIR SOLUTIONS, LLC	2,913,472
MIEDEMA, GREG	2,913,480	NANDWANI, ANKUR		NORTHEY, ROBERT	2,913,137
MIETTINEN, MIKKO	2,913,449	NANOBIOITIX	2,913,102	NORTHWESTERN UNIVERSITY	2,913,234
MIETZNER, THOMAS	2,910,604	NANOVI RADIOTHERAPY APS	2,913,100	NOUR, EHAB MAHMOUD AHMED	2,913,198
MIKA, HANS-JUERGEN	2,913,326	NARINE, ARUN	2,913,222	NOVARTIS AG	2,912,986
MILLER, ANDREW DAVID	2,913,313	NATALE, ALESSANDRA	2,907,865	NOVARTIS AG	2,912,991
MILLER, THOMAS DEWEY	2,913,134	NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY	2,913,499	NOVARTIS AG	2,913,223
MILLS, RYAN CHRISTOPHER	2,913,536	NATUCCI, LANNY D.	2,913,510	NOVARTIS TIERGESUNDHEIT AG	2,913,662
MILNER, GEORGE MARTIN	2,913,294	NATUCCI, LANNY D., JR.	2,913,511	NOVO NORDISK A/S	2,909,581
MILOSZEWSKI, STAN	2,913,349	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPP		NOVOZYMES A/S	2,910,239
MIMOUN, EMMANUEL	2,912,805	ELIJK ONDERZOEK TNO	2,913,629	NOWAK, PAWEL WOJCIECH	2,913,417
MINTZ, IDO	2,913,415	NESTEC S.A.	2,912,957	NRL PHARMA, INC.	2,911,483
MISSIAKAS, DOMINIQUE M.	2,910,320	NESTEC S.A.	2,913,108	NUGENT, ALEX	2,913,552
MITSUBISHI ELECTRIC CORPORATION	2,913,003	NESTEC S.A.	2,913,227	NUMAB AG	2,913,069
MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.	2,913,293	NESTEC S.A.	2,913,621	NUMAO, YASUHIRO	2,913,316
MIURA, KOICHI	2,912,879	NETTEM, VENKATESWARLU CHOUDARY	2,913,277	NUOVO PIGNONE SRL	2,912,950
MIURA, SHINICHI	2,913,625	NEUBER, MARITA	2,913,066	NUOVO PIGNONE SRL	2,912,961
MIYAOKA, HIROSHI	2,913,316	NEUROSN, INC.	2,913,296	NUOVO PIGNONE SRL	2,913,022
MIZUI, NAOMITSU	2,913,487	NEUVILLE, SCOTT E.	2,912,538	NUOVO PIGNONE SRL	2,913,026
MIZUSAWA, HIDEHIRO	2,913,499	NEVILE, JONATHAN CAVENDISH	2,913,058	NURNBERGER, THOMAS	2,913,091
MO, KAI-FOR	2,911,209	NEVILE, JONATHAN CAVENDISH	2,913,060	NUSSLE, TOBIAS	2,913,204
MOILANEN, TUOMO	2,913,449	NEWCOMBE, CHRISTOPHER RICHARD	2,912,392	NUVERA FUEL CELLS, INC.	2,913,633
MONDRAGON, ALFONSO	2,913,234	NEWTON, NICOLAS	2,909,479	NYSSEN, OLIVIER	2,913,240
MOOMAW, DANIEL	2,913,059	NEXTEK POWER SYSTEMS, INC.	2,913,588	O'BRIAN, MICHAEL A.	2,913,157
MOON, SCOTT W.	2,913,150	NG, CLARENCE WING YIN	2,913,036	OBERDOERFER, YORK	2,913,528
MOONSAMY, PRISCILLA	2,909,479	NG, GORDON YIU KON	2,910,945	OCULUS INNOVATIVE SCIENCES, INC.	2,913,137
MOR RESEARCH APPLICATIONS LTD.	2,913,582	NG, GORDON YIU KON	2,913,363	ODET, SAMUEL	2,913,227
MORCH, YRR	2,913,328	NGUYEN HOANG, SANG SEBASTIEN	2,913,314	OFFORD CAVIN, ELIZABETH	2,912,957
MORGAN, ROBERT	2,913,283	NGUYEN, MAN MINH	2,913,220	OFFORD CAVIN, ELIZABETH	2,913,621
MORIGUCHI, MASAHIRO	2,913,113	NGUYEN, SON V.	2,910,870	OGD2 PHARMA	2,910,855
MORISAKI, JOHN HIROSHI	2,910,029	NICOVENTURES HOLDINGS LIMITED	2,912,821	OJO, KAYODE K.	2,913,035
MOROLI, VALERIO	2,913,116	NIIDA, MITSUO	2,913,623	OKA ROCK BOLT TECHNOLOGIES PTY LIMITED	2,913,663
MORTENSON, MARK G.	2,913,205	NIPPON KAYAKU KABUSHIKI KAISHA	2,913,481	OKADA, SHIYUICHI	2,913,287
MOSYAK, LIDIA	2,911,412	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,913,487	OKAMURA, KATSUMI	2,913,626
MOTOROLA SOLUTIONS, INC.	2,913,129	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,913,577	OKUBO, KOUSHU	2,911,483
MOTTA, ROSSANA	2,913,346	NISHIMURA, MASUHIRO	2,913,478	OLCER, SELIM	2,913,211
MOTTIER, BRADLEY DRAKE	2,913,081	NISHINA, KAZUTAKA	2,913,499	OLESON, RICHARD A.	2,913,422
MOU, DINGRONG	2,913,188	NISSAN MOTOR CO., LTD.	2,913,111	OLGUIN OLGUIN, DANIEL	2,913,538
MOYA PEREZ, ANGELA	2,913,391	NISSAN MOTOR CO., LTD.	2,913,316	OLSON, JAMES	2,913,029
MUI, COLLIN KWOK LEUNG	2,913,059	NOE, MARK EUGENE	2,913,031	OLSON, JAMES	2,913,127
MUIR, GORDON CAMERON	2,913,279	NOMAD BIOSCIENCE GMBH	2,913,068	OLSON, JUDD D.	2,913,272
MULTIVECTOR AS	2,913,125			OMURA, SATOSHI	2,913,098
MUNCH, JAN	2,913,387			ONG, WINSTON ZAPANTA	2,913,417
MYUNG, DAVID	2,913,552			ONISHI, KENJI	2,912,881
NABIROCHKIN, SERGUEI	2,913,331			ONISHI, TORU	2,912,037
NADAUD, NICOLAS	2,912,805			OPENTV, INC.	2,913,542
NAGAHAMA, YASUHARU	2,912,881			ORUKLU, MERIYAN	2,913,421
				OSMALOV, DAVID	2,913,195
				OTSUKA PHARMACEUTICAL CO., LTD.	2,912,881

Index of PCT Applications Entering the National Phase

OTSUKA PHARMACEUTICAL FACTORY, INC.	2,913,478	PIETERS, SERGE MARIA ALOYSIUS	2,913,028	R.P. SCHERER TECHNOLOGIES, LLC	2,913,146
OTTESEN, LONE	2,908,391	PIKE, IAN HUGO	2,913,402	RABOISSON, PIERRE JEAN- MARIE BERNARD	2,913,028
OU, RUCHONG	2,913,058	PILLOW, THOMAS H.	2,910,029	RACHMAN, ALEX	2,913,001
OU, RUCHONG	2,913,060	PINDIPROLU, SAIRAM KS	2,913,492	RAFFERTY, CONOR	2,913,483
OUTOTEC (FINLAND) OY	2,913,397	PINK, TODD CHRISTOPHER	2,913,246	RAJ, MILAN	2,913,483
OVEREND, ANDREW	2,913,244	PINKNER, JERRY	2,913,622	RAJAN, RAKHI	2,913,234
OXNARD, GEOFFREY	2,913,105	PIONEER HI-BRED INTERNATIONAL, INC.	2,913,485	RAJWANSHI, VIVEK KUMAR	2,913,210
OZANICH, BRENT MICHAEL	2,913,527	PIXIUM VISION	2,913,541	RAKUTO BIO TECHNOLOGIES LTD.	2,912,997
PADDISON, PATRICK	2,913,127	POINDEXTER, MICHAEL K.	2,913,048	RAMASUBRAMONIAN, ADARSH KRISHNAN	2,913,618
PADIYATH, RAGHUNATH	2,913,264	POIRIER, CHRISTOPHER	2,913,151	RAMESH, KANAPARTHI	2,913,277
PAGES, GILLES	2,911,600	POLLACK, AYALA	2,913,582	RANDOX LABORATORIES LTD.	2,913,524
PALIKARAS, GEORGE	2,913,185	POLLINA, MICHAEL	2,913,195	RANIERE, KEITH A.	2,912,951
PALMER, CHRISTOPHER D.	2,913,408	PONOMARENKO, SERGEY ANATOLYEVICH	2,913,599	RANKL, NANCY B.	2,913,222
PALMER, JASON	2,913,397	PONSSE OYJ	2,913,449	RAPAKA, KRISHNAKANTH	2,913,618
PANGU, GANESH SHRINIWAS	2,913,492	POREDDY, SRINIVAS REDDY	2,913,192	RAPPORT, SEBASTIAN	2,913,542
PANIGRAHI, ARUNLAL	2,913,497	PORTA, SANTIAGO GALVEZ	2,913,457	RASCHKA, JOACHIM	2,913,523
PANT, KAMAL KISHORE	2,913,277	POSCO	2,913,121	RASTROU, MELINDA	2,909,479
PANTERO TECHNOLOGIES INC.	2,913,353	POSCO ES MATERIALS CO., LTD.	2,913,121	RASZKOWSKI, JAMES	2,913,595
PANTERO TECHNOLOGIES INC.	2,913,356	POSHUSTA, JOSEPH CARL	2,913,535	RATH, TIMOTHY ANDREW	2,913,036
PARK, BUM-CHAN	2,913,118	POTTER, TERRY	2,913,349	RATIOPHARM GMBH	2,913,326
PARK, SO-HYUN	2,913,118	POTTIER, AGNES	2,913,023	RAUSCHENBERGER, VOLKER	2,913,382
PARK, YOUNG WOO	2,913,118	PRAKASH, INDRA	2,913,252	RAVNAAS, BRENT J.	2,913,245
PARRA RAPADO, LILIANA	2,910,604	PRAXAIR TECHNOLOGY, INC.	2,913,645	RAYMOND, JEAN	2,913,353
PARSONS, THOMAS	2,913,237	PRECISION PLANTING LLC	2,913,484	RAYMOND, JEAN	2,913,356
PARTH, ANDREW JAMES	2,913,399	PREDICTIVE THERAPEUTICS, LLC	2,913,149	RAYTHEON CANADA LIMITED	2,913,505
PASSTASK, LLC.	2,913,349	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,913,155	REDDY, RAKESH	2,913,471
PASTERNAK, MACIEJ	2,910,604	PRICHARD, ROGER	2,913,596	REETZ, ERIC F.	2,913,145
PAULIK, JILL MARIE	2,910,604	PRIDE, CARLENE	2,913,034	REETZ, JOEL ALAN	2,913,145
PAWELETZ, CLOUD P.	2,913,105	PRINCEN, FRED	2,913,108	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG	2,913,070
PEDDY, VENKATA CHALAPATHI RAO	2,913,277	PRITCHARD, ALAN	2,912,972	REGENTIS BIOMATERIALS LTD.	2,913,405
PEDERSEN, KURT	2,913,104	PROFUSA, INC.	2,913,474	REGNAULT DE LA MOTHE, LOIC	2,913,199
PEETERS, RUDY	2,913,094	PROMED, INC.	2,913,110	REID, GLEN	2,905,682
PEI, DONGHONG	2,913,242	PU, WEI	2,913,615	REILLY, GERARD M.	2,913,343
PELLAY, FRANCOIS-XAVIER	2,908,114	PUGH, RANDALL B.	2,912,811	REILLY, JOSEPH W.	2,913,540
PELLEGRINI, MARC	2,913,189	PUGH, RANDALL B.	2,912,817	REIMNITZ, MICHAEL J.	2,913,662
PENA HUESO, JOSE ADRIAN	2,913,195	PUNT, PETER JAN	2,911,170	REINISCH, PETER	2,913,509
PEREIRA, MARIA JOSE M.N.	2,913,338	PURECIRCLE SDN BHD	2,913,252	REITER, SVEN	2,913,389
PEREZ CABEZA DE VACA, REBECA	2,913,233	PUTT, KARSON S.	2,912,811	REJKO, KEVIN	2,913,063
PERFUSION SOLUTIONS PTY LTD	2,913,058	PUTT, KARSON S.	2,912,817	RENAUD, JAMES	2,913,350
PERFUSION SOLUTIONS PTY LTD	2,913,060	PYRON, STEVEN W.	2,913,214	RENOUARD, JOEL A.	2,913,229
PERI, NETANEL	2,913,286	QI, WENHUI	2,913,188	RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY	2,913,121
PERRIN, CHAD	2,913,416	QIAN, BINGHAI	2,913,188	REULAND, ERIC ROBERT	2,913,346
PERRY, MICHAEL DAVID	2,913,346	QIAO, XIAOHUI	2,913,188	REUTELINGSPERGER, CHRIS	2,913,212
PERSSON, HANS	2,913,290	QIN, LI	2,909,225	REUTELINGSPERGER, CHRIS	2,913,378
PETERS, BRUCE H.	2,913,184	QUALCOMM INCORPORATED	2,913,117	REXAHN PHARMACEUTICALS, INC.	2,913,611
PETTIAU, XAVIER	2,913,240	QUALCOMM INCORPORATED	2,913,593	RHIZEN PHARMACEUTICALS SA	2,913,226
PEUMANS, PETER	2,912,947	QUALCOMM INCORPORATED	2,913,615	RHODES, BRIAN D.	2,913,343
PFAPHS, MARGARETHE	2,913,066	QUALCOMM INCORPORATED	2,913,618	RHODIA OPERATIONS	2,913,504
PHAM, SON V.	2,913,130	QUALCOMM INCORPORATED	2,913,620		
PHARIS BIOTEC GMBH	2,913,387	QUALCOMM INCORPORATED	2,913,661		
PHARMASCIENCE INC.	2,913,368	QUAN, ALICE AU	2,913,420		
PHARNEXT	2,913,331	QUEIROZ DA FONSECA, ISA ALEXANDRA	2,913,382		
PICHEL, MATTHEW	2,913,500	QUEREJETA ANDUEZA, FELIX	2,913,327		
PIDKO, EVGENY	2,913,520	QUIRMBACH, MICHAEL SIEGFRIED	2,913,192		
PIERCE, KIMBERLY A.	2,913,628	QURESHI, FAROOQ	2,913,174		
PIERRE, LUDOVIC	2,913,542				
PIERZYNOWSKI, STEFAN	2,913,476				

Index des demandes PCT entrant en phase nationale

RHYNARD, JOSHUA MARTIN	2,913,526	SACK, HEINRICH	2,913,382	SCHOTT GEMTRON	
RIBEIRO, RAMIRO		SAFWAY SERVICES, LLC	2,912,837	CORPORATION	2,913,480
MAGALHES	2,913,254	SAHA, SANJIB	2,913,507	SCHULER PRESSEN GMBH	2,913,390
RICCARDI, CLAUDIA	2,912,872	SAHA, SANJIB	2,913,510	SCHULTZ, PETER G.	2,913,634
RICHARDSON, KEITH	2,912,825	SAHA, SANJIB	2,913,511	SCHUMANN, UWE	2,913,389
RICHART, OLIVIER	2,913,219	SAHIN, UGUR	2,911,945	SCHURPF, THOMAS	2,911,514
RICHART, OLIVIER	2,913,221	SAINT-GOBAIN GLASS		SCHWAB, JUSTIN J.	2,913,333
RICHTER, FLORIAN	2,913,382	FRANCE	2,912,805	SCHWIEGK, STEFAN	2,913,382
RICHTER, FLORIAN	2,913,446	SALCEDO AGUALLO, JOSE	2,913,207	SCHWIEGK, STEFAN	2,913,446
RICOH COMPANY, LTD.	2,913,503	SALEHI-SCHNEIDER,		SCHWIER, SEBASTIAN	2,913,209
RIEGER, THOMAS	2,913,386	SOHEILA	2,913,201	SCIENTIFIC DRILLING	
RILEY, MICHAEL	2,913,645	SALTER, TOM G.	2,913,650	INTERNATIONAL, INC.	2,913,256
RINAT NEUROSCIENCE		SALTERS, BART ANDRE	2,913,190	SCIENTIST OF FORTUNE S.A.	2,913,225
CORP.	2,911,412	SAMMOUDA, KARIM	2,913,071	SCOTT, SYRONA R.	2,913,196
RIVADA NETWORKS LLC	2,913,049	SAMPAT, HARENDRA R.	2,913,174	SCOTTI DEL GRECO,	
RIVADA NETWORKS LLC	2,913,178	SAMUEL, ROBELLO	2,913,203	ALBERTO	2,913,026
RIVADA NETWORKS LLC	2,913,179	SANDER, CHRIS	2,913,341	SCRAFFORD, ROY	2,912,837
RIVARD, LOUIS-PHILIPPE	2,913,479	SANDERS, AARON W.	2,913,048	SEBRING, STEVEN	2,912,827
ROBERTS, CARMICHAEL S.	2,913,151	SANDERS, AARON W.	2,913,136	SELENIUM MEDICAL	2,913,219
ROBINSON, BRADLEY	2,913,149	SANDS, WILLIAM H.	2,913,119	SELENIUM MEDICAL	2,913,221
RODRIGUEZ EGEA, PEDRO		SANI-RED, S.L.	2,913,394	SELG, CHRISTOPH	2,913,395
LUIS	2,911,623	SANTACRUZ, YOLANDA		SELVARAJ, FABIYOLA	2,913,108
RODRIGUEZ, DIANA	2,913,135	ARLETTE	2,913,391	SENARATNE, RYAN H.	2,913,196
RODRIGUEZ, DIANA	2,913,141	SANTINI, MARCO	2,913,022	SENGUPTA, SUDIPTA	2,913,589
RODRIGUEZ, DIANA	2,913,143	SANYO MACHINE WORKS,		SENSFUSS, ULRICH	2,909,581
ROGERS, JOHN A.	2,913,151	LTD.	2,913,451	SENSOREX CORPORATION	2,913,124
ROGNON, VINCENT	2,913,227	SANZ HERRANZ, YOLANDA	2,913,391	SERNO, PETER	2,913,085
ROHN, ULRIKE	2,913,085	SARACHAGA DE BENITO,		SESSA, MICHAEL	2,913,408
ROHWER, JAN	2,913,523	VICTOR	2,913,107	SETOYAMA, MAKOTO	2,913,626
ROMERO ARAGUETE,		SARAH HERZOG MEMORIAL		SEUNG, WOO JIN	2,913,126
FRANCISCO	2,913,651	HOSPITAL-EZRATH		SEUNTJENS, JAN	2,913,350
ROMERO ARAGUETE,		NASHIM	2,913,454	SEVERN TRENT WATER	
MANUEL	2,913,651	SARASWAT, SUSHIL KUMAR	2,913,277	LIMITED	2,912,818
RONSE, FREDERICK	2,913,518	SARFEHNI, ARMAN	2,913,350	SHA'KED MICROBIAL	
ROPIC, PAUL	2,913,124	SARTINI, EMMA LYNN	2,913,133	SOLUTIONS LTD.	2,913,228
ROSSI, ANDREA	2,911,412	SARTINI, EMMA LYNN	2,913,303	SHACHAF, YONATAN	2,913,405
ROTGERI, ANDREA	2,913,085	SASSANELLI, GIUSEPPE	2,912,961	SHACKELFORD, PHILLIP G.	2,913,152
ROUHA, HARALD	2,913,088	SAUDI ARABIAN OIL		SHAHAR, MICHAL	2,913,115
ROUSSILLE, CLEMENT	2,913,030	COMPANY	2,913,202	SHANGHAI ADVANCED	
ROUTH, PARTHA S.	2,913,496	SCACCABAROZZI, LUCA	2,913,528	RESEARCH INSTITUTE	
ROWE, PHILIP	2,913,171	SCHAFFNER, BENJAMIN	2,913,520	OF THE CHINESE	
ROY, SAROJ KUMAR	2,913,497	SCHEFFLER, JOCHEN	2,913,386	ACADEMY OF SCIENCE	2,913,159
ROYE, OLIVIER	2,908,752	SCHENNUM, STEVE	2,912,821	SHARMA, POONAM	2,913,584
RUBENSTEIN, BRANDON		SCHIRMER, ANTJE	2,913,638	SHARONI, RON	2,910,870
AARON	2,913,544	SCHLUMBERGER CANADA		SHARPE, JOHNATHAN	
RUBINSZTAJN, SLAWOMIR	2,913,536	LIMITED	2,913,199	CHARLES	2,913,171
RUBIO MUNOZ, VICENTE	2,913,329	SCHLUMBERGER CANADA		SHARPE, MARTYN A.	2,912,975
RUCHTI, TIMOTHY L.	2,913,421	LIMITED	2,913,289	SHEN, LINGJIA	2,913,194
RUEEGER, HEINRICH	2,912,986	SCHLUMBERGER		SHERIFF, MOHAMED	2,913,080
RUEEGER, HEINRICH	2,912,991	TECHNOLOGY B.V.	2,913,199	SHERMAN, ELENA	2,910,870
RUEEGER, HEINRICH	2,913,223	SCHMID, RUTH	2,913,328	SHIBAURA INSTITUTE OF	
RUFFIN, KARINE	2,913,577	SCHMIDT, CHRISTIAN	2,913,382	TECHNOLOGY	2,911,097
RUPP, KEVIN D.	2,910,870	SCHMIDT, CHRISTIAN	2,913,446	SHIN, KI CHUL	2,913,118
RUSHWORTH, DAVID	2,913,052	SCHMITZ-STAPELA, DANIEL	2,913,389	SHIRAKAWA, CHIKAGE	2,913,478
RUTTEN, IVO WILHELMUS		SCHNABEL, MICHAEL	2,913,578	SHORT, JAY	2,913,282
JOHANNES MARIE	2,913,190	SCHNEEWIND, OLAF	2,910,320	SHORT, JAY	2,913,285
RYAN DIRECTIONAL		SCHNEIDER, JANET L.	2,913,510	SHORT, JAY	2,913,334
SERVICES	2,913,616	SCHNEIDER, JANET L.	2,913,511	SHRIVASTAVA, LEA	2,913,489
RYERSON UNIVERSITY	2,913,218	SCHNELLER, ARNOLD	2,913,382	SHRIVASTAVA, RAVI	2,913,489
RYOTA, HISASHI	2,913,451	SCHOENBRUNNER, NANCY	2,909,479	SHRIVASTAVA, REMI	2,913,489
RYU, SUNG HOON	2,913,109	SCHOEVERS, PETER		SIDIQ, TABASUM	2,913,281
RZESZUTEK, ZACHARY	2,913,591	ALEXANDER	2,913,447	SIEMENS AG OSTERREICH	2,913,517
S.A. LHOIST RECHERCHE ET		SCHOLAR ROCK, INC.	2,911,514	SIEMENS	
DEVELOPPEMENT	2,913,240			AKTIENGESELLSCHAFT	2,913,073

Index of PCT Applications Entering the National Phase

SIGEL, KIRK M.	2,913,343	SONI, PANKAJ	2,913,252	SUDAR, DAMIR	2,913,270
SILATRONIX, INC.	2,913,195	SONTHEIMER, ERIK, J.	2,913,234	SUGANO, KENICHI	2,913,625
SIM, JAE YOUNG	2,913,592	SONY CORPORATION	2,913,160	SUGDEN, BEN J.	2,913,650
SIMMONS, KATHLEEN A.	2,913,630	SORBO, BENNETT	2,913,513	SULZER MIXPAC AG	2,913,099
SIMO, FIDJI NAHEMA	2,913,131	SOUCEK, LAURA	2,911,863	SUMITOMO BAKELITE	
SIMON, JULIAN	2,913,127	SPACE2M NV	2,913,518	COMPANY LIMITED	2,913,027
SIMONS, PETRUS JOHANNES	2,913,318	SPARBIER, KATRIN	2,913,016	SUMITOMO ELECTRIC	
SIMONSON, KENNETH		SPECK DESIGN	2,913,584	HARDMETAL CORP.	2,913,626
CHARLES	2,913,141	SPECTRUM BRANDS, INC.	2,913,419	SUN, PIAOYANG	2,913,194
SIMPSON, GARY R.	2,913,268	SPENDER, JONATHAN	2,913,605	SUN, VICTOR KELVIN	2,913,346
SINGH, HARJEET	2,913,052	SPERSCHNEIDER, RALPH	2,913,578	SUN, XIN	2,913,401
SINGH, RAJENDRA P.	2,913,535	SPINAL SIMPLICITY LLC	2,913,463	SUN, YUHAN	2,913,159
SINGH, SHARAT	2,913,108	SPIRY, JONATHAN LAREINE	2,913,527	SUNAZUKA, TOSHIAKI	2,913,098
SINHA, BIKASH K.	2,913,289	SPITZER, AYA	2,913,115	SUPER, MICHAEL	2,913,155
SINTEF TTO AS	2,913,328	SPODSBERG, NIKOLAJ	2,910,239	SURIN, NIKOLAI	
SIS RESOURCES, LTD.	2,913,172	SPX INTERNATIONAL		MIKHAILOVICH	2,913,599
SITKA, MARK A.	2,913,587	LIMITED	2,913,246	SUZUKI, TOYOAKI	2,912,879
SJOBERG, DAG	2,913,632	SRI, MATHANGI	2,913,471	SWANSON, TODD	2,913,484
SKF AEROSPACE FRANCE	2,913,080	SRIVASTAVA, VED P.	2,909,045	SWEI, ANDREA	2,909,721
SKOROTETSKY, MAKSIM		STABEN, LEANNA	2,910,029	SWICK, LANCE L.	2,912,538
SERGEEVICH	2,913,599	STACE, CATHERINE	2,908,406	SYKORA, JAROMIR	2,910,332
SLAN, KIMBERLY DAWN	2,913,138	STALDER, JOHN L.	2,913,130	SYNTA PHARMACEUTICALS	
SLUSARCZYK, JERZY	2,913,515	STALDER, JOHN L.	2,913,140	CORP.	2,912,830
SMART ENERGY		STAMMER, ACHIM	2,913,382	SZAPIEL, STANISLAW	2,913,505
INSTRUMENTS INC.	2,913,076	STAMMER, ACHIM	2,913,498	T.F.H. PUBLICATIONS, INC.	2,913,332
SMART MEDICAL SYSTEMS		STAMMER, ACHIM	2,913,501	TABATA, SHINICHIRO	2,913,487
LTD	2,912,875	STAMMER, ACHIM	2,913,521	TADA, NOBUKI	2,912,037
SMEDLEY, CLIVE	2,912,818	STANDKER, LUDGER	2,913,387	TADMOR, ARBEL DAVID	2,911,945
SMITH, CLINT	2,913,049	STANFORD, MARIANNE M.	2,908,042	TAGUCHI, NAOTO	2,913,111
SMITH, CLINT	2,913,178	STANOWSKI, RADOSLAW	2,913,380	TAI, YU-CHONG	2,913,254
SMITH, CLINT	2,913,179	STARCKE, CLAUS ROBERT	2,913,213	TAIGMAN, YANIV N.	2,913,461
SMITH, ERIKA B.	2,913,393	STARR, DAVID H.	2,913,231	TAKEDA PHARMACEUTICAL	
SMITH, JASON D.	2,913,114	STATOIL PETROLEUM AS	2,912,953	COMPANY LIMITED	2,913,106
SMITH, MARIAN FRANCES	2,913,133	STEFANI, STEFANO	2,913,036	TAKEUCHI, RIE	2,913,481
SMITH, MARIAN FRANCES	2,913,303	STENSTAD, PER	2,913,328	TALON, CHRISTIAN	2,913,227
SMITH, SAMUEL	2,913,049	STEPS HOLDING B.V.	2,913,581	TALWAR, NARESH	2,913,368
SMITH, SAMUEL	2,913,178	STERMAN, BARUCH	2,913,415	TAN, XUQIU	2,910,313
SMITH, SAMUEL	2,913,179	STERN, JOEL	2,913,172	TAN, XUQIU	2,910,318
SMITH, SCOTT RAYMOND	2,913,346	STEVENSON, MARK	2,913,591	TAN, ZAIGAO	2,913,197
SMITH, TREVOR D.	2,913,237	STEVESON, NIGEL R.	2,913,296	TANG, LING	2,913,112
SMYCZAK, JOHN	2,913,053	STIER, OLIVER	2,913,073	TAO, GEGE	2,913,238
SMYCZAK, JOHN	2,913,065	STOCKARD, RICHARD, D.	2,913,406	TAPINASSI, LIBERO	2,913,026
SNECMA	2,912,809	STODDARD, THOMAS	2,913,404	TARLAZZI, LUIGI	2,913,186
SNECMA	2,913,030	STOKES, MATTHEW		TARR, BRIAN ANSTEY	2,913,294
SNECMA	2,913,579	BRADLEY	2,913,200	TASAKA, MASAHIRO	2,913,451
SNELL, PHILIP T.	2,913,155	STOKES, MATTHEW		TASSETTI, DARIO	2,912,872
SNOOK, SHARIKA	2,912,811	BRADLEY	2,913,320	TECHNOLOGIES AVANCEES	
SNOOK, SHARIKA	2,912,817	STONEAGE, INC.	2,913,337	& MEMBRANES	
SOARES, BRUNO FLAVIO		STOOP, DIRK JOHN	2,913,461	INDUSTRIELLES	2,913,261
NOGUEIRA DE SOUSA	2,907,865	STORA ENSO OYJ	2,913,395	TEGA INDUSTRIES LIMITED	2,913,497
SOCIOMETRIC SOLUTIONS,		STORA ENSO OYJ	2,913,448	TEGELS, ZACHARY	2,913,416
INC.	2,913,538	STORAGE, MICHAEL RALPH	2,913,081	TEKNA PLASMA SYSTEMS	
SOFT TISSUE		STOVER, CHARLES, K.	2,911,209	INC.	2,913,380
REGENERATION, INC.	2,913,540	STRAND, ROSS	2,913,187	TELEFONAKTIEBOLAGET L	
SOFTCELL MEDICAL		STRANDH, MAGNUS	2,910,029	M ERICSSON (PUBL)	2,913,323
LIMITED	2,913,400	STRAUB WERKE AG	2,913,270	TENDYNE HOLDINGS, INC.	2,913,416
SOLBAK, ARNE I.	2,910,318	STRAUB, MICHELLE MARIE	2,911,514	TER LAAK, ANTONIUS	2,913,085
SOLE ROJALS, JOEL	2,913,615	STRAUB, STEFANIE	2,913,209	TERLIUC, GAD	2,912,875
SOLUS TECHNOLOGIES		STROHMAIER, KARL G.	2,913,033	TERME, MICKAEL	2,910,855
LIMITED	2,913,450	STRONG, JOHN R.	2,913,406	TERSMETTE, TREVOR	
SON, YOUNG-JIN	2,913,144	STRONG, ROLAND	2,913,029	ANDREW	2,913,054
SONG, DONGSUP	2,913,126	STRONG, ROLAND	2,913,127	TESA SE	2,913,389
SONG, PEIGANG	2,913,664	STROUD, MARK	2,913,127	TESCOM CORPORATION	2,913,276
SONG, YEONG WOOK	2,913,118	SUBRAMANIAN, SURESH	2,913,046	TESCOM CORPORATION	2,913,279

Index des demandes PCT entrant en phase nationale

TESCOM CORPORATION	2,913,494	THE WALTER AND ELIZA		TUCC TECHNOLOGY, LLC	2,913,628
TESSENDERLO CHEMIE NV	2,913,094	HALL INSTITUTE OF		TUCKER, CHRISTOPHER J.	2,913,136
TETRALOGIC		MEDICAL RESEARCH	2,913,189	TUERTSCHER, MICHAEL RAY	2,913,031
PHARMACEUTICALS		THEVISSSEN, KARIN	2,910,874	TULLOCH, SHANE MICHAEL	2,913,119
CORPORATION	2,913,189	THOMPSON, CRAIG D.	2,913,272	TURNER, JEREMY	2,913,595
TETZLAFF, STEVEN K.	2,913,214	THOMPSON, TIM	2,912,813	TURNPOINT MEDICAL	
TEUFEL, DANIEL PAUL	2,908,406	THOMSON LICENSING	2,913,604	DEVICES, INC.	2,913,139
THARALDSON, LINDA ROSE	2,913,279	THOMSON LICENSING	2,913,608	TURNPOINT MEDICAL	
THE BOARD OF REGENTS OF		THOMSON, JAMES	2,913,234	DEVICES, INC.	2,913,148
THE UNIVERSITY OF		THOREL, JEAN-NOEL	2,908,114	UBISOFT ENTERTAINMENT,	
TEXAS SYSTEM	2,913,185	THORNTON, KEITH EDWARD	2,906,373	S.A.	2,913,580
THE BOARD OF TRUSTEES OF		THORSEN, PER-ARNE	2,913,323	UDDING, JAN HENDERIKUS	2,913,212
THE LELAND STANFORD		THUMMLER, ANKA	2,913,068	UDDING, JAN HENDERIKUS	2,913,378
JUNIOR UNIVERSITY	2,913,552	THURMAN, ROBERT	2,913,243	UMANA FAMILY	
THE BRIGHAM AND		TIAN, BIN	2,913,117	CORPORATION	2,913,122
WOMEN'S HOSPITAL,		TIANJIN INSTITUTE OF		UMEDA, MARIKO	2,913,481
INC.	2,913,338	INDUSTRIAL		UNISON INDUSTRIES, LLC	2,913,081
THE CALIFORNIA INSTITUTE		BIOTECHNOLOGY,		UNIVERSIDAD NACIONAL	
FOR BIOMEDICAL		CHINESE ACADEMY OF		AUTONOMA DE MEXICO	2,913,233
RESEARCH	2,913,634	SCIENCES	2,913,197	UNIVERSIDAD POLITECNICA	
THE CHILDREN'S MEDICAL		TICHELAAR, MICHEL POUL	2,913,212	DE VALENCIA	2,911,623
CENTER CORPORATION	2,913,338	TICHELAAR, MICHEL POUL	2,913,378	UNIVERSITA DEGLI STUDI DI	
THE COCA-COLA COMPANY	2,913,086	TIDAL GENERATION		MILANO - BICOCCA	2,912,872
THE COCA-COLA COMPANY	2,913,252	LIMITED	2,913,241	UNIVERSITAETSMEDIZIN	
THE GOVERNMENT OF THE		TIKKANEN, DAVID	2,913,239	DER JOHANNES	
UNITED STATES OF		TIKKURILA OYJ	2,913,448	GUTENBERG-	
AMERICA AS		TIMMANNA, UPADHYA	2,913,192	UNIVERSITAET MAINZ	2,911,945
REPRESENTED BY THE		TITE, JOHN	2,908,406	UNIVERSITE CATHOLIQUE	
SECRETARY OF THE		TOKSVIG, MICHAEL JOHN		DE LOUVAIN	2,913,502
DEPARTMENT OF		MCKENZIE	2,913,258	UNIVERSITE DE NANTES	2,910,855
HEALTH AND HUMAN		TOLERO ENERGY, LLC	2,913,180	UNIVERSITE DE NICE SOPHIA	
SERVICES	2,909,721	TOMOYASU, HIROSE	2,913,098	ANTIPOLIS	2,911,600
THE JOHNS HOPKINS		TOMPALA, ANNAJI RAJIV		UNIVERSITE PARIS	
UNIVERSITY	2,913,312	KUMAR	2,913,277	DESCARTES	2,909,474
THE KITASATO INSTITUTE	2,913,098	TOONG, HOO-MIN	2,913,074	UNIVERSITE PARIS	
THE LUBRIZOL		TORNERO MOLINA, JESUS	2,911,353	DESCARTES	2,911,613
CORPORATION	2,913,173	TORNQVIST, BJORN	2,913,580	UNIVERSITY OF CHICAGO	2,910,320
THE LUBRIZOL		TOT SHANGHAI R&D CENTER		UNIVERSITY OF MAINE	
CORPORATION	2,913,176	CO., LTD.	2,909,225	SYSTEM BOARD OF	
THE LUBRIZOL		TOTAL E&P CANADA LTD.	2,913,130	TRUSTEES	2,913,605
CORPORATION	2,913,539	TOTAL E&P CANADA LTD.	2,913,140	UNIVERSITY OF	
THE METHODIST HOSPITAL		TOTAL SA	2,913,096	WASHINGTON THROUGH	
RESEARCH INSTITUTE	2,912,975	TOUGAS OILFIELD		ITS CENTER FOR	
THE PROCTER & GAMBLE		SOLUTIONS GMBH	2,913,066	COMMERCIALIZATION	2,913,035
COMPANY	2,913,133	TOUNDAS, PANAYIOTIS	2,913,237	URANO, YASUTERU	2,911,483
THE PROCTER & GAMBLE		TOUR, JAMES M.	2,912,975	URECH, DAVID	2,913,069
COMPANY	2,913,187	TOYOTA JIDOSHA		UREY, HAKAN	2,913,211
THE PROCTER & GAMBLE		KABUSHIKI KAISHA	2,913,451	URKALAN, KAVERI	2,913,634
COMPANY	2,913,303	TOYOTA JIDOSHA		URSCHEL LABORATORIES,	
THE REGENTS OF THE		KUBUSHIKI KAISHA	2,912,037	INC.	2,913,056
UNIVERSITY OF		TRANSIENT ELECTRONICS,		USENER, CAROLIN	2,913,066
CALIFORNIA	2,909,721	INC.	2,913,151	USREY, MONICA	2,913,195
THE ROYAL INSTITUTION		TRESCH, STEFAN	2,910,604	UTECH, THOMAS WILLIAM	2,913,040
FOR THE		TRISTANO PTY LTD	2,913,590	UTECH, THOMAS WILLIAM	2,913,041
ADVANCEMENT OF		TRON - TRANSLATIONALE		UTECH, THOMAS WILLIAM	2,913,050
LEARNING/MCGILL		ONKOLOGIE AN DER		UTTING, DAVID JOHN	2,913,522
UNIVERSITY	2,913,350	UNIVERSITATSMEDIZIN		VAFAI, SCOTT BRADLEY	2,913,346
THE SCRIPPS RESEARCH		DER JOHANNES		VAKKALANKA, SWAROOP K.	
INSTITUTE	2,913,634	GUTENBERG-		V. S.	2,913,226
THE UNIVERSITY OF AKRON	2,913,602	UNIVERSITAT MAINZ		VALDEZ, DANIEL M.	2,913,630
THE UNIVERSITY OF		GEMEINNUTZIGE GMBH	2,911,945	VALENCIA, HANS	2,913,110
GEORGIA RESEARCH		TSAN, ALISON	2,909,479	VALINGE INNOVATION AB	2,913,290
FOUNDATION	2,911,209	TSENG, ERICK	2,913,258	VALINGE INNOVATION AB	2,913,392
THE UNIVERSITY OF TOKYO	2,911,483	TSUKIHARA, NOZOMI	2,913,626	VALLEE, ALAIN	2,913,071

Index of PCT Applications Entering the National Phase

VALLOUREC OIL AND GAS FRANCE	2,913,577	VON BURIAN, ZOLTAN RAJECZY	2,913,420	WILLET, KENNETH R.	2,913,527
VAN BLARCOM, THOMAS JOHN	2,911,412	VON DEYN, WOLFGANG	2,913,222	WILLIAM MARSH RICE UNIVERSITY	2,912,975
VAN BOMMEL, KJELD JACOBUS CORNELIS	2,913,629	VONAGE NETWORK LLC	2,913,181	WILMS, AXEL	2,913,382
VAN DAELE, INGE ELODIE	2,910,632	VONAGE NETWORK LLC	2,913,415	WILMS, AXEL	2,913,446
VAN DAELE, INGE ELODIE	2,910,874	VOYTAS, DANIEL	2,913,404	WILSON, SHAWNEE M.	2,913,120
VAN DER ZEE, WOUTER	2,913,163	VRBA, ANTHONY CIRO	2,913,346	WILSON, SHAWNEE M.	2,913,128
VAN DIJK, JORN MARTINUS JOHANNES	2,913,461	VROMAN, HILDA B.	2,913,033	WILTON, ARTHUR	2,913,181
VAN HOUTEN, HENDRIK	2,913,190	VU, VIET	2,913,399	WIMMER, MARCUS ANTON	2,913,517
VAN TASSELL, BENJAMIN	2,913,154	VUKOVIC, VOJO	2,912,830	WINECKI, SLAWOMIR	2,913,157
VAN TIEL, CORNELIUS HENDRIKUS NICOLAAS	2,913,581	W & D MCCULLOCH LTD.	2,912,866	WINTNER, OREN H.	2,910,870
VAN TIEL, WILHELMUS JACOBUS CORNELIUS	2,913,581	W. MULLER GMBH	2,913,519	WISCONSIN ALUMNI RESEARCH FOUNDATION	2,913,234
VAN VOORHIS, WESLEY C.	2,913,035	WABER, BENJAMIN	2,913,538	WISNEWSKI, NATALIE A.	2,913,474
VAN ZANDWIJK, NICO	2,905,682	WACH, JEAN-YVES	2,913,222	WISSEL, MARION	2,913,066
VAN, HUYNH P.	2,913,552	WACKER CHEMIE AG	2,913,215	WISSNER, JAMES MATTHEW	2,913,283
VANDERHEYDEN, JACOB P.	2,913,272	WADA, TAMAKI	2,913,478	WITT, UWE	2,913,521
VANDLEN, RICHARD	2,910,029	WAKEFIELD, JEFFREY ALLEN	2,913,279	WITZ, JEAN-CHRISTOPHE	2,913,314
VANSTEENWYK, BRETT	2,913,256	WAL-MART STORES, INC.	2,913,420	WOBBEN PROPERTIES GMBH	2,913,101
VAUPEL, ANDREA	2,913,223	WALKER, EDWARD	2,908,406	WOELFLE-GUPTA, CAROLINE	2,913,136
VAZQUEZ ARANA, MAURICIO	2,913,207	WALKER, SHEENA KUM FOSTER	2,913,031	WONG, IRA G.	2,913,552
VEGESNA, PRIYANK B.	2,913,510	WAN, HUA	2,913,398	WONG, STEVE	2,913,407
VELOSO VIEIRA, JOAO FILIPE	2,910,632	WANG, GUANGYI	2,913,210	WONG, VERNON G.	2,913,336
VELOSO VIEIRA, JOAO FILIPE	2,910,874	WANG, JIABIN	2,911,682	WOOD, DANIEL	2,913,513
VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT	2,913,308	WANG, LEI	2,913,482	WOODARD, JOHN	2,913,058
VERANO, ANNA B.	2,913,112	WANG, QUN	2,911,209	WOODARD, JOHN	2,913,060
VERHEESEN, PETER	2,910,632	WANG, WENYI	2,913,393	WU, GUAILI	2,913,194
VERHEESEN, PETER	2,910,874	WANG, WENYI	2,913,393	WU, YULIN	2,909,045
VERMANI, SAMEER	2,913,117	WANG, YE-KUI	2,913,618	XIANGXUE GROUP (HONG KONG) COMPANY LIMITED	2,910,533
VERMILYEA, MARK ERNEST	2,913,537	WANG, YI	2,913,188	XIAO, WEI	2,913,036
VERNIER, ALEXANDRE	2,913,493	WANG, YIJUN	2,913,112	XIAO, WENPIN	2,913,188
VETTER, GEORG	2,913,290	WANG, ZHENYING	2,913,203	XIE, MING	2,913,537
VIDLUND, ROBERT	2,913,416	WARD, DAVID	2,913,408	XU, HONGGUAN	2,913,086
VIETOR, HENDRIK ENGELBERTUS	2,913,447	WARD, MALCOLM ANDREW	2,913,402	XU, HONGTAO	2,913,197
VINCI, JAMES N.	2,913,173	WARD, STEVEN BRYAN	2,913,247	XU, HUI	2,913,398
VINCI, JAMES N.	2,913,176	WARD, STEVEN BRYAN	2,913,249	XU, YAN	2,913,604
VIRGINIA COMMONWEALTH UNIVERSITY	2,913,154	WASHINGTON UNIVERSITY	2,913,622	XU, YAN	2,913,608
VIRKAR, ANIL V.	2,913,238	WATANABE, TAKASHI	2,912,881	XU, ZHIGANG	2,913,513
VISHWAKARMA, RAM ASREY	2,913,281	WATTERS, ALEXANDER L.	2,913,155	YAMAGUCHI, MASATO	2,913,625
VISHWANATH, RAMAKRISHNAN	2,913,171	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,913,408	YAMASHITA, MITSUO	2,911,097
VISHWARAMAN, MOHAN	2,913,175	WEBER, NEILL	2,913,238	YANG, BAIYUAN	2,913,634
VISIONCARE OPHTHALMIC TECHNOLOGIES INC.	2,913,640	WEBSTER, MARK WILSON IAN	2,913,346	YANG, GUANGTAO	2,913,188
VISIONCARE OPHTHALMIC TECHNOLOGIES, INC.	2,913,642	WEBSTER, WILLIAM LEE	2,913,040	YANG, HUA	2,913,231
VISWANADHA, SRIKANT	2,913,226	WEBSTER, WILLIAM LEE	2,913,050	YANG, HENG	2,913,312
VLASBLOM, MARTIN PIETER	2,913,097	WECHSLER, AHARON	2,913,405	YAO, SHENG	2,913,312
VOERSTE, ARND	2,913,509	WEINRICH, DIRK	2,913,077	YAYER, IMAM SYED	2,913,497
VOGT, DIETER	2,913,520	WEIR, GENEVIEVE MARY	2,908,042	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2,913,274
VOGT, JOHN JOSEPH	2,913,198	WEISS, CLAIRE	2,913,096	YI, SO YEON	2,913,491
VOLVO CONSTRUCTION EQUIPMENT AB	2,913,144	WENING, KLAUS	2,913,209	YILDIZ, CAFER	2,913,318
		WEST, KELSEY	2,913,401	YOKOTA, TAKANORI	2,913,499
		WEST, ROBERT	2,913,195	YOLE, ESTER	2,913,274
		WESTERHOF, WILHELMINA	2,913,212	YONG, BAO	2,912,813
		WESTERHOF, WILHELMINA	2,913,378	YOO, SEOK HO	2,913,118
		WESTON, SIMON C.	2,913,033	YOON, YOSANG	2,913,537
		WHITACRE, TIM	2,913,256	YOON, YOUNG AE	2,913,592
		WHITE, MATTHEW	2,913,616	YOPP, SHAWN	2,913,053
		WHITE, MATTHEW A.	2,913,256	YOPP, SHAWN	2,913,065
		WHITE, WILLIAM S.	2,913,336	YOSHINO GYPSUM CO., LTD.	2,913,625
		WICKER, MICHAEL	2,913,309	YOSHIOKA, KOTARO	2,913,499
		WICKMAN, GRANT RAYMOND	2,910,945	YOUNG, TERRY-LYNN	2,913,512
		WILFING, KEVIN A.	2,913,140	YU, ZHENG	2,913,486

Index des demandes PCT entrant en phase nationale

YUASA, KENTA	2,913,003
YUGULIS, KEVIN	2,913,157
YUHAN CORPORATION	2,913,592
YUKI TRADING CO., LTD.	2,913,612
YUN, SEON HA	2,913,118
YUN, SEONG-GEUN	2,913,144
YUXI JIXINGDEYI TRADE & INDUSTRY CO., LTD.	2,913,188
ZAMUDIO AHUMADA, ANDRES	2,913,207
ZANDER, BO	2,913,632
ZANINI, STEFANO	2,912,872
ZEITZ, OLIVER	2,913,092
ZENSUN (SHANGHAI) SCIENCE & TECHNOLOGY, LTD.	2,911,848
ZETTL, SOPHIA	2,913,088
ZHAN, SHANGDONG	2,913,174
ZHANG, FENG	2,913,404
ZHANG, NICOLE	2,913,086
ZHANG, SHIJUN	2,913,154
ZHANG, XUELI	2,913,197
ZHANG, YAN	2,913,234
ZHANG, YIQUN	2,913,187
ZHANG, ZHIYI	2,913,120
ZHANG, ZHIYI	2,913,128
ZHANG, ZHONGSHENG	2,913,035
ZHANG, ZHONGYAN	2,913,205
ZHAO, HANJUN	2,910,533
ZHAO, QUANYU	2,913,159
ZHAO, YUNCHUAN	2,913,188
ZHENG, BOJIAN	2,910,533
ZHONG, HANGEN	2,913,317
ZHOU, MIN	2,913,482
ZHOU, MINGDONG	2,911,848
ZHOU, RAN	2,913,242
ZHOU, WEI	2,913,604
ZHOU, WEI	2,913,608
ZHU, NING	2,913,382
ZHU, NING	2,913,498
ZHU, NING	2,913,501
ZHU, NING	2,913,521
ZHU, XINNA	2,913,197
ZINK, GERALD P.	2,913,337
ZORN, BERNARD	2,913,183
ZOU, QUAN	2,913,188
ZUR-HAUSEN, HARALD	2,913,107
ZYMEWORKS INC.	2,910,945
ZYMEWORKS INC.	2,913,363
ZYMEWORKS INC.	2,913,370

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

AASE, JONATHAN	2,911,731	ETHICON ENDO-SURGERY, INC.	2,908,109	KENYON, BARTON JOHN	2,912,125
ALHART, SCOTT D. E.	2,912,081	F. HOFFMANN-LA ROCHE AG	2,912,224	KERN, DONALD C.	2,913,354
AMICROBE, INC.	2,912,577	FACEBOOK, INC.	2,913,302	KNUDSON, EDWARD B.	2,913,354
AMIDON, KEITH ERIC	2,913,167	FORCE ENERGY MANAGEMENT CORPORATION	2,911,852	KOFOD, LENE VENKE	2,911,419
ANDERSON, JOHN P.	2,912,912	FOREVER YOUNG INTERNATIONAL, INC.	2,912,241	KOPONEN, TEEMU	2,913,167
APPLE INC.	2,911,731	FORMWAY FURNITURE LIMITED	2,911,124	KORNACKER, MARCEL	2,912,038
ARNAL, KEVIN R.	2,912,006	FOUGHT, GERALD	2,911,675	KOZIOL, LUCAS	2,912,577
ARZENO, HUMBERTO BARTOLOME	2,912,224	FRAZIER, CAMERON	2,911,731	KRAFT FOODS R & D, INC.	2,911,766
ATKINSON, JONATHAN RICHARD	2,913,529	FRIGSTAD, JOHN R.	2,912,006	KUFF, LENNI	2,912,038
BALLAND, PETER J., III	2,913,167	GLAUSER, TRACY A.	2,911,569	LA PORTE, CHRISTOPHER	2,911,852
BALLARD, COLIN	2,911,766	GOLDSTEIN, JASON	2,912,912	LADVA, HEMANT K.J.	2,912,919
BANGIO, LIVNAT	2,913,047	GOLKO, ALBERT J.	2,911,731	LAIHO, MARIKKI	2,912,456
BAUM, GREGORY WILLIAM	2,911,124	GOMEZ, MARIA	2,911,766	LASSNER, MICHAEL	2,911,997
BAYER ESSURE INC.	2,912,006	GRANT, KEVIN L.	2,912,056	LAVAGNA, LUIS MOSCOSO	2,911,924
BEHM, ALEX	2,912,038	GREENBERGER, SHOSHANA	2,913,047	LAVAGNA, LUIS MOSCOSO	2,911,931
BEKOSCKE, ROBERT	2,911,675	GROSS, JESSE E., IV	2,913,167	LEE, GARY M.	2,912,224
BENTITEZ, DIEGO	2,912,577	HALLIDAY, ANDREW	2,911,766	LEE, PHILLIP YOU FAI	2,912,883
BEREZOWSKI, DAVID M.	2,913,354	HANSEN, CARSTEN HOERSLEV	2,911,419	LEMMONS, THOMAS R.	2,913,354
BEVILACQUA, MICHAEL P.	2,912,577	HANSON, JARROD A.	2,912,577	LEVITATION SCIENCES LLC	2,912,004
BOSTON BIOMEDICAL, INC.	2,911,990	HARATS, DROR	2,913,047	LEVITATION SCIENCES LLC	2,912,008
BOYER, FRANKLIN E.	2,913,354	HARRIS, MATTHEW C.	2,912,056	LI, CHIANG JIA	2,911,990
BRANECKY, BRIAN THOMAS	2,911,858	HASSELL, JOEL G.	2,913,354	LI, NONG	2,912,038
BREITBART, EYAL	2,913,047	HAYASHINAKA, TERUO	2,911,570	LI, WEI	2,911,990
BULLION, CONRAD	2,911,958	HELGELAND, WALTER	2,912,100	LI, YOUZHI	2,911,990
BURGESS, KEVIN EDWARD	2,911,924	HERRMANN, RAFAEL	2,911,997	LITHGOW, PERRY DAVID	2,912,125
BURGESS, KEVIN EDWARD	2,911,931	HU, DAVID HSIANG	2,912,883	LITKEY, JAY M.	2,912,746
CALLISTER, JEFFREY P.	2,912,006	HUTCHINS, RICHARD D.	2,912,919	LIU, JIFENG	2,911,990
CASADO, MARTIN	2,913,167	IGARASHI, TATSUYA	2,912,930	LIU, WEN-JIE	2,911,924
CHILCOTE, TAMIE J.	2,912,912	IMAI, MARIKO	2,912,930	LIU, WEN-JIE	2,911,931
CHILDREN'S HOSPITAL MEDICAL CENTER	2,911,569	INFOBRIDGE PTE. LTD.	2,913,566	LIVINGSTON, JAMES W.	2,912,081
CHING, JESUS	2,912,883	INGRAM, PAUL S.	2,913,167	LU, ALBERT L.	2,911,997
CHIZELLE, YAN KUHN DE	2,912,919	INNOVATIONS 4 FLOORING HOLDING N.V.	2,908,083	LUMINEX CORPORATION	2,912,883
CHOI, ALAN	2,912,038	INVACARE CORPORATION	2,911,675	MAGUIRE, YAEL	2,913,302
CHOWDHURY, DEWAN FAZLUL HOQUE	2,912,031	IWASAKI, NORIMASA	2,912,930	MAHONEY, DAVID G.	2,912,100
CHRISTENSEN, LARS HYLLING	2,911,419	JAGGER, KARL A.	2,912,006	MALM, HOWARD L.	2,905,319
CLOUDERA, INC.	2,912,038	JEHA, SIMONE MARIE	2,912,125	MARSHALL, CONNIE T.	2,913,354
COLLINGS, MARTYN	2,911,124	JIANG, ZHIWEI	2,911,990	MARTIN, MICHAEL	2,912,224
CRUMBLIN, GEOFFREY	2,912,125	JIMENEZ, JOSE W.	2,912,006	MCNEILL, NOAH JUNIPER RAINBOW	2,911,124
DEKA PRODUCTS LIMITED PARTNERSHIP	2,912,056	JOERGENSEN, CHRISTEL THEA	2,911,419	MINAMI, AKIO	2,912,930
DEMING, TIMOTHY J.	2,912,577	JOERGENSEN, CHRISTIAN ISAK	2,911,419	MINOO, JAHAN C.	2,911,731
DIVERSEY, INC.	2,912,081	JOL, ERIC	2,911,731	MIRAKYAN, ANDREY	2,912,919
E. I. DU PONT DE NEMOURS AND COMPANY	2,911,997	JONES, JENNIFER	2,911,895	MIYAJIMA, CHIHIRO	2,912,930
ELAN PHARMACEUTICALS, LLC	2,912,912	JURKIEWICZ, DAMON	2,911,675	MOCHIDA PHARMACEUTICAL CO. LTD.	2,912,930
ELLIS, MICHAEL D.	2,913,354	KASAHARA, FUMIYOSHI	2,912,930	MONSANTO TECHNOLOGY LLC	2,911,895
EMBOTICS CORPORATION	2,912,746	KASAHARA, YASUHIKO	2,912,930	MUJWID, JAMES R.	2,912,006
ERICKSON, JUSTIN	2,912,038	KAWAMURA, DAISUKE	2,912,930	MULLIN, PAUL STEVEN	2,911,858
				MURRAY, ANDREW CHARLES	2,912,125
				NATIONAL UNIVERSITY CORPORATION	
				HOKKAIDO UNIVERSITY	2,912,930

**Index des demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

NEAL, DARYL OWEN	2,911,124	THE JOHNS HOPKINS	
NELSON, MARK	2,911,997	UNIVERSITY	2,912,456
NICIRA, INC.	2,913,167	THE REGENTS OF THE	
NIPPON SODA CO., LTD.	2,912,094	UNIVERSITY OF	
NOGUCHI, SHINTARO	2,911,570	CALIFORNIA	2,912,577
NOVOZYMES A/S	2,911,419	THOMAS, WILLIAM L.	2,913,354
OGASAWARA, FUMITAKA	2,911,570	TIERNEY, PETER	2,911,124
OH, SOO MI	2,913,566	TJADER, MICHAEL	2,911,994
OHZAWA, NOBUO	2,912,930	TREMULIS, WILLIAM S.	2,912,006
PANASONIC INTELLECTUAL		TREVOR-WILSON, DUNCAN	
PROPERTY		LOVEL	2,912,125
MANAGEMENT CO., LTD.	2,911,570	TT TECHNOLOGIES, INC.	2,911,994
PANESAR, SATWINDER	2,911,766	UBE INDUSTRIES, LTD.	2,912,220
PARKER, KENT WALLACE	2,911,124	UBE INDUSTRIES, LTD.	2,912,235
PASTERNAK, ALEX	2,912,210	UC-CARE LTD.	2,912,210
PAYNE, MARK JOHN	2,912,125	UMEMOTO, TERUO	2,912,220
PELED, MICHAEL	2,913,047	UMEMOTO, TERUO	2,912,235
PELTONEN, KARITA	2,912,456	URIHARA, ICHIROU	2,912,094
PERRA, ANTONIO GIUSEPPE	2,908,083	USNR/KOCKUMS CANCAR	
PESTIAN, JOHN	2,911,569	COMPANY	2,911,958
PETTIT, JUSTIN	2,913,167	VASCULAR BIOGENICS LTD.	2,913,047
PFAFF, BENJAMIN LEVY	2,913,167	VINKS, ALEXANDER A.	2,911,569
PIONEER HI-BRED		VIRR, ALEXANDER	2,912,125
INTERNATIONAL, INC.	2,911,997	WALKER, DONALD	2,912,912
PIPCHUK, DOUGLAS	2,912,919	WEIR MINERALS AUSTRALIA	
PRESNAIL, JAMES K.	2,911,997	LTD	2,911,924
PRIMROSE, ROHAN NEIL	2,912,125	WEIR MINERALS AUSTRALIA	
REGAL BELOIT AMERICA,		LTD	2,911,931
INC.	2,911,858	WENDLANDT, DANIEL J.	2,913,167
REM TECHNOLOGY, INC.	2,905,319	WENSTRUP, RICHARD J.	2,911,569
RESMED LIMITED	2,912,125	WILKINSON, PAUL MICHAEL	2,911,124
RICE, JANET A.	2,911,997	WILLIAMSON, DON	2,912,919
RICHMOND, DONALD ANGUS	2,912,125	YANG, MOONOCK	2,913,566
RIGAKU INNOVATIVE		YEE, ARTHUR KIN-WAI	2,912,125
TECHNOLOGIES, INC.	2,912,100	YOUNG, DANIEL	2,912,241
ROBINSON, HENRY NOEL	2,912,038	YOUNG, DOUGLAS J.	2,912,056
ROGOFF, HARRY	2,911,990	YU, STEVE JIA CHANG	2,912,883
ROTHKOPF, FLETCHER	2,911,731	ZHU, JIANG	2,912,224
ROVI GUIDES, INC.	2,913,354	ZWEED, SANDER GORDON	2,908,083
SAADA, JIM	2,912,125		
SAMUEL, MATHEW M.	2,912,919		
SANDERS, WENDEL	2,911,731		
SAPULA, MAREK TOMASZ	2,912,125		
SARMA, KESHAB	2,912,224		
SCARLESKI, WILLIAM J.	2,912,004		
SCARLESKI, WILLIAM J.	2,912,008		
SCHATZBERGER, SHAIKE	2,912,210		
SCHLUMBERGER CANADA			
LIMITED	2,912,919		
SCHMIDT, MATHIAS	2,911,731		
SEGUIN, JEAN-MARC L.	2,912,746		
SHAPIRA-SCHWEIZER,			
KEREN	2,912,210		
SMITH, KEVIN W.	2,908,109		
SMITHS DETECTION-			
WATERFORD LIMITED	2,913,529		
SNOW, JOHN MICHAEL	2,912,125		
SOERENSEN, HANNE			
RISBJERG	2,911,419		
SPANGLER, CLINTON	2,911,958		
SPRAGGS, IAN	2,911,731		
STEED, MICHAEL A.	2,912,081		
STEWART, LYALL DOUGLAS	2,911,124		
TERLIZZI, JEFFREY J.	2,911,731		