



Canadian
Intellectual Property
Office

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Office de la propriété
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du Canada

Un organisme
d'Industrie Canada

ISSN-1712-4034

The Patent

Office Record

La Gazette

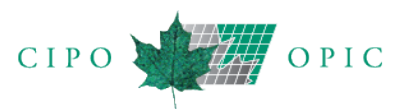
du Bureau des brevets



Vol. 142 No. 30 July 29, 2014

Vol. 142 No. 30 le 29 juillet 2014

Canada



THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

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

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

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

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

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Notices

Avis

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Dates

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

Chiffres de code

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

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

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

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

2. Country Code

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

2. Code des pays

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

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

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

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

6. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

7. Patents Available for Licence or Sale

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

8. List of Patents Available for Licence or Sale

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

2,585,604
2,633,304
2,693,454
2,708,781

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 :

2,585,604
2,633,304
2,693,454
2,708,781

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 April 29, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1638*
For each additional sheet over 30	\$18
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 29 avril 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1638 \$*
Pour chaque feuille au delà de 30	18 \$
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)) \$246

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

* International fees will be reduced by:

- \$123 for all applications filed using PCT-EASY,
- \$246 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$369 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

4. Taxe pour paiement tardif

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 246 \$

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

* Les frais seront réduits de:

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

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

15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

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

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

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

1. Établissements désignés

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

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

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

Avis

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

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

2. Registered Mail Service of Canada Post

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

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

3. Electronic Correspondence

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

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

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

2. Service Courrier recommandé de Postes Canada

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

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

3. Correspondance électronique

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

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

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

Notices

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

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

3.1 Facsimile

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

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

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

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

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

Patents

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

3.2 Online

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

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

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

3.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

3.2 En ligne

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

Avis

Patents

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

Trade-marks

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

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

Brevets

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

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

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

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

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

Marques de commerce

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

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

Notices

Copyrights

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

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

Industrial Designs

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

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

Integrated Circuit Topographies

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

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

3.3 Electronic Medium

Patents

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

Droits d'auteur

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

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

Dessins industriels

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

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

Topographies de circuits intégrés

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

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

3.3 Supports électroniques

Brevets

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

Avis

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

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

Canada as Receiving Office Under the PCT: PCT-EASY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notices

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

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

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

Electronic Media accepted by the Patent Office

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

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

4. Details concerning the electronic formats accepted

Patents

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

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

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

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

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

Supports électroniques acceptés par le Bureau des brevets

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

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

4. Précisions concernant les formats électroniques acceptés

Brevets

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

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

Avis

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

TIFF Format:

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

PDF Format:

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

ASCII Format:

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

Industrial Design

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

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

TIFF Format:

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

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

Format TIFF :

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

Format PDF :

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

Format ASCII :

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

Dessins industriels

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

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

Format TIFF :

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

Notices

Photographs in JPEG Format:

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

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

5. General Information

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

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 29, 2014 contains applications open to public inspection from July 13, 2014 to July 19, 2014.

Photographies en format JPEG :

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

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

5. Renseignements généraux

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

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 29 juillet 2014 contient les demandes disponibles au public pour consultation pour la période du 13 juillet 2014 au 19 juillet 2014.

Canadian Patents Issued

July 29, 2014

Brevets canadiens délivrés

29 juillet 2014

[11] **2,310,097**
[13] C

[51] **Int.Cl. C07K 5/00 (2006.01) A61K 38/00 (2006.01) C07K 14/575 (2006.01)**

[25] EN

[54] **NOVEL EXENDIN AGONIST COMPOUNDS**

[54] **NOUVEAUX COMPOSES AGONISTES DE L'EXENDINE**

[72] BEELEY, NIGEL ROBERT ARNOLD, US

[72] PRICKETT, KATHRYN S., US

[73] AMYLIN PHARMACEUTICALS, LLC, US

[73] ASTRAZENECA PHARMACEUTICALS LP, US

[85] 2000-05-12

[86] 1998-11-13 (PCT/US1998/024210)

[87] (WO1999/025727)

[30] US (60/065,442) 1997-11-14

[11] **2,379,108**
[13] C

[51] **Int.Cl. G01N 29/07 (2006.01) G01N 29/24 (2006.01) G01N 29/26 (2006.01) G01N 29/34 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR INSPECTING PIPELINES**

[54] **METHODE ET DISPOSITIF D'INSPECTION DES PIPELINES**

[72] KRIEG, WOLFGANG, DE

[72] HUGGER, ACHIM, DE

[73] PII PIPETRONIX GMBH, DE

[86] (2379108)

[87] (2379108)

[22] 2002-03-27

[30] DE (102 02 432.4) 2002-01-22

[11] **2,400,258**
[13] E

[51] **Int.Cl. C10C 3/00 (2006.01) B01D 17/038 (2006.01) C10G 1/04 (2006.01)**

[25] EN

[54] **BITUMINOUS FROTH INCLINED PLATE SEPARATOR AND HYDROCARBON CYCLONE TREATMENT PROCESS**

[54] **SEPARATEUR DE MOUSSE BITUMINEUSE A PLAQUES INCLINEES ET METHODE DE TRAITEMENT D'HYDROCARBURES A L'AIDE D'UN CYCLONE SEPARATEUR**

[72] GARNER, WILLIAM NICHOLAS, CA

[72] MADGE, DONALD NORMAN, CA

[72] STRAND, WILLIAM LESTER, CA

[73] SUNCOR ENERGY INC., CA

[86] (2400258)

[87] (2400258)

[48] 2014-07-29

[22] 2002-09-19

[11] **2,408,406**
[13] C

[51] **Int.Cl. C12N 9/18 (2006.01) C11D 3/386 (2006.01) C11D 11/00 (2006.01) C12N 15/55 (2006.01) C12P 7/62 (2006.01) D06M 16/00 (2006.01) D06P 1/00 (2006.01) D06P 5/02 (2006.01) D06P 5/13 (2006.01) D06P 5/15 (2006.01)**

[25] EN

[54] **CUTINASE VARIANTS**

[54] **VARIANTS DE CUTINASE**

[72] SVENDSEN, ALLAN, DK

[72] GLAD, SANNE O. S., DK

[72] FUKUYAMA, SHIRO, JP

[72] MATSUI, TOMOKO, JP

[73] NOVOZYMES A/S, DK

[85] 2002-11-05

[86] 2001-05-22 (PCT/DK2001/000350)

[87] (WO2001/092502)

[30] DK (PA 2000 00861) 2000-06-02

[30] DK (PA 2000 01577) 2000-10-23

[30] DK (PA 2000 01772) 2000-11-24

[30] DK (PA 2001 00100) 2001-01-19

[11] **2,411,304**
[13] C

[51] **Int.Cl. C12N 15/62 (2006.01) A61K 49/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01) C07K 14/435 (2006.01) C12Q 1/66 (2006.01)**

[25] EN

[54] **CHIMERIC GFP-AEQUORIN AS BIOLUMINESCENT CA++ REPORTERS AT THE SINGLE CELL LEVEL**

[54] **AEQUORINE-GFP CHIMERE UTILISEE COMME REPORTER DE CA++ BIOLUMINESCENT AU NIVEAU DE LA CELLULE UNITAIRE**

[72] BAUBET, VALERIE, US

[72] LE MOUPELLIC, HERVE, FR

[72] BRULET, PHILIPPE, FR

[73] INSTITUT PASTEUR, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2002-11-29

[86] 2001-06-01 (PCT/EP2001/007057)

[87] (WO2001/092300)

[30] US (60/208,314) 2000-06-01

[30] US (60/210,526) 2000-06-09

[30] US (60/255,111) 2000-12-14

Canadian Patents Issued
July 29, 2014

[11] **2,438,161**
[13] C

[51] **Int.Cl. C06B 31/28 (2006.01)**
[25] EN
[54] **STORAGE STABLE ANFO EXPLOSIVE COMPOSITIONS CONTAINING CHEMICAL COUPLING AGENTS AND METHOD FOR PRODUCING SAME**

[54] **COMPOSITIONS D'EXPLOSIF ANFO (NITRATE D'AMMONIUM ET FUEL-OIL), A ENTREPOSAGE STABLE, CONTENANT DES AGENTS DE COUPLAGE CHIMIQUE, ET METHODE DE PRODUCTION CONNEXE**

[72] LEGARIO, RON, CA
[72] ALILOVIC, IVANA, CA
[73] ETI CANADA INC., CA
[86] (2438161)
[87] (2438161)
[22] 2003-08-25

[11] **2,449,713**
[13] C

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 31/19 (2006.01) A61K 31/70 (2006.01) A61K 31/715 (2006.01) A61K 31/74 (2006.01) A61K 33/06 (2006.01) A61K 33/10 (2006.01) A61K 33/14 (2006.01) A61K 33/42 (2006.01) A61K 38/00 (2006.01) A61K 38/02 (2006.01) A61K 47/02 (2006.01) A61L 24/02 (2006.01) A61L 24/10 (2006.01) A61L 27/12 (2006.01) A61L 27/22 (2006.01) A61P 19/08 (2006.01)**

[25] EN
[54] **CALCIUM PHOSPHATE DELIVERY VEHICLES FOR OSTEOINDUCTIVE PROTEINS**

[54] **VECTEURS D'APPORT DE PHOSPHATE DE CALCIUM POUR PROTEINES OSTEOINDUCTRICES**

[72] LI, REBECCA HUNG-MEI, US
[72] SEEHERMAN, HOWARD JOEL, US
[72] TOFIGHI, ALIASSGHAR, US
[73] ETEX CORPORATION, US
[73] WYETH LLC, US
[85] 2003-11-28
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[54] **ANTIBODY GLYCOSYLATION VARIANTS HAVING INCREASED ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY**

[54] **VARIANTS DE GLYCOSYLATION D'ANTICORPS PRESENTANT UNE CYTOTOXICITE CELLULAIRE ACCRUE DEPENDANTE DES ANTICORPS**

[72] JEAN-MAIRET, JOEL, CH
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[72] BAILEY, JAMES E. (DECEASED), CH
[73] ROCHE GLYCART AG, CH
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[54] **THROMBIN-CLEAVABLE CHIMERIC PROTEINS**

[54] **PROTEINES CHIMERIQUES CLIVABLES PAR LA THROMBINE**

[72] LE BONNIEC, BERNARD, FR
[72] MARQUE, PIERRE-EMMANUEL, FR
[72] LOUVAIN, VIRGINIE, FR
[72] CALMEL, CLAIRE, FR
[72] BIANCHINI, ELSA, US
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[54] **METHODS TO VIEW AND ANALYZE THE RESULTS FROM DIFFRACTION-BASED DIAGNOSTICS**

[54] **PROCEDE DE VISIONNEMENT ET D'ANALYSE DES RESULTATS DE DIAGNOSTICS PAR DIFFRACTION**

[72] KAYLOR, ROSANN MARIE, US
[72] YANG, DIFEI, US
[72] ATANASSOV, ZDRAVKO SAVOV, US
[72] KNOTTS, MICHAEL EUGENE, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **LOW FIRING TEMPERATURE THICK FILM DIELECTRIC LAYER FOR ELECTROLUMINESCENT DISPLAY**

[54] **COUCHE DIELECTRIQUE DE FILM EPAIS A BASSE TEMPERATURE D'ALLUMAGE POUR AFFICHAGE ELECTROLUMINESCENT**

[72] YANG, MAIZHI, CA
[72] WU, XINGWEI, CA
[72] LEE, SEONG-EUI, CA
[72] SEALE, DANIEL JOSEPH, CA
[72] SMY, WILLIAM M., CA
[72] HUFENG, YE, CA
[72] ZHANG, HUI, CA
[72] LI, WU, CA
[72] AHN, SUNG-IL, KR
[73] IFIRE IP CORPORATION, CA
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[54] **COMPOSES D'UREE ASYMETRIQUES UTILES EN TANT QU'AGENTS D'IMAGERIE NAALADASE ET PSMA**

[72] POMPER, MARTIN G., US
[72] ZHANG, JIAZHONG, US
[72] KOZIKOWSKI, ALAN P., US
[72] MUSACHIO, JOHN L., US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[73] GEORGETOWN UNIVERSITY, US
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[72] BOLOURCHI, NADER, US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
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[54] **ANTIGEN-PRESENTING CELL POPULATIONS AND THEIR USE AS REAGENTS FOR ENHANCING OR REDUCING IMMUNE TOLERANCE**

[54] **POPULATIONS DE CELLULES PRESENTATRICES DE L'ANTIGENE ET LEUR UTILISATION COMME REACTIFS POUR RENFORCER OU DIMINUER LA TOLERANCE IMMUNITAIRE**

[72] MELLOR, ANDREW, US
[72] MUNN, DAVID, US
[73] MEDICAL COLLEGE OF GEORGIA RESEARCH INSTITUTE, INC., US
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[54] **TRI-BLOCK POLYMERS FOR NANOSPHERE-BASED DRUG OR GENE DELIVERY**

[54] **POLYMERES TRIBLOCS POUR ADMINISTRATION DE GENE OU DE MEDICAMENT A BASE DE NANOSPHERES**

[72] KOHN, JOACHIM, US
[72] VEBERT-NARDIN, CORINNE, CH
[72] BOLIKAL, DURGADAS, US
[72] SEYDA, AGNIESZKA, US
[73] RUTGERS, THE STATE UNIVERSITY, US
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[54] **PROCEDE D'INTERFERENCE EFFICACE PAR ARN DANS DES CELLULES DE MAMMIFERE**
[72] YANG, DUN, US
[72] BISHOP, MICHAEL J., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PROCEDE ET SYSTEME DE RECHERCHE POUR LA PECHE LITTORALE**
[72] BETTS, DAVID A., US
[72] RASMUSSEN, DOUGLAS WARREN, US
[72] BENNETT, CHRISTOPHER JAMES, US
[73] TECHSONIC INDUSTRIES, INC., US
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[54] **INFECTIOUS CDNA OF AN APPROVED VACCINE STRAIN OF MEASLES VIRUS, USE FOR IMMUNOGENIC COMPOSITIONS**
[54] **ADNC INFECTIEUX D'UNE SOUCHE VACCINALE AGREEE DU VIRUS DE LA ROUGEOLE, ET UTILISATION POUR DES COMPOSITIONS IMMUNOGENES**
[72] TANGY, FREDERIC, FR
[72] COMBREDT, CHANTAL, FR
[72] LABROUSSE-NAJBURG, VALERIE, FR
[72] BRAHIC, MICHEL, FR
[73] INSTITUT PASTEUR, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **IL-7 DRUG SUBSTANCE, COMPOSITION, PREPARATION AND USES**
[54] **SUBSTANCE DE MEDICAMENT A BASE D'IL-7, COMPOSITION, PREPARATION ET UTILISATIONS**
[72] MORRE, MICHEL CHRISTIAN, FR
[72] ASSOULINE, BRIGITTE, FR
[72] CORTEZ, PIERRE, FR
[72] GREGOIRE, ANNE, FR
[73] CYTHERIS, FR
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[54] **SYSTEME D'UNITE DE COMMANDE MULTINIVEAU**
[72] KASDAN, HARVEY L., US
[72] GOLD, KENNETH S., US
[72] TINDEL, JON FRANK, US
[72] ATTERHOLT, KEN A., US
[72] FRIDGE, DAVID ALAN, US
[73] IRIS INTERNATIONAL, INC., US
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[54] **ANCRAGE POUR MURS CREUX**
[72] CROSSLEY, WILLIAM A., US
[72] MCDUFF, PIERRE, CA
[72] LABELLE, RICHARD, CA
[72] NGUYEN, LANG, CA
[72] VILLAGRASA, MICHEL, CA
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[54] **LENTILLES OPHTALMIQUES**
[72] LINDACHER, JOSEPH MICHAEL, US
[72] MORGAN, COURTNEY FLEM, US
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[54] **PROCEDE ET INSTALLATIONS DESTINES AU TRANSPORT DE SOLIDES A GRAINS FINS**

[72] FREYTAG, JOCHEN, DE

[72] HIRSCH, MARTIN, DE

[72] STROEDER, MICHAEL, DE

[73] OUTOTEC OYJ, FI

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[54] **FABRIC NETWORK MANAGEMENT AND DIAGNOSTIC TOOL**

[54] **GESTION DE RESEAU DE TISSU ET OUTIL DE DIAGNOSTIC**

[72] GILMOUR, DAVID ALEXANDER, CA

[72] PARIEN, HARVEY, CA

[73] FABRIC EMBEDDED TOOLS CORPORATION, CA

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[54] **SMART MATERIALS: STRAIN SENSING AND STRESS DETERMINATION BY MEANS OF NANOTUBE SENSING SYSTEMS, COMPOSITES, AND DEVICES**

[54] **MATERIAUX INTELLIGENTS: DETECTION DE DEFORMATION ET DETERMINATION DE CONTRAINTE AU MOYEN DE SYSTEMES DE DETECTION PAR NANOTUBES, COMPOSITES ET DISPOSITIFS**

[72] BARRERA, ENRIQUE V., US

[72] NAGARAJAIAH, SATISH, US

[72] DHARAP, PRASAD, US

[72] ZHILING, LI, US

[72] KIM, JONG DAE, US

[73] WILLIAM MARSH RICE UNIVERSITY, US

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[54] **SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY SYSTEM**

[54] **SYSTEME DE TOMOGRAPHIE MONOPHOTONIQUE D'EMISSION**

[72] JUNI, JACK E., US

[73] JUNI, JACK E., US

[73] Highbrook Holdings, LLC, US

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[54] **PURIFICATION PROCESS**

[54] **PROCEDE DE PURIFICATION**

[72] BIEMANS, RALPH, BE

[72] GORAJ, CARINE, BE

[72] MERTENS, EMMANUEL, BE

[72] VANDERCAMMEN, ANNE, BE

[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE

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[54] **DUPLEX STAINLESS STEEL ALLOY AND USE THEREOF**

[54] **ALLIAGE D'ACIER INOXYDABLE DUPLEX**

[72] LINDH, ANDERS, SE

[73] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2005-08-30

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[54] **SELF HARDENING GLASS CARBOMER COMPOSITION**

[54] **COMPOSITION DE CARBOXYPOLYMETHYLENE DE VERRE AUTODURCISSANTE**

[72] VAN DEN BOSCH, WILLEM FREDERIK, NL

[72] VAN DUINEN, RAIMOND NICOLAAS BRUNO, NL

[73] STICHTING GLASS FOR HEALTH, NL

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[54] **INTEGRATED CIRCUIT DEVELOPMENT SYSTEM**
[54] **SYSTEME DE MISE AU POINT D'UN CIRCUIT INTEGRE**
[72] JONES, ANTHONY MARK, US
[72] WASSON, PAUL M., US
[73] AMBRIC, INC, US
[85] 2005-11-30
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[54] **DISPOSITIFS ELECTROCHIRURGICAUX ET METHODES DE COUPE SELECTIVE DE TISSUS**
[72] MITTELSTEIN, MICHAEL, US
[72] SORENSEN, JOHN T., US
[72] MIRHASHEMI, SOHEILA, US
[72] GERG, JAMES B., US
[73] NEOMEDIX CORPORATION, US
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[54] **BRULEUR A OXYGENE A FAIBLE POUVOIR THERMIQUE**
[72] ADAMS, HARRY P., US
[72] BAKER, DAVID J., US
[72] JIAN, CHRISTOPHER Q., US
[72] TOTH, WILLIAM W., US
[73] OWENS CORNING, US
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[25] FR
[54] **METHOD FOR PREPARING AN ELECTRODE FROM A POROUS MATERIAL, RESULTING ELECTRODE AND CORRESPONDING ELECTROCHEMICAL SYSTEM**
[54] **PROCEDE DE PREPARATION D'ELECTRODE A PARTIR D'UN MATERIAU POREUX, ELECTRODE AINSI OBTENUE ET SYSTEME ELECTROCHIMIQUE CORRESPONDANT**
[72] KOSTECKI, ROBERT, US
[72] KINOSHITA, KIMIO, US
[72] ARMAND, MICHEL, CA
[72] CHAREST, PATRICK, CA
[72] GUERFI, ABDELBAST, CA
[72] ZAGHIB, KARIM, CA
[73] HYDRO-QUEBEC, CA
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[54] **METHOD FOR PREPARING A CATALYST FOR OXIDATION OF METHANOL TO FORMALDEHYDE**
[54] **METHODE POUR PREPARER UN CATALYSEUR POUR L'OXYDATION DU METHANOL EN FORMALDEHYDE**
[72] CONCA, ESTERINO, IT
[72] RUBINI, CARLO, IT
[72] MARCHI, MARCELLO, IT
[73] SUD-CHEMIE CATALYSTS ITALIA S.R.L., IT
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[54] **VESSEL SEALER AND DIVIDER WITH ROTATING SEALER AND CUTTER**
[54] **OBTURATRICE-SEPARATRICE DE VAISSEAU AVEC OBTURATRICE-SECTIONNEUSE ROTATIVE**
[72] JOHNSON, KRISTIN D., US
[72] BUYASSE, STEVEN PAUL, US
[73] SHERWOOD SERVICES AG, CH
[86] (2532713)
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[54] **FLEXIBLE LICENSING ARCHITECTURE FOR LICENSING DIGITAL APPLICATION**
[54] **ARCHITECTURE SOUPLE DE DELIVRANCE DE LICENCE POUR APPLICATION NUMERIQUE**
[72] GUNYAKTI, CAGLAR, US
[72] BROOKS, CECIL RAY, US
[72] GIROTTO, JAY ROBERT, US
[72] HAUGEN, TODD, US
[73] MICROSOFT CORPORATION, US
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[22] 2006-01-17
[30] US (11/051,162) 2005-02-04

[11] **2,533,190**
[13] C

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[54] **MOBILE USER POSITION LOCATING SYSTEM**
[54] **SYSTEME DE LOCALISATION DE LA POSITION D'UN UTILISATEUR DE PORTABLE**
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[73] BELL MOBILITY INC., CA
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[54] **SYSTEM AND METHOD FOR REGISTERING AND UNREGISTERING MEMBERSHIP IN VIRTUAL LOCAL AREA NETWORKS**
[54] **SYSTEME ET METHODE POUR ENREGISTRER ET DESENGISTRER UNE APPARTENANCE A DES RESEAUX LOCAUX VIRTUELS**
[72] FINN, NORMAN W., US
[73] CISCO TECHNOLOGY, INC., US
[85] 2006-02-01
[86] 2004-09-23 (PCT/US2004/031199)
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[30] US (10/671,084) 2003-09-25

[11] **2,535,595**

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[25] EN
[54] **ANCHOR ROPE LOCK**
[54] **VERROU DE CORDE D'AMARRAGE**
[72] JUNGBLOM, ERIC, US
[72] BLAKE, FRED LEE, US
[73] JUNGBLOM, ERIC, US
[73] BLAKE, FRED LEE, US
[86] (2535595)
[87] (2535595)
[22] 2006-02-08
[30] US (60/651,381) 2005-02-08

[11] **2,535,989**

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[25] EN
[54] **MULTI-CARRIER COMMUNICATION USING ADAPTIVE TONE-PRUNING**
[54] **SYSTEME DE COMMUNICATION A PLUSIEURS PORTEUSES UTILISANT L'ELAGAGE ADAPTATIF DE TONALITES**
[72] ROMANO, PASQUALE, US
[72] SEDARAT, HOSSEIN, US
[72] FISHER, KEVIN, US
[73] 2WIRE INC., US
[85] 2006-01-25
[86] 2005-06-30 (PCT/US2005/023634)
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[30] US (10/883,520) 2004-06-30

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[25] EN
[54] **PREVENTIVE CANCER VACCINE BASED ON BROTHER OF REGULATOR OF IMPRINTED SITES MOLECULE (BORIS)**
[54] **VACCIN PREVENTIF CONTRE LE CANCER A BASE DE MOLECULE BORIS (FRERE DU REGULATEUR DE SITES MARQUES)**
[72] AGADJANYAN, MICHAEL G., US
[72] GHOCHIKYAN, ANAHIT, US
[73] UNIVAX, LLC, US
[85] 2006-02-27
[86] 2004-08-25 (PCT/US2004/027856)
[87] (WO2005/021029)
[30] US (60/497,511) 2003-08-25

[11] **2,537,760**

[13] C

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[25] EN
[54] **A METHOD FOR THE CONTINUOUS MANUFACTURE OF EXPANDABLE PLASTIC GRANULATE**
[54] **PROCEDE POUR LA FABRICATION EN CONTINU D'UN GRANULE DE PLASTIQUE EXPANSIBLE**
[72] PASSAPLAN, CLAUDE, CH
[72] SCHERRER, HERBERT, CH
[73] SULZER CHEMTECH AG, CH
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[87] (2537760)
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[54] **CATHETER TIP**
[54] **BOUT DE CATHETER**
[72] MCHALE, THOMAS, IE
[72] WEBER, JAN, US
[73] BOSTON SCIENTIFIC LIMITED, BM
[85] 2006-03-03
[86] 2004-11-17 (PCT/US2004/038299)
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[30] US (10/767,675) 2004-01-29

[11] **2,538,199**

[13] C

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[25] EN
[54] **SYSTEMS AND METHODS FOR INTRA-OPERATIVE STIMULATION**
[54] **SYSTEMES ET METHODES DE STIMULATION PEROPERATOIRE**
[72] THROPE, GEOFFREY B., US
[72] MRVA, JOSEPH J., US
[72] STROTHER, ROBERT B., US
[73] CHECKPOINT SURGICAL, LLC, US
[86] (2538199)
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[13] C

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[54] **SERVICE OPERATION DATA PROCESSING USING CHECKLIST FUNCTIONALITY IN ASSOCIATION WITH INSPECTED ITEMS**
[54] **TRAITEMENT DE DONNEES D'OPERATIONS DE SERVICES UTILISANT UNE FONCTIONNALITE DE LISTE DE CONTROLE ASSOCIEE A DES ELEMENTS VERIFIES**
[72] APOSTOLIDES, JOHN K., US
[73] RPM INDUSTRIES, LLC, US
[85] 2006-03-15
[86] 2004-09-16 (PCT/US2004/030183)
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[30] US (10/666,463) 2003-09-19

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[25] EN
[54] **A MIXTURE FOR TRANSDERMAL DELIVERY OF LOW AND HIGH MOLECULAR WEIGHT COMPOUNDS COMPRISING AN ETHOXYLATED OIL**
[54] **MELANGE POUR ADMINISTRATION TRANSDERMIQUE DE COMPOSES A POIDS MOLECULAIRE FAIBLE ET ELEVE COMPRENANT UNE HUILE ETHOXYLEE**
[72] JORDAN, FREDERICK L., US
[73] ORYXE, US
[85] 2006-03-28
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[13] C

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[25] EN
[54] **CLAMPING HOLDER**
[54] **SUPPORT DE SERRAGE**
[72] NONIEWICZ, ZBIGNIEW, DE
[73] WOLFCRAFT GMBH, DE
[86] (2541252)
[87] (2541252)
[22] 2006-03-29
[30] DE (102005015336.4) 2005-04-01
[30] DE (102006010383.1) 2006-03-03

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[13] C

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[25] EN
[54] **INFORMATION STORAGE MEDIUM STORING TEXT-BASED SUBTITLE, AND APPARATUS AND METHOD FOR PROCESSING TEXT-BASED SUBTITLE**
[54] **SUPPORT DE STOCKAGE D'INFORMATIONS STOCKANT UN SOUS-TITRE TEXTE, ET APPAREIL ET PROCEDE DE TRAITEMENT D'UN SOUS-TITRE TEXTE**
[72] KANG, MAN-SEOK, KR
[72] MOON, SEONG-JIN, KR
[72] JUNG, KIL-SOO, KR
[72] PARK, SUNG-WOOK, KR
[72] CHUNG, HYUN-KWON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2006-04-03
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[13] C

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[25] EN
[54] **THE USE OF A POLYPHENOL FOR THE TREATMENT OF A CANCEROUS OR PRE-CANCEROUS LESION OF THE SKIN**
[54] **UTILISATION D'UN POLYPHENOL POUR LE TRAITEMENT D'UNE LESION CANCEREUSE OU PRECANCEREUSE DE LA PEAU**
[72] STOCKFLETH, EGGERT, DE
[73] MEDIGENE AG, DE
[85] 2006-04-04
[86] 2004-10-08 (PCT/EP2004/011300)
[87] (WO2005/037300)
[30] US (60/510,101) 2003-10-09

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[13] C

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[25] EN
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[54] **BANC D'ESSAIS ET DE MESURES A MEMOIRE REENREGISTRABLE INTEGREE**
[72] GRIFFITH, ALUN, GB
[72] COULSON, ALAN, GB
[72] TAYLOR, DAVID, GB
[72] HAYTER, PAUL GRAHAM, US
[73] LIFESCAN SCOTLAND LIMITED, GB
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[13] C

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[54] **LIQUID TIGHT FITTING FOR CONDUIT**
[54] **RACCORD DE CANALISATION ETANCHE AUX LIQUIDES**
[72] TOPOLSEK, HERMANN J., CA
[72] MOLTO, HOWARD W., CA
[73] MM PLASTIC (MFG.) COMPANY, INC., CA
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[22] 2006-04-13
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[54] **ANTENNE HYPERFREQUENCE
HAUTE RESISTANCE
RENFORCEE**
[72] TUROVSKIY, ROMAN, US
[72] SU, TED, US
[72] PRAKASH, MANI, US
[72] KIM, STEVEN, US
[73] COVIDIEN LP, US
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[30] US (11/126,531) 2005-05-10

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[13] C

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[25] EN
[54] **FERRIERITE COMPOSITIONS
FOR REDUCING NOX EMISSIONS
DURING FLUID CATALYTIC
CRACKING**
[54] **COMPOSITIONS DE FERRIERITE
VISANT A REDUIRE LES
EMISSIONS DE NO<SB>X</SB>
LIBEREES LORS D'UN
CRAQUAGE CATALYTIQUE
FLUIDE**
[72] YALURIS, GEORGE, US
[72] ZIEBARTH, MICHAEL SCOTT, US
[72] ZHAO, XINJIN, US
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[30] US (10/909,706) 2004-08-02

[11] **2,545,917**
[13] C

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[25] EN
[54] **METHODS OF DETECTING
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DISEASE TYPE 2A**
[54] **PROCEDE DE DETECTION DE LA
MALADIE DE CHARCOT-MARIE
DE TYPE 2A**
[72] VANCE, JEFFERY M., US
[72] ZUCHNER, STEPHAN, US
[72] PERICAK-VANCE, MARGARET A.,
US
[73] DUKE UNIVERSITY, US
[85] 2006-05-12
[86] 2004-11-11 (PCT/US2004/037499)
[87] (WO2005/049866)
[30] US (60/520,429) 2003-11-14

[11] **2,547,043**
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[25] EN
[54] **A PLASMA SOURCE AND
APPLICATIONS THEREOF**
[54] **SOURCE A PLASMA ET
APPLICATIONS CONNEXES**
[72] COULOMBE, SYLVAIN, CA
[72] YONSON, SARA, CA
[72] LEVEILLE, VALERIE, CA
[72] LEASK, RICHARD, CA
[73] MCGILL UNIVERSITY, CA
[86] (2547043)
[87] (2547043)
[22] 2006-05-16
[30] US (60/705,443) 2005-08-08

[11] **2,548,744**
[13] C

[51] **Int.Cl. F21L 4/00 (2006.01)**
[25] EN
[54] **FLASHLIGHT WITH
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[54] **LAMPE DE POCHE A PILE AU
LITHIUM-ION RECHARGEABLE**
[72] SHARRAH, RAYMOND L., US
[72] ZIEGENFUSS, PETER J., US
[73] STREAMLIGHT, INC., US
[85] 2006-06-08
[86] 2004-12-20 (PCT/US2004/043286)
[87] (WO2005/060715)
[30] US (10/753,216) 2003-12-19

[11] **2,548,896**
[13] C

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[25] EN
[54] **MULTIMERIC GALECTIN-1 AND
ITS USE FOR INDUCING IL-10
PRODUCTION**
[54] **GALECTIN 1 MULTIMERE ET
SON UTILISATION POUR
INDUIRE LA PRODUCTION D'IL-
10**
[72] GROEN, HERMAN, NL
[72] POPPEMA, SIBRAND, NL
[72] VAN DEN BERG, ANKE, NL
[72] VISSER, LYDIA, NL
[72] VAN DER LEIJ, JUDITH, NL
[72] VAN WEEGHEL, ROB P., NL
[72] ZWIERS, PETER, NL
[73] OMEMO BIOSOLUTIONS BV., NL
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[86] 2004-12-13 (PCT/IB2004/004437)
[87] (WO2005/065017)
[30] US (60/529,137) 2003-12-12
[30] US (60/571,145) 2004-05-14

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[13] C

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[54] **PROCEDES DE SYNTHESE DE
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[72] ARICO-MUENDEL, CHRISTOPHER
C., US
[72] WAGNER, RICHARD, US
[72] ISRAEL, DAVID I., US
[72] GEFTER, MALCOLM L., US
[72] BENJAMIN, DENNIS, US
[72] HANSEN, NILS JAKOB VEST, US
[72] KAVARANA, MALCOLM J., US
[72] CREASER, STEFFEN PHILLIP, US
[72] FRANKLIN, GEORGE J., US
[72] CLARK, MATHEW A., US
[72] CENTRELLA, PAOLO A., US
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[73] GLAXOSMITHKLINE LLC, US
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[86] 2004-12-17 (PCT/US2004/042964)
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[30] US (60/530,854) 2003-12-17
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[25] EN
[54] **SINTERED BODY OF TITANIUM COMPOUND**
[54] **CORPS FRITTE OBTENU A PARTIR D'UN COMPOSE DE TITANE**
[72] FUJITA, TATSUSHI, JP
[72] TAMURA, KENICHI, JP
[72] MORISAKI, YURIKO, JP
[73] IMMUNO-SCIENCE CO., INC., JP
[85] 2006-06-14
[86] 2004-12-10 (PCT/JP2004/018851)
[87] (WO2005/058754)
[30] JP (2003-421387) 2003-12-18
[30] JP (2004-208462) 2004-07-15

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[13] C

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[25] FR
[54] **PROCESS FOR SELECTIVE SEPARATION OF USED FRAGMENTED POLYMERIC MATERIALS BY USING A DYNAMICALLY STABILIZED DENSE AQUEOUS SUSPENSION**
[54] **SEPARATION SELECTIVE DE MATERIAUX POLYMERES FRAGMENTES, USAGES, PAR UNE SUSPENSION AQUEUSE DENSE DYNAMIQUEMENT STABILISEE**
[72] DE FERAUDY, HUGUES, FR
[72] SEINERA, HENRI, FR
[73] GALLOO PLASTICS (S.A.), FR
[85] 2006-06-09
[86] 2004-12-08 (PCT/FR2004/003150)
[87] (WO2005/065830)
[30] FR (0314472) 2003-12-10

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[13] C

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[25] EN
[54] **BEVERAGE DISPENSING GAS CONSUMPTION DETECTION WITH ALARM AND BACKUP OPERATION**
[54] **SYSTEME DE DETECTION DE LA CONSOMMATION DE GAZ PAR UN DISTRIBUTEUR DE BOISSONS COMPORTANT UN DISPOSITIF D'ALARME ET UN DISPOSITIF DE SECOURS**
[72] BODEMANN, TIMOTHY S., US
[73] SOUTH-TEK SYSTEMS, US
[86] (2550461)
[87] (2550461)
[22] 2006-06-20
[30] US (11/156,859) 2005-06-20

[11] **2,554,166**
[13] C

[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING OXIDATIVE DAMAGE**
[54] **METHODES DE REDUCTION DE LESIONS PAR OXYDATION**
[72] SZETO, HAZEL H., US
[73] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2006-07-21
[86] 2005-01-21 (PCT/US2005/002119)
[87] (WO2005/072295)
[30] US (60/538,841) 2004-01-23

[11] **2,555,427**
[13] C

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[25] EN
[54] **REFORMING CATALYST FOR HYDROCARBON, METHOD FOR PRODUCING HYDROGEN USING SUCH REFORMING CATALYST, AND FUEL CELL SYSTEM**
[54] **CATALYSEUR DE REFORMAGE POUR HYDROCARBURE, PROCEDE DE FABRICATION D'HYDROGENE A L'AIDE D'UN CATALYSEUR DE REFORMAGE, ET SYSTEME A CELLULE ELECTROCHIMIQUE**
[72] KAWASHIMA, YOSHIMI, JP
[72] OHASHI, HIROSHI, JP
[73] IDEMITSU KOSAN CO., LTD., JP
[85] 2006-08-08
[86] 2005-02-17 (PCT/JP2005/002432)
[87] (WO2005/079978)
[30] JP (2004-043545) 2004-02-19

[11] **2,555,507**
[13] C

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[25] EN
[54] **USE OF PROTON PUMP INHIBITORS FOR THE TREATMENT OF CANCER CONDITIONS**
[54] **UTILISATION D'INHIBITEURS DE LA POMPE A PROTONS POUR LE TRAITEMENT DU CANCER**
[72] FAIS, STEFANO, IT
[72] LUCIANI, FRANCESCA, IT
[73] ISTITUTO SUPERIORE DI SANITA, IT
[85] 2006-08-08
[86] 2005-02-14 (PCT/EP2005/002250)
[87] (WO2005/077365)
[30] GB (0403165.4) 2004-02-12

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[13] C

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[25] EN
[54] **TWO PIECE QUICK CONNECT RETAINER**
[54] **DISPOSITIF DE RETENUE DEUX PIECES A BRANCHEMENT RAPIDE**
[72] SHEPPARD, JEFF, CA
[72] BETTIO, DARIO, CA
[73] DANA CANADA CORPORATION, CA
[86] (2556467)
[87] (2556467)
[22] 2006-08-18

[11] **2,556,655**
[13] C

[51] **Int.Cl. G01V 8/16 (2006.01) E21B 49/00 (2006.01) G02B 23/26 (2006.01)**
[25] EN
[54] **BOREHOLE IMAGING**
[54] **IMAGERIE DE TROU DE FORAGE**
[72] VESSEREAU, PATRICK, FR
[72] CHEUNG, PHILIP, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2556655)
[87] (2556655)
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[11] **2,558,112**
[13] C

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A BENZODIAZEPINE DERIVATIVE AND AN INHIBITOR OF THE RSV FUSION PROTEIN**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN DERIVE DE BENZODIAZEPINE ET UN INHIBITEUR DE LA PROTEINE DE FUSION DU VRS**
[72] POWELL, KENNETH, GB
[72] KELSEY, RICHARD, GB
[72] CARTER, MALCOLM, GB
[72] ALBER, DAGMAR, GB
[72] WILSON, LARA, GB
[72] HENDERSON, ELISA, GB
[72] CHAMBERS, PHIL, GB
[72] TAYLOR, DEBRA, GB
[72] TYMS, STAN, GB
[72] DOWDELL, VERITY, GB
[73] ARROW THERAPEUTICS LIMITED, GB
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[87] (WO2005/089769)
[30] GB (0406282.4) 2004-03-19

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[13] C

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[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCING ETHANOL USING RAW STARCH AND FRACTIONATION**
[54] **PROCEDES ET SYSTEMES SERVANT A PRODUIRE DE L'ETHANOL AU MOYEN D'AMIDON BRUT ET D'UN FRACTIONNEMENT**
[72] LEWIS, STEVEN M., US
[73] POET RESEARCH, INC., US
[85] 2006-09-07
[86] 2005-03-10 (PCT/US2005/008156)
[87] (WO2005/087938)
[30] US (60/552,108) 2004-03-10
[30] US (60/614,916) 2004-09-30
[30] US (60/615,155) 2004-10-01

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[13] C

[51] **Int.Cl. F21V 21/04 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **LIGHTING FIXTURE SERVICE ACCESS**
[54] **DISPOSITIF D'ACCES POUR L'ENTRETIEN DES LUMINAIRES**
[72] MILETICH, DON, US
[72] KINNUNE, BRIAN L., US
[73] CREE, INC., US
[86] (2560566)
[87] (2560566)
[22] 2006-09-22
[30] US (11/478,781) 2006-06-30

[11] **2,560,877**
[13] C

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE PREVENTION OF URINARY INCONTINENCE IN FEMALES**
[54] **APPAREIL POUR LA PREVENTION DE L'INCONTINENCE URINAIRE FEMININE**
[72] ZIV, ELAN, IL
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2006-09-18
[86] 2005-03-17 (PCT/IL2005/000304)
[87] (WO2005/087154)
[30] US (60/553,964) 2004-03-18
[30] US (60/555,977) 2004-03-25
[30] US (60/570,469) 2004-05-13
[30] US (60/570,535) 2004-05-13
[30] IL (PCT/IL2004/000433) 2004-05-20
[30] US (60/598,835) 2004-08-05
[30] US (60/602,636) 2004-08-19

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[11] **2,561,473**
[13] C

[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **ELECTROACTIVE POLYMER-BASED ACTUATION MECHANISM FOR LINEAR SURGICAL STAPLER**
[54] **MECANISME D'ACTIONNEMENT ELECTROACTIF A BASE DE POLYMERE POUR AGRAFEUSE CHIRURGICALE LINEAIRE**
[72] ORTIZ, MARK S., US
[72] SHELTON, FREDERICK E., IV, US
[72] HUEIL, JOSEPH CHARLES, US
[72] SWAYZE, JEFFREY S., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2561473)
[87] (2561473)
[22] 2006-09-28
[30] US (11/162,988) 2005-09-30

[11] **2,561,657**
[13] C

[51] **Int.Cl. H05H 1/30 (2006.01)**
[25] EN
[54] **COAXIAL MICROWAVE PLASMA TORCH**
[54] **CHALUMEAU AU PLASMA MICRO-ONDE COAXIAL**
[72] FUJII, SHUITSU, JP
[72] RAMASAMY, RAJU, JP
[72] URAYAMA, TAKUYA, JP
[72] FUJIOKA, KAZUNARI, JP
[73] ADTEC PLASMA TECHNOLOGY CO., LTD., JP
[85] 2006-09-28
[86] 2005-03-25 (PCT/JP2005/005523)
[87] (WO2005/099322)
[30] JP (2004-105472) 2004-03-31

[11] **2,562,486**
[13] C

[51] **Int.Cl. H01L 31/00 (2006.01)**
[25] EN
[54] **METHOD OF FABRICATING AN OPTOELECTRONIC DEVICE HAVING A BULK HETEROJUNCTION**
[54] **PROCEDE DE FABRICATION DE DISPOSITIF OPTOELECTRONIQUE A HETEROJONCTION MASSIVE**
[72] SHTEIN, MAX, US
[72] YANG, FAN, US
[72] FORREST, STEPHEN R., US
[73] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2006-10-11
[86] 2005-04-13 (PCT/US2005/012928)
[87] (WO2005/101524)
[30] US (10/824,288) 2004-04-13
[30] US (10/999,716) 2004-11-30

[11] **2,562,554**
[13] C

[51] **Int.Cl. C07C 323/52 (2006.01) A61K 31/10 (2006.01) A61P 43/00 (2006.01) C07C 317/18 (2006.01) C07C 317/44 (2006.01) C07C 323/07 (2006.01) C07C 323/60 (2006.01) C07D 211/46 (2006.01) C07D 295/18 (2006.01) C07D 295/20 (2006.01) C07D 307/52 (2006.01) C07D 307/68 (2006.01) C07D 333/20 (2006.01) C07D 333/38 (2006.01)**
[25] EN
[54] **THIO-SUBSTITUTED ARYLMETHANESULFINYL DERIVATIVES**
[54] **DERIVES D'ARYLMETHANESULFINYLE THIO-SUBSTITUES**
[72] LESUR, BRIGITTE, FR
[72] LOUVET, PHILIPPE, FR
[72] TRIPATHY, RABINDRANATH, US
[73] CEPHALON INC., US
[73] TEVA SANTE, FR
[85] 2006-10-11
[86] 2005-04-13 (PCT/IB2005/000964)
[87] (WO2005/100310)
[30] EP (04290983.8) 2004-04-13
[30] US (60/568,991) 2004-05-07
[30] US (11/104,074) 2005-04-12

[11] **2,562,605**
[13] C

[51] **Int.Cl. A23G 3/42 (2006.01) A23G 3/34 (2006.01) A23L 1/0522 (2006.01) A23L 1/10 (2006.01) A23L 1/308 (2006.01)**
[25] EN
[54] **PRODUCTION OF LOW CALORIE, EXTRUDED, EXPANDED FOODS HAVING A HIGH FIBER CONTENT**
[54] **PRODUCTION D'ALIMENTS EXPANSES, EXTRUDES ET HYPOCALORIQUES A TENEUR ELEVEE EN FIBRES**
[72] ZIMERI, JEANNY E., US
[72] HAYNES, LYNN, US
[72] OLSON, ALLAN R., US
[72] ARORA, VIJAY KUMAR, US
[72] SLADE, LOUISE, US
[72] LEVINE, HAROLD I., US
[72] KWEON, MEERA, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[86] (2562605)
[87] (2562605)
[22] 2006-10-05
[30] US (11/258,759) 2005-10-26

[11] **2,562,828**
[13] C

[51] **Int.Cl. C07C 7/09 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **HYDROCARBON GAS PROCESSING FOR RICH GAS STREAMS**
[54] **TRAITEMENT D'HYDROCARBURES GAZEUX DESTINE A DES FLUX RICHES EN GAZ**
[72] HUEBEL, ROBERT R., US
[72] FOGLIETTA, JORGE H., US
[72] PATEL, SANJIV N., US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2006-10-13
[86] 2005-04-14 (PCT/US2005/012829)
[87] (WO2005/102968)
[30] US (60/562,481) 2004-04-15

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[11] **2,563,113**
[13] C

- [51] **Int.Cl. B65D 85/24 (2006.01)**
[25] EN
[54] **RIVET COLLATING SYSTEM INCLUDING RIVET HOLDER AND METHOD OF FORMING THE SAME**
[54] **SYSTEME D'ASSEMBLAGE DE RIVETS COMPRENANT UN SUPPORT DE RIVETS, ET PROCEDE DE REALISATION CORRESPONDANT**
[72] VOGRIG, JOSEPH, US
[72] MUSIL, EDWARD C., US
[73] FLEXIBLE STEEL LACING COMPANY, US
[85] 2006-10-13
[86] 2005-04-11 (PCT/US2005/012119)
[87] (WO2005/105614)
[30] US (10/823,878) 2004-04-14

[11] **2,563,242**
[13] C

- [51] **Int.Cl. F01D 5/28 (2006.01)**
[25] EN
[54] **DOVETAIL SURFACE ENHANCEMENT FOR DURABILITY**
[54] **AMELIORATION DE SURFACE EN QUEUE D'ARONDE POUR DURABILITE**
[72] MCCANN, MICHAEL EDWARD, US
[72] PARK, SANG YENG, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2563242)
[87] (2563242)
[22] 2006-10-12
[30] US (11/314,147) 2005-12-21

[11] **2,564,152**
[13] C

- [51] **Int.Cl. A43C 11/00 (2006.01)**
[25] EN
[54] **WEIGHT-ACTIVATED TYING SHOE**
[54] **CHAUSSURE A LACAGE COMMANDE PAR LE POIDS**
[72] LABBE, FREDERICK F.L., CA
[73] LABBE, FREDERICK F.L., CA
[86] (2564152)
[87] (2564152)
[22] 2006-10-16

[11] **2,564,221**
[13] C

- [51] **Int.Cl. B01J 23/80 (2006.01) B01J 23/755 (2006.01) B01J 37/02 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **CORE-SHELL CATALYST, ITS PREPARATION AND USE THEREOF FOR FISCHER-TROPSCH SYNTHESIS**
[54] **CATALYSEUR ENVELOPPE-NOYAU ET SON PROCEDE DE PREPARATION ET D'UTILISATION EN SYNTHESE DE FISCHER-TROPSCH**
[72] BAIJENSE, CORNELIS ROELAND, NL
[72] JOHNSON, GEOFFREY, US
[72] MOINI, AHMED, US
[73] ENGELHARD CORPORATION, US
[85] 2006-10-25
[86] 2005-04-26 (PCT/US2005/014228)
[87] (WO2005/116167)
[30] US (10/836,445) 2004-04-30
[30] US (11/113,142) 2005-04-25

[11] **2,564,603**
[13] C

- [51] **Int.Cl. A61K 31/7076 (2006.01) A61K 31/5513 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **THERAPEUTIC COMPOSITIONS CONTAINING AT LEAST ONE PYRROLOBENZODIAZEPINE DERIVATIVE AND FLUDARABINE**
[54] **COMPOSITION THERAPEUTIQUE CONTENANT AU MOINS UN DERIVE DE LA PYRROLOBENZODIAZEPINE ET LA FLUDARABINE**
[72] DELAVAUULT, PATRICK, FR
[72] PEPPER, CHRIS, GB
[73] IPSEN PHARMA S.A.S, FR
[85] 2006-10-25
[86] 2005-04-26 (PCT/FR2005/001025)
[87] (WO2005/105113)
[30] FR (0404424) 2004-04-27

[11] **2,565,220**
[13] C

- [51] **Int.Cl. E21B 17/04 (2006.01) E21B 17/10 (2006.01) E21B 23/00 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INSTALLING WELLBORE STRING DEVICES**
[54] **APPAREIL ET METHODE POUR INSTALLER DES DISPOSITIFS DE COLONNE DE TUBAGE DE Puits DE FORAGE**
[72] ANGMAN, PER G., CA
[73] TESCO CORPORATION, CA
[86] (2565220)
[87] (2565220)
[22] 2006-10-23

[11] **2,565,650**
[13] C

- [51] **Int.Cl. A61M 25/01 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING A STYLETTE FROM A CATHETER**
[54] **METHODE DE RETRAIT DU STYLET D'UN CATHETER**
[72] VENUGOPALAN, RAMAKRISHNA, US
[72] SCHORN, GREG M., US
[73] CODMAN & SHURTLEFF, INC., US
[86] (2565650)
[87] (2565650)
[22] 2006-10-26
[30] US (11/262,697) 2005-10-31

[11] **2,566,069**
[13] C

- [51] **Int.Cl. A61M 25/08 (2006.01) A61B 1/005 (2006.01) A61B 1/273 (2006.01) A61M 25/04 (2006.01)**
[25] EN
[54] **LUMEN TRAVERSING DEVICE**
[54] **DISPOSITIF POUR TRAVERSER UNE LUMIERE**
[72] ORTIZ, MARK S., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2566069)
[87] (2566069)
[22] 2006-10-30
[30] US (11/267,463) 2005-11-04

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[11] **2,566,900**
[13] C

[51] **Int.Cl. H04L 12/12 (2006.01) G10L 13/00 (2006.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01) H04M 11/06 (2006.01) H04Q 9/00 (2006.01)**

[25] EN

[54] **REMOTE ACCESS SYSTEM AND METHOD AND INTELLIGENT AGENT THEREFOR**

[54] **PROCEDE ET SYSTEME D'ACCES A DISTANCE ET AGENT INTELLIGENT CORRESPONDANT**

[72] ARNISON, SIMON G., CA

[73] VOICE ON THE GO INC., CA

[85] 2006-11-15

[86] 2005-05-20 (PCT/CA2005/000776)

[87] (WO2005/114904)

[30] US (60/573,022) 2004-05-21

[11] **2,567,109**
[13] C

[51] **Int.Cl. C12N 15/81 (2006.01) C07K 1/00 (2006.01) C12N 1/18 (2006.01) C12P 7/08 (2006.01)**

[25] EN

[54] **ETHANOL PRODUCTIVITIES OF SACCHAROMYCES CEREVISIAE STRAINS IN FERMENTATION OF DILUTE-ACID HYDROLYZATES DEPEND ON THEIR FURAN REDUCTION CAPACITIES**

[54] **LA PRODUCTION D'ETHANOL PAR DES SOUCHES DE SACCHAROMYCES CEREVISIAE EN FERMENTATION D'HYDROLYSATS ACIDES DILUES DEPEND DE LEUR CAPACITE A REDUIRE LE FURANE**

[72] PETERSSON, ANNELI, SE

[72] LIDEN, GUNNAR, SE

[72] GORWA-GRAUSLUND, MARIE-FRANCOISE, SE

[72] HAHN-HAEGERDAL, BAERBEL, SE

[72] MODIG, CARL TOBIAS, SE

[72] MOREIRA DE ALMEIDA, JOAO RICARDO, SE

[73] SCANDINAVIAN TECHNOLOGY GROUP AB, SE

[85] 2006-11-17

[86] 2005-05-19 (PCT/SE2005/000738)

[87] (WO2005/111214)

[30] SE (0401303-3) 2004-05-19

[11] **2,567,395**
[13] C

[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/00 (2006.01) A61B 5/0488 (2006.01) A61B 5/103 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MONITORING STRAIN AND/OR LOAD APPLIED TO A MAMMAL**

[54] **APPAREIL ET PROCEDE DE SURVEILLANCE DES CONTRAINTES ET/OU CHARGES APPLIQUEES A UN MAMMIFERE**

[72] RONCHI, ANDREW J., AU

[72] RONCHI, DANIEL M., AU

[73] RONCHI, ANDREW J., AU

[73] RONCHI, DANIEL M., AU

[85] 2006-11-21

[86] 2005-05-25 (PCT/AU2005/000743)

[87] (WO2005/115228)

[30] AU (2004902785) 2004-05-25

[11] **2,568,182**
[13] C

[51] **Int.Cl. C08L 83/08 (2006.01) C08J 3/20 (2006.01) C08K 5/09 (2006.01) C09D 7/12 (2006.01) C09D 183/08 (2006.01)**

[25] EN

[54] **DETERGENT RESISTANT CAR POLISH**

[54] **PRODUIT A LUSTER LA CARROSSERIE AUTOMOBILE RESISTANT AUX DETERGENTS**

[72] MIRRALES, ALTONY, US

[72] HOYT, JERRY, US

[72] RYTHER, ROB, US

[73] ACUITY HOLDINGS, INC., CA

[86] (2568182)

[87] (2568182)

[22] 2006-11-15

[30] US (11/287,796) 2005-11-28

[11] **2,568,781**
[13] C

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 15/867 (2006.01)**

[25] EN

[54] **INTRATHYMIC ADMINISTRATION OF VIRAL VECTORS FOR THE INDUCTION OF IMMUNE TOLERANCE, THE PREVENTION OR TREATMENT OF IMMUNODEFICIENCIES OR AUTOIMMUNE DISEASES**

[54] **MEDICAMENTS SERVANT A PREVENIR OU A TRAITER DES IMMUNODEFICIENCES, DES MALADIES AUTO-IMMUNES OU A INDUIRE UNE TOLERANCE IMMUNE**

[72] TAYLOR, NAOMI, FR

[72] KLATZMANN, DAVID, FR

[72] MONGELLAZ, CEDRIC, FR

[72] ADJALI, OUMEYA, FR

[72] JACQUET, CHANTAL, FR

[72] STEINBERG, MARCOS, US

[72] MARODON, GILLES, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[73] UNIVERSITE PIERRE ET MARIE CURIE, FR

[73] UNIVERSITE MONTPELLIER II, FR

[85] 2006-11-30

[86] 2005-06-03 (PCT/EP2005/005992)

[87] (WO2005/117989)

[30] US (60/576,613) 2004-06-04

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[11] **2,569,209**
[13] C

[51] **Int.Cl. G01C 22/00 (2006.01) G01S 13/00 (2006.01) G05D 1/00 (2006.01) G06K 9/00 (2006.01) H04N 7/18 (2006.01) H04N 17/00 (2006.01)**

[25] EN

[54] **IMAGE-AUGMENTED INERTIAL NAVIGATION SYSTEM (IAINS) AND METHOD**

[54] **SYSTEME ET METHODE DE NAVIGATION INERTIELLE AUGMENTEE D'IMAGES (IMAGE-AUGMENTED INERTIAL NAVIGATION SYSTEM, IAINS)**

[72] VOS, DAVID WILLIAM, US

[72] MOTAZED, BENHAM, US

[72] GALLET, BART MARCEL ODIEL, US

[72] GAVRILETS, VLADISLAV, US

[73] ROCKWELL COLLINS CONTROL TECHNOLOGIES, INC., US

[85] 2006-11-29

[86] 2005-06-02 (PCT/US2005/019411)

[87] (WO2005/119178)

[30] US (60/576,037) 2004-06-02

[11] **2,569,798**
[13] C

[51] **Int.Cl. G01B 11/25 (2006.01)**

[25] EN

[54] **FULL-FIELD THREE-DIMENSIONAL MEASUREMENT METHOD**

[54] **METHODE DE MESURE TRIDIMENSIONNELLE PLEIN CHAMP**

[72] ENGLISH, CHAD, CA

[72] JIA, PEIRONG, CA

[72] KOFMAN, JONATHAN DAVID, CA

[73] THE UNIVERSITY OF WATERLOO, CA

[86] (2569798)

[87] (2569798)

[22] 2006-12-01

[30] CA (2,528,791) 2005-12-01

[11] **2,570,812**
[13] C

[51] **Int.Cl. C12N 15/29 (2006.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **BRASSICA INDEHISCENT1 SEQUENCES**

[54] **SEQUENCES DE BRASSICA INDEHISCENT1**

[72] YANOFSKY, MARTIN F., US

[72] KEMPIN, SHERRY, US

[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2006-12-13

[86] 2005-06-09 (PCT/US2005/020705)

[87] (WO2006/009649)

[30] US (60/608,967) 2004-06-18

[11] **2,571,153**
[13] C

[51] **Int.Cl. B60R 21/06 (2006.01) B60R 5/04 (2006.01)**

[25] EN

[54] **VEHICLE PARTITION COMPATIBLE WITH SIDE AIR BAGS**

[54] **CLOISON DE SEPARATION DE VEHICULE COMPATIBLE AVEC DES SACS GONFLABLES LATERAUX**

[72] SETINA, TERRY L., US

[73] SETINA, TERRY L., US

[86] (2571153)

[87] (2571153)

[22] 2006-12-14

[30] US (60/750,710) 2005-12-14

[11] **2,571,451**
[13] C

[51] **Int.Cl. B01J 23/00 (2006.01) C10G 45/04 (2006.01)**

[25] EN

[54] **SELECTIVE NAPHTHA DESULFURIZATION PROCESS AND CATALYST**

[54] **PROCEDE ET CATALYSEUR DE DESULFURATION SELECTIVE DE NAPHTHE**

[72] BAUER, LORENZ J., US

[72] ABDO, SUHEIL F., US

[72] JONES, LAURA E., US

[72] KOKAYEFF, PETER, US

[73] UOP LLC, US

[85] 2006-12-19

[86] 2005-06-16 (PCT/US2005/021295)

[87] (WO2006/009773)

[30] US (10/875,117) 2004-06-23

[11] **2,575,043**
[13] C

[51] **Int.Cl. A61H 23/04 (2006.01)**

[25] EN

[54] **COMPRESSION DEVICE**

[54] **DISPOSITIF DE COMPRESSION**

[72] WEBSTER, NATHAN, GB

[72] SOMERVILLE, ANNE, GB

[73] HUNTLEIGH TECHNOLOGY LIMITED, GB

[85] 2007-01-24

[86] 2005-08-04 (PCT/GB2005/003063)

[87] (WO2006/013375)

[30] GB (0417335.7) 2004-08-04

[11] **2,576,079**
[13] C

[51] **Int.Cl. A47C 7/46 (2006.01)**

[25] EN

[54] **ADJUSTABLE LUMBAR SUPPORT FOR A CHAIR BACK**

[54] **SOUTIEN LOMBAIRE REGLABLE POUR DOSSIER DE FAUTEUIL**

[72] HARLEY, ALEXANDER PETRIE, CA

[73] ALLSEATING CORPORATION, CA

[86] (2576079)

[87] (2576079)

[22] 2007-01-29

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[11] **2,576,115**
[13] C

[51] **Int.Cl. F23G 5/46 (2006.01) C10L 9/08 (2006.01) F23G 5/04 (2006.01) F23K 1/00 (2006.01)**

[25] EN

[54] **ENERGY MANAGEMENT IN A POWER GENERATION PLANT**

[54] **GESTION D'ENERGIE DANS UNE INSTALLATION DE PRODUCTION D'ENERGIE**

[72] LIVNEH, BEN ZION, ZA

[72] BARNEA, ELI, IL

[72] YANIV, ISAAC, IL

[73] MICROCOAL INC., US

[85] 2007-02-05

[86] 2004-11-24 (PCT/IL2004/001077)

[87] (WO2006/013551)

[30] ZA (2004/6277) 2004-08-05

[11] **2,576,295**
[13] C

[51] **Int.Cl. C12Q 1/70 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **MICROARRAY-MEDIATED DIAGNOSIS OF HERPES VIRUS INFECTION BY MONITORING HOST'S DIFFERENTIAL GENE EXPRESSION UPON INJECTION**

[54] **DIAGNOSTIC ASSISTE PAR MICRO-PUCE DE L'INFECTION PAR LE VIRUS DE L'HERPES PAR MONITORING DE L'EXPRESSION DU GENE DIFFERENTIEL DE L'HOTE LORS DE L'INJECTION**

[72] BRANDON, RICHARD BRUCE, AU

[72] THOMAS, MERVYN REES, AU

[73] ATHLOMICS PTY LTD, AU

[85] 2007-02-13

[86] 2005-08-15 (PCT/AU2005/001222)

[87] (WO2006/015452)

[30] AU (2004904578) 2004-08-13

[30] US (60/608,141) 2004-09-09

[11] **2,577,558**
[13] C

[51] **Int.Cl. C04B 28/00 (2006.01) C04B 24/24 (2006.01) C04B 28/04 (2006.01) C04B 28/08 (2006.01) C04B 28/14 (2006.01)**

[25] EN

[54] **ULTRAFINE PARTICLE GROUTING COMPOSITION**

[54] **COMPOSITION DE COULIS COMPORTANT DES PARTICULES ULTRAFINES**

[72] KANAZAWA, TOMOHIRO, JP

[72] KAWAKAMI, HIROKATSU, JP

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

[73] NIPPON STEEL AND SUMIKIN CEMENT CO., LTD., JP

[86] (2577558)

[87] (2577558)

[22] 2007-02-06

[30] JP (2006-030177) 2006-02-07

[30] JP (2006-030178) 2006-02-07

[11] **2,577,965**
[13] C

[51] **Int.Cl. A61H 23/02 (2006.01) A61H 1/00 (2006.01)**

[25] EN

[54] **ELECTROMECHANICAL ADJUSTING INSTRUMENT**

[54] **INSTRUMENT DE REGLAGE ELECTROMECHANIQUE AMELIORE**

[72] COLLOCA, CHRISTOPHER J., US

[72] KELLER, TONY J., US

[73] NEUROMECHANICAL INNOVATIONS, LLC, US

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[86] 2005-08-26 (PCT/US2005/030408)

[87] (WO2006/026431)

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[30] US (60/604,787) 2004-08-26

[30] US (11/162,067) 2005-08-26

[11] **2,578,013**
[13] C

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[54] **DUST BOOT**

[54] **SOUFFLET PARE-POUSSIERE**

[72] IMAEDA, HISATO, JP

[72] FUKUSHIMA, MASARU, JP

[72] HAYASHI, KAZUHIKO, JP

[73] KAYABA INDUSTRY CO., LTD., JP

[73] BRIDGESTONE CORPORATION, JP

[86] (2578013)

[87] (2578013)

[22] 2007-02-12

[30] JP (2006-35170) 2006-02-13

[11] **2,578,576**
[13] C

[51] **Int.Cl. C22C 33/00 (2006.01) C21B 3/00 (2006.01) C21B 11/00 (2006.01) C21B 13/00 (2006.01) C22C 1/00 (2006.01) C22C 5/00 (2006.01) C22C 7/00 (2006.01) C22C 35/00 (2006.01) C22C 37/00 (2006.01) C22C 38/00 (2006.01)**

[25] EN

[54] **PRODUCTION OF FERRO-ALLOYS**

[54] **PRODUCTION DE FERRO-ALLIAGES**

[72] SAHAJWALLA, VEENA, AU

[73] NEWSOUTH INNOVATIONS PTY LIMITED, AU

[85] 2007-03-02

[86] 2005-05-20 (PCT/AU2005/000720)

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[30] AU (2004905074) 2004-09-03

[30] AU (2004906453) 2004-11-10

[11] **2,579,051**
[13] C

[51] **Int.Cl. G06F 15/02 (2006.01) G06F 3/00 (2006.01) G06F 17/27 (2006.01)**

[25] EN

[54] **HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION**

[54] **DISPOSITIF ELECTRONIQUE A MAIN A DESAMBIGUISATION DE TEXTE**

[72] FUX, VADIM, CA

[72] ELIZAROV, MICHAEL G., CA

[72] KOLOMIETS, SERGEY V., CA

[73] BLACKBERRY LIMITED, CA

[85] 2007-02-27

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[25] EN

[54] **IMPROVED CONTAINERS FOR PHARMACEUTICALS, PARTICULARLY FOR USE IN RADIOISOTOPE GENERATORS**

[54] **RECIPIENTS AMELIORES POUR PRODUITS PHARMACEUTIQUES, UTILISES EN PARTICULIER DANS DES GENERATEURS DE RADIOISOTOPES**

[72] BALESTRACCI, ERNEST, US
[72] MELCHORE, JAMES A., JR., US
[72] MONTEFERRANTE, JO ANNA, US
[72] KUCHAREWICZ ROPIAK, IRENE, US

[72] SCHRAMM, ERNST, US
[72] ZODDA, JULIUS P., US
[73] BRACCO DIAGNOSTICS INC., US
[85] 2007-02-28
[86] 2005-08-30 (PCT/US2005/030796)
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[30] US (60/605,481) 2004-08-30

[11] **2,579,554**
[13] C

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[25] EN

[54] **AN ADHESIVE BANDAGE AND A PROCESS FOR MANUFACTURING AN ADHESIVE BANDAGE**

[54] **PANSEMENT ADHESIF ET PROCESSUS DE FABRICATION**

[72] DA SILVA MACEDO, CARLOS, JR., BR
[73] JOHNSON & JOHNSON INDUSTRIAL LTDA., BR
[86] (2579554)
[87] (2579554)
[22] 2007-02-26
[30] BR (PI0604384-4) 2006-10-16

[11] **2,580,763**
[13] C

[51] **Int.Cl. G10L 19/00 (2013.01)**

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[54] **FREQUENCY COMPENSATION FOR PERCEPTUAL SPEECH ANALYSIS**

[54] **COMPENSATION DE FREQUENCES POUR ANALYSE DE PAROLE PERCEPTIVE**

[72] BEERENDS, JOHN GERARD, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL

[85] 2007-03-19
[86] 2005-09-20 (PCT/NL2005/000683)
[87] (WO2006/033570)
[30] EP (04077601.5) 2004-09-20

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[13] C

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[25] EN

[54] **SOLAR CELL ASSEMBLY AND PROCESS FOR CONNECTING A STRING OF SOLAR CELLS**

[54] **ENSEMBLE CELLULE SOLAIRE ET PROCEDE POUR LA CONNEXION D'UNE CHAINE DE CELLULES SOLAIRES**

[72] HILGARTH, JUST, DE
[72] POECK, DIETER, DE
[72] UEBELE, PAUL, DE
[73] AZUR SPACE SOLAR POWER GMBH, DD

[85] 2007-03-23
[86] 2005-09-07 (PCT/EP2005/009600)
[87] (WO2006/027225)
[30] DE (10 2004 044 061.1) 2004-09-11

[11] **2,581,677**
[13] C

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[25] EN

[54] **OCCLUDER DEVICE DOUBLE SECUREMENT SYSTEM FOR DELIVERY/RECOVERY OF SUCH OCCLUDER DEVICE**

[54] **DOUBLE SYSTEME DE FIXATION D'UN DISPOSITIF D'OCCLUSION POUR L'ADMINISTRATION/RECUPERATION DE CE DISPOSITIF D'OCCLUSION**

[72] CALLAGHAN, DAVID J., US
[72] MCLELLAN, NOEL, US
[73] W.L. GORE AND ASSOCIATES, INC., US

[85] 2007-03-26
[86] 2005-09-26 (PCT/US2005/034276)
[87] (WO2006/036837)
[30] US (60/612,857) 2004-09-24
[30] US (60/663,289) 2005-03-18
[30] US (60/662,990) 2005-03-18
[30] US (60/692,781) 2005-06-22

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[13] C

[51] **Int.Cl. B60R 19/52 (2006.01)**

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[54] **BREAK AWAY GRILLE**

[54] **CALANDRE DETACHABLE**

[72] WOODS, SCOTT L., US
[72] MAGYAROSI, ROBERT P., US
[73] MAGNA INTERNATIONAL INC., CA

[86] (2581762)
[87] (2581762)
[22] 2007-03-09
[30] US (11/373,472) 2006-03-10

[11] **2,582,355**
[13] C

[51] **Int.Cl. F16L 9/14 (2006.01) B32B 1/08 (2006.01) B32B 27/28 (2006.01) E21B 17/20 (2006.01) F16L 9/147 (2006.01) F16L 11/20 (2006.01)**

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[54] **REINFORCING MATRIX FOR SPOOLABLE PIPE**

[54] **MATRICE DE RENFORCEMENT POUR TUYAU POUVANT ETRE BOBINE**

[72] WIDEMAN, THOMAS W., US
[72] QUIGLEY, PETER A., US
[73] FIBERSPAR CORPORATION, US

[86] (2582355)
[87] (2582355)
[22] 2007-03-21
[30] US (60/784,258) 2006-03-21

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[13] C

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[54] **IMPROVED COMBUSTOR**
[54] **CHAMBRE DE COMBUSTION AMELIOREE**
[72] ALKABIE, HISHAM, CA
[72] MCCALDON, KIAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2582796)
[87] (2582796)
[22] 2007-03-26
[30] US (11/393,756) 2006-03-31

[11] **2,582,954**
[13] C

[51] **Int.Cl. C07D 401/14 (2006.01)**
[25] EN
[54] **SALT AND CRYSTALLINE FORMS THEREOF OF 1-(6-AMINO-3,5-DIFLUOROPYRIDIN-2-YL)-8-CHLORO-6-FLUORO-1,4-DIHYDRO-7-(3-HYDROXYAZETIDIN-1-YL)-4-OXO-3-QUINOLINECARBOXYLIC ACID**
[54] **SELS ET FORMES CRISTALLINES DE L'ACIDE 1-(6-AMINO-3,5-DIFLUOROPYRIDIN-2-YL)-8-CHLORO-6-FLUORO-1,4-DIHYDRO-7-(3-HYDROXYAZETIDIN-1-YL)-4-OXO-3-QUINOLEINE CARBOLYXIQUE**
[72] ZHANG, GEOFF G., US
[72] BRADLEY, MICHAEL F., US
[72] BARNES, DAVID M., US
[72] HENRY, RODGER, US
[73] ABBVIE INC., US
[85] 2007-03-30
[86] 2005-10-09 (PCT/US2005/036024)
[87] (WO2006/042034)
[30] US (60/617,334) 2004-10-08

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[13] C

[51] **Int.Cl. E21B 43/119 (2006.01) E21B 43/116 (2006.01)**
[25] EN
[54] **SAFETY APPARATUS FOR PERFORATING SYSTEM**
[54] **APPAREILLAGE DE SECURITE POUR SYSTEME DE PERFORATION**
[72] GRIGAR, LARRY, US
[72] HROMAS, JOE C., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2583849)
[87] (2583849)
[22] 2007-04-03
[30] US (11/308,876) 2006-05-18

[11] **2,584,521**
[13] C

[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **DATA COLLECTION DEVICE, SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR COLLECTING DATA RELATED TO THE DISPENSING OF CONTRAST MEDIA**
[54] **PROCEDE, SYSTEME, DISPOSITIF DE COLLECTE DE DONNEES ET PRODUIT PROGRAMME INFORMATIQUE DE COLLECTE DE DONNEES RELATIFS A LA DISTRIBUTION DE PRODUITS DE CONTRASTE**
[72] WILLIAMS, ROBERT C., JR., US
[72] HARTMAN, STEVEN, US
[72] TENGCO, TITO, US
[72] GODFREY, CLARK, US
[72] CROSS-HANSEN, ALAN, US
[73] ACIST MEDICAL SYSTEMS, INC., US
[85] 2007-04-17
[86] 2005-10-27 (PCT/US2005/038741)
[87] (WO2006/047674)
[30] US (60/622,477) 2004-10-27

[11] **2,584,832**
[13] C

[51] **Int.Cl. G01M 11/00 (2006.01) G02B 7/00 (2006.01) G02B 27/32 (2006.01) G01B 7/28 (2006.01)**
[25] EN
[54] **OPTICAL DEVICE CHARACTERIZATION**
[54] **CHARACTERISATION DE DISPOSITIF OPTIQUE**
[72] SABETA, ANTON, CA
[73] SABETA, ANTON, CA
[86] (2584832)
[87] (2584832)
[22] 2007-04-03
[30] US (11/562,981) 2006-11-22

[11] **2,585,139**
[13] C

[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/24 (2006.01) A61M 5/31 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR LYOPHILIZING, RECONSTITUTING, AND ADMINISTERING A RECONSTITUTED AGENT**
[54] **PROCEDES ET DISPOSITIFS DE LYOPHILISATION, DE RECONSTITUTION ET D'ADMINISTRATION D'UN PRINCIPE ACTIF RECONSTITUANT**
[72] PICKHARD, EWALD, AT
[73] PHARMA CONSULT GES.M.B.H. & CO NFG KG, AT
[85] 2007-04-24
[86] 2005-10-25 (PCT/AT2005/000423)
[87] (WO2006/045132)
[30] AT (A 1804/2004) 2004-10-25

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[13] C

[51] **Int.Cl. H04L 29/02 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND
COMPUTER PROGRAM
PRODUCTS FOR BYPASSING
ROUTING STACKS USING
MOBILE INTERNET PROTOCOL**
[54] **PROCEDE, SYSTEME ET
PROGICIEL INFORMATIQUES
PERMETTANT DE CONTOURNER
DES PILES DE ROUTAGE AU
MOYEN D'UN PROTOCOLE
INTERNET MOBILE**
[72] BRABSON, ROY, US
[73] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 2007-04-27
[86] 2006-01-04 (PCT/EP2006/050044)
[87] (WO2006/074977)
[30] US (11/033,947) 2005-01-12

[11] **2,587,785**
[13] C

[51] **Int.Cl. A41D 1/04 (2006.01)**
[25] EN
[54] **GARMENT BACKPACK**
[54] **SAC A DOS VETEMENT**
[72] HOOD, TONY, US
[72] POGUE, LEE, US
[73] HOOD, TONY, US
[73] POGUE, LEE, US
[85] 2007-05-16
[86] 2005-12-06 (PCT/US2005/043987)
[87] (WO2006/062919)
[30] US (11/005,526) 2004-12-06

[11] **2,588,538**
[13] C

[51] **Int.Cl. C09B 69/10 (2006.01) A61L
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C09B 46/00 (2006.01) C09B 62/008
(2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **COPOLYMERIZABLE AZO
COMPOUNDS AND ARTICLES
CONTAINING THEM**
[54] **COMPOSES AZOIQUES
COPOLYMERISABLES ET
ARTICLES CONTENANT CES
COMPOSES**
[72] PEARSON, JASON CLAY, US
[72] WEAVER, MAX ALLEN, US
[72] FLEISCHER, JEAN CARROLL, US
[73] ABBOTT MEDICAL OPTICS INC.,
US
[85] 2007-05-18
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[87] (WO2006/057840)
[30] US (60/629,557) 2004-11-22

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[13] C

[51] **Int.Cl. B65D 51/04 (2006.01) B65D
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[25] EN
[54] **CAP FOR VESSEL FOR
PERFORMING MULTI-STAGE
PROCESS**
[54] **CAPUCHON POUR RECIPIENT
PERMETTANT DE REALISER
UNE TRANSFORMATION MULTI-
ETAGE**
[72] CHANG, RONALD, US
[73] CEPHEID, US
[85] 2007-05-29
[86] 2005-12-14 (PCT/US2005/046131)
[87] (WO2006/066245)
[30] US (60/636,984) 2004-12-16

[11] **2,589,400**
[13] C

[51] **Int.Cl. A61M 25/082 (2006.01) A61B
1/005 (2006.01) H02K 41/02 (2006.01)
H02P 25/06 (2006.01)**
[25] EN
[54] **MEDICAL INSTRUMENT HAVING A
CATHETER AND HAVING A
CATHETER ACCESSORY DEVICE
AND METHOD FOR USING**
[54] **INSTRUMENT MEDICAL MUNI
D'UN CATHETER ET AYANT UN
ACCESSOIRE DE CATHETER ET
METHODE D'UTILISATION**
[72] LONG, GARY L., US
[73] ETHICON ENDO-SURGERY, INC.,
US
[86] (2589400)
[87] (2589400)
[22] 2007-05-16
[30] US (11/435,551) 2006-05-17

[11] **2,589,487**
[13] C

[51] **Int.Cl. C12N 15/62 (2006.01) C07K
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C07K 19/00 (2006.01) C12N 15/12
(2006.01) C12N 15/13 (2006.01) C12N
15/63 (2006.01) C12N 15/79 (2006.01)
C12P 21/02 (2006.01) C12Q 1/68
(2006.01) G01N 33/53 (2006.01) G01N
33/574 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR
DETECTING METHYLATED DNA**
[54] **MOYENS ET PROCEDES POUR
LA DETECTION D'ADN
METHYLE**
[72] REHLI, MICHAEL, DE
[73] SEQUENOM, INC., US
[85] 2007-05-25
[86] 2005-11-28 (PCT/EP2005/012707)
[87] (WO2006/056480)
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[25] EN

[54] **SYSTEM AND METHOD FOR SERVICE ACTIVATION IN MOBILE NETWORK BILLING**

[54] **SYSTEME ET PROCEDE D'ACTIVATION DE SERVICE DANS LA FACTURATION D'UN RESEAU MOBILE**

[72] LAZARIDIS, MIHAL, CA

[73] RESEARCH IN MOTION LIMITED, CA

[85] 2007-05-25

[86] 2005-11-29 (PCT/CA2005/001805)

[87] (WO2006/056075)

[30] US (60/631,195) 2004-11-29

[11] **2,590,073**
[13] C

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

[25] EN

[54] **ELECTRICAL BOX ASSEMBLY**

[54] **BOITE ELECTRIQUE**

[72] MAGISANO, FRANCESCO, CA

[72] DI SERIO, ROCCO, CA

[73] HUBBELL INCORPORATED, US

[86] (2590073)

[87] (2590073)

[22] 2007-05-25

[30] US (11/524,523) 2006-09-21

[11] **2,590,268**
[13] C

[51] **Int.Cl. H04B 7/26 (2006.01) H04W 4/12 (2009.01) H04W 88/16 (2009.01) H04W 92/02 (2009.01) H04L 12/715 (2013.01) H04B 7/19 (2006.01) H04B 7/195 (2006.01) H04B 7/204 (2006.01) H04B 7/216 (2006.01) H04L 12/66 (2006.01)**

[25] EN

[54] **SATELLITE COMMUNICATION SYSTEM FOR COMMUNICATING PACKET DATA MESSAGES**

[54] **SYSTEME DE COMMUNICATIONS PAR SATELLITE PERMETTANT DE TRANSMETTRE DES MESSAGES DE DONNEES PAR PAQUETS**

[72] MONTE, PAUL A., US

[72] GALLAGHER, VIJAYA, US

[73] GLOBALSTAR, INC., US

[86] (2590268)

[87] (2590268)

[22] 2007-05-29

[30] US (11/447,251) 2006-06-05

[11] **2,591,163**
[13] C

[51] **Int.Cl. A41D 13/00 (2006.01) A41D 1/04 (2006.01) A41D 27/00 (2006.01) F41H 1/00 (2006.01)**

[25] FR

[54] **MODULAR CLOTHING**

[54] **VETEMENT MODULAIRE**

[72] RENE, FREDERIC, FR

[72] BRUCKER, XAVIER, FR

[73] SAGEM DEFENSE SECURITE, FR

[86] (2591163)

[87] (2591163)

[22] 2007-06-06

[30] FR (06 05018) 2006-06-06

[11] **2,591,186**
[13] C

[51] **Int.Cl. F04B 53/02 (2006.01) F16J 15/56 (2006.01)**

[25] EN

[54] **ADDITIVE PUMP**

[54] **POMPE A MOUVEMENT ADDITIF**

[72] MORRISON, JAMES, CA

[73] MCI SOLAR MFG. LTD., CA

[86] (2591186)

[87] (2591186)

[22] 2007-06-11

[30] US (60/812,111) 2006-06-09

[11] **2,591,691**
[13] C

[51] **Int.Cl. E21B 47/02 (2006.01)**

[25] EN

[54] **CENTRALIZER-BASED SURVEY AND NAVIGATION DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE DE SONDAGE ET DE NAVIGATION BASE SUR UN CENTREUR**

[72] DOLGIN, BENJAMIN, US

[72] SULIGA, WILLIAM, US

[72] GOLDSTEIN, BRETT, US

[72] VICKERMAN, DAVID, US

[72] HILL, JOHN L., III, US

[72] SHENHAR, JORAM, US

[72] GRINDSTAFF, KEITH, US

[72] COTTEN, STEVEN A., US

[73] RAYTHEON UTD, INCORPORATED, US

[85] 2007-06-14

[86] 2005-12-14 (PCT/US2005/045276)

[87] (WO2006/065923)

[30] US (60/635,477) 2004-12-14

[11] **2,592,249**
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 51/00 (2006.01) A61P 35/04 (2006.01) C07K 16/40 (2006.01) C12N 5/12 (2006.01) C12N 9/64 (2006.01) C12N 15/63 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **BINDING PROTEINS SPECIFIC FOR HUMAN MATRIPTASE**

[54] **PROTEINES DE LIAISON SPECIFIQUES DE LA MATRIPTASE HUMAINE**

[72] FOLTZ, IAN, CA

[72] KING, CHADWICK T., CA

[72] LING, PETER KOON BONG, CA

[72] KANG, JASPAL SINGH, CA

[72] MANCHULENKO, KATHY, CA

[72] CHEN, FRANCINE, US

[72] MADISON, EDWIN, US

[72] GODFREY, WAYNE R., US

[72] MORKOWSKI, STANISLAW K., US

[72] RICHARDSON, JENNIFER H., US

[72] SCATENA, CAROLINE DARNE, US

[72] KEYT, BRUCE A., US

[73] AMGEN FREMONT INC., US

[73] DENDREON CORPORATION, US

[85] 2007-06-20

[86] 2005-12-16 (PCT/US2005/045755)

[87] (WO2006/068975)

[30] US (60/637,859) 2004-12-20

[30] US (60/706,467) 2005-08-08

[11] **2,592,702**
[13] C

[51] **Int.Cl. G06F 15/177 (2006.01)**

[25] EN

[54] **USE OF CONFIGURATIONS IN DEVICE WITH MULTIPLE CONFIGURATIONS**

[54] **UTILISATION DE CONFIGURATIONS DANS UN DISPOSITIF A CONFIGURATIONS MULTIPLES**

[72] PULKKINEN, MARKKU, FI

[72] LINDROOS, MARTTI, FI

[73] NOKIA CORPORATION, FI

[85] 2007-06-29

[86] 2004-12-30 (PCT/FI2004/000810)

[87] (WO2006/070045)

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[11] **2,593,528**
[13] C

[51] **Int.Cl. H01F 27/14 (2006.01) B01D 53/04 (2006.01) B01D 53/26 (2006.01) G01N 27/22 (2006.01)**

[25] EN

[54] **AUTOMATIC DEHYDRATING BREATHING APPARATUS AND METHOD**

[54] **APPAREIL RESPIRATOIRE DESHYDRATANT AUTOMATIQUE ET METHODE**

[72] GOLNER, THOMAS M., US

[72] MEHTA, SHIRISH P., US

[73] WAUKESHA ELECTRIC SYSTEMS, INC., US

[85] 2007-06-26

[86] 2005-12-23 (PCT/US2005/046975)

[87] (WO2006/069360)

[30] US (11/019,272) 2004-12-23

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[72] CARR, MARIA GRAZIA, GB

[72] GILL, ADRIAN LIAM, GB

[72] HOWARD, STEVEN, GB

[72] NAVARRO, EVA FIGUEROA, GB

[72] TREWARTHA, GARY, GB

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[72] WYATT, PAUL GRAHAM, GB

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[72] SCHWEIKERT, TIMOTHY M., US

[73] MEDICAL COMPONENTS, INC., US

[73] TWINCATH, LLC, US

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[54] **PROCEDE POUR CONFERER UNE RESISTANCE A LA DEGRADATION A HAUTE TEMPERATURE A DES COMPOSANTS DE MOTEURS A COMBUSTION INTERNE**

[72] BELHADJHAMIDA, ABDELHAKIM, CA

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[73] LUBRIZOL ADVANCED MATERIALS, INC., US

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[72] ALEKSANDERSEN, JOSTEIN, NO

[72] SYSE, HARALD, NO

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[72] FORSTEIN, MICAH A., US

[73] ZIMMER TECHNOLOGY, INC., US

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[54] **GRANULATION PAR FUSION D'UNE COMPOSITION CONTENANT UN COMPOSE A BASE DE CALCIUM**
[72] BERTELSEN, POUL EGON, DK
[72] OLSEN, PEDER MOHR, DK
[72] NIELSEN, CARSTEN MARTINI, DK
[72] TOLLESHAUG, MAGNUS WILHELM, DK
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[54] **MISE AU POINT DE LA REACTION EN CHAINE DE LA POLYMERASE EN TEMPS REEL POUR LA DETECTION D'ADN PNEUMOCOCCIQUE ET DIAGNOSTIC DE MALADIE PNEUMOCOCCIQUE**
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[54] **METHODE D'AMELIORATION DE LA QUALITE DES LEGUMES A FEUILLES VERTES COMPRENANT L'APPLICATION DES FONGICIDES A BASE DE STROBILURINE**
[72] PAYNE, DAVID ALAN, GB
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[72] MCKENZIE, BRUCE, GB
[73] SYNGENTA PARTICIPATIONS AG, CH
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[54] **PROCEDE ET COMPOSITION POUR EVALUER L'ACTIVITE DE L'ISOENZYME 2D6 DU CYTOCHROME P456 AU MOYEN D'UN TEST RESPIRATOIRE**

[72] MODAK, ANIL S., US

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[54] **LIANT BITUMINEUX MODIFIE UTILISANT DES ROGNURES DE GOMME, ET PROCEDES DE FABRICATION D'UN LIANT BITUMINEUX MODIFIE**

[72] MARTIN, JEAN-VALERY, US

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[72] FREIDMAN, DORON, IL

[72] BESONOV, ALEX, IL

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[72] FEDOTENKO, DENIS, CA

[72] REIF, ALEXANDER J., CA

[72] OERTON, KEVIN, CA

[72] KLASSEN, GERHARD, CA

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[72] BOGGS, JOSEPH W., II, US
[72] GRILL, JULIE, US
[72] MRVA, JOSEPH J., US
[72] STROTHER, ROBERT B., US
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[54] **METHODE ET COMPOSITION DE TRAITEMENT DE TROUBLES INFLAMMATOIRES**
[72] PERESWETOFF-MORATH, LENA, SE
[72] CARLSSON, ANDERS, SE
[73] MEDA AB, SE
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[72] GREEN, MARTIN, GB
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[54] **DISPOSITIF ET PROCEDE POUR LA MESURE DE PARAMETRE DE FLUX MULTIPHASE**
[72] GYSLING, DANIEL L., US
[73] EXPRO METERS, INC., US
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[54] **ARTICLES COMPRENANT DES STRUCTURES COMPOSITES POURVUES DE BRIDES DE FIXATION**
[72] XIE, MING, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] MEKADA, EISUKE, JP
[72] MIYAMOTO, SHINGO, JP
[73] THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY, JP
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[72] HARVEY, MICHAEL, AU
[73] BRISMAT INC., US
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[73] PIERRE FABRE MEDICAMENT S.A., FR
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[54] **TECHNIQUES DE DETECTION D'ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE DANS DES SYSTEMES DE SURVEILLANCE D'ARTICLES ELECTRONIQUES UTILISANT LE MELANGE DE FREQUENCES**
[72] SHAFER, GARY MARK, US
[72] LIAN, MING-REN, US
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[73] TYCO FIRE & SECURITY GMBH, CH
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[54] **METHODE DE SEPARATION ET DE COLLECTE D'UN DERIVE DE LIGNINE**
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[73] GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO. KG, DE
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[51] **Int.Cl. A61B 5/055 (2006.01) G01R 33/387 (2006.01) G01R 33/3875 (2006.01) G01T 1/164 (2006.01)**
[25] EN
[54] **CONTROL OF MAGNETIC FIELD HOMOGENEITY IN MOVABLE MRI SCANNING SYSTEM**
[54] **COMMANDE D'HOMOGENEITE DE CHAMP MAGNETIQUE DANS UN SYSTEME DE BALAYAGE D'IRM MOBILE**
[72] SAUNDERS, JOHN K., CA
[72] WARD, LINDLEY, CA
[72] SCARTH, GORDON, CA
[73] IMRIS INC., CA
[86] (2615652)
[87] (2615652)
[22] 2007-12-18
[30] US (11/936,881) 2007-11-08

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[11] **2,617,026**
[13] C

[51] **Int.Cl. B60N 2/44 (2006.01) B60N 2/56 (2006.01) B60N 2/64 (2006.01)**

[25] EN

[54] **VEHICLE SEATING SYSTEM AND METHOD FOR REDUCING FATIGUE**

[54] **SYSTEME POUR SIEGE DE VEHICULE ET PROCEDE DE REDUCTION DE LA FATIGUE**

[72] PHIPPS, PAUL, US

[73] INNOVATIVE BIOMECHANICAL SOLUTIONS, LLC D/B/A/ DAVINCI, LLC, US

[86] (2617026)

[87] (2617026)

[22] 2008-01-07

[11] **2,617,202**
[13] C

[51] **Int.Cl. F16K 15/18 (2006.01) B65B 31/04 (2006.01) F04B 9/14 (2006.01) F16K 7/00 (2006.01) F16K 15/14 (2006.01)**

[25] EN

[54] **VACUUM RELEASE MECHANISM**

[54] **MECANISME DE DEGAGEMENT A VIDE**

[72] OPHARDT, HEINER, CA

[72] MIRBACH, ALI, DE

[73] GOTOHTI.COM INC., CA

[86] (2617202)

[87] (2617202)

[22] 2008-01-08

[30] CA (2,591,046) 2007-06-08

[11] **2,618,641**
[13] C

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[25] EN

[54] **CYCLOPROPYL COMPOUNDS AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS**

[54] **COMPOSES CYCLOPROPYLES ET COMPOSITIONS PERMETTANT DE LIBERER DES AGENTS ACTIFS**

[72] TANG, PINGWAH, US

[72] DINH, STEVEN, US

[72] LEE, JONGBIN, US

[72] LIU, PUCHUN, US

[72] MUSTATA, GABRIELA, US

[73] EMISPHERE TECHNOLOGIES, INC., US

[85] 2008-02-08

[86] 2006-08-21 (PCT/US2006/032721)

[87] (WO2007/022532)

[30] US (60/709,487) 2005-08-19

[11] **2,618,828**
[13] C

[51] **Int.Cl. B01D 63/02 (2006.01)**

[25] EN

[54] **HOLLOW FIBRE MEMBRANE SEPARATION DEVICE HAVING PROJECTIONS AND EXTENSIONS THEREBETWEEN**

[54] **DISPOSITIF DE SEPARATION A MEMBRANES A FIBRES CREUSES COMPORTANT DES SAILLIES ET DES PROLONGEMENTS ENTRE CELLES-CI**

[72] WITTHAUS, FRIEDRICH, DE

[72] BREITH, GERHARD, DE

[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE

[85] 2008-02-11

[86] 2006-06-08 (PCT/EP2006/005507)

[87] (WO2007/031121)

[30] DE (10 2005 043 321.9) 2005-09-12

[11] **2,619,041**
[13] C

[51] **Int.Cl. A61M 37/00 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **TRANSCORNEAL SYSTEM FOR DELIVERY OF A PHARMACEUTICAL AGENT**

[54] **SYSTEME TRANSCORNEEN PERMETTANT DE DELIVRER UNE SUBSTANCE ACTIVE MEDICAMENTEUSE**

[72] EGEN, MARC, DE

[72] PICCINI, MARIA, DE

[72] GESER, JOHANNES, DE

[72] FEIERTAG, CHRISTIAN, DE

[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2008-02-14

[86] 2006-08-23 (PCT/EP2006/065585)

[87] (WO2007/023167)

[30] DE (10 2005 040 251.8) 2005-08-24

[11] **2,619,561**
[13] C

[51] **Int.Cl. F02K 1/38 (2006.01)**

[25] FR

[54] **VARIABLE SECTION FLOW MIXER FOR DUAL FLOW TURBOJET FOR SUPERSONIC AIRCRAFT**

[54] **MELANGEUR DE FLUX A SECTION VARIABLE POUR TURBOREACTEUR A DOUBLE FLUX D'AVION SUPERSONIQUE**

[72] DUSSILLOLS, LAURENT CHRISTOPHE, FR

[72] LONGEVILLE, OLIVIER ROLAND, FR

[72] VUILLEMIN, ALEXANDRE ALFRED GASTON, FR

[73] SNECMA, FR

[86] (2619561)

[87] (2619561)

[22] 2008-01-23

[30] FR (0752903) 2007-01-26

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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING DEVICE LOCATION IN AN IP-BASED WIRELESS TELECOMMUNICATIONS NETWORK**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE POSITION D'UN DISPOSITIF DANS UN RESEAU IP DE TELECOMMUNICATION SANS FIL**
[72] ANNAMALAI, MAGESH, US
[72] JIN, ZHENGYI, US
[73] T-MOBILE USA, INC., US
[85] 2008-02-15
[86] 2006-10-20 (PCT/US2006/041226)
[87] (WO2007/048028)
[30] US (60/728,972) 2005-10-21

[11] **2,620,305**
[13] C

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[25] EN
[54] **PIN MOOR**
[54] **DISPOSITIF DE FIXATION D'EPINGLE**
[72] IVISON, LORETTA, US
[73] IVISON, LORETTA, US
[85] 2008-02-25
[86] 2006-09-26 (PCT/US2006/037423)
[87] (WO2007/061502)
[30] US (11/273,239) 2005-11-14

[11] **2,621,137**
[13] C

[51] **Int.Cl. C07D 419/02 (2006.01) A61K 49/00 (2006.01) C09B 23/02 (2006.01) G01N 33/533 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE N,N-DISUBSTITUTED SULFONAMIDE-CONTAINING FLUORESCENT DYE LABELS**
[54] **MARQUEURS COLORANTS FLUORESCENTS CONTENANT DU SULFAMIDE N,N-DISUBSTITUE BIOCOMPATIBLE**
[72] NARAYANAN, NARASIMHACHARI, US
[72] GROVES, KEVIN, US
[72] PETERSON, JEFFREY D., US
[72] RAJOPADHYE, MILIND, US
[73] VISEN MEDICAL, INC., US
[85] 2008-02-29
[86] 2006-09-01 (PCT/US2006/034260)
[87] (WO2007/028037)
[30] US (60/713,632) 2005-09-02

[11] **2,621,273**
[13] C

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[25] EN
[54] **STABLE PHARMACEUTICAL COMPOSITION COMPRISING A PYRIMIDINE-SULFAMIDE**
[54] **COMPOSITION PHARMACEUTIQUE STABLE A PYRIMIDINE-SULFAMIDE**
[72] ADESUYI, CHARLES TOKUNBO, GB
[72] HOLMAN, LOVELACE, CH
[72] LAMBERT, OLIVIER, FR
[72] LITHGOW, BRUCE HAMILTON, GB
[73] ACTELION PHARMACEUTICALS LTD, CH
[85] 2008-03-04
[86] 2006-09-11 (PCT/IB2006/053210)
[87] (WO2007/031933)
[30] EP (PCT/EP2005/009775) 2005-09-12

[11] **2,621,940**
[13] C

[51] **Int.Cl. G10L 19/008 (2013.01) G10L 21/028 (2013.01) H04R 25/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR BINAURAL SIGNAL ENHANCEMENT**
[54] **PROCEDE ET DISPOSITIF D'AMELIORATION D'UN SIGNAL BINAURAL**
[72] DOCLO, SIMON, BE
[72] MOONEN, MARC, BE
[72] DONG, RONG, CA
[72] HAYKIN, SIMON, CA
[73] MCMASTER UNIVERSITY, CA
[73] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2008-03-07
[86] 2006-09-08 (PCT/CA2006/001476)
[87] (WO2007/028250)
[30] US (60/715,134) 2005-09-09

[11] **2,622,549**
[13] C

[51] **Int.Cl. B01D 53/50 (2006.01)**
[25] EN
[54] **SULFUR TRIOXIDE REMOVAL FROM A FLUE GAS STREAM**
[54] **ELIMINATION DE TRIOXYDE DE SOUFRE D'UN FLUX DE GAZ DE COMBUSTION**
[72] MAZIUK, JOHN, US
[72] RAYTHATHA, RASIK, US
[73] SOLVAY CHEMICALS, INC., US
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[87] (WO2007/031552)
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[13] C

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[54] **TITANIUM ALLOY HAVING IMPROVED CORROSION RESISTANCE AND STRENGTH**
[54] **ALLIAGE DE TITANE PRESENTANT UNE MEILLEURE RESISTANCE A LA CORROSION ET UNE MEILLEURE SOLIDITE**
[72] GRAUMAN, JAMES S., US
[72] FOX, STEPHEN P., US
[72] NYAKANA, STACEY L., US
[73] TITANIUM METALS CORPORATION, US
[85] 2008-03-17
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[30] US (60/717,761) 2005-09-19

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[25] EN
[54] **MEDICINE, FOOD AND DRINK OR FEED CONTAINING SPHINGOMYELIN**
[54] **MEDICAMENTS, ALIMENTS ET BOISSONS OU ALIMENTS POUR ANIMAUX CONTENANT DE LA SPHINGOMYELINE**
[72] KATO, KEN, JP
[72] MIURA, SUSUMU, JP
[72] TANAKA, LEO, JP
[72] UENO, HIROSHI, JP
[72] UEDA, NORIKO, JP
[72] HARUTA, YUKO, JP
[72] YOSHIOKA, TOSHIMITSU, JP
[73] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2008-03-20
[86] 2006-09-22 (PCT/JP2006/318888)
[87] (WO2007/034927)
[30] JP (2005-276632) 2005-09-22
[30] JP (2006-068501) 2006-03-14
[30] JP (2006-256536) 2006-09-21

[11] **2,623,338**
[13] C

[51] **Int.Cl. A61F 2/958 (2013.01) A61F 2/91 (2013.01) A61F 2/915 (2013.01)**
[25] EN
[54] **A SECURED STENT DELIVERY SYSTEM**
[54] **SYSTEME DE LIBERATION DE STENT FIXE**
[72] GUNDALE, BENJAMIN, US
[72] BROMAN, DAVID, US
[72] ROWE, TODD, US
[73] BOSTON SCIENTIFIC LIMITED, BB
[85] 2008-03-20
[86] 2006-05-31 (PCT/US2006/020845)
[87] (WO2007/040659)
[30] US (11/234,341) 2005-09-23

[11] **2,623,362**
[13] C

[51] **Int.Cl. A46B 5/00 (2006.01)**
[25] EN
[54] **BRUSH**
[54] **BROSSE**
[72] DIPIETRO, DEAN, US
[72] KATZ, PAUL, US
[72] JERSTROEM, GOERAN, US
[72] LUU, FORREST KEITH, US
[72] JACOBSEN, JOHN THOMAS, US
[73] HELEN OF TROY LIMITED, BB
[85] 2008-03-20
[86] 2006-08-01 (PCT/US2006/029780)
[87] (WO2007/040773)
[30] US (11/232,052) 2005-09-21

[11] **2,624,876**
[13] C

[51] **Int.Cl. H04N 21/2225 (2011.01) H04N 21/482 (2011.01)**
[25] EN
[54] **DVD PLAYBACK OVER MULTI-ROOM BY COPYING TO HDD**
[54] **LECTURE DE DVD DANS UN SYSTEME MULTIZONES PAR COPIE SUR DISQUE DUR**
[72] WALL, WILLIAM E., US
[72] RUSS, SAMUEL H., US
[73] SCIENTIFIC-ATLANTA, INC., US
[85] 2008-04-04
[86] 2006-09-26 (PCT/US2006/037542)
[87] (WO2007/044227)
[30] US (11/163,107) 2005-10-05

[11] **2,625,490**
[13] C

[51] **Int.Cl. G09F 13/20 (2006.01) E04F 13/08 (2006.01) E04F 15/02 (2006.01) G09F 13/22 (2006.01) C09K 11/00 (2006.01)**
[25] EN
[54] **PATHWAY MARKER, ESPECIALLY FIRE ESCAPE MARKER IN A FLOOR OR WALL**
[54] **INDICATEUR DE DIRECTION, SPECIALEMENT INDICATEUR DE SORTIE DE SECOURS SUR LE SOL OU SUR UN MUR**
[72] PARKKARI, JORMA, FI
[73] PARKKARI, JORMA, FI
[85] 2008-04-07
[86] 2006-10-05 (PCT/FI2006/050430)
[87] (WO2007/039673)
[30] FI (20055539) 2005-10-06

[11] **2,625,756**
[13] C

[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/478 (2011.01) H04N 7/025 (2006.01)**
[25] EN
[54] **CLIENT DIGITAL PROGRAM INSERTION IN A CONDITIONAL ACCESS MODULE**
[54] **INSERTION DE PROGRAMME NUMERIQUE CLIENT DANS UN MODULE D'ACCES CONDITIONNEL**
[72] BACON, KINNEY C., US
[73] SCIENTIFIC ATLANTA, INC., US
[85] 2008-04-10
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[30] US (11/163,238) 2005-10-11

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[25] EN
[54] **DEVICE FOR PREPARING HOT WATER AND COFFEE MACHINE PROVIDED WITH SUCH A DEVICE**
[54] **DISPOSITIF POUR LA PREPARATION D'EAU CHAUDE ET MACHINE A CAFE EQUIPEE D'UN TEL DISPOSITIF**
[72] HUIBERTS, JOHANNES
THEODORUS EMERENTIA, NL
[73] BRAVILOR HOLDING B.V., NL
[85] 2008-04-16
[86] 2006-10-17 (PCT/NL2006/050261)
[87] (WO2007/046702)
[30] NL (1030235) 2005-10-20

[11] **2,626,255**
[13] C

[51] **Int.Cl. B25J 13/00 (2006.01) A61B 19/00 (2006.01) B25J 9/02 (2006.01)**
[25] EN
[54] **A TOOL CONSTRAINT MECHANISM**
[54] **MECANISME DE CONTRAINTE D'OUTIL**
[72] RODRIGUEZ Y BAENA, FERDINANDO MARIA, GB
[73] MAKO SURGICAL CORP., US
[85] 2008-04-17
[86] 2006-08-18 (PCT/GB2006/003107)
[87] (WO2007/045810)
[30] GB (0521281.6) 2005-10-19

[11] **2,626,258**
[13] C

[51] **Int.Cl. B65D 33/16 (2006.01)**
[25] EN
[54] **IMPROVED PACKAGE HAVING RECLOSABLE POUR SPOUT**
[54] **CONDITIONNEMENT AMELIORE POURVU D'UN BEC VERSEUR REFERMABLE**
[72] YEAGER, JAMES W., US
[73] INNOFLEX INCORPORATED, US
[85] 2008-04-16
[86] 2006-10-12 (PCT/US2006/039938)
[87] (WO2007/047393)
[30] US (11/252,952) 2005-10-18

[11] **2,626,566**
[13] C

[51] **Int.Cl. B65B 53/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SHRINKING A HEAT SHRINK FILM PLACED AROUND A STACK OF ITEMS**
[54] **PROCEDE ET DISPOSITIF DE RETRECISSEMENT D'UNE FEUILLE THERMORETRACTILE DISPOSEE AUTOUR D'UNE PILE DE MARCHANDISES, EN PARTICULIER EN PALETTES**
[72] REINER, HANNEN, DE
[73] MSK-VERPACKUNGS-SYSTEME GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2008-04-18
[86] 2006-10-23 (PCT/EP2006/010198)
[87] (WO2007/048558)
[30] DE (20 2005 016 725.8) 2005-10-24
[30] DE (20 2005 020 192.8) 2005-12-24

[11] **2,626,732**
[13] C

[51] **Int.Cl. C03C 3/087 (2006.01) C03C 3/04 (2006.01) C03C 13/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING HIGH PERFORMANCE GLASS FIBERS IN A REFRACTORY LINED MELTER AND FIBER FORMED THEREBY**
[54] **PROCEDE DE FABRICATION DE FIBRES DE VERRE A HAUTES PERFORMANCES DANS UN POT DE FUSION A GARNISSAGE REFRACTAIRE ET FIBRE FORMEE PAR CE PROCEDE**
[72] HOFMANN, DOUGLAS A., US
[72] MCGINNIS, PETER B., US
[73] OCV INTELLECTUAL CAPITAL, LLC, US
[85] 2008-04-21
[86] 2006-10-31 (PCT/US2006/042406)
[87] (WO2007/055964)
[30] US (11/267,702) 2005-11-04

[11] **2,627,047**
[13] C

[51] **Int.Cl. C08J 9/14 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING FOAMS USING BLOWING AGENTS COMPRISING UNSATURATED FLUOROCARBONS**
[54] **PROCEDES POUR PRODUIRE DES MOUSSES EN UTILISANT DES AGENTS GONFLANTS QUI COMPRENNENT DES FLUOROCARBURES INSATURES**
[72] CREAZZO, JOSEPH ANTHONY, US
[72] NAPPA, MARIO JOSEPH, US
[72] SIEVERT, ALLEN CAPRON, US
[72] SWEARINGEN, EKATERINA N., US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2008-04-23
[86] 2006-11-01 (PCT/US2006/042635)
[87] (WO2007/053674)
[30] US (60/732,090) 2005-11-01

[11] **2,627,070**
[13] C

[51] **Int.Cl. C22C 21/16 (2006.01) C22F 1/057 (2006.01)**
[25] EN
[54] **AL-CU-MG ALLOY SUITABLE FOR AEROSPACE APPLICATION**
[54] **ALLIAGE AL-CU-MG ADAPTE A UNE APPLICATION AEROSPATIALE**
[72] MORRA, PAOLA VALENTINA ABSALA, NL
[72] CAICEDO, MARTINEZ CARLOS ERNESTO, NL
[72] VAN DE LANGKRUIS, JORGEN, NL
[72] BOEZEWINKEL, JOHAN, NL
[73] ALERIS ALUMINUM KOBLENZ GMBH, DE
[85] 2008-04-23
[86] 2006-10-24 (PCT/EP2006/010216)
[87] (WO2007/048565)
[30] EP (05077448.8) 2005-10-25

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[13] C

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[25] FR

[54] **AMINOACID DERIVATIVES CONTAINING A DISULFANYL GROUP IN THE FORM OF MIXED DISULFANYL AND AMINOPEPTIDASE N INHIBITORS**

[54] **DERIVES D'AMINO-ACIDES CONTENANT UN GROUPEMENT DISULFANYLE COMME INHIBITEURS MIXTES DE LA NEPRILYSINE ET DE L'AMINOPEPTIDASE N**

[72] ROQUES, BERNARD, FR

[72] FOURNIE-ZALUSKI, MARIE-CLAUDE, FR

[73] PHARMALEADS, FR

[85] 2008-04-24

[86] 2006-10-24 (PCT/EP2006/067711)

[87] (WO2007/048787)

[30] FR (05/10862) 2005-10-25

[30] FR (06/04030) 2006-05-05

[11] **2,627,496**
[13] C

[51] **Int.Cl. H01L 51/30 (2006.01) H01L 49/02 (2006.01)**

[25] EN

[54] **DEVICE WITH PHASE-SEPARATED DIELECTRIC STRUCTURE**

[54] **DISPOSITIF AVEC STRUCTURE DIELECTRIQUE A PHASES SEPARÉES**

[72] WU, YILIANG, CA

[72] MAHABADI, HADI K., CA

[72] ONG, BENG S., SG

[72] SMITH, PAUL F., CA

[73] XEROX CORPORATION, US

[86] (2627496)

[87] (2627496)

[22] 2008-03-25

[30] US (11/695,138) 2007-04-02

[11] **2,627,671**
[13] C

[51] **Int.Cl. A47B 21/00 (2006.01) F24F 7/04 (2006.01)**

[25] EN

[54] **A WORKSTATION SYSTEM IN COMMUNICATION WITH AN AIR DUCT**

[54] **UN SYSTÈME DE STATION DE TRAVAIL EN COMMUNICATION AVEC UN CONDUIT D'AIR**

[72] HANNAM, ROBERT, AU

[72] SCRIGGINS, NICKY PAUL, AU

[73] OFI INVESTMENTS PTY LTD., AU

[85] 2008-04-28

[86] 2006-10-26 (PCT/AU2006/001598)

[87] (WO2007/048194)

[30] AU (2005905950) 2005-10-27

[11] **2,628,509**
[13] C

[51] **Int.Cl. B01F 17/18 (2006.01) A01N 25/30 (2006.01) C09K 8/62 (2006.01) C10M 133/00 (2006.01)**

[25] EN

[54] **VISCOELASTIC COMPOSITIONS COMPRISING POLYCATIONIC QUATERNARY AMMONIUM COMPOUNDS**

[54] **COMPOSITIONS VISCOELASTIQUES POLYCATIONIQUES**

[72] KNOX, PAUL W., US

[73] STEPAN COMPANY, US

[85] 2008-05-05

[86] 2006-11-07 (PCT/US2006/043384)

[87] (WO2007/056393)

[30] US (60/734,465) 2005-11-07

[11] **2,628,770**
[13] C

[51] **Int.Cl. D21H 17/03 (2006.01) A01N 25/00 (2006.01) A01P 1/00 (2006.01) A61L 2/16 (2006.01) A01N 33/12 (2006.01)**

[25] EN

[54] **WIPER FOR USE WITH DISINFECTANTS**

[54] **CHIFFON DESTINE A ETRE UTILISE AVEC DES DESINFECTANTS**

[72] CLARK, JAMES WILLIAM, US

[72] HUI, PHILIP SHI HUNG, US

[72] DETAMORE, JAMES J., US

[73] KIMBERLY-CLARK WORLDWIDE, INC., US

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[11] **2,629,315**
[13] C

[51] **Int.Cl. A61L 2/20 (2006.01) C02F 1/00 (2006.01) C02F 3/00 (2006.01) C12N 1/06 (2006.01)**

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[54] **RAPID NON-EQUILIBRIUM DECOMPRESSION OF MICROORGANISM-CONTAINING WASTE STREAMS**

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[13] C

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[25] EN
[54] **PROCESS FOR PREPARATION OF A MULTILAYER COATING SHEET**
[54] **PROCEDE DE PREPARATION DESTINE A UNE FEUILLE DE REVETEMENT MULTICOUCHE**
[72] BOERS, VINCENT MATTHIJS, NL
[72] KIELSTRA, HARMEN JELKE, NL
[72] KRUIHOF, KLAAS JAN HENDRIK, NL
[72] MARINUS, EDWARD, NL
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
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[87] (WO2007/057372)
[30] EP (05110740.7) 2005-11-15
[30] US (60/751,207) 2005-12-19

[11] **2,630,158**
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[25] EN
[54] **FOOTWEAR**
[54] **ARTICLE CHAUSSANT**
[72] KARANDONIS, JOHN FOTIS, AU
[72] KARANDONIS, KAYE EVE, AU
[73] KARANDONIS, JOHN FOTIS, AU
[73] STYLIS, STANLEY CHRIS, AU
[73] STYLIS, DAPHNE ANN, AU
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[11] **2,630,230**
[13] C

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[25] EN
[54] **A METHOD OF DISCOVERING LEAKAGE IN A HEAT EXCHANGER**
[54] **PROCEDE DE DETECTION D'UNE FUITE DANS UN ECHANGEUR DE CHALEUR**
[72] GUSTAFSSON, MATS, SE
[72] LEUFSTEDT, MAX, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2008-05-16
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[30] SE (0502642-2) 2005-12-02

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[13] C

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[25] EN
[54] **TORQUE-ANGLE INSTRUMENT**
[54] **INSTRUMENT D'ANGLE ET COUPLE**
[72] CRASS, MATTHEW M., US
[72] BECKER, THOMAS P., US
[72] MARQUETTE, MATTHEW S., US
[72] HACKL, RICHARD J., US
[72] BEYERL, PAUL J., US
[72] THORELL, MARVIN D., US
[73] SNAP-ON INCORPORATED, US
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[30] US (60/740,085) 2005-11-28
[30] US (11/603,540) 2006-11-22

[11] **2,630,605**
[13] C

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[25] EN
[54] **METHODS AND APPARATUS FOR USE IN COMMUNICATING SHORT MESSAGES OF THE EMERGENCY TYPE FROM MOBILE COMMUNICATION DEVICES**
[54] **PROCEDES ET APPAREIL POUR LA COMMUNICATION DE MESSAGE COURTS POUR CAS D'URGENCE DEPUIS DES DISPOSITIFS DE COMMUNICATION MOBILES**
[72] BUCKLEY, ADRIAN, US
[72] SOKONDAR, ENIKO, GB
[72] HARRIS, IAN, GB
[73] BLACKBERRY LIMITED, CA
[85] 2008-05-22
[86] 2006-11-20 (PCT/CA2006/001886)
[87] (WO2007/059607)
[30] US (11/286,861) 2005-11-23

[11] **2,630,618**
[13] C

[51] **Int.Cl. B65D 33/38 (2006.01) A61J 1/00 (2006.01)**
[25] EN
[54] **HERMETICALLY SEALED LIQUID-CONTAINING BAG WITH WELDED-IN DRINKING OR DISPENSING SPOUT**
[54] **SACHET DE LIQUIDE FERME HERMETIQUEMENT AVEC GOULOT OU BEC DISTRIBUTEUR SOUDE**
[72] SEELHOFER, FRITZ, CH
[73] BELCAP SWITZERLAND AG, CH
[85] 2008-05-22
[86] 2006-11-23 (PCT/CH2006/000657)
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[30] CH (1880/05) 2005-11-25

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[13] C

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[25] EN
[54] **FINE BUBBLE DELIVERY FOR POTABLE WATER, WASTEWATER, AND CLEAN WATER TREATMENT**
[54] **ALIMENTATION EN FINES BULLES POUR EAU POTABLE, EAUX USEES ET TRAITEMENT DE L'EAU SAINE**
[72] HINDE, JOHN N., US
[73] AIR DIFFUSION SYSTEMS, US
[85] 2008-05-29
[86] 2006-11-28 (PCT/US2006/061295)
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[13] C

[51] **Int.Cl. F16L 3/10 (2006.01)**
[25] EN
[54] **CLAMP FOR CIRCULAR OBJECTS**
[54] **FIXATION POUR OBJETS CIRCULAIRES**
[72] MOMINEE, DANIEL S., US
[72] OLLE, RAYMOND M., US
[72] OH, MICHAEL H.-S., US
[72] LAUGHLIN, RAYMOND S., US
[72] WILSON, ERIC J., US
[73] ERICO INTERNATIONAL CORPORATION, US
[85] 2008-06-04
[86] 2006-12-08 (PCT/US2006/046100)
[87] (WO2007/070271)
[30] US (60/749,197) 2005-12-09

[11] **2,632,015**
[13] C

[51] **Int.Cl. F03B 9/00 (2006.01) F03B 13/26 (2006.01)**
[25] EN
[54] **TIDAL STREAM ENERGY CONVERSION SYSTEM**
[54] **SYSTEME DE CONVERSION D'ENERGIE MAREMOTRICE**
[72] DEVANEY, THEO, IE
[73] DEVANEY, THEO, IE
[85] 2008-05-29
[86] 2006-12-08 (PCT/EP2006/011870)
[87] (WO2007/065717)
[30] IE (S2005/0821) 2005-12-08

[11] **2,632,605**
[13] C

[51] **Int.Cl. C08L 69/00 (2006.01)**
[25] EN
[54] **POLYCARBONATE MOLDING COMPOSITIONS WITH AN IMPROVED COMBINATION OF LOW TEMPERATURE DUCTILITY, HIGH MELT FLUIDITY, GOOD STABILITY TO AGEING UNDER DAMP HEAT CONDITIONS, GOOD PROCESSING STABILITY AT HIGH TEMPERATURES AND GOOD RESISTANCE TO STRESS-CRACKING**
[54] **COMPOSITIONS POUR LE MOULAGE DE POLYCARBONATE COMPORTANT UNE COMBINAISON AMELIOREE DE DUCTULITE A BASSE TEMPERATURE, DE FLUIDITE ELEVEE, DE BONNE STABILITE AU VIEILLISSEMENT DANS DES CONDITIONS DE CHALEUR HUMIDE, DE BONNE STABILITE DE TRAITEMENT A HAUTE TEMPERATURE ET DE BONNE RESISTANCE A LA FISSURATION SOUS CONTRAINTE**
[72] ECKEL, THOMAS, DE
[72] SEIDEL, ANDREAS, DE
[72] WITTMANN, DIETER, DE
[73] BAYER MATERIALSCIENCE AG, DE
[85] 2008-06-06
[86] 2006-11-27 (PCT/EP2006/011335)
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[30] DE (10 2005 058 836.0) 2005-12-09

[11] ***2,633,304**
[13] C

[51] **Int.Cl. H04W 8/04 (2009.01)**
[25] EN
[54] **METHOD FOR FASTER MOBILITY HANDOFF OF A MOBILE NODE**
[54] **PROCEDE POUR ACCELERER LE TRANSFERT INTERCELLULAIRE MOBILE D'UN NOEUD MOBILE**
[72] KUMAR, KRISHNA, IN
[72] JAGANA, VENKATA, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2008-06-13
[86] 2006-12-05 (PCT/EP2006/069317)
[87] (WO2007/068626)
[30] US (11/303,230) 2005-12-16

[11] **2,633,676**
[13] C

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[25] EN
[54] **THE USE OF MOFS IN PRESSURE SWING ADSORPTION**
[54] **UTILISATION DES MOF POUR L'ADSORPTION MODULEE PAR LA PRESSION**
[72] DAVIS, MARK MCHALE, US
[72] LOW, JOHN JAMES, US
[73] UOP LLC, US
[85] 2008-06-17
[86] 2006-12-13 (PCT/US2006/062042)
[87] (WO2007/111739)
[30] US (60/752,574) 2005-12-21

[11] **2,633,681**
[13] C

[51] **Int.Cl. A61B 19/00 (2006.01)**
[25] EN
[54] **MEDICAL VIAL ADAPTER WITH REDUCED DIAMETER CANNULA AND ENLARGED VENT LUMEN**
[54] **ADAPTATEUR DE FIOLE MEDICALE A CANULE DE DIAMETRE REDUIT ET LUMIERE D'EVENEMENT AGRANDIE**
[72] WALSH, MARY K., US
[73] CAREFUSION 303, INC., US
[85] 2008-06-17
[86] 2006-12-22 (PCT/US2006/049165)
[87] (WO2007/079048)
[30] US (11/325,831) 2005-12-30

[11] **2,634,392**
[13] C

[51] **Int.Cl. A61C 17/22 (2006.01)**
[25] EN
[54] **SYSTEM FOR SELECTING MODES OF OPERATION IN A POWER TOOTHBRUSH**
[54] **SYSTEME POUR SELECTIONNER DES MODES DE FONCTIONNEMENT DANS UNE BROUSSE A DENTS ELECTRIQUE**
[72] DABROWSKI, CHRISTOPHER J., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS, N.V., NL
[85] 2008-06-19
[86] 2006-12-19 (PCT/IB2006/054957)
[87] (WO2007/072430)
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[13] C

[51] **Int.Cl. A21D 6/00 (2006.01) A21D 8/02 (2006.01) A21D 10/02 (2006.01) A21D 13/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING FROZEN DOUGH**

[54] **PROCEDE PERMETTANT DE PRODUIRE UNE PATE CONGELEE**

[72] UPRETI, PRAVEEN, US
[72] JALALI, ROHIT, CA
[72] HALLER, MELISSA, US
[72] SHKOLNIK, NIKOLAY, US
[72] KOBLENTS, PAVEL YURIEVICH, RU
[72] PIVUNOV, DMITRY IVANOVICH, RU

[73] RICH PRODUCTS CORPORATION, US

[85] 2008-06-20
[86] 2006-12-18 (PCT/US2006/048316)
[87] (WO2007/075611)
[30] US (60/753,518) 2005-12-23

[11] **2,634,576**
[13] C

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[25] EN

[54] **A METHOD AND DEVICES FOR PROVIDING SECURE DATA BACKUP FROM A MOBILE COMMUNICATION DEVICE TO AN EXTERNAL COMPUTING DEVICE**

[54] **METHODE ET DISPOSITIFS ASSURANT LA SAUVEGARDE SECURISEE DES DONNEES, D'UN APPAREIL DE COMMUNICATION MOBILE JUSQU'A UN DISPOSITIF DE CALCUL EXTERNE**

[72] BROWN, MICHAEL K., CA
[72] BOCKING, ANDREW, CA
[72] TOTZKE, SCOTT, CA
[72] TAPUSKA, DAVID, CA
[72] ZINN, SCOTTE, CA
[72] MATTON, MAX, CA
[72] HARDY, MICHAEL, CA
[72] DOS SANTOS, GEORGE, CA
[72] RUNSTEDLER, CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA

[86] (2634576)
[87] (2634576)
[22] 2008-06-10
[30] EP (07110407.9) 2007-06-15

[11] **2,634,701**
[13] C

[51] **Int.Cl. C07D 207/12 (2006.01) A61K 31/40 (2006.01) A61K 31/435 (2006.01) A61P 29/00 (2006.01) C07D 211/46 (2006.01)**

[25] EN

[54] **BIARYL SUBSTITUTED NITROGEN CONTAINING HETEROCYCLE INHIBITORS OF LTA4H FOR TREATING INFLAMMATION**

[54] **INHIBITEURS HETEROCYCLIQUES DE LTA4H A SUBSTITUTION BIARYL, CONTENANT DE L'AZOTE, DESTINES AU TRAITEMENT D'INFLAMMATIONS**

[72] SANDANAYAKA, VINCENT, US
[72] SINGH, JASBIR, US
[72] KEYVAN, MAHNAZ, US
[72] KROHN, MICHAEL DAVID, US
[72] GURNEY, MARK, US
[73] DECODE GENETICS EHF, IS

[85] 2008-06-20
[86] 2006-08-03 (PCT/US2006/030526)
[87] (WO2007/073407)
[30] US (60/752,274) 2005-12-21

[11] **2,634,743**
[13] C

[51] **Int.Cl. C07C 233/81 (2006.01) A61K 31/4015 (2006.01) A61K 31/4166 (2006.01) A61P 9/00 (2006.01) C07D 207/16 (2006.01) C07D 207/50 (2006.01) C07D 233/02 (2006.01)**

[25] EN

[54] **MODIFIED LYSINE-MIMETIC COMPOUNDS**

[54] **COMPOSES MODIFIES MIMETIQUES DE LA LYSINE**

[72] LARSEN, BJARNE DUE, DK
[72] PETERSEN, JORGEN SOBERG, DK
[72] HAUGAN, KETIL JORGEN, DK
[72] BUTERA, JOHN A., US
[72] HENNAN, JAMES K., US
[72] KERNS, EDWARD H., US
[72] PIATNITSKI, EVGUENI LVOVICH, US

[73] ZEALAND PHARMA A/S, DK

[85] 2008-06-20
[86] 2006-12-21 (PCT/US2006/048790)
[87] (WO2007/078990)
[30] US (60/753,628) 2005-12-23

[11] **2,635,047**
[13] C

[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/381 (2006.01) A61K 31/4245 (2006.01) A61P 37/06 (2006.01) C07D 333/22 (2006.01) C07D 333/40 (2006.01)**

[25] EN

[54] **NOVEL THIOPHENE DERIVATIVES AS S1P1/EDG1 RECEPTOR AGONISTS**

[54] **NOUVEAUX DERIVES DE THIOPHENE UTILISES EN TANT QU'AGONISTES DES RECEPTEURS S1P1/EDG1**

[72] BOLLI, MARTIN, CH
[72] LEHMANN, DAVID, CH
[72] MATHYS, BORIS, CH
[72] MUELLER, CLAUS, DE
[72] NAYLER, OLIVER, CH
[72] STEINER, BEAT, CH
[72] VELKER, JOERG, FR

[73] ACTELION PHARMACEUTICALS LTD, CH

[85] 2008-06-25
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[87] (WO2007/080542)
[30] IB (PCT/IB2006/050103) 2006-01-11

[11] **2,635,240**
[13] C

[51] **Int.Cl. H01H 31/12 (2006.01)**

[25] EN

[54] **VARIABLE FREQUENCY DRIVE SYSTEM APPARATUS AND METHOD FOR REDUCED GROUND LEAKAGE CURRENT AND TRANSISTOR PROTECTION**

[54] **APPAREIL ET PROCEDE PERMETTANT DE REDUIRE LE COURANT DE FUITE A LA MASSE ET DE PROTEGER LES TRANSISTORS DANS DES SYSTEMES A COMMANDES A FREQUENCE VARIABLE**

[72] NOJIMA, GERALDO, US

[73] SMC ELECTRICAL PRODUCTS, INC., US

[85] 2008-06-25
[86] 2005-12-30 (PCT/US2005/047353)
[87] (WO2007/078285)

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[13] C

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **MICRONIZED DEVICE FOR THE DELIVERY OF BIOLOGICALLY ACTIVE MOLECULES AND METHODS OF USE THEREOF**
[54] **DISPOSITIF MICRONISE D'ADMINISTRATION DE MOLECULES BIOLOGIQUEMENT ACTIVES ET PROCEDE D'UTILISATION**
[72] KAUPER, KONRAD, US
[72] TAO, WENG, US
[72] STABILA, PAUL, US
[73] NEUROTECH USA INC., US
[85] 2008-06-25
[86] 2006-12-18 (PCT/US2006/048292)
[87] (WO2007/078922)
[30] US (60/755,478) 2005-12-30

[11] **2,635,666**
[13] C

[51] **Int.Cl. C21B 7/20 (2006.01) F27B 1/20 (2006.01) F27D 3/00 (2006.01)**
[25] EN
[54] **MULTIPLE HOPPER CHARGING INSTALLATION FOR A SHAFT FURNACE**
[54] **INSTALLATION DE CHARGEMENT A PLUSIEURS TREMIERS POUR UN FOUR A CUVE**
[72] LONARDI, EMILE, LU
[72] THILLEN, GUY, LU
[72] THINNES, CLAUDE, LU
[72] LOUTSCH, JEANNOT, LU
[73] PAUL WURTH S.A., LU
[85] 2008-06-27
[86] 2006-12-27 (PCT/EP2006/070214)
[87] (WO2007/082630)
[30] EP (06100682.1) 2006-01-20

[11] **2,635,677**
[13] C

[51] **Int.Cl. A61L 15/42 (2006.01)**
[25] EN
[54] **THIN FILM DELIVERY SYSTEM AND METHOD OF MANUFACTURE**
[54] **SYSTEME DE SUPPORT DE FILMS MINCES ET PROCEDE DE FABRICATION**
[72] HEINECKE, STEVEN B., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2008-06-27
[86] 2006-03-24 (PCT/US2006/010776)
[87] (WO2007/078303)
[30] US (11/323,679) 2005-12-30

[11] **2,635,713**
[13] C

[51] **Int.Cl. C23C 14/58 (2006.01) C23C 14/16 (2006.01) C23C 22/34 (2006.01) C23C 22/36 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A CORROSION-PROTECTED AND HIGH-GLOSS SUBSTRATE**
[54] **PROCEDE DE PRODUCTION D'UN SUBSTRAT A HAUT BRILLANT PROTEGE CONTRE LA CORROSION**
[72] KOCH, MATTHIAS, DE
[72] WUBBELING, GUIDO, DE
[73] ROPAL EUROPE AG, DE
[85] 2008-06-27
[86] 2007-04-17 (PCT/EP2007/003377)
[87] (WO2007/121898)
[30] EP (06008081.9) 2006-04-19

[11] **2,636,037**
[13] C

[51] **Int.Cl. H04H 40/27 (2008.01) H04W 4/00 (2009.01)**
[25] EN
[54] **VIDEO/AUDIO SYSTEM AND METHOD ENABLING A USER TO SELECT DIFFERENT VIEWS AND SOUNDS ASSOCIATED WITH AN EVENT**
[54] **SYSTEME VIDEO/AUDIO ET PROCEDE PERMETTANT A UN UTILISATEUR DE CHOISIR DIFFERENTS VUES ET SONS LIES A UN EVENEMENT**
[72] WOODS, MARK A., US
[72] ANDERSON, TAZWELL L., JR., US
[73] IMMERSION ENTERTAINMENT, LLC, US
[86] (2636037)
[87] (2636037)
[22] 2000-03-08
[62] 2,369,832
[30] US (60/123,341) 1999-03-08
[30] US (09/322,411) 1999-05-28
[30] US (60/137,323) 1999-06-03
[30] US (09/386,613) 1999-08-31

[11] **2,636,767**
[13] C

[51] **Int.Cl. F23D 14/22 (2006.01)**
[25] EN
[54] **A GASEOUS FUEL BURNER WITH LOW NOX EMISSIONS**
[54] **BRULEUR DE COMBUSTIBLE GAZEUX A FAIBLES EMISSIONS D'OXYDES D'AZOTE**
[72] SPANGELO, OYSTEIN, NO
[72] SONJU, OTTO KRISTIAN, NO
[72] SLUNGAARD, TORBJORN, NO
[72] DITARANTO, MARIO, NO
[73] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2008-07-10
[86] 2007-01-10 (PCT/NO2007/000007)
[87] (WO2007/081217)
[30] NO (2006 0170) 2006-01-11

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[11] **2,636,769**
[13] C

[51] **Int.Cl. B02C 1/10 (2006.01) B02C 4/30 (2006.01) B02C 13/28 (2006.01) B02C 17/22 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING A MULTIMATERIAL COMPONENT OR CONSTRUCTION**

[54] **PROCEDE POUR FABRIQUER UN COMPOSANT OU UNE CONSTRUCTION A MATERIAUX MULTIPLES**

[72] HELLMAN, JUSSI, FI
[72] LIHMATAINEN, JARI, FI
[73] METSO MINERALS, INC., FI
[85] 2008-07-10
[86] 2007-01-19 (PCT/FI2007/050031)
[87] (WO2007/085694)
[30] FI (20060071) 2006-01-25

[11] **2,637,243**
[13] C

[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/30 (2006.01) A61K 31/132 (2006.01) A61P 9/06 (2006.01)**

[25] EN

[54] **NOVEL USE OF A POLYAMINE-DEPLETED FOOD COMPOSITION FOR HUMAN OR VETERINARY USE, FOR PREPARING A THERAPEUTIC FOOD PRODUCT**

[54] **UTILISATION NOUVELLE D'UNE COMPOSITION ALIMENTAIRE A USAGE HUMAIN OU VETERINAIRE PAUVRE EN POLYAMINES POUR LA REALISATION D'UN ALIMENT THERAPEUTIQUE**

[72] MOULINOUX, JACQUES, FR
[72] ESTEBE, JEAN-PIERRE, FR
[73] UNIVERSITE DE RENNES 1, FR
[85] 2008-07-15
[86] 2007-01-10 (PCT/EP2007/050215)
[87] (WO2007/082822)
[30] FR (0600420) 2006-01-17

[11] **2,637,361**
[13] C

[51] **Int.Cl. A47J 36/02 (2006.01) H05B 6/80 (2006.01)**

[25] EN

[54] **MICROWAVE RECEPTACLE**

[54] **RECIPIENT POUR FOUR A MICRO-ONDES**

[72] VINNICOMBE, TIMOTHY, SE
[73] VINNICOMBE, TIMOTHY, SE
[85] 2008-07-15
[86] 2007-01-24 (PCT/SE2007/000064)
[87] (WO2007/086797)
[30] SE (0600182-0) 2006-01-30

[11] **2,637,510**
[13] C

[51] **Int.Cl. F28D 7/00 (2006.01) F24J 3/08 (2006.01) F25B 7/00 (2006.01)**

[25] EN

[54] **HEAT EXCHANGE SYSTEM WITH TWO SINGLE CLOSED LOOPS**

[54] **ECHANGEUR THERMIQUE COMPORTANT DEUX BOUCLES FERMEES**

[72] MAROIS, PATRICK, CA
[73] THERMODYNAMIQUE SOLUTIONS INC., CA
[86] (2637510)
[87] (2637510)
[22] 2008-08-29
[30] US (61/001,063) 2007-10-31

[11] **2,637,735**
[13] C

[51] **Int.Cl. E21C 35/18 (2006.01) E02F 9/28 (2006.01) E21C 35/19 (2006.01) E21C 35/197 (2006.01)**

[25] EN

[54] **A HOLDER FOR HOLDING A TOOTH ON A BODY OF A CUTTING BLADE OR GRINDING DRUM FOR CUTTING OR GRINDING ROCK OR HARD EARTH FORMATIONS**

[54] **PORTEUR POUR PORTER UNE DENT SUR UN CORPS D'UNE LAME DE COUPE OU UN TAMBOUR DE MEULE POUR COUPER OU MEULER DE LA PIERRE OU DES FORMATIONS DE TERRE DURE**

[72] STRATTI, TROY, AU
[73] ROCK SAW HOLDINGS PTY LTD, AU
[85] 2008-07-18
[86] 2007-01-25 (PCT/AU2007/000071)
[87] (WO2007/085053)
[30] AU (2006900359) 2006-01-25

[11] **2,637,768**
[13] C

[51] **Int.Cl. C07D 213/40 (2006.01) A61K 31/4402 (2006.01) C07D 213/82 (2006.01) C07D 233/28 (2006.01) C07D 233/58 (2006.01) C07D 233/60 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01)**

[25] EN

[54] **BENZAMIDE AND HETEROARENE DERIVATIVES**

[54] **DERIVES DE BENZAMIDES ET D'HETEROARENES**

[72] FAEH, CHRISTOPH, CH
[72] KUEHNE, HOLGER, DE
[72] LUEBBERS, THOMAS, DE
[72] MATTEI, PATRIZIO, CH
[72] MAUGEAIS, CYRILLE, FR
[72] PFLIEGER, PHILIPPE, FR
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2008-07-18
[86] 2007-01-29 (PCT/EP2007/050812)
[87] (WO2007/090749)
[30] EP (06101372.8) 2006-02-07

[11] **2,638,391**
[13] C

[51] **Int.Cl. H04W 28/00 (2009.01) H04W 56/00 (2009.01)**

[25] EN

[54] **COMMUNICATION APPARATUS AND METHODS FOR PERFORMING RECEIVING PROCESSING OF DATA TRANSMITTED AT PREDETERMINED INTERVALS**

[54] **APPAREIL DE COMMUNICATION ET PROCEDES POUR EFFECTUER LE TRAITEMENT DE RECEPTION DES DONNEES TRANSMISES A INTERVALLES PREDETERMINES**

[72] OBUCHI, KAZUHISA, JP
[72] KAWASAKI, YOSHIHIRO, JP
[72] TAJIMA, YOSHIHARU, JP
[72] OHTA, YOSHIKI, JP
[72] TANAKA, YOSHINORI, JP
[72] SUGIYAMA, KATSUMASA, JP
[73] FUJITSU LIMITED, JP
[86] (2638391)
[87] (2638391)
[22] 2008-07-30
[30] JP (2007-208765) 2007-08-10

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[11] **2,638,973**
[13] C

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[25] EN

[54] **BIOSENSOR AND METHOD OF MAKING**

[54] **BIOCAPTEUR ET PROCEDE**

[72] BHULLAR, RAGHBIR SINGH, US

[72] SURRIDGE, NIGEL A., US

[72] DIEBOLD, ERIC R., US

[72] HILL, BRIAN S., US

[72] WALLING, PAUL DOUGLAS, US

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

[86] (2638973)

[87] (2638973)

[22] 2004-06-18

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[30] US (10/601,144) 2003-06-20

[11] **2,640,119**
[13] C

[51] **Int.Cl. G01V 7/06 (2006.01) G01V 1/28 (2006.01) G01V 3/38 (2006.01)**

[25] EN

[54] **AN IMPROVED METHOD OF INTERPOLATION BETWEEN A PLURALITY OF OBSERVED TENSORS**

[54] **PROCEDE AMELIORE D'INTERPOLATION ENTRE UNE PLURALITE DE TENSEURS OBSERVES**

[72] FITZGERALD, DESMOND JAMES, AU

[72] HOLSTEIN, HORST, GB

[73] DESMOND FITZGERALD & ASSOCIATES PTY LTD, AU

[85] 2008-07-24

[86] 2007-01-24 (PCT/AU2007/000066)

[87] (WO2007/085048)

[30] AU (2006900346) 2006-01-24

[11] **2,640,821**
[13] C

[51] **Int.Cl. B21C 23/24 (2006.01) B32B 1/08 (2006.01) F16L 9/147 (2006.01)**

[25] EN

[54] **MAKING AN ELONGATED PRODUCT**

[54] **FABRICATION D'UN PRODUIT ALLONGE**

[72] JARVENKYLA, JYRI, FI

[72] RIESELMANN, FRANZ-JOSEF, DE

[72] WINTERSTEIN, RALF, DE

[72] FREERMANN, REINHOLD, DE

[72] HOVING, LARS, SE

[73] UPONOR INNOVATION AB, SE

[85] 2008-07-30

[86] 2007-02-02 (PCT/FI2007/050061)

[87] (WO2007/088253)

[30] EP (06101239.9) 2006-02-03

[11] **2,641,332**
[13] C

[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/80 (2006.01) E21B 21/00 (2006.01)**

[25] EN

[54] **STIMULATION METHOD**

[54] **METHODE DE STIMULATION**

[72] WATERS, GEORGE, US

[72] HOWARD, PAUL R., US

[72] WILLIAMSON, DON, US

[72] STILL, JOHN W., US

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2641332)

[87] (2641332)

[22] 2008-10-21

[30] US (60/982,516) 2007-10-25

[30] US (12/253,373) 2008-10-17

[11] **2,641,421**
[13] C

[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/436 (2006.01) A61P 9/10 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **SMALL MOLECULE INHIBITORS OF PDZ INTERACTIONS**

[54] **PETITES MOLECULES INHIBITRICES DES INTERACTIONS DU DOMAINE PDZ**

[72] BELMARES, MICHAEL P., US

[72] LU, PETER S., US

[72] MENDOZA, KENNETH A., US

[73] ARBOR VITA CORPORATION, US

[85] 2008-08-01

[86] 2006-12-29 (PCT/US2006/062715)

[87] (WO2007/079406)

[30] US (60/755,315) 2005-12-30

[30] US (11/426,282) 2006-06-23

[11] **2,642,113**
[13] C

[51] **Int.Cl. A01N 59/00 (2006.01) A01N 25/04 (2006.01) A01N 37/34 (2006.01) A01P 1/00 (2006.01) C02F 1/50 (2006.01) C02F 1/76 (2006.01)**

[25] EN

[54] **FORMULATIONS CONTAINING A NON-OXIDATIVE BIOCIDES AND A SOURCE OF ACTIVE HALOGEN AND USE THEREOF IN WATER TREATMENT**

[54] **FORMULATIONS CONTENANT UN BIOCIDES NON OXYDANT ET UNE SOURCE D'HALOGENE ACTIF ET SON UTILISATION POUR LE TRAITEMENT DE L'EAU**

[72] FELDMAN, DAVID, IL

[72] ADDA, MICHEL, IL

[72] ROCCON, RAYMOND J., US

[73] BROMINE COMPOUNDS LTD., IL

[85] 2008-08-11

[86] 2007-02-25 (PCT/IL2007/000245)

[87] (WO2007/096885)

[30] US (60/776,419) 2006-02-24

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[13] C

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[25] EN
[54] **POWDER VALVE**
[54] **VALVE A POWDRE**
[72] COLDING-KRISTENSEN, HOLGER, DK
[72] MORTENSEN, HANS HENRIK, DK
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2008-08-13
[86] 2007-02-23 (PCT/DK2007/000086)
[87] (WO2007/095951)
[30] DK (PA 2006 00256) 2006-02-23

[11] **2,642,506**
[13] C

[51] **Int.Cl. H01Q 9/04 (2006.01) H01Q 1/32 (2006.01) H01Q 1/36 (2006.01)**

[25] EN
[54] **ANTENNA APPARATUS**
[54] **DISPOSITIF D'ANTENNE**
[72] IKEDA, MASAKAZU, JP
[72] TAINAKA, YUSUKE, JP
[73] HARADA INDUSTRY CO., LTD., JP
[85] 2008-08-14
[86] 2007-11-19 (PCT/JP2007/072360)
[87] (WO2008/062746)
[30] JP (2006-315297) 2006-11-22

[11] **2,642,971**
[13] C

[51] **Int.Cl. B05D 5/08 (2006.01) C08J 5/16 (2006.01) C09D 5/00 (2006.01)**

[25] EN
[54] **ANTIFRICTION COATINGS, METHODS OF PRODUCING SUCH COATINGS AND ARTICLES INCLUDING SUCH COATINGS**
[54] **RETELEMENTS ANTIFRICTION, PROCEDES DE FABRICATION DE TELS RETELEMENTS ET ARTICLES COMPRENANT DE TELS RETELEMENTS**
[72] MEYER, WILLIAM H., JR., US
[72] BISHOP, CRAIG V., US
[72] STAPLES, WILLIAM B., US
[73] ATOTECH DEUTSCHLAND GMBH, DE
[85] 2008-08-19
[86] 2007-02-13 (PCT/US2007/003730)
[87] (WO2007/100486)
[30] US (11/360,967) 2006-02-23

[11] **2,643,265**
[13] C

[51] **Int.Cl. C11D 3/386 (2006.01) C11D 1/66 (2006.01) C11D 1/74 (2006.01) C11D 3/20 (2006.01) C11D 3/22 (2006.01)**

[25] EN
[54] **SURFACE ACTIVE BLEACH AND DYNAMIC PH**
[54] **AGENT DE BLANCHIMENT ACTIF EN SURFACE ET PH DYNAMIQUE**
[72] CONCAR, EDWARD M., US
[72] ESTELL, DAVID A., US
[72] OH, HIROSHI, US
[72] POULOSE, AYROOKARAN J., US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2008-08-21
[86] 2007-02-16 (PCT/US2007/004312)
[87] (WO2007/106293)
[30] US (60/779,130) 2006-03-02

[11] **2,643,686**
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) F17D 1/20 (2006.01)**

[25] EN
[54] **A METHOD AND A SYSTEM FOR FEEDBACK CONTROL OR MONITORING OF AN OIL OR GAS PRODUCTION SYSTEM AND COMPUTER PROGRAM PRODUCT**
[54] **PROCEDE ET SYSTEME DE REGULATION PAR RETROACTION OU DE SURVEILLANCE D'UN SYSTEME DE PRODUCTION DE PETROLE OU DE GAZ ET PROGICIEL ASSOCIE**
[72] SLUPPHAUG, OLAV, NO
[72] KRISTIANSEN, DAG, NO
[72] BJUNE, BJOERN, NO
[72] KRISTIANSEN, VESLEMOY, NO
[72] MOE, JOSTEIN, NO
[73] ABB RESEARCH LTD, CH
[85] 2008-08-25
[86] 2007-03-08 (PCT/IB2007/000547)
[87] (WO2007/102079)
[30] NO (20061141) 2006-03-09

[11] **2,644,237**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01) H04L 9/00 (2006.01)**

[25] EN
[54] **METHOD AND SYTEM FOR RECOGNIZING DESIRED EMAIL**
[54] **PROCEDE ET SYSTEME POUR RECONNAITRE LE COURRIEL DESIRABLE**
[72] GABE, CHRISTOPHER JOHN, CA
[72] OSBORNE, ROBERT, CA
[72] ALSOP, JOHN, CA
[73] WATCHGUARD TECHNOLOGIES, INC., US
[85] 2008-09-09
[86] 2007-02-19 (PCT/CA2007/000248)
[87] (WO2007/101324)
[30] US (11/370,932) 2006-03-09

[11] **2,644,429**
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 47/04 (2006.01)**

[25] EN
[54] **BIORESORBABLE CONTROLLED-RELEASE COMPOSITION**
[54] **COMPOSITION BIORESORBABLE A LIBERATION CONTROLEE**
[72] AXEN, NIKLAS, SE
[72] LENNERNAS, HANS, SE
[73] LIDDS AB, SE
[85] 2008-09-04
[86] 2007-03-14 (PCT/EP2007/002250)
[87] (WO2007/104549)
[30] DK (PA 2006 00361) 2006-03-14

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[11] **2,645,990**
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[51] **Int.Cl. G06F 21/60 (2013.01) G06Q 10/08 (2012.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01) H04L 9/32 (2006.01) G01V 3/12 (2006.01) G01V 15/00 (2006.01) G06F 7/58 (2006.01)**

[25] EN

[54] **CONTACT-LESS TAG WITH SIGNATURE, AND APPLICATIONS THEREOF**

[54] **ETIQUETTE SANS CONTACT AVEC SIGNATURE ET SES APPLICATIONS**

[72] O'BRIEN, WILLIAM G., CA
[72] YEAP, TET HIN, CA
[72] MURRAY, SEAN MACLEAN, CA
[72] ZLOBEC, SANRO, CA
[73] BCE INC., CA
[85] 2008-11-25
[86] 2007-12-20 (PCT/CA2007/002343)
[87] (WO2009/079734)

[11] **2,646,332**
[13] C

[51] **Int.Cl. E04H 9/00 (2006.01)**

[25] EN

[54] **REINFORCED COMPOSITE MATERIAL EXPLOSION VENT EVENT D'EXPLOSION EN MATERIAU COMPOSITE RENFORCE**

[72] EIJKELENBERG, TOM, BE
[72] JAKUS, GUY, BE
[73] FIKE CORPORATION, US
[85] 2008-09-17
[86] 2007-01-11 (PCT/US2007/060394)
[87] (WO2007/112147)
[30] US (11/389,455) 2006-03-24

[11] **2,646,635**
[13] C

[51] **Int.Cl. G06K 9/00 (2006.01)**

[25] FR

[54] **PROCESSING BIOMETRIC DATA UN A MULTIDIMENSIONAL REPOSITORY**

[54] **TRAITEMENT DE DONNEES BIOMETRIQUES DANS UN REFERENTIEL MULTI DIMENSIONNEL**

[72] BRINGER, JULIEN, FR
[72] CHABANNE, HERVE, FR
[72] COTTARD, MARTIN, FR
[73] MORPHO, FR
[85] 2008-09-22
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[87] (WO2007/110498)
[30] FR (0602724) 2006-03-29

[11] **2,646,831**
[13] C

[51] **Int.Cl. A61F 2/14 (2006.01)**

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[54] **INTRAOCULAR LENS SUPPORTER**

[54] **SUPPORT DE LENTILLE INTRAOCULAIRE**

[72] PARK, KYONG JIN, KR
[73] PARK, KYONG JIN, KR
[85] 2008-09-19
[86] 2007-09-21 (PCT/KR2007/004631)
[87] (WO2008/108523)
[30] KR (10-2007-0022870) 2007-03-08

[11] **2,646,942**
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A24B 15/14 (2006.01) A61K 31/465 (2006.01)**

[25] EN

[54] **IMPROVED SNUFF COMPOSITION**

[54] **COMPOSITION AMELIOREE DE TABAC A PRISER**

[72] AXELSSON, ANDERS, SE
[72] KRISTENSEN, ARNE, SE
[72] HANSSON, HENRI, SE
[73] NICONOVUM AB, SE
[85] 2008-09-15
[86] 2007-03-16 (PCT/EP2007/002343)
[87] (WO2007/104573)
[30] DK (PA 2006 00376) 2006-03-16
[30] US (60/782,977) 2006-03-16
[30] DK (PA 2006 00375) 2006-03-16
[30] US (60/782,903) 2006-03-16

[11] **2,647,505**
[13] C

[51] **Int.Cl. A61B 17/00 (2006.01)**

[25] EN

[54] **DEFORMABLE FLAP CATCH MECHANISM FOR OCCLUDER DEVICE**

[54] **MECANISME DE RETENUE DE LAMBEAU DEFORMABLE POUR DISPOSITIF D'OCCLUSION**

[72] CALLAGHAN, DAVID J., US
[73] W.L. GORE AND ASSOCIATES, INC., US
[85] 2008-09-26
[86] 2007-03-29 (PCT/US2007/065546)
[87] (WO2007/115125)
[30] US (60/787,988) 2006-03-31

[11] **2,647,898**
[13] C

[51] **Int.Cl. E06B 3/663 (2006.01)**

[25] EN

[54] **GLASS-PANE SPACER CORNER CONNECTOR**

[54] **CONNECTEUR ANGULAIRE POUR ECARTEUR DE VITRE**

[72] STROHHEKER, ROLF, DE
[73] S & T COMPONENTS GMBH & CO. KG, DE
[85] 2008-09-30
[86] 2007-04-04 (PCT/EP2007/003020)
[87] (WO2007/118611)
[30] DE (10 2006 017 821.1) 2006-04-13

[11] **2,647,976**
[13] C

[51] **Int.Cl. H04W 4/00 (2009.01) H04L 12/16 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR AUTOMATED AND CONFIGURABLE REMOTE CACHE REFRESHES**

[54] **METHODE ET SYSTEME POUR ACTUALISATIONS DE LA MEMOIRE CACHE AUTOMATISEES ET CONFIGURABLES A DISTANCE**

[72] MARTIN, DARYL, CA
[72] O'KEEFE, CHRISTOPHER DAVID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2647976)
[87] (2647976)
[22] 2008-12-29
[30] EP (08150108.2) 2008-01-08

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[13] C

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[25] EN

[54] **SYSTEM AND METHOD OF GUIDED TREATMENT WITHIN MALIGNANT PROSTATE TISSUE**

[54] **SYSTEME ET METHODE D'IDENTIFICATION ET DE LOCALISATION DES TISSUS PROSTATIQUES MALINS**

[72] TRACHTENBERG, JOHN, CA

[72] WILSON, BRIAN CAMPBELL, CA

[72] HAIDER, MASOOM A., CA

[73] TRACHTENBERG, JOHN, CA

[73] WILSON, BRIAN CAMPBELL, CA

[73] HAIDER, MASOOM A., CA

[85] 2008-10-06

[86] 2007-04-02 (PCT/US2007/008304)

[87] (WO2007/114917)

[30] US (60/788,954) 2006-04-04

[30] US (11/724,750) 2007-03-16

[11] **2,648,935**
[13] C

[51] **Int.Cl. C09C 1/36 (2006.01)**

[25] EN

[54] **AMINO PHOSPHORYL TREATED TITANIUM DIOXIDE**

[54] **DIOXYDE DE TITANE TRAITÉ PAR AMINOPHOSPHORYLE**

[72] EL-SHOUBARY, MODASSER, US

[72] AKHTAR, M. KAMAL, US

[73] CRISTAL USA INC., US

[85] 2008-10-20

[86] 2006-11-13 (PCT/US2006/043947)

[87] (WO2007/070204)

[30] US (11/301,135) 2005-12-12

[11] **2,649,097**
[13] C

[51] **Int.Cl. C09D 175/04 (2006.01) C08L 27/12 (2006.01) C08L 33/08 (2006.01) C08L 33/10 (2006.01) C08L 75/00 (2006.01) C08L 75/04 (2006.01) C09D 127/12 (2006.01) C09D 133/08 (2006.01) C09D 133/10 (2006.01) C09D 175/00 (2006.01)**

[25] EN

[54] **FLOORING SUBSTRATE HAVING A COATING OF A CURABLE COMPOSITION**

[54] **SUBSTRAT DE REVETEMENT DE SOL COMPRENANT UN REVETEMENT CONSTITUE D'UNE COMPOSITION DURCISSABLE**

[72] AUDENAERT, FRANS A., BE

[72] DAMS, RUDOLF J., BE

[72] QIU, ZAI-MING, US

[72] JING, NAIYONG, US

[72] KLUN, THOMAS P., US

[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2008-10-10

[86] 2007-04-05 (PCT/US2007/066056)

[87] (WO2007/121110)

[30] US (11/279,657) 2006-04-13

[11] **2,649,277**
[13] C

[51] **Int.Cl. F03B 13/18 (2006.01)**

[25] EN

[54] **SYSTEM FOR MULTIPLE HARNESSING AND COMPLEMENTED CONVERSION OF ENERGY FROM SEA WAVES**

[54] **SYSTEME DE CAPTAGE MULTIPLE ET DE TRANSFORMATION SYNERGIQUE D'ENERGIE A PARTIR DES VAGUES DE LA MER**

[72] CUCURELLA RIPOLL, ABEL, ES

[73] PIPO SYSTEMS, S.L., ES

[85] 2008-10-10

[86] 2007-04-12 (PCT/IB2007/052397)

[87] (WO2007/116384)

[30] ES (P-200601021) 2006-04-12

[11] **2,649,414**
[13] C

[51] **Int.Cl. C08K 5/526 (2006.01) C08L 23/08 (2006.01) C08L 25/06 (2006.01) C08L 27/06 (2006.01) C08L 27/12 (2006.01) C08L 67/02 (2006.01)**

[25] FR

[54] **PVDF-BASED EXTRUSION-AIDING AGENT**

[54] **AGENT D'AIDE A L'EXTRUSION A BASE DE PVDF**

[72] BONNET, ANTHONY, FR

[72] LAFFARGUE, JOHANN, FR

[72] TRIBALLIER, KARINE, FR

[72] BEAUME, FRANCOIS, FR

[73] ARKEMA FRANCE, FR

[85] 2008-10-02

[86] 2007-03-20 (PCT/FR2007/050962)

[87] (WO2007/113424)

[30] FR (0602973) 2006-04-05

[11] **2,649,559**
[13] C

[51] **Int.Cl. A61M 5/50 (2006.01)**

[25] EN

[54] **SYRINGE CYLINDER**

[54] **CYLINDRE DE SERINGUE**

[72] BOBST, BENJAMIN, DE

[72] PETERS, DIRK, DE

[72] BOETTGER, FRANK, DE

[73] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE

[85] 2008-10-20

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[87] (WO2007/121915)

[30] DE (10 2006 018 651.6) 2006-04-21

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[13] C

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/22 (2006.01) A61K 9/54 (2006.01)**

[25] EN

[54] **DRUG RELEASE FROM NANOPARTICLE-COATED CAPSULES**

[54] **LIBERATION DE MEDICAMENTS A PARTIR DE GELULES RECOUVERTES DE NANOPARTICULES**

[72] PRESTIDGE, CLIVE ALLAN, AU

[72] ESKANDAR, NASRIN GHOUCI, AU

[72] SIMOVIC, SPOMENKA, AU

[73] UNIVERSITY OF SOUTH AUSTRALIA, AU

[85] 2008-10-21

[86] 2007-05-04 (PCT/AU2007/000602)

[87] (WO2007/128066)

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[30] AU (2006906840) 2006-12-07

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[54] **PHENYL- OR PYRIDINYL-AMIDE AS INHIBITORS OF C-FMS KINASE**

[54] **PHENYLAMIDES OU PYRIDINYLAMIDES EN TANT QU'INHIBITEURS DE LA KINASE DU C-FMS**

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[72] BALLENTINE, SHELLY K., US

[72] CHEN, JINSHENG, US

[72] DESJARLAIS, RENEE LOUISE, US

[72] MEEGALLA, SANATH K., US

[72] WALL, MARK, US

[72] WILSON, KENNETH, US

[73] JANSSEN PHARMACEUTICA N.V., BE

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[11] **2,650,563**
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[25] EN

[54] **EPOXY RESIN COMPOSITION FOR FIBER-REINFORCED COMPOSITE MATERIAL**

[54] **COMPOSITION DE RESINE EPOXY DESTINEE A UN MATERIAU COMPOSITE RENFORCE PAR FIBRES**

[72] KOUSAKA, TAKASHI, JP

[72] IWATA, MITSUHIRO, JP

[72] ITO, TOMOHIRO, JP

[73] THE YOKOHAMA RUBBER CO., LTD., JP

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[25] EN

[54] **VALVE BLOCK, TOOL ATTACHMENT, A WORKING MACHINE AND THE USE OF A VALVE BLOCK**

[54] **BLOC DISTRIBUTEUR, PORTE-OUTIL, ENGIN DE CHANTIER ET UTILISATION D'UN BLOC DISTRIBUTEUR**

[72] SONERUD, AKE, SE

[73] OILQUICK AB, SE

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[54] **CUVE D'ELECTROLYSE D'OBTENTION D'ALUMINIUM**

[72] DREYFUS, JEAN-MICHEL, FR

[73] CARBONE SAVOIE, FR

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[54] **DISPOSITIF D'INERTISATION A GENERATEUR D'AZOTE**

[72] CLAUSS, PETER, DE

[72] WAGNER, ERNST-WERNER, DE

[73] AMRONA AG, CH

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[54] **TREATMENT OF MINERAL SLURRIES WITH IMPROVED PLANT GROWTH REHABILITATION**

[54] **TRAITEMENT DE BOUES MINERALES AVEC AMELIORATION DE LA REHABILITATION DE LA CROISSANCE VEGETALE**

[72] BELLWOOD, JOHN GERARD, AU

[72] DYMOND, BRIAN, GB

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[54] **A METHOD AND A SYSTEM FOR ENHANCED FLOW LINE CONTROL**
[54] **PROCEDE ET SYSTEME DE REGULATION DANS UNE CONDUITE D'ECOULEMENT AMELIOREE**
[72] SLUPPHAUG, OLAV, NO
[72] KRISTIANSEN, DAG, NO
[72] BJUNE, BJORN, NO
[72] KRISTIANSEN, VESLEMOY, NO
[73] ABB RESEARCH LTD, CH
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[54] **A FEMALE PART AND METHOD FOR MANUFACTURING FEMALE PARTS**
[54] **PIECE FEMELLE ET PROCEDE DE FABRICATION**
[72] NAVA, PETER, SE
[72] SORENSEN, PETER, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2008-11-13
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[25] EN
[54] **COATED PHARMACEUTICAL PRODUCT FOR INTRAORAL DELIVERY OF NICOTINE COMPRISING TROMETAMOL AS BUFFERING AGENT**
[54] **PRODUIT PHARMACEUTIQUE ENROBE DESTINE A UNE ADMINISTRATION INTRABUCCALE DE NICOTINE COMPRENANT DU TROMETAMOL SERVANT D'AGENT TAMPON**
[72] STEEN, PER, SE
[72] DYMITROWICZ, DAREK, SE
[72] WALTERMO, ASA, SE
[72] OLSSON, ROLAND, SE
[72] LINDELL, KATARINA, SE
[73] MCNEIL AB, SE
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[25] FR
[54] **ACOUSTIC LAMINATED GLAZING, ACOUSTIC INTERLAYER AND METHOD FOR SELECTING THE INTERLAYER FOR OPTIMAL ACOUSTIC DAMPING**
[54] **VITRAGE FEUILLETE ACOUSTIQUE, INTERCALAIRE ACOUSTIQUE ET PROCEDE DE SELECTION DE L'INTERCALAIRE POUR UN AMORTISSEMENT ACOUSTIQUE OPTIMAL**
[72] BOURE, JEAN-PHILIPPE, FR
[72] CHARLIER, JULIEN, FR
[72] GAUDRY, ELOI, BE
[72] REHFELD, MARC, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **METHOD AND DEVICE FOR THE REGULATED FEED OF SUPPLY AIR**
[54] **PROCEDE ET DISPOSITIF DE DISTRIBUTION REGULEE D'AIR DE SOUFFLAGE**
[72] WAGNER, ERNST-WERNER, DE
[72] LIETZ, DIETER, DE
[72] THIEM, MARCUS, DE
[73] AMRONA AG, CH
[85] 2008-11-18
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[13] C

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[25] EN
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[54] **CANETTE**
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[72] SCHROLL, GERHARD, AT
[73] BOCK, WALTER, AT
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[11] **2,653,223**
[13] C

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[25] EN
[54] **THERAPEUTIC PYRROLIDINE COMPOUNDS**
[54] **COMPOSES DE PYRROLIDINES THERAPEUTIQUES**
[72] OLD, DAVID W., US
[72] DINH, DANNY T., US
[73] ALLERGAN, INC., US
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[54] **CAPTEUR ELECTROCHIMIQUE ETANCHE A L'EAU**
[72] NUZZIO, DONALD B., US
[73] ANALYTICAL INSTRUMENT SYSTEMS, INC., US
[85] 2008-11-21
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[13] C

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[25] FR
[54] **PHARMACEUTICAL FORMULATIONS FOR THE SUSTAINED RELEASE OF ACTIVE INGREDIENT(S), AS WELL AS THEIR APPLICATIONS, ESPECIALLY THERAPEUTIC FORMULATIONS PHARMACEUTIQUES POUR LA LIBERATION PROLONGEE DE PRINCIPE(S) ACTIF(S), AINSI QUE LEURS APPLICATIONS NOTAMMENT THERAPEUTIQUES**
[72] BONNET-GONNET, CECILE, FR
[72] CHOIGNOT, DAVID, FR
[72] SOULA, OLIVIER, FR
[72] CONSTANCIS, ALAIN, FR
[73] FLAMEL TECHNOLOGIES, FR
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[11] **2,653,660**
[13] C

[51] **Int.Cl. A61K 31/737 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **SULPHATED HYALURONIC ACID FOR TREATING DEGENERATIVE OSTEOARTHRITIS**
[54] **ACIDE HYALURONIQUE SULFATE DESTINE AU TRAITEMENT DE L'ARTHROSE DEGENERATIVE**
[72] CALLEGARO, LANFRANCO, IT
[72] RENIER, DAVIDE, IT
[73] FIDIA FARMACEUTICI S.P.A., IT
[85] 2008-11-27
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[11] **2,653,761**
[13] C

[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING MEASUREMENTS OF ONE OR MORE MATERIALS**
[54] **SYSTEMES ET METHODES PERMETTANT D'EFFECTUER DES MESURES D'UN OU DE PLUSIEURS MATERIAUX**
[72] ROTH, WAYNE D., US
[72] COLLINS, CHARLES J., US
[72] DUONG, DUNG, US
[73] LUMINEX CORPORATION, US
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[51] **Int.Cl. E01D 1/00 (2006.01) E01D 2/00 (2006.01) E02D 29/067 (2006.01)**
[25] EN
[54] **BRIDGE AND METHOD FOR MANUFACTURING THE BRIDGE**
[54] **PONT ET PROCEDE DE FABRICATION DU PONT**
[72] MIETTINEN, ENSIO JOHANNES, FI
[73] MIETTINEN, ENSIO JOHANNES, FI
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[86] 2006-06-20 (PCT/FI2006/000218)
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[11] **2,654,391**
[13] C

[51] **Int.Cl. G01V 3/12 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR MEASURING ELECTROMAGNETIC SIGNALS**
[54] **INSTRUMENT POUR MESURER DES SIGNAUX ELECTROMAGNETIQUES**
[72] ELLINGSRUD, SVEIN, NO
[72] SODAL, AUDUN, NO
[72] RECHSTEINER, HANS, NO
[73] ELECTROMAGNETIC GEOSERVICES ASA, NO
[85] 2008-12-04
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[13] C

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[25] EN
[54] **MULTI STAGE COLUMN DISTILLATION (MSCD) METHOD FOR OSMOTIC SOLUTE RECOVERY**
[54] **PROCEDE DE DISTILLATION EN COLONNE MULTI-ETAGES (MSCD) POUR LA RECUPERATION DE SOLUTE OSMOTIQUE**
[72] MCGINNIS, ROBERT L., US
[72] ELIMELECH, MENACHEM, US
[73] YALE UNIVERSITY, US
[85] 2008-12-04
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[30] US (60/812,383) 2006-06-08

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[13] C

[51] **Int.Cl. A23K 1/18 (2006.01) A01K 13/00 (2006.01) A23K 1/00 (2006.01)**
[25] EN
[54] **ANIMAL CHEW COMBINING EDIBLE RESIN AND RAWHIDE**
[54] **PRODUIT A MACHER POUR ANIMAUX COMBINANT UNE RESINE COMESTIBLE ET DU CUIR BRUT**
[72] AXELROD, GLEN S., US
[72] GAJRIA, AJAY, US
[73] T.F.H. PUBLICATIONS, INC., US
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[25] EN
[54] **MACROCYCLIC COMPOUNDS AS ANTIVIRAL AGENTS**
[54] **COMPOSES MACROCYCLIQUES EN TANT QU'AGENTS ANTIVIRAUX**
[72] CRESCENZI, BENEDETTA, IT
[72] DONGHI, MONICA, IT
[72] FERRARA, MARCO, IT
[72] GARDELLI, CRISTINA, IT
[72] HARPER, STEVEN, IT
[72] KOCH, UWE, IT
[72] ROWLEY, MICHAEL, IT
[72] SUMMA, VINCENZO, IT
[73] MSD ITALIA S.R.L., IT
[85] 2008-12-10
[86] 2007-06-21 (PCT/GB2007/050346)
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[30] GB (0612423.4) 2006-06-23

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[13] C

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[25] EN
[54] **METHOD OF BONDING A FILM TO A CURVED SUBSTRATE**
[54] **PROCEDE DE COLLAGE D'UN FILM A UN SUBSTRAT INCURVE**
[72] LEFILLASTRE, PAUL, FR
[72] MARTY, ANTOINE, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS-, FR
[85] 2008-12-11
[86] 2007-06-07 (PCT/EP2007/055631)
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[30] FR (06/05247) 2006-06-13

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[13] C

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/4365 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **4-AMINO-3-(3-AZOLYL-PHENOXYMETHYL)-THIENO[3,2-C]PYRIDINE-7-CARBOXYLIC ACID DERIVATIVES AND USES THEREOF FOR TREATING CANCER, ATHEROSCLEROSIS AND RESTENOSIS**
[54] **DERIVES D'ACIDE 4-AMINO-3-(3-AZOLYL-PHENOXYMETHYL)-THIENO[3,2-C]PYRIDINE-7-CARBOXYLIQUE ET LEURS UTILISATIONS POUR LE TRAITEMENT DU CANCER, DE L'ATHEROSCLEROSE ET DE LA RESTENOSE**
[72] CHEN, YI, US
[72] LUK, KIN-CHUN THOMAS, US
[72] ROSSMAN, PAMELA LOREEN, US
[72] SO, SUNG-SAU, US
[73] F.HOFFMANN-LA ROCHE AG, US
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[30] US (60/817,616) 2006-06-29

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[13] C

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[25] EN
[54] **SYSTEM AND METHOD FOR SWITCHING BETWEEN CONVERSATIONS IN INSTANT MESSAGING APPLICATIONS**
[54] **SYSTEME ET METHODE PERMETTANT LA COMMUTATION ENTRE DES CONVERSATIONS DANS DES APPLICATIONS DE MESSAGERIE INSTANTANEE**
[72] BENNINGER, BRADLEY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2655492)
[87] (2655492)
[22] 2009-02-24

[11] **2,655,575**
[13] C

[51] **Int.Cl. C07F 15/00 (2006.01)**
[25] EN
[54] **NEW RUTHENIUM COMPLEXES AS CATALYSTS FOR METATHESIS REACTIONS**
[54] **NOUVEAUX COMPLEXES DU RUTHENIUM COMME CATALYSEURS POUR DES REACTIONS DE METATHESE**
[72] PUENTENER, KURT, CH
[72] SCALONE, MICHELANGELO, CH
[73] F.HOFFMANN-LA ROCHE AG, US
[85] 2008-12-17
[86] 2007-06-18 (PCT/EP2007/055995)
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[30] EP (06116373.9) 2006-06-30

[11] **2,655,639**
[13] C

[51] **Int.Cl. B29C 41/04 (2006.01) F17C 1/16 (2006.01) B29C 41/06 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A SEALING BLADDER MADE OF THERMOSETTING POLYMER FOR A TANK CONTAINING A PRESSURIZED FLUID, SUCH AS A COMPOSITE TANK, AND A TANK**
[54] **PROCEDE DE FABRICATION D'UNE VESSIE D'ETANCHEITE EN POLYMERE THERMODURCISSABLE POUR UN RESERVOIR CONTENANT UN FLUIDE SOUS PRESSION, TEL QU'UN RESERVOIR COMPOSITE, ET RESERVOIR**
[72] MAZABRAUD, PHILIPPE, FR
[72] NONY, FABIEN, FR
[72] DELEUZE, CHARLES, FR
[72] PERRIER, OLIVIER, FR
[72] ROCLE, DOMINIQUE, FR
[72] DOULIN, GWENAEL, FR
[72] TCHARKHTCHI, ABBAS, FR
[72] LUCAS, ALBERT, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[73] RAIGI, FR
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[25] EN

[54] **METHODS FOR HEAT TREATMENT OF MILK**

[54] **PROCEDES POUR LE TRAITEMENT THERMIQUE DU LAIT**

[72] MARON, HANS PAUL, US

[72] CORBY, PATRICIA RUTH, US

[73] FAIR OAKS FARMS BRANDS, INC., US

[85] 2008-12-19

[86] 2007-06-23 (PCT/US2007/014614)

[87] (WO2008/002492)

[30] US (60/816,035) 2006-06-23

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[13] C

[51] **Int.Cl. C11D 3/37 (2006.01) C11D 17/00 (2006.01) E03D 9/00 (2006.01)**

[25] EN

[54] **IMPROVED SOLID TREATMENT BLOCKS FOR SANITARY APPLIANCES**

[54] **BLOCS DE TRAITEMENT PLEINS AMELIORES POUR APPAREILS SANITAIRES**

[72] CHEUNG, TAK-WAI, US

[72] LU, ROBERT, ZHONG, US

[72] MOSESON, DANA, US

[72] WU, STEVEN, US

[73] RECKITT BENCKISER LLC, US

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[87] (WO2007/148053)

[30] US (60/805,227) 2006-06-20

[30] US (60/939,390) 2007-05-22

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[13] C

[51] **Int.Cl. A01N 43/80 (2006.01) A01N 33/12 (2006.01) A01N 59/20 (2006.01) A01P 1/00 (2006.01)**

[25] EN

[54] **ANTIMICROBIAL COMPOSITION USEFUL FOR PRESERVING WOOD COMPRISING A COPPER ALKYL DIMETHYLAMMONIUM SALT AND 2-N-OCTYL-4-ISOLTHIAZOLIN-3-ONE**

[54] **COMPOSITION ANTIMICROBIENNE UTILE COMME AGENT DE CONSERVATION DU BOIS COMPRENANT UN SEL D'ALKYLDIMETHYLAMMONIUM DE CUIVRE ET DU 2-N-OCTYL-4-ISOLTHIAZOLIN-3-ONE**

[72] ASHMORE, JOHN WILLIAM, US

[72] CHIA, LI-LIANG, US

[72] EL A'MMA, BEVERLY JEAN, US

[73] ROHM AND HAAS COMPANY, US

[86] (2659908)

[87] (2659908)

[22] 2006-06-01

[62] 2,549,268

[30] US (60/690,685) 2005-06-15

[11] **2,660,461**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MEASURING USER AFFINITY IN A SOCIAL NETWORK ENVIRONMENT**

[54] **SYSTEMES ET PROCEDES POUR MESURER L'ATTRAIT D'UN UTILISATEUR DANS UN ENVIRONNEMENT DE RESEAU SOCIAL**

[72] BOSWORTH, ANDREW, US

[72] COX, CHRIS, US

[73] FACEBOOK, INC., US

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[30] US (11/503,093) 2006-08-11

[11] **2,661,356**
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[51] **Int.Cl. H04W 68/02 (2009.01)**

[25] EN

[54] **APPARATUS, AND ASSOCIATED METHOD, FOR DYNAMICALLY CONFIGURING A PAGE MESSAGE USED TO PAGE AN ACCESS TERMINAL IN A RADIO COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCEDE POUR LA CONFIGURATION DYNAMIQUE D'UN MESSAGE DE PAGE UTILISE POUR PAGINER UN TERMINAL D'ACCES DANS UN SYSTEME DE COMMUNICATION RADIO**

[72] WILLEY, WILLIAM DANIEL, US

[73] BLACKBERRY LIMITED, CA

[85] 2009-02-20

[86] 2007-08-22 (PCT/CA2007/001468)

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[30] US (11/841,323) 2007-08-20

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[54] **FIXED COMBINATION DOSAGE FORMS FOR THE TREATMENT OF MIGRAINE**

[54] **FORMES POSOLOGIQUES COMBINEES DETERMINEES DESTINEES AU TRAITEMENT DE LA MIGRAINE**

[72] MAICHLE, WILLIAM R., US

[72] WHATLEY, CARL L., US

[72] REINER, GIORGIO, IT

[72] REINER, ALBERTO, IT

[73] APR APPLIED PHARMA RESEARCH S.A., CH

[85] 2008-11-20

[86] 2007-04-25 (PCT/US2007/009953)

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[25] EN
[54] **BIODEGRADABLE MULTIPHASE COMPOSITIONS BASED ON STARCH**
[54] **COMPOSITIONS BIODEGRADABLES MULTIPHASES A BASE D'AMIDON**
[72] BASTIOLI, CATIA, IT
[72] FLORIDI, GIOVANNI, IT
[72] DEL TREDICI, GIANFRANCO, IT
[73] NOVAMONT S.P.A., IT
[85] 2009-02-27
[86] 2007-09-26 (PCT/EP2007/060223)
[87] (WO2008/037744)
[30] IT (MI2006A001845) 2006-09-27

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[25] EN
[54] **BIODEGRADABLE COMPOSITIONS BASED ON NANOPARTICULATE STARCH**
[54] **COMPOSITIONS BIODEGRADABLES A BASE D'AMIDON NANOPARTICULAIRE**
[72] BASTIOLI, CATIA, IT
[72] FLORIDI, GIOVANNI, IT
[72] DEL TREDICI, GIANFRANCO, IT
[73] NOVAMONT S.P.A., IT
[85] 2009-03-04
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[87] (WO2008/037749)
[30] IT (MI2006A001844) 2006-09-27

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[25] EN
[54] **METHOD AND DEVICE FOR GENERATING A SYNTHETIC WAVELENGTH**
[54] **PROCEDE ET DISPOSITIF DE GENERATION D'UNE LONGUEUR D'ONDE SYNTHETIQUE**
[72] LE FLOCH, SEBASTIEN, CH
[72] SALVADE, YVES, CH
[72] JENSEN, THOMAS, CH
[72] ROHNER, MARCEL, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2009-03-19
[86] 2007-09-26 (PCT/EP2007/008356)
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[54] **SYSTEM FOR RESECTING CORNEAL TISSUE USING NON-CONTINUOUS INITIAL INCISIONS**
[54] **SYSTEME ET PROCEDE DE RESECTION DU TISSU CORNEEN PAR DES INCISIONS INITIALES DISCONTINUES**
[72] KURTZ, RONALD M., US
[72] PRICE, FRANCIS W., US
[72] SARAYBA, MELVIN A., US
[73] AMO DEVELOPMENT, LLC, US
[85] 2009-03-03
[86] 2007-08-24 (PCT/US2007/076810)
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[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM WITH HIGH RATE OF UTILIZATION OF ACTIVE SUBSTANCE AND DOSING ACCURACY**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE AVEC UN TAUX D'UTILISATION DE LA SUBSTANCE ACTIVE ELEVE ET UNE POSOLOGIE PLUS PRECISE**
[72] HORSTMANN, MICHAEL, DE
[72] MUELLER, WALTER, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2009-03-04
[86] 2007-11-09 (PCT/EP2007/009707)
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[30] DE (10 2006 054 733.0) 2006-11-21

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[25] EN
[54] **FOLDER WITH CARD-RECEIVING RECESS**
[54] **DOSSIER AVEC LOGEMENT POUR CARTES**
[72] JONES, BRADEN, US
[72] KENNEY, JULIET, US
[72] GRASSIA, LAUREN, US
[73] ESSELTE CORPORATION, US
[86] (2666072)
[87] (2666072)
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[30] US (12/121,702) 2008-05-15

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[25] EN
[54] **MAGNETIC FLUX MEASURING DEVICE AND MAGNETIC FLUX MEASURING METHOD FOR STATIONARY INDUCTION ELECTRICAL APPARATUS, AND SYNCHRONOUS SWITCHING CONTROLGEAR FOR CIRCUIT BREAKER**
[54] **APPAREIL DE MESURE DE FLUX MAGNETIQUE D'UN DISPOSITIF ELECTRIQUE A INDUCTION STATIONNAIRE, SON PROCEDE DE MESURE DE FLUX MAGNETIQUE ET APPAREIL DE COMMANDE DE COMMUTATION SYNCHRONE POUR RUPTEUR**
[72] SAITO, MINORU, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2009-04-16
[86] 2007-10-12 (PCT/JP2007/001111)
[87] (WO2008/047469)
[30] JP (2006-281493) 2006-10-16

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[25] EN
[54] **DRYWALL TRIMMING ELEMENT WITH COMPOUND LOCKING FEATURE**
[54] **ELEMENT D'ENCHEVETURE DE CLOISONS SECHES AVEC DISPOSITIF DE VERROUILLAGE PAR COMPOSE**
[72] BUDZIK, MARK, US
[73] TRIM-TEX, INC., US
[86] (2666856)
[87] (2666856)
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[11] **2,667,415**
[13] C

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[25] EN
[54] **DEVICE FOR MECHANICALLY CONNECTING VEHICLES**
[54] **DISPOSITIF DE LIAISON MECANIQUE DE VEHICULES**
[72] VEMMER, FRIEDRICH, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2009-04-21
[86] 2007-08-30 (PCT/EP2007/059064)
[87] (WO2008/049674)
[30] DE (10 2006 049 868.2) 2006-10-23

[11] **2,667,547**
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[25] EN
[54] **PIPERIDYL-PROPANE-THIOL CCR3 MODULATORS**
[54] **MODULATEURS CCR3 DE PIPERIDYL-PROPANE-THIOL**
[72] MARTYRES, DOMNIC, DE
[72] HOFFMANN, MATTHIAS, DE
[72] SEITHER, PETER, DE
[72] BOUYSSOU, THIERRY, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2009-04-24
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[25] EN
[54] **ANTISTATIC CORE-SHEATH TYPE POLYESTER ULTRAFINE FALSE-TWIST TEXTURED YARN, USES OF AND METHOD FOR PRODUCING THE SAME**
[54] **FIL TEXTURE A FAUSSE TORSION ULTRAFIN ET POLYESTER DE TYPE AME-ENVELOPPEANTISTATIQUE, SES UTILISATIONS ET SON PROCEDE DE PRODUCTION**
[72] NAKAJIMA, SUGURU, JP
[73] TEIJIN FIBERS LIMITED, JP
[85] 2009-04-29
[86] 2007-10-26 (PCT/JP2007/071351)
[87] (WO2008/053977)
[30] JP (2006-294097) 2006-10-30
[30] JP (2007-074764) 2007-03-22

[11] **2,668,056**
[13] C

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[25] EN
[54] **DEVICE AND METHOD FOR POSTPROCESSING SPECTRAL VALUES AND ENCODER AND DECODER FOR AUDIO SIGNALS**
[54] **DISPOSITIF ET PROCEDE POUR LE POST-TRAITEMENT DE VALEURS SPECTRALES ET CODEUR ET DECODEUR POUR SIGNAUX AUDIO**
[72] EDLER, BERND, DE
[72] GEIGER, RALF, DE
[72] ERTEL, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] POPP, HARALD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **DEVICE AND METHOD FOR IMPROVING FUNCTION OF HEART VALVE**
[54] **DISPOSITIF ET PROCEDE POUR AMELIORER LA FONCTION DE LA VALVULE CARDIAQUE**
[72] KERAENEN, OLLI, SE
[73] MEDTENTIA INTERNATIONAL LTD OY, FI
[85] 2009-05-01
[86] 2007-11-12 (PCT/EP2007/062225)
[87] (WO2008/058940)
[30] SE (0602421-0) 2006-11-13
[30] US (60/876,123) 2006-12-21

[11] **2,669,156**

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[25] EN
[54] **METHODS AND APPARATUS FOR IMPLEMENTING PROXY MOBILE IP IN FOREIGN AGENT CARE-OF ADDRESS MODE**
[54] **PROCEDES ET APPAREILS ADAPTES POUR LA MISE EN OEUVRE D'UN PROTOCOLE IP MOBILE AVEC PROXY, DANS UN MODE D'ADRESSE COA D'AGENT ETRANGER**
[72] ULUPINAR, FATIH, US
[72] WANG, JUN, US
[72] AGASHE, PARAG ARUN, US
[72] HSU, RAYMOND TAH-SHENG, US
[72] NARAYANAN, VIDYA, US
[73] QUALCOMM INCORPORATED, US
[85] 2009-05-08
[86] 2007-11-19 (PCT/US2007/085066)
[87] (WO2008/061257)
[30] US (60/866,402) 2006-11-17
[30] US (60/866,582) 2006-11-20
[30] US (60/866,823) 2006-11-21
[30] US (11/941,873) 2007-11-16

[11] **2,671,240**

[13] C

- [51] **Int.Cl. F16L 37/084 (2006.01) A01B 59/06 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **HYDRAULIC CONNECTION**
[54] **CONNEXION HYDRAULIQUE**
[72] LUNDGREN, BERTIL, SE
[73] NORDHYDRAULIC AB, SE
[85] 2009-06-01
[86] 2007-11-19 (PCT/SE2007/050869)
[87] (WO2008/066479)
[30] SE (0602576-1) 2006-12-01

[11] **2,672,099**

[13] C

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[25] EN
[54] **TOILET DEVICE**
[54] **DISPOSITIF POUR TOILETTES**
[72] LOVATT, CHRISTOPHER, GB
[73] OAKSTRONG INTERNATIONAL LTD., US
[85] 2009-03-27
[86] 2007-09-06 (PCT/GB2007/050526)
[87] (WO2008/038036)
[30] GB (0619171.2) 2006-09-29

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[25] EN
[54] **ENCODER, DECODER AND METHODS FOR ENCODING AND DECODING DATA SEGMENTS REPRESENTING A TIME-DOMAIN DATA STREAM**
[54] **DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE ET PROCEDES DESTINES AU CODAGE ET AU DECODAGE DE SEGMENTS DE DONNEES REPRESENTANT UN TRAIN DE DONNEES DANS LE DOMAINE TEMPOREL**
[72] GEIGER, RALF, DE
[72] NEUENDORF, MAX, DE
[72] YOKOTANI, YOSHIKAZU, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] HERRE, JUERGEN, DE
[72] GEYERSBERGER, STEFAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[87] (WO2008/071353)
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[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING OR ARRESTING CRACK DEVELOPMENT AND PROPAGATION**
[54] **PROCEDE ET APPAREIL POUR PREVENIR OU ARRETER LE DEVELOPPEMENT ET LA PROPAGATION DE FISSURES**
[72] PREVEY, PAUL S., III, US
[73] SURFACE TECHNOLOGY HOLDINGS, LTD., US
[85] 2009-06-11
[86] 2007-02-23 (PCT/US2007/004761)
[87] (WO2007/120396)
[30] US (60/777,019) 2006-02-27
[30] US (11/709,621) 2007-02-22

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[54] **BURNER FOR HOUSEHOLD OR RECREATIONAL USE**

[54] **BRULEUR DOMESTIQUE OU POUR USAGE DECORATIF**

[72] STELLEMA, LAMMERT GOSSE, NL

[73] CLEAN FIRE SYSTEM B.V., NL

[85] 2009-03-12

[86] 2006-09-13 (PCT/NL2006/000454)

[87] (WO2007/032667)

[30] NL (1029948) 2005-09-13

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[54] **COMPOUNDS AND METHOD FOR TREATMENT OF CANCER**

[54] **COMPOSES ET METHODE DE TRAITEMENT UN CANCER**

[72] DANTER, WAYNE R., CA

[72] BROWN, MARTYN, CA

[72] LEPIFRE, FRANCK, FR

[73] CRITICAL OUTCOME TECHNOLOGIES, INC., CA

[85] 2009-06-25

[86] 2008-01-11 (PCT/CA2008/000045)

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[30] US (60/884,489) 2007-01-11

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[13] C

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[25] EN

[54] **DEVICE MOUNT WITH SELECTIVELY POSITIONABLE TILT AXIS**

[54] **MONTURE DE DISPOSITIF AYANT UN AXE DE BASCULEMENT POUVANT ETRE SELECTIVEMENT POSITIONNE**

[72] DITTMER, JAY, US

[73] MILESTONE AV TECHNOLOGIES LLC, US

[85] 2009-07-03

[86] 2008-01-03 (PCT/US2008/000044)

[87] (WO2008/083396)

[30] US (60/883,303) 2007-01-03

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[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 36/00 (2009.01) H04W 74/08 (2009.01)**

[25] EN

[54] **APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT PROVIDING SYNCHRONIZED HANDOVER**

[54] **APPAREIL, PROCEDE ET PRODUIT DE PROGRAMME D'ORDINATEUR FOURNISSANT UN TRANSFERT SYNCHRONISE**

[72] SEBIRE, BENOIST, JP

[72] DALSGAARD, LARS, FI

[72] KOSKELA, JARKKO T., FI

[73] NOKIA CORPORATION, FI

[85] 2009-07-09

[86] 2008-01-11 (PCT/IB2008/000068)

[87] (WO2008/084395)

[30] US (60/880,286) 2007-01-12

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[13] C

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[25] EN

[54] **METHODS OF MANUFACTURE OF POLYLACTIC ACID FOAMS**

[54] **PROCEDES DE FABRICATION DE MOUSSES EN ACIDE POLYLACTIQUE**

[72] WITT, MICHAEL, RALPH, JUERGEN, NZ

[72] SHAH, SAMIR, NZ

[73] BIOPOLYMER NETWORK LIMITED, NZ

[85] 2009-07-14

[86] 2008-01-30 (PCT/IB2008/050321)

[87] (WO2008/093284)

[30] NZ (552936) 2007-01-30

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[25] EN

[54] **STUD WITH LENGTHWISE INDENTED RIBS AND METHOD**

[54] **MONTANT AVEC NERVURES EMBOUTIES SUR LA LONGUEUR ET PROCEDE**

[72] BODNAR, EREST R., CA

[73] GCG HOLDINGS LTD, BS

[85] 2009-07-15

[86] 2007-01-12 (PCT/CA2007/000044)

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[30] US (60/759,068) 2006-01-17

[11] **2,675,939**
[13] C

[51] **Int.Cl. A62B 7/14 (2006.01) A62B 18/08 (2006.01)**

[25] EN

[54] **PROTECTIVE HEADGEAR EQUIPMENT WITH RESPIRATOR AND OPTICAL SHIELD**

[54] **EQUIPEMENT CASQUE PROTECTEUR POURVU D'UN RESPIRATEUR ET D'UN ECRAN DE PROTECTION OPTIQUE**

[72] BERTHET, FREDERIC, FR

[72] AUBONNET, SEVERINE, FR

[73] INTERTECHNIQUE, FR

[85] 2009-07-17

[86] 2007-01-19 (PCT/IB2007/000581)

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[51] **Int.Cl. C07C 311/08 (2006.01) A61K 31/18 (2006.01) A61P 13/02 (2006.01)**
[25] EN
[54] **BENZYLAMINE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE ACID ADDITION SALT THEREOF, AND USE THEREOF FOR MEDICAL PURPOSES**
[54] **DERIVE DE BENZYLAMINE OU SEL D'ADDITION AVEC UN ACIDE ACCEPTABLE DU POINT DE VUE PHARMACEUTIQUE DE CELUI-CI ET UTILISATION DE CEUX-CI A DES FINS MEDICALES**
[72] HAYASHI, RYOJI, JP
[72] KIKUCHI, TSUKASA, JP
[72] ARAI, MASAKI, JP
[72] KUROSAWA, SATOSHI, JP
[72] HASEBE, KO, JP
[72] KANIE, SAYOKO, JP
[72] OZONO, SEIICHIRO, JP
[72] OTSUKA, ATSUSHI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2009-07-30
[86] 2008-01-31 (PCT/JP2008/051479)
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[30] JP (2007-020582) 2007-01-31

[11] **2,677,121**
[13] C

[51] **Int.Cl. G09G 5/34 (2006.01)**
[25] EN
[54] **COMPUTER SYSTEM FOR CONTINUOUS OBLIQUE PANNING**
[54] **SYSTEME INFORMATIQUE POUR PANORAMIQUE OBLIQUE CONTINU**
[72] SCHULTZ, STEPHEN, US
[72] SCHNAUFER, CHRIS, US
[72] GIUFFRIDA, FRANK, US
[73] PICTOMETRY INTERNATIONAL CORPORATION, US
[85] 2009-07-30
[86] 2008-02-01 (PCT/US2008/052804)
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[30] US (60/898,990) 2007-02-01

[11] **2,677,689**
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/10 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTHORIZING A COMMUNICATION INTERFACE**
[54] **PROCEDE ET APPAREIL D'AUTORISATION D'UNE INTERFACE DE COMMUNICATION**
[72] SHINTANI, PETER R., US
[72] BOYDEN, DAVID C., US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
[85] 2009-08-07
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[30] US (11/673,522) 2007-02-09

[11] **2,678,769**
[13] C

[51] **Int.Cl. B05B 1/18 (2006.01)**
[25] EN
[54] **SHOWER ASSEMBLY WITH RADIAL MODE CHANGER**
[54] **ENSEMBLE DE DOUCHE AVEC CHANGEUR DE MODE RADIAL**
[72] WILLIAMS, BRIAN RANDALL, US
[72] WHITAKER, CARL T., US
[72] LEBER, LELAND C., US
[73] WATER PIK, INC., US
[73] WILLIAMS, BRIAN RANDALL, US
[86] (2678769)
[87] (2678769)
[22] 2009-09-15
[30] US (61/097,069) 2008-09-15

[11] **2,678,950**
[13] C

[51] **Int.Cl. B61F 3/02 (2006.01) B61F 5/22 (2006.01) B61F 5/38 (2006.01)**
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[54] **BOGIE DIRECTEUR POUR VEHICULES FERROVIAIRES**
[72] SIMSON, SCOTT, AU
[73] CENTRAL QUEENSLAND UNIVERSITY, AU
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[87] (WO2008/101287)
[30] AU (2007900891) 2007-02-22

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[54] **ELEMENT DE PROTECTION TELESCOPIQUE**
[72] LIU, KAI, CN
[72] WANG, ZHONGLIN, CN
[73] YOTRIO GROUP CO., LTD., CN
[85] 2009-08-24
[86] 2008-04-25 (PCT/DE2008/000707)
[87] (WO2008/135015)
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[11] **2,680,514**
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[54] **PATIENT'S SKIN PUNCTURING DEVICE**
[54] **DISPOSITIF PERMETTANT DE PERFORER LA PEAU D'UN PATIENT**
[72] KARBOWNICZEK, JACEK, PL
[72] SARNA, WOJCIECH, PL
[72] JANKOWSKI, ANDRZEJ, PL
[72] WYSZOGRODZKI, WOJCIECH, PL
[72] CZERNECKI, ANDRZEJ, PL
[73] "HTL-STREFA" SPOLKA AKCYJNA, PL
[85] 2009-09-10
[86] 2008-04-18 (PCT/PL2008/000030)
[87] (WO2008/130259)
[30] PL (P 382235) 2007-04-19

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[51] **Int.Cl. B29C 43/12 (2006.01) B29B 15/10 (2006.01) B29C 43/34 (2006.01) B29C 43/36 (2006.01)**

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[54] **METHOD OF VACUUM-ASSISTED RTM**

[54] **PROCEDE DE RTM ASSISTE SOUS VIDE**

[72] NISHIYAMA, SHIGERU, JP

[72] TAKEDA, FUMIHITO, JP

[72] ODANI, HIROSHI, JP

[72] MIZOBATA, MASUMI, JP

[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[73] TORAY INDUSTRIES, INC., JP

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[30] JP (2007-072069) 2007-03-20

[11] **2,681,631**
[13] C

[51] **Int.Cl. F02B 75/04 (2006.01) F02D 15/02 (2006.01)**

[25] FR

[54] **DEVICE FOR DIRECTLY MEASURING ON A PISTON THE EFFECTIVE VOLUMETRIC RATIO OF A VARIABLE COMPRESSION RATIO ENGINE**

[54] **DISPOSITIF PERMETTANT DE MESURER DIRECTEMENT SUR LE PISTON LE RAPPORT VOLUMETRIQUE EFFECTIF D'UN MOTEUR A TAUX DE COMPRESSION VARIABLE**

[72] RABHI, VIANNEY, FR

[73] RABHI, VIANNEY, FR

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[87] (WO2008/145837)

[30] FR (07/02731) 2007-04-16

[30] US (60/907,784) 2007-04-17

[11] **2,681,905**
[13] C

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[54] **RESINE DE BROYAGE**

[72] SLAWIKOWSKI, MARK P., US

[72] LINDOW, DAVID E., US

[73] PPG INDUSTRIES OHIO, INC., US

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[25] EN

[54] **INFILL WELL METHODS FOR SAGD WELL HEAVY HYDROCARBON RECOVERY OPERATIONS**

[54] **METHODES FAISANT APPEL A DES PUITES DE REMPLISSAGE POUR LES OPERATIONS DE RECUPERATION D'HYDROCARBURES LOURDS DANS DES PUITES SAGD**

[72] MYER, JOHN WILLIAM GEORGE, CA

[72] ENGELMAN, J. RUSSELL, CA

[72] PEATS, ALLAN WAYNE, CA

[72] SUN, FU QIANG, CA

[72] CUTHIELL, DAVID LAYTON, CA

[73] SUNCOR ENERGY INC., CA

[86] (2684049)

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[11] **2,684,291**
[13] C

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[25] EN

[54] **SYSTEM AND METHOD FOR MONITORING AND CONTROLLING PRODUCTION FROM WELLS**

[54] **SYSTEME ET PROCEDE PERMETTANT DE SURVEILLER ET REGULER LA PRODUCTION DE PUITES DE FORAGE**

[72] THIGPEN, BRIAN L., US

[72] VACHON, GUY P., US

[72] YERIAZARIAN, GARABED, US

[72] LEE, JAEDONG, US

[72] CHOK, CHEE M., US

[72] SANN, CLARK, US

[72] LIU, XIN, US

[73] BAKER HUGHES INCORPORATED, US

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[11] **2,684,331**
[13] C

[51] **Int.Cl. F03D 11/04 (2006.01) F03D 7/00 (2006.01) F03D 9/02 (2006.01)**

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[54] **A WIND TURBINE ENGINE AND POWER SYSTEM**

[54] **MOTEUR DE TYPE EOLIENNE ET SYSTEME D'ENERGIE**

[72] WANG, YING, CN

[72] LIN, QINGWAN, CN

[73] WANG, YING, CN

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[51] **Int.Cl. H04H 60/11 (2009.01) H04H 40/00 (2009.01) H04N 7/64 (2006.01)**

[25] EN

[54] **METHOD FOR TURBO TRANSMISSION OF DIGITAL BROADCASTING TRANSPORT STREAM, A DIGITAL BROADCASTING TRANSMISSION AND RECEPTION SYSTEM, AND A SIGNAL PROCESSING METHOD THEREOF**

[54] **PROCEDE DE TURBO-EMISSION DE FLUX DE TRANSPORT DE DIFFUSION NUMERIQUE, SYSTEME D'EMISSION ET DE RECEPTION DE DIFFUSION NUMERIQUE ET PROCEDE DE TRAITEMENT DE SIGNAL ASSOCIE**

[72] PARK, EUI-JUN, KR

[72] KWON, YONG-SIK, KR

[72] YU, JUNG-PIL, KR

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

[86] (2684435)

[87] (2684435)

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[62] 2,624,477

[30] US (60/724,786) 2005-10-11

[30] KR (10-2005-0113662) 2005-11-25

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[11] **2,684,720**

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[51] **Int.Cl. H02G 3/04 (2006.01)**

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[54] **CABLE TRAY**

[54] **CHEMIN DE CABLES**

[72] WINN, RICHARD GREGG, US

[73] WINN, RICHARD GREGG, US

[86] (2684720)

[87] (2684720)

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[30] US (61/118,270) 2008-11-26

[30] US (12/319,836) 2009-01-13

[11] **2,684,940**

[13] C

[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO BEVERAGE PREPARATION MACHINES**

[54] **AMELIORATIONS POUVANT ETRE APORTEES A DES MACHINES DE PREPARATION DE BOISSONS**

[72] TANNER, ROGER GEOFFREY, GB

[72] WILSON, PAUL JAMES, GB

[72] SAXTON, PAUL ADRIAN, GB

[73] KRAFT FOODS R & D, INC., US

[85] 2009-11-10

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[11] **2,685,270**

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[54] **EXPRESSION VECTORS FOR STIMULATING AN IMMUNE RESPONSE AND METHODS OF USING THE SAME**

[54] **VECTEURS D'EXPRESSION DESTINES A STIMULER UNE REPONSE IMMUNITAIRE ET PROCEDES DE LEUR UTILISATION**

[72] FIKES, JOHN D., US

[72] HERMANSON, GARY G., US

[72] SETTE, ALESSANDRO, US

[72] ISHIOKA, GLENN Y., US

[72] LIVINGSTON, BRIAN, US

[72] CHESNUT, ROBERT W., US

[73] EPIMMUNE INC., US

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[30] US (60/085,751) 1998-05-15

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[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/49 (2006.01) A61K 31/352 (2006.01) A61K 36/484 (2006.01) A61P 31/04 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **LIQUORICE EXTRACT ANTIMICROBIAL AND ANTI-INFLAMMATORY ISOLATES**

[54] **ISOLATS ANTIMICROBIENS ET ANTI-INFLAMMATOIRES D'EXTRAIT DE REGLISSE**

[72] BERGERON, CHANTAL, US

[72] GAFNER, STEFAN, US

[73] TOM'S OF MAINE, INC., US

[85] 2009-10-30

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[54] **ELECTRONICALLY CONTROLLED VALVE AND SYSTEMS CONTAINING SAME**

[54] **SOUPAPE ELECTRONIQUE ET SYSTEME CONTENANT UNE TELLE SOUPAPE**

[72] COOK, DANIEL S., US

[72] ELMOZNINO, MICHAEL J., US

[72] CARTER, BLAKE D., US

[73] ENFIELD TECHNOLOGIES, LLC, US

[85] 2009-11-17

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[30] US (61/067,444) 2008-02-27

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[25] EN
[54] **METHOD AND APPARATUS FOR SENDING SCHEDULING INFORMATION FOR BROADCAST AND MULTICAST SERVICES IN A CELLULAR COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL SERVANT A ENVOYER DES INFORMATIONS D'ORDONNANCEMENT POUR DES SERVICES DE DIFFUSION ET DE MULTIDIFFUSION DANS UN SYSTEME DE COMMUNICATION CELLULAIRE**
[72] TENNY, NATHAN EDWARD, US
[72] MALLADI, DURGA PRASAD, US
[73] QUALCOMM INCORPORATED, US
[85] 2009-11-09
[86] 2008-05-30 (PCT/US2008/065402)
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[30] US (60/940,873) 2007-05-30
[30] US (12/128,972) 2008-05-29

[11] **2,687,316**
[13] C

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[25] EN
[54] **CONTROL ARRANGEMENT AND METHOD FOR POWER ELECTRONIC SYSTEM**
[54] **MONTAGE ET METHODE DE COMMANDE POUR SYSTEME D'ALIMENTATION ELECTRONIQUE**
[72] MIKOSZ, RICHARD P., US
[72] ATANUS, RONALD D., US
[72] ENNIS, MICHAEL G., US
[72] MEARS, GREGORY C., US
[72] O'LEARY, RAYMOND P., US
[72] RUTA, JOSEPH W., US
[73] S&C ELECTRIC COMPANY, US
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[87] (2687316)
[22] 1999-08-16
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[30] US (60/131,724) 1999-04-30

[11] **2,688,383**
[13] C

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/12 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL SYSTEMS HAVING MULTIPLE INDEPENDENT CIRCUITS**
[54] **SYSTEMES ELECTROCHIMIQUES AYANT DE MULTIPLES CIRCUITS INDEPENDANTS**
[72] FINNERTY, CAINE, US
[72] DU, YANHAI, US
[72] CAI, JUN, US
[73] NANODYNAMICS ENERGY, INC., US
[85] 2009-11-25
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[87] (WO2008/147352)

[11] **2,688,676**
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[51] **Int.Cl. H01H 35/30 (2006.01) G06F 3/02 (2006.01) G06F 3/041 (2006.01) H01H 5/00 (2006.01) H03K 17/96 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE INCLUDING TACTILE TOUCH-SENSITIVE DISPLAY**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF COMPRENANT UN ECRAN TACTILE**
[72] MOOSAVI, VAHID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2688676)
[87] (2688676)
[22] 2009-12-15
[30] EP (09150790.5) 2009-01-16

[11] **2,689,203**
[13] C

[51] **Int.Cl. F17C 13/08 (2006.01) F17C 5/06 (2006.01) F17C 7/00 (2006.01) F17C 13/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS TO DISPENSE FLUID FROM A BANK OF CONTAINERS AND TO REFILL SAME**
[54] **APPAREIL ET PROCEDES PERMETTANT DE DISTRIBUER UN FLUIDE DEPUIS UNE BATTERIE DE CONTENANTS ET DE REMPLIR CES DERNIERS**
[72] NEUMANN, ERIC W., US
[72] LARSEN, TODD W., US
[73] TESCOM CORPORATION, US
[85] 2009-12-03
[86] 2008-06-12 (PCT/US2008/066732)
[87] (WO2008/157242)
[30] US (60/944,406) 2007-06-15
[30] US (12/136,188) 2008-06-10

[11] **2,689,206**
[13] C

[51] **Int.Cl. H02J 7/34 (2006.01)**
[25] EN
[54] **INPUT REGULATED DC TO DC CONVERTER FOR POWER SCAVENGING**
[54] **CONVERTISSEUR CONTINU-CONTINU A ENTREES REGULEES POUR BALAYAGE D'ENERGIE**
[72] SEBERGER, STEPHEN G., US
[72] WITKOP, ADAM JOSEPH, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2009-12-03
[86] 2008-06-13 (PCT/US2008/066971)
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[13] C

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[25] EN

[54] **BIDIRECTIONAL DC TO DC CONVERTER FOR POWER STORAGE CONTROL IN A POWER SCAVENGING APPLICATION**

[54] **CONVERTISSEUR CONTINU-CONTINU BIDIRECTIONNEL POUR REGULATION DU STOCKAGE D'ENERGIE DANS UNE APPLICATION DE BALAYAGE D'ENERGIE**

[72] SEBERGER, STEPHEN G., US

[73] FISHER CONTROLS INTERNATIONAL LLC, US

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[30] US (60/944,451) 2007-06-15

[11] **2,690,069**
[13] C

[51] **Int.Cl. H04L 1/16 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR INDICATING A TEMPORARY BLOCK FLOW TO WHICH A PIGGYBACKED ACK/NACK FIELD IS ADDRESSED**

[54] **PROCEDE ET APPAREIL POUR INDIQUER UN FLUX DE BLOC TEMPORAIRE AUQUEL UN CHAMP DE RECONNAISSANCE/NON-RECONNAISSANCE APPUYE EST ADRESSE**

[72] AGHILI, BEHROUZ, US

[72] DICK, STEPHEN G., US

[72] CHITRAPU, PRABHAKAR R., US

[72] RUDOLF, MARIAN, CA

[73] INTERDIGITAL TECHNOLOGY CORPORATION, US

[85] 2009-12-04

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[11] **2,690,475**
[13] C

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[25] EN

[54] **PROMOTER**

[54] **PROMOTEUR**

[72] KLEIN, CHRISTIAN, DE

[72] KOPETZKI, ERHARD, DE

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

[85] 2009-12-10

[86] 2008-06-25 (PCT/EP2008/005135)

[87] (WO2009/003622)

[30] EP (07012772.5) 2007-06-29

[11] **2,690,661**
[13] C

[51] **Int.Cl. H04R 27/00 (2006.01) H04W 4/00 (2009.01) H04W 12/08 (2009.01) H04W 84/18 (2009.01)**

[25] EN

[54] **PUBLIC ADDRESS SYSTEM USING WIRELESS MOBILE COMMUNICATION DEVICES**

[54] **SYSTEME DE SONORISATION UTILISANT DES DISPOSITIFS DE COMMUNICATION MOBILES**

[72] MOOSAVI, VAHID, CA

[72] WILSON, SEAN, CA

[72] ROSE, SCOTT, CA

[73] BLACKBERRY LIMITED, CA

[86] (2690661)

[87] (2690661)

[22] 2010-01-21

[30] EP (09153832.2) 2009-02-26

[11] **2,690,992**
[13] C

[51] **Int.Cl. E21B 49/00 (2006.01) G06F 17/10 (2006.01) G06F 19/00 (2011.01) G06T 17/20 (2006.01)**

[25] EN

[54] **METHOD FOR PREDICTING WELL RELIABILITY BY COMPUTER SIMULATION**

[54] **PROCEDE DE PREDICTION DE LA FIABILITE D'UN Puits PAR SIMULATION INFORMATIQUE**

[72] HSU, SHENG-YUAN, US

[72] SEARLES, KEVIN H., US

[72] WALLACE, JON M., US

[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[85] 2009-12-17

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[87] (WO2009/029135)

[30] US (60/966,072) 2007-08-24

[11] **2,691,033**
[13] C

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/29 (2006.01) A61P 1/16 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 14/02 (2006.01) C07K 19/00 (2006.01) C12N 15/63 (2006.01) C07K 14/025 (2006.01) C07K 14/35 (2006.01)**

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[54] **CAPSID PROTEINS AND USES THEREFORE**

[54] **PROTEINES DE CAPSIDE ET UTILISATIONS**

[72] CAO, YUNXU, CN

[73] CAO, YUNXU, CN

[73] SHANGHAI ZERUN-ANKEGENS BIOPHARMACEUTICAL CO., LTD, CN

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[86] 2008-06-18 (PCT/CN2008/071347)

[87] (WO2008/154868)

[30] US (60/944,780) 2007-06-18

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[11] **2,691,159**
[13] C

[51] **Int.Cl. C07K 16/00 (2006.01)**
[25] EN
[54] **HUMAN MONOCLONAL ANTIBODY NEUTRALIZING VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR AND USE THEREOF**

[54] **ANTICORPS MONOCLONAL HUMAIN NEUTRALISANT LE RECEPTEUR DU FACTEUR DE CROISSANCE DE L'ENDOTHELIUM VASCULAIRE ET UTILISATION**

[72] YOO, JIN SAN, KR
[72] LEE, WEON SUP, KR
[72] SHIM, SANG RYEOL, KR
[72] PARK, MI HEE, KR
[72] KANG, JEONG EUN, KR
[72] KIM, DO YUN, KR
[72] LEE, JOON CHUL, KR
[72] LEE, DONG HEON, KR
[72] CHO, TOO HYON, KR
[72] SUL, SAM SOOK, KR
[72] KWON, YOUNG GUEN, KR
[72] PYUN, BO JEONG, KR
[72] KIM, KWI HWA, KR
[72] YUN, CHAE OK, KR
[72] KIM, NAHM JU, KR
[72] JEON, JAE WON, KR
[72] LEE, DONG SUP, KR
[72] PARK, YOUNG WOO, KR
[72] RHA, GEUN BAE, KR
[72] JANG, HYUN SOOK, KR
[72] YOO, HYEON MI, KR
[72] KIM, SUNG WOO, KR
[72] KIM, SEMI, KR
[72] KOH, SANG SEOK, KR
[73] PHARMABEINE INC., KR
[85] 2009-12-11
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[30] KR (10-2007-0057719) 2007-06-13

[11] **2,691,212**
[13] C

[51] **Int.Cl. B64C 25/60 (2006.01) F16F 9/06 (2006.01)**
[25] FR
[54] **SHOCK ABSORBER FOR AIRCRAFT LANDING GEAR**

[54] **AMORTISSEUR POUR ATTERRISSEUR D'AERONEF**

[72] MASSON, RICHARD, FR
[72] PICARD, STEPHANE, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2009-12-15
[86] 2008-06-12 (PCT/FR2008/000799)
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[30] FR (07 04306) 2007-06-15

[11] **2,691,830**
[13] C

[51] **Int.Cl. C01B 33/26 (2006.01) B02C 19/06 (2006.01) B02C 23/12 (2006.01) B07B 13/04 (2006.01) C01B 33/20 (2006.01)**
[25] EN
[54] **NEPHELINE SYENITE POWDER WITH CONTROLLED PARTICLE SIZE AND NOVEL METHOD OF MAKING SAME**

[54] **POUDRE DE SYENITE NEPHELINIQUE AYANT UNE TAILLE DE PARTICULES REGULEE ET SON NOUVEAU PROCEDE DE FABRICATION**

[72] VAN REMORTEL, SCOTT, US
[72] RATCLIFF, ROBERT, US
[72] ANAZIA, IBEZIM, US
[72] SCHLESINGER, LOUIS M., US
[73] UNIMIN CORPORATION, US
[85] 2009-12-23
[86] 2008-06-27 (PCT/US2008/008005)
[87] (WO2009/008965)
[30] US (60/958,757) 2007-07-09

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[72] LIU, XILIN, CN
[72] SHENG, HUI CHUN, CN
[72] YU, YAN, CN
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[54] **MONTAGE DE VERROUILLAGE COMPRENANT UN CYLINDRE DE SERRURE ET UNE CLE APPARIEE**
[72] PIOTROWSKI, THEO, DE
[72] REINE, MICHAEL, DE
[73] C. ED. SCHULTE GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ZYLINDERSCHLOSSFABRIK, DE
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[54] **DISPOSITIF DE RECEPTION DE COURRIER ELECTRONIQUE, SERVEUR DU RESEAU, ET PROCEDE DE GESTION D'EXPIRATION D'UN COURRIER ELECTRONIQUE RECU**
[72] TANAKA, SATOSHI, JP
[73] NEC CORPORATION, JP
[85] 2010-08-31
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[54] **METHODS AND APPARATUS FOR SIGNAL MONITORING IN A WIRELESS COMMUNICATION NETWORK**
[54] **APAPREIL ET METHODES DE SURVEILLANCE DES SIGNAUX DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] ABDEL-KADER, SHERIF ALY, CA
[72] ADAMS, NEIL PATRICK, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE DE PRODUCTION D'UBIQUINONE-10**
[72] MIYAKE, KOICHIRO, JP
[72] HASHIMOTO, SHIN-ICHI, JP
[72] OZAKI, AKIO, JP
[73] KYOWA HAKKO BIO CO., LTD., JP
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[72] TIKOO, SURESH KUMAR, CA
[72] BABIUK, LORNE A., CA
[73] UNIVERSITY OF SASKATCHEWAN, CA
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[72] JONSSON, TOMAS U, SE
[73] ABB RESEARCH LTD., CH
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[54] **SYSTEM AND METHOD FOR UPLINK TIMING SYNCHRONIZATION IN CONJUNCTION WITH DISCONTINUOUS RECEPTION**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DU MINUTAGE D'UNE LIAISON MONTANTE EN CONJONCTION AVEC UNE RECEPTION DISCONTINUE**

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[73] BLACKBERRY LIMITED, CA
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[54] **APPARATUS AND METHODS FOR WIDGET UPDATE SCHEDULING**
[54] **APPAREIL ET PROCEDES DE PROGRAMMATION DE MISE A JOUR D'UN WIDGET**

[72] MANDYAM, GIRIDHAR D., US
[72] SURYANARAYANA, LALITHA B. S., US
[72] BERNARD, CHRISTOPHE G., US
[72] HUNTER, KEVIN E., US
[72] RAFFAELLI, NOAM, US
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[54] **SYSTEM AND METHOD FOR MULTIPLE PACKET DATA NETWORK CONNECTIVITY DETACHMENT**
[54] **SYSTEME ET PROCEDE DE RUPTURE DE CONNECTIVITE DE MULTIPLES RESEAUX DE DONNEES PAR PAQUETS**

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[72] WU, WEI, US
[73] BLACKBERRY LIMITED, CA
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[54] **METHOD AND LIFT CONSTRUCTION FOR LIFTING AND LOWERING A BLADE OF A WINDMILL**
[54] **PROCEDE ET CONSTRUCTION DE LEVAGE PERMETTANT DE LEVER ET D'ABAISSEUR UNE PALE D'EOLIENNE**

[72] VAN BERLO, MARTINUS MARIANUS MARIA, NL
[72] VERSTEEG, ADRIANUS GERARDUS MARIA, NL
[73] DUTCH HEAVY LIFT CONCEPTS B.V., NL
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[54] **DUAL LEAF VEHICLE SUSPENSION WITH J-SHAPED SPRING ELEMENT**
[54] **SUSPENSION DE VEHICULE DOUBLE LAME AYANT UN ELEMENT DE TYPE RESSORT EN FORME DE J**
[72] JURIGA, JAMES ANDREW, US
[73] RASSINI S.A. DE C.V., MX
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[54] **PLUG DEMOUNTING APPARATUS FOR HEAVY WATER REACTOR FUEL SYSTEM**
[54] **DISPOSITIF DE DEPOSE DU BOUCHON POUR SYSTEME DE COMBUSTIBLE DE REACTEUR A EAU LOURDE**
[72] KWON, SOON-ICK, KR
[73] KOREA PLANT SERVICE & ENGINEERING CO., LTD., KR
[86] (2723210)
[87] (2723210)
[22] 2010-12-02

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[54] **STORE A LAMES VERTICALES UNI PAR TISSAGE, ET PROCEDE DE FABRICATION CONNEXE**
[72] CHA, KI CHEOL, KR
[73] CHA, KI CHEOL, KR
[85] 2010-11-03
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[30] KR (10-2008-0043376) 2008-05-09

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[54] **LOW CARBOHYDRATE, HIGH PROTEIN, FIBER ENRICHED GELATO FORMULATION AND METHOD OF MANUFACTURE**
[54] **FORMULATION DE GELATO PAUVRE EN HYDRATES DE CARBONE, RICHE EN PROTEINES ET ENRICHI DE FIBRES, ET METHODE POUR SA PRODUCTION**
[72] CARELLA, LEONARDO, CA
[72] SALVAGGIO, PETER, CA
[72] SALVAGGIO, ENZO, CA
[72] SALVAGGIO, VITO, CA
[73] CARELLA, LEONARDO, CA
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[54] **FORMULATION ANTIPSYCHOTIQUE ATYPIQUE STABILISEE**
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[72] SHEN, ZHI-QUN, CN
[73] HANDA PHARMACEUTICALS, LLC, US
[85] 2010-11-15
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[54] **REMPLACEMENT D'INFORMATIONS D'IMAGE SUR UNE IMAGE CAPTUREE**
[72] MAREACHEN, RUSSELL D., US
[72] SUPER, BOAZ J., US
[72] CHAI, SEK M., US
[72] YU, TIANLI, US
[72] TANG, BEI, US
[73] MOTOROLA MOBILITY LLC, US
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[72] SMITH, KEVIN, US
[72] BALES, THOMAS, US
[72] DEVILLE, DEREK, US
[72] RIVERA, CARLOS, US
[72] PALMER, MATTHEW, US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **TUBE BRACKET FOR FLUID APPARATUS**

[54] **SUPPORT DE TUBE POUR APPAREIL A FLUIDE**

[72] PETERSON, THOMAS, US

[72] MCPEAK, THOMAS, US

[73] NESTEC S.A., CH

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[54] **PROCEDE DE COMMUNICATION MOBILE ET STATION MOBILE**

[72] IWAMURA, MIKIO, JP

[72] YABUKI, SHOGO, JP

[72] OBATA, KAZUNORI, JP

[73] NTT DOCOMO, INC., JP

[85] 2010-11-02

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[54] **INSTRUMENT DE SOIN BUCCAL AVEC SYSTEME DE CAVITATION**

[72] KEMP, JAMES HERBERT, US

[72] WILLIAMS, MALCOLM, US

[73] COLGATE-PALMOLIVE COMPANY, US

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[54] **ARTICLE DE SOINS BUCCO-DENTAIRES COMPRENANT UN ELEMENT PERSONNALISABLE**

[72] GATZEMEYER, JOHN J., US

[72] JIMENEZ, EDUARDO J., US

[73] COLGATE-PALMOLIVE COMPANY, US

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[54] **PROCEDE DE PRESTATION DE SERVICE ET RECEPTEUR DE DIFFUSION MOBILE**

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[72] SUH, JONG YEUL, KR

[72] LEE, CHUL SOO, KR

[72] THOMAS, GOMER, US

[72] KIM, JIN PIL, KR

[72] HONG, HO TAEK, KR

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[54] **BROADBAND ANTENNA WITH MULTIPLE ASSOCIATED PATCHES AND COPLANAR GROUNDING FOR RFID APPLICATIONS**

[54] **ANTENNE A LARGE BANDE AVEC MULTIPLES PLAQUES ASSOCIEES ET MISE A LA TERRE COPLANAIRE POUR APPLICATIONS RFID**

[72] CAMPERO, RICHARD JOHN, US

[72] JIANG, BING, US

[72] TRIVELPIECE, STEVE EDWARD, US

[73] TYCO FIRE & SECURITY GMBH, CH

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[54] **DUAL-FEED PORT DUAL BAND ANTENNA ASSEMBLY AND ASSOCIATED METHOD**

[54] **ANTENNE DOUBLE BANDE A DEUX LIGNES D'ALIMENTATION ET PROCEDE CONNEXE**

[72] WANG, DONG, CA

[72] RAO, QINJIANG, CA

[73] BLACKBERRY LIMITED, CA

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- [54] **ENSEMBLE TOURNANT AVEC ATTACHE DE TETE D'ENTRAINEMENT DE TOURNANT**
- [72] HAINES, BRADFORD, US
- [72] HOWARD, BRIAN WAYNE, US
- [72] NELSON, MICHAEL P., US
- [72] JUREWICZ, JAN, AU
- [73] FLOWSERVE MANAGEMENT COMPANY, US
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- [73] COLGATE-PALMOLIVE COMPANY, US
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- [72] FORD, COLIN P., US
- [73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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- [72] FIELD, MORRIS JOHN, GB
- [72] CAPITANI, STEFANO, IT
- [72] CHRYSANTHIDIS, CHRISTOFOROS, IT
- [73] CRYOVAC, INC., US
- [85] 2010-12-16
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- [25] EN
- [54] **METHOD AND DEVICE FOR OPERATING A STEAM POWER STATION COMPRISING A STEAM TURBINE AND A PROCESS STEAM CONSUMER**
- [54] **PROCEDE ET DISPOSITIF POUR FAIRE FONCTIONNER UNE CENTRALE A VAPEUR COMPORTANT UNE TURBINE A VAPEUR ET UN RECEPTEUR A VAPEUR DE PROCESSUS**
- [72] BEUL, ULRICH, DE
- [72] GLOS, STEFAN, DE
- [72] HEUE, MATTHIAS, DE
- [72] HOFBAUER, THOMAS, DE
- [72] HOFFACKER, RALF, DE
- [72] LUECKEMEYER, NILS, DE
- [72] PIEPER, NORBERT, DE
- [72] SIEVERT, ROLAND, DE
- [73] SIEMENS AKTIENGESELLSCHAFT, DE

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- [54] **ENSEMBLE PASSEUR DE SUTURE**
- [72] WYMAN, JEFFREY, US
- [72] YEARSLEY, RYAN E., US
- [72] BORCHERT, JEREMY DIRK, US
- [72] SINNOTT, MARGARET MARY, US
- [73] HOWMEDICA OSTEONICS CORP., US
- [86] (2728905)
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[11] **2,732,885**

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- [54] **APPAREIL DE PLAN DE COMMANDE CENTRALISE POUR INFRASTRUCTURE VIRTUELLE**
- [72] SMITH, MICHAEL R., US
- [72] RAJENDRAN, SARAVANAKUMAR, US
- [72] FAZZONE, PAUL ANTHONY, US
- [72] VELAGA, SHRIRAM, US
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- [73] CISCO TECHNOLOGY, INC., US
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[72] WARDEN, JAMES PAUL, US
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[54] **DISPOSITIF DE COMMUNICATIONS SANS FIL MOBILE CONCU POUR STOCKER LES RESULTATS DE RECHERCHE DE COURRIEL ET PROCEDES CONNEXES**

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[54] **DISPOSITIF ET METHODE DE COMMUNICATION POUR LA MISE A JOUR COHERENTE DE LISTES DE MESSAGES GROUPES**

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[54] **APPAREIL POOUR DECOMPOSITION DE BIOMASSE ET METHODE CONNEXE, SYSTEME DE PRODUCTION DE SOLUTION DE SUCRE AU MOYEN DE CETTE BIOMASSE**

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CHARGE MATERIAL IN A TILT
ROTARY FURNACE**
[54] **AJUSTEMENT SELECTIF D'UN
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[72] HE, XIAOYI, US
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[54] **PROCEDES DE PRODUCTION ET D'UTILISATION DE PARTICULES PREDURCIES PAR SECHAGE SOUS UV/EB DESTINEES A ETRE UTILISEES EN TANT QU'AGENTS DE SOUTENEMENT**
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[54] **GENERATEUR DE VAPEUR**
[72] HE, SHUYAN, CN
[72] JU, HUAIMING, CN
[72] WU, XINXIN, CN
[72] LUO, XIAOWEI, CN
[72] ZHANG, ZHENGMIN, CN
[72] WU, ZONGXIN, CN
[72] ZHANG, ZUOYI, CN
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF BENDAMUSTINE ALKYL ESTER, BENDAMUSTINE, AND DERIVATIVES THEREOF**
[54] **PROCEDE DE PRODUCTION D'ESTER ALKYLIQUE DE BENDAMUSTINE, DE BENDAMUSTINE ET DE DERIVES DE CEUX-CI**
[72] GROH, KAI, DE
[72] RAUTER, HOLGER, DE
[72] BORN, DIRK, DE
[73] HERAEUS PRECIOUS METALS GMBH & CO. KG, DE
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[54] **ABSORBENT ARTICLES COMPRISING AN ODOUR CONTROL SYSTEM**

[54] **ARTICLES ABSORBANTS COMPRENANT UN SYSTEME DE SUPPRESSION DES ODEURS**

[72] CAPUTI, MARIANGELA, IT
[72] D'ERCOLE, LUIGIA, IT
[72] BELLUCCI, REMO, IT
[72] D'ALESIO, NICOLA, IT
[72] MARCUCCITTI, JESSICA, IT
[72] TORDONE, ADELIA ALESSANDRA, IT

[73] THE PROCTER & GAMBLE COMPANY, US

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[54] **MULTI-POSITION CONNECTOR**

[54] **CONNECTEUR MULTIPOSITION**

[72] MYER, JOHN MARK, US
[72] HALL, JOHN WESLEY, US
[72] MOLL, HURLEY CHESTER, US
[73] TYCO ELECTRONICS CORPORATION, US

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[54] **PROCESS FOR PURIFYING CHLOROSILANES BY DISTILLATION**

[54] **METHODE DE DISTILLATION POUR PURIFIER DES CHLOROSILANES**

[72] PAETZOLD, UWE, DE
[72] HAECKL, WALTER, DE
[73] WACKER CHEMIE AG, DE

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[87] (2764171)
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[11] **2,764,297**
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[54] **PRESENTATION TOOL FOR DISPLAY OF AESTHETIC QUALITIES**

[54] **OUTIL DE PRESENTATION POUR LA MISE EN VEDETTE DE QUALITES ESTHETIQUES**

[72] WOOD, TODD A., CA
[72] HOFER, JOSEPH M., CA
[72] HERMANN, FREDRIK, SE
[73] BLACKBERRY LIMITED, CA

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[54] **COMPRESSOR FREEZE UP PREVENTION IN COLD WEATHER**

[54] **PREVENTION DU BLOCAGE PAR CONGELATION D'UN COMPRESSEUR PAR TEMPS FROID**

[72] RENNER, ROSS, US
[73] ILLINOIS TOOL WORKS INC., US

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[54] **METHOD FOR MAKING FANCY ORANGE COLOURED SINGLE CRYSTAL CVD DIAMOND AND PRODUCT OBTAINED**

[54] **PROCEDE DE FABRICATION D'UN DIAMANT CVD MONOCRISTALLIN DE COULEUR FANTAISIE ORANGE, ET PRODUIT OBTENU**

[72] GEOGHEGAN, SARAH LOUISE, GB
[72] PERKINS, NEIL, GB
[72] TWITCHEN, DANIEL JAMES, GB
[73] ELEMENT SIX LIMITED, IM

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[54] **AGGREGATE FOR CONCRETE AND CONSTRUCTION**

[54] **AGREGAT POUR BETON ET CONSTRUCTION**

[72] KAYALI, OBADA, AU
[72] SHAW, KARL JOHN, AU
[73] NEWSOUTH INNOVATIONS PTY LIMITED, AU

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[54] **CARRIER FOR A BOX**
[54] **SUPPORT POUR UNE BOITE**
[72] YUEN, WAI-LUN, US
[73] GLOPACK, INC., US
[85] 2012-01-16
[86] 2010-03-25 (PCT/US2010/000900)
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[54] **REMOVAL OF SULFUR COMPOUNDS FROM A GAS STREAM**
[54] **ELIMINATION DES COMPOSES DE SOUFRE DANS UN FLUX GAZEUX**
[72] AYASSE, CONRAD, CA
[72] SHAHIN, AHMED M., CA
[72] AYASSE, ALAN, CA
[73] ARCHON TECHNOLOGIES LTD., CA
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[13] C
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 1/14 (2006.01) B64C 3/24 (2006.01)**
[25] EN
[54] **COMPOSITE-MATERIAL STRUCTURE AND AIRCRAFT MAIN WING AND AIRCRAFT FUSELAGE PROVIDED WITH THE SAME**
[54] **STRUCTURE EN MATERIAU COMPOSITE, AINSI QU'AILE ET FUSELAGE D'AERONEF COMPORTANT CETTE STRUCTURE**
[72] YOSHIDA, SHINICHI, JP
[72] TANAKA, HIDEAKI, JP
[72] TANAKA, YUYA, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **IDENTIFICATION AND RE-TRANSMISSION OF MISSING PARTS**
[54] **IDENTIFICATION ET RETRANSMISSION DE PARTIES TRONQUEES**
[72] WALSH, ROD, FI
[72] MEHTA, HARSH, FI
[72] CURCIO, IGOR, FI
[72] PAILA, TONI, FI
[73] CORE WIRELESS LICENSING S.A.R.L., LU
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[54] **ANCRE DE SURFACE PORTATIVE AVEC DENTS DEPLOYABLES**
[72] GRIFFITHS, SCOTT EUGENE, US
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[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/00 (2006.01)**
[25] EN
[54] **RADIATION-INDUCED TRIGGERING FOR SET-ON-COMMAND COMPOSITIONS AND METHODS OF USE**
[54] **DECLENCHEMENT INDUIT PAR RAYONNEMENT POUR COMPOSITIONS A DURCISSEMENT SUR COMMANDE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] LEWIS, SAMUEL J., US
[72] DAVIS, JAMES LYNN, US
[72] GUPTA, VIJAY, US
[72] OSTRAAT, MICHELE, US
[72] MYERS, DAVID F., US
[72] LAMVIK, MIKE, US
[72] DUMMER, ANDREW K., US
[72] RAO, VIKRAM, US
[72] ROBERTS, LAWRENCE R., US
[72] BADALAMENTI, ANTHONY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. F01L 13/08 (2006.01)**
[25] EN
[54] **VALVE OPERATING SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **ENGRENAGE DE COMMANDE DE SOUPEPE DE MOTEUR A COMBUSTION INTERNE**
[72] KASHIMA, SOJI, JP
[73] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **WINDMILL CONVEYANCE SYSTEM AND METHOD FOR USING SAME**
[54] **SYSTEME ET PROCEDE DE TRANSPORT D'EOLIENNE ET METHODES D'UTILISATION LIEES A L'APPLICATION CONNEXE**
[72] SPRINGETT, FRANK BENJAMIN, US
[72] BENNETT, DEAN ALLEN, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2012-02-24
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[13] C

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[25] EN
[54] **BITUMEN FROTH STORAGE AND SEPARATION USING AN IMPROVED FROTH TANK**
[54] **STOCKAGE ET SEPARATION DE LA MOUSSE DE BITUME AU MOYEN D'UN RESERVOIR AMELIORE**
[72] YUAN, SIMON, CA
[72] LORENTZ, JIM, CA
[72] VANDENBERGHE, JESSICA, CA
[73] SYNCRUDE CANADA LTD., CA
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[54] **IMPROVED LIQUID HANDLING FOR FILTRATION AND PREPARATIVE CHROMATOGRAPHY**
[54] **TRAITEMENT AMELIORE DES LIQUIDES AUX FINS DE FILTRAGE ET DE CHROMATOGRAPHIE PREPARATIVE**
[72] SCHICK, KARL G., US
[73] PARKER-HANNIFIN CORPORATION, US
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[25] FR
[54] **PASSAGE FROM A NON SYNCHRONIZED STATE TO A SYNCHRONIZED STATE BETWEEN AN ENGINE AND A ROTOR**
[54] **PASSAGE D'UN ETAT DE NON SYNCHRONISATION A UN ETAT DE SYNCHRONISATION ENTRE UN MOTEUR ET UN ROTOR**
[72] ROSSOTTO, REGIS, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2774159)
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[30] FR (11 01327) 2011-04-29

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[13] C

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[54] **APPARATUS AND METHOD FOR CRYSTALLIZATION OF SILICON**
[54] **APPAREIL ET PROCEDE PERMETTANT UNE CRISTALLISATION DU SILICIUM**
[72] ERIKSSON, JAN-ERIK, SE
[72] HJORTSTAM, OLOF, SE
[72] SAND, ULF, SE
[73] ABB AB, SE
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[25] EN
[54] **METHOD FOR REMOVAL OF CARBON DIOXIDE FROM A PROCESS GAS**
[54] **PROCEDE D'ELIMINATION DU DIOXYDE DE CARBONE PRESENT DANS UN GAZ DE PROCEDE**
[72] PETIG, ARLYN VERN, US
[72] KOZAK, FREDERIC ZENON, US
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2012-03-14
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[13] C

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[54] **PROCESS FOR THE PREPARATION OF SORAFENIB TOSYLATE**
[54] **PROCEDE DE PREPARATION DE TOSYLATE DE SORAFENIB**
[72] JARYAL, JAGDEV SINGH, IN
[72] SATHYANARAYANA, SWARGAM, IN
[72] THAPER, RAJESH KUMAR, IN
[72] PRASAD, MOHAN, IN
[73] RANBAXY LABORATORIES LIMITED, IN
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[30] IN (2007/DEL/2009) 2009-09-24

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[13] C

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[54] **A DISHWASHER COMPRISING A MICROFILTER**
[54] **LAVE-VAISSELLE COMPRENANT UN MICRO-FILTRE**
[72] KOKBIYIK, ISMAIL, TR
[72] ATABEY, ORHAN, TR
[73] ARCELIK ANONIM SIRKETI, TR
[85] 2012-03-28
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[13] C

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[25] EN
[54] **NEEDLE-BASED MEDICAL DEVICE INCLUDING NEEDLE GUIDE AND METHOD FOR CONSTRUCTING**
[54] **DISPOSITIF MEDICAL A AIGUILLE COMPRENANT UN GUIDE D'AIGUILLE, PROCEDE DE CONSTRUCTION CORRESPONDANT**
[72] ERSKINE, TIMOTHY J., US
[73] ERSKINE MEDICAL LLC, US
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[30] US (11/536,236) 2006-09-28

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[51] **Int.Cl. E02D 13/04 (2006.01) E02D 7/28 (2006.01) E02D 27/52 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN UNDERWATER FOUNDATION ELEMENT, ADJUSTMENT HEAD FOR AN UNDERWATER FOUNDATION ELEMENT AND UNDERWATER WORKING ARRANGEMENT**
[54] **METHODE DE PRODUCTION D'UN ELEMENT DE FONDATION SOUS L'EAU, TETE DE REGLAGE POUR ELEMENT DE FONDATION SOUS L'EAU ET MODE DE FONCTIONNEMENT SOUS L'EAU**
[72] PAULUS, SIMON, DE
[72] SCHWANZ, CHRISTOPH, DE
[72] WIEDENMANN, ULLI, DE
[73] BAUER SPEZIALTIEFBAU GMBH, DE
[86] (2776569)
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[13] C

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[25] EN
[54] **MEDICAL ULTRASOUND INSTRUMENT WITH ARTICULATED JAWS**
[54] **INSTRUMENT MEDICAL A ULTRASON MUNI DE MACHOIRES ARTICULEES**
[72] BALANEV, ANDREY, RU
[72] MARTSINOVSKIY, GEORGY, RU
[72] MISUCHENKO, IGORIS, RU
[72] RUIN, ALEXEY, RU
[72] VASIL'EV, VLADIMIR, RU
[73] TYCO HEALTHCARE GROUP, LP, US
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[22] 2012-05-15
[30] US (13/108,117) 2011-05-16

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[13] C

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[25] EN
[54] **CARTON WITH PLASTIC RECLOSABLE HEADER**
[54] **CARTON POURVU D'UNE ETIQUETTE FERMOIR REFERMABLE EN PLASTIQUE**
[72] HOWELL, CLIFTON, US
[72] WALLACE, DAVID, US
[72] MCCRACKEN, KENNY, US
[72] HOGAN, ROBERT, US
[72] OWEN, KEVIN, US
[72] OLECHOWSKI, STEVEN, US
[72] PLOURDE, ERIC, US
[72] ANZINI, DAVID, US
[72] AUSNIT, STEVEN, US
[72] KOENIGKRAMER, RUSTY, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **TRANSFORMABLE CHAIR EQUIPPED WITH A MOVABLE DECK**
[54] **CHAISE TRANSFORMABLE POURVUE D'UNE PLATE-FORME MOBILE**
[72] LIU, LAUSAN CHUNG-HSIN, CN
[72] LIU, SHOPO HSIN TSU, CN
[72] LIU, FIBRO TSU KUN, CN
[73] KEYSHEEN INDUSTRY (SHANGHAI) CO., LTD., CN
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[54] **MANCHON MOBILE A ORIFICES DE FOND DE TROU**
[72] LACUSTA, GREGG, CA
[72] KRAWIEC, PETER STEVEN DAVID, CA
[73] OIL REBEL INNOVATIONS LTD., CA
[86] (2778731)
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[54] **PROPORTIONAL LENGTH FOOD SLICING SYSTEM**
[54] **TRANCHEUSE D'ALIMENTS A LONGUEUR PROPORTIONNELLE**
[72] JULIAN, JOHN C., US
[72] BROCKMAN, GARY R., US
[72] WETHERBEE, TRENT R., US
[73] CONAGRA FOODS LAMB WESTON, INC., US
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[13] C

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[25] EN
[54] **MULTIPURPOSE HOOK**
[54] **CROCHET POLYVALENT**
[72] MYERS, RONALD W., US
[72] BARLOW, JOHN, JR., US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-04-26
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[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR MAINTAINING A UNIFORM TEMPERATURE IN A REFRIGERATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR MAINTIEN D'UNE TEMPERATURE UNIFORME DANS UN SYSTEME DE REFRIGERATION**
[72] OSWALD, IAN, US
[72] LU, QIAO, US
[73] B/E AEROSPACE, INC., US
[85] 2012-05-11
[86] 2010-10-28 (PCT/US2010/054386)
[87] (WO2011/059717)
[30] US (12/617,950) 2009-11-13

[11] **2,781,564**
[13] C

- [51] **Int.Cl. C02F 1/28 (2006.01) B01D 15/00 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **RE-USE OF SURFACTANT-CONTAINING FLUIDS**
[54] **REUTILISATION DES FLUIDES CONTENANT DES TENSIOACTIFS**
[72] CREWS, JAMES B., US
[72] HUANG, TIANPING, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-05-22
[86] 2010-12-21 (PCT/US2010/061469)
[87] (WO2011/084776)
[30] US (61/288,761) 2009-12-21
[30] US (12/971,557) 2010-12-17

[11] **2,782,196**
[13] C

- [51] **Int.Cl. F23R 3/14 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **BURNER FOR A TURBINE**
[54] **BRULEUR POUR UNE TURBINE**
[72] REISS, FRANK, DE
[72] ORTH, ULRICH, DE
[72] HUITENGA, HOLGER, DE
[73] MAN DIESEL & TURBO SE, DE
[85] 2012-05-29
[86] 2010-09-28 (PCT/DE2010/050074)
[87] (WO2011/072665)
[30] DE (10 2009 054 669.3) 2009-12-15

[11] **2,782,602**
[13] C

- [51] **Int.Cl. E21B 43/22 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FORMATION CONDITIONING FLUIDS COMPRISING PEROXIDE AND CONDITIONING AGENT AND METHODS RELATING THERETO**
[54] **FLUIDES DE CONDITIONNEMENT D'UNE FORMATION COMPRENANT UN PEROXYDE ET UN AGENT DE CONDITIONNEMENT ET PROCEDES ASSOCIES**
[72] NGUYEN, PHILIP D., US
[72] DUSTERHOFT, RONALD G., US
[72] DESAI, BHADRA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-05-31
[86] 2011-01-18 (PCT/US2011/021579)
[87] (WO2011/075750)

[11] **2,782,785**
[13] C

- [51] **Int.Cl. B32B 3/12 (2006.01) B32B 27/12 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF HOLLOW BODY PRODUCT**
[54] **PROCEDE POUR PRODUIRE UN PRODUIT CREUX**
[72] FUKUOKA, TERUKUNI, JP
[72] HOSODA, KEIICHI, JP
[73] NIPPI CORPORATION, JP
[85] 2012-06-04
[86] 2009-12-08 (PCT/JP2009/070538)
[87] (WO2011/070649)

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[11] **2,783,552**
[13] C

[51] **Int.Cl. C07D 249/08 (2006.01) A01N 43/50 (2006.01) A01N 43/653 (2006.01) C07C 69/757 (2006.01) C07D 233/60 (2006.01) C07D 405/06 (2006.01)**

[25] EN

[54] **AZOLE DERIVATIVES, METHODS FOR PRODUCING THE SAME, INTERMEDIATE THEREOF, AGRO-HORTICULTURAL AGENTS**

[54] **DERIVES D'AZOLE, LEURS PROCEDES DE PRODUCTION, LEUR INTERMEDIAIRE, AGENTS A USAGE AGRICOLE ET HORTICOLE**

[72] ARAKI, NOBUYUKI, JP
[72] YAMAZAKI, TORU, JP
[72] KUSANO, NOBUYUKI, JP
[72] IMAI, EIYU, JP
[72] KANNO, HISASHI, JP
[72] MORI, MASARU, JP
[72] MIYAKE, TAJI, JP
[73] KUREHA CORPORATION, JP
[85] 2012-06-07
[86] 2010-12-07 (PCT/JP2010/007118)
[87] (WO2011/070771)
[30] JP (2009-278593) 2009-12-08

[11] **2,784,655**
[13] C

[51] **Int.Cl. H04L 9/12 (2006.01) H04L 9/18 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF INCREASING ENCRYPTION SYNCHRONIZATION AVAILABILITY**

[54] **SYSTEME ET PROCEDE POUR AUGMENTER LA DISPONIBILITE DE SYNCHRONISATION DE CRYPTAGE**

[72] NEWBERG, DONALD G., US
[72] AHUJA, RAMANDEEP, US
[72] ANTONELLI, MICHELLE M., US
[72] BISHOP, GREGORY D., US
[72] DROZT, PETER M., US
[72] KORUS, MICHAEL F., US
[72] THOMAS, PETER E., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2012-06-15
[86] 2010-12-03 (PCT/US2010/058858)
[87] (WO2011/087617)
[30] US (12/645,804) 2009-12-23

[11] **2,784,938**
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) B01L 3/14 (2006.01)**

[25] EN

[54] **CONTAINER HAVING GAS SCRUBBER INSERT FOR AUTOMATED CLINICAL ANALYZER**

[54] **CONTENEUR AYANT UN INSERT D'EPURATEUR DE GAZ POUR ANALYSEUR CLINIQUE AUTOMATISE**

[72] FRITCHIE, PATRICK P., US
[72] GARDNER, GREGORY E., US
[73] ABBOTT LABORATORIES, US
[85] 2012-06-19
[86] 2010-12-10 (PCT/US2010/059902)
[87] (WO2011/084360)
[30] US (12/643,250) 2009-12-21

[11] **2,786,674**
[13] C

[51] **Int.Cl. A47B 91/06 (2006.01) A47B 91/12 (2006.01)**

[25] EN

[54] **FURNITURE LEG GLIDE**

[54] **PATIN DE PIED DE MEUBLE**

[72] DESMARAIS, PIERRE, CA
[73] DESMARAIS, PIERRE, CA
[86] (2786674)
[87] (2786674)
[22] 2004-08-24
[62] 2,477,759
[30] US (60/481,607) 2003-11-06

[11] **2,786,795**
[13] C

[51] **Int.Cl. E04C 2/30 (2006.01)**

[25] EN

[54] **PANEL**

[54] **PANNEAU**

[72] SHIMIZU, NOBUTAKA, JP
[72] HANYA, KOJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2012-07-11
[86] 2011-01-13 (PCT/JP2011/050423)
[87] (WO2011/087047)
[30] JP (2010-004858) 2010-01-13

[11] **2,787,278**
[13] C

[51] **Int.Cl. C21C 5/28 (2006.01)**

[25] EN

[54] **METHOD FOR FOAMED SLAG GENERATION OF A NON-CORROSIVE MELT IN A CONVERTER**

[54] **PROCEDE DE PRODUCTION DE LAITIER MOUSSEUX D'UNE CHARGE FONDUE INOXYDABLE DANS UN CONVERTISSEUR**

[72] REICHEL, JOHANN, DE
[72] ROSE, LUTZ, DE
[73] SMS SIEMAG AG, DE
[85] 2012-07-17
[86] 2011-01-05 (PCT/EP2011/050079)
[87] (WO2011/089027)
[30] DE (10 2010 004 983.2) 2010-01-19

[11] **2,788,205**
[13] C

[51] **Int.Cl. C09J 5/06 (2006.01) B64C 1/12 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR OUT-OF-AUTOCLAVE ADHESIVE SHEAR BONDING OF STRUCTURES**

[54] **METHODE ET APPAREIL DE LIAISON ADHESIVE DE STRUCTURES PAR CISAILLEMENT HORS AUTOCLAVE**

[72] OLDROYD, PAUL, US
[72] HETHCOCK, JAMES DONN, US
[72] FEWS, ROBERT CLIVE, CA
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2788205)
[87] (2788205)
[22] 2012-08-29
[30] US (13/272,393) 2011-10-13

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[11] **2,790,114**
[13] C

[51] **Int.Cl. B09C 1/10 (2006.01) B01J 20/02 (2006.01) B09C 1/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR REMOVING HYDROCARBONS AND HALOGENATED HYDROCARBONS FROM CONTAMINATED ENVIRONMENTS**
[54] **COMPOSITIONS DESTINEES A ELIMINER DES HYDROCARBURES ET DES HYDROCARBURES HALOGENES DANS DES ENVIRONNEMENTS CONTAMINES**
[72] NOLAND, SCOTT, US
[72] ELLIOTT, BOB, US
[73] REMEDIATION PRODUCTS, INC., US
[86] (2790114)
[87] (2790114)
[22] 2003-06-30
[62] 2,492,116
[30] US (10/194,946) 2002-07-12

[11] **2,792,567**
[13] C

[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **CLEAN FLUID SYSTEMS FOR PARTIAL MONOLAYER FRACTURING**
[54] **SYSTEMES A FLUIDE PROPRE POUR LA FRACTURATION PARTIELLE D'UNE MONOCOUCHE**
[72] FLEMING, JEFF T., US
[72] PAULS, RICHARD W., US
[72] WELTON, THOMAS D., US
[72] MCMECHAN, DAVID EUGENE, US
[72] TODD, BRADLEY L., US
[72] BRYANT, JASON E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2792567)
[87] (2792567)
[22] 2009-04-06
[62] 2,720,783
[30] US (12/101,099) 2008-04-10

[11] **2,792,742**
[13] C

[51] **Int.Cl. G21G 1/06 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING RADIONUCLIDES**
[54] **PROCEDE DE PRODUCTION DE RADIONUCLEIDES**
[72] JANSEN, DAVID RANDALL, ZA
[72] KRIJGER, GEERT CORNELIS, NL
[72] KOLAR, ZVONIMIR IVICA, NL
[72] ZEEVAART, JAN RIJN, ZA
[73] THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED, ZA
[73] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2012-09-10
[86] 2011-03-10 (PCT/IB2011/050998)
[87] (WO2011/111010)
[30] ZA (2010/01726) 2010-03-10

[11] **2,794,869**
[13] C

[51] **Int.Cl. B65D 71/12 (2006.01) B65D 5/44 (2006.01) B65D 5/46 (2006.01) B65D 71/28 (2006.01)**
[25] EN
[54] **CARTON WITH INSERT**
[54] **CARTON AVEC INSERT**
[72] SPIVEY, RAYMOND R., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2012-09-27
[86] 2011-05-25 (PCT/US2011/037872)
[87] (WO2011/150036)
[30] US (61/396,269) 2010-05-25

[11] **2,797,317**
[13] C

[51] **Int.Cl. B60R 7/04 (2006.01) B60R 7/06 (2006.01)**
[25] EN
[54] **STORAGE DEVICE FOR VEHICLE**
[54] **DISPOSITIF D'ENTREPOSAGE POUR VEHICULE**
[72] SAKAI, YOSHIHIRO, JP
[72] SAITOH, YUJI, JP
[72] OKUNO, JUNPEI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2797317)
[87] (2797317)
[22] 2012-11-29
[30] JP (2011-263602) 2011-12-01
[30] JP (2012-096617) 2012-04-20

[11] **2,798,536**
[13] C

[51] **Int.Cl. C07C 2/00 (2006.01) C07C 4/02 (2006.01)**
[25] EN
[54] **ADIABATIC REACTOR TO PRODUCE OLEFINS**
[54] **REACTEUR ADIABATIQUE POUR LA PRODUCTION D'OLEFINES**
[72] SUNDARAM, KANDASAMY MEENAKSHI, US
[73] LUMMUS TECHNOLOGY INC., US
[86] (2798536)
[87] (2798536)
[22] 2010-01-21
[62] 2,748,051
[30] US (12/359,931) 2009-01-26

[11] **2,802,963**
[13] C

[51] **Int.Cl. B26B 19/04 (2006.01) A01D 75/00 (2006.01) B26B 29/02 (2006.01) B26B 29/04 (2006.01)**
[25] EN
[54] **POINTED SICKLE BLADE FOR USE IN A SICKLE CUTTER SYSTEM WITH INCREASED GROUND SPEED**
[54] **LAME DE FAUCILLE POINTUE POUR UTILISATION DANS UN SYSTEME DE COUPE A FAUCILLE A VITESSE D'AVANCEMENT ACCRUE**
[72] TALBOT, FRANCOIS R., CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2802963)
[87] (2802963)
[22] 2013-01-17
[30] US (61587843) 2012-01-18
[30] US (61664345) 2012-06-26
[30] US (61677169) 2012-07-30
[30] US (61677177) 2012-07-30

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[11] **2,803,858**
[13] C

[51] **Int.Cl. B64C 27/82 (2006.01) B64C 27/78 (2006.01) B64D 27/24 (2006.01) B64D 35/02 (2006.01)**

[25] FR

[54] **ROTARY-WING AIRCRAFT EQUIPPED WITH A REAR ROTOR AND PROCESS TO OPTIMISE THE OPERATION OF A REAR ROTOR**

[54] **AERONEF A VOILURE TOURNANTE MUNI D'UN ROTOR ARRIERE, ET PROCEDE POUR OPTIMISER LE FONCTIONNEMENT D'UN ROTOR ARRIERE**

[72] DYRLA, NADINE, FR

[73] AIRBUS HELICOPTERS, FR

[86] (2803858)

[87] (2803858)

[22] 2013-01-24

[30] FR (12 00502) 2012-02-21

[11] **2,806,289**
[13] C

[51] **Int.Cl. C21B 3/06 (2006.01) B28B 1/52 (2006.01) C03B 18/00 (2006.01) C04B 5/00 (2006.01) C04B 35/653 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING PLATE INORGANIC NONMETAL MATERIAL USING MOLTEN SLAG**

[54] **PROCEDE DE FABRICATION D'UN MATERIAU NON METALLIQUE INORGANIQUE DE TYPE PASTILLE A L'AIDE D'UN LAITIER FONDU**

[72] WANG, QINGTAO, CN

[72] YU, XIANJIN, CN

[72] ZHAO, XIN, CN

[72] GONG, BENKUI, CN

[72] WEI, ZHENXIA, CN

[72] LI, YUEYUN, CN

[72] MING, JUN, CN

[73] SHANDONG COKING GROUP CO., LTD., CN

[85] 2013-01-22

[86] 2011-09-20 (PCT/CN2011/079895)

[87] (WO2012/041173)

[30] CN (201010293061.3) 2010-09-27

[11] **2,806,767**
[13] C

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/216 (2006.01)**

[25] EN

[54] **PATCH AND METHOD FOR PRODUCING THE SAME**

[54] **TIMBRE TRANSDERMIQUE ET METHODE DE FABRICATION**

[72] HIGO, NARUHITO, JP

[72] TATEISHI, TETSUROU, JP

[72] TERAHARA, TAKAAKI, JP

[72] AIDA, KAZUNOSUKE, JP

[72] HAYASHI, SHIGEKI, JP

[72] TSUTSUMI, NOBUO, JP

[73] HISAMITSU PHARMACEUTICAL CO., INC., JP

[86] (2806767)

[87] (2806767)

[22] 2013-02-21

[30] JP (2012-267026) 2012-12-06

[11] **2,807,832**
[13] C

[51] **Int.Cl. H04W 16/20 (2009.01) H04W 4/00 (2009.01)**

[25] EN

[54] **MOBILE COMMUNICATION UNIT FOR ZONE-BASED SERVICE**

[54] **DISPOSITIF PERMETTANT DE DEFINIR UNE ZONE DE SERVICE DANS UN RESEAU DE COMMUNICATION MOBILE, PROCEDE ET SYSTEME DESTINES A FOURNIR UN SERVICE PAR ZONES A L'AIDE DUDIT DISPOSITIF, ET UNITE DE COMMUNICATION MOBILE**

[72] CHO, YUL-JEA, KR

[72] KIM, JONG-DEUG, KR

[72] KIM, HYUNG-MOK, KR

[73] LG UPLUS CORP., KR

[86] (2807832)

[87] (2807832)

[22] 2006-03-22

[62] 2,585,718

[30] KR (10-2005-0023862) 2005-03-22

[30] KR (10-2005-0081514) 2005-09-02

[30] KR (10-2005-0081513) 2005-09-02

[30] KR (10-2005-0081516) 2005-09-02

[30] KR (10-2005-0081512) 2005-09-02

[11] **2,809,519**
[13] C

[51] **Int.Cl. C12P 19/14 (2006.01) B09B 3/00 (2006.01)**

[25] EN

[54] **METHOD FOR ENZYMATIC SACCHARIFICATION TREATMENT OF LIGNOCELLULOSE-CONTAINING BIOMASS, AND METHOD FOR PRODUCING ETHANOL FROM LIGNOCELLULOSE-CONTAINING BIOMASS**

[54] **PROCEDE DE SACCHARIFICATION ENZYMATIQUE DE BIOMASSE LIGNOCELLULOSIQUE ET PROCEDE DE FABRICATION D'ETHANOL A PARTIR DE BIOMASSE LIGNOCELLULOSIQUE**

[72] ISHIKAWA, KOTARO, JP

[72] FURUJYO, ATSUSHI, JP

[72] CHAO, YAPING, JP

[72] TOKUNO, HISAKO, JP

[72] SUGIURA, JUN, JP

[72] MATSUMURA, MOTOHIRO, JP

[73] OJI HOLDINGS CORPORATION, JP

[85] 2013-02-26

[86] 2011-08-31 (PCT/JP2011/069743)

[87] (WO2012/029842)

[30] JP (2010-193310) 2010-08-31

[30] JP (2010-254441) 2010-11-15

[30] JP (2010-274235) 2010-12-09

[30] JP (2011-075772) 2011-03-30

[30] JP (2011-107820) 2011-05-13

[30] JP (2011-123976) 2011-06-02

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[13] C

[51] **Int.Cl. C22B 1/06 (2006.01) C22B 3/12 (2006.01) C22B 3/44 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR REDUCED ALKALI CONSUMPTION IN THE RECOVERY OF SILVER**
[54] **PROCEDE POUR UNE CONSOMMATION REDUITE D'ALCALI DANS LA RECUPERATION DE L'ARGENT**
[72] CHOI, YEONUK, CA
[72] KONDOS, PETER D., CA
[72] MCMULLEN, JACQUES, CA
[73] BARRICK GOLD CORPORATION, CA
[86] (2809742)
[87] (2809742)
[22] 2007-06-14
[62] 2,654,818
[30] US (60/814,274) 2006-06-15
[30] US (11/761,103) 2007-06-11

[11] **2,812,885**
[13] C

[51] **Int.Cl. C07C 19/07 (2006.01) A61K 51/04 (2006.01) C07B 59/00 (2006.01) C07C 17/16 (2006.01) C07C 17/26 (2006.01) C07C 19/00 (2006.01) C07C 21/02 (2006.01)**
[25] EN
[54] **METHODS FOR THE SYNTHESIS OF 13C LABELED IODOTRIDECAHE AND USE AS A REFERENCE STANDARD**
[54] **PROCEDES DE SYNTHESE D'IODOTRIDECAHE MARQUE PAR 13C ET UTILISATION COMME ETALON DE REFERENCE**
[72] KHAN, M. AMIN, US
[72] WOOD, PAUL L., US
[72] GOODENOWE, DAYAN, CA
[73] PHENOMENOME DISCOVERIES INC., CA
[85] 2013-04-12
[86] 2012-11-16 (PCT/CA2012/001055)
[87] (WO2013/071413)
[30] US (61/561,219) 2011-11-17

[11] **2,815,303**
[13] C

[51] **Int.Cl. G10B 3/08 (2006.01)**
[25] EN
[54] **BAGPIPE DRONE REED**
[54] **ANCHE DE BOURDON POUR CORNEMUSE**
[72] KINNAIRD, ROBERT, CA
[73] KINNAIRD, ROBERT, CA
[86] (2815303)
[87] (2815303)
[22] 2013-05-08

[11] **2,816,217**
[13] C

[51] **Int.Cl. C12N 9/64 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF PRODUCING ENTEROKINASE IN YEAST**
[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION D'ENTEROKINASE DANS DES LEVURES**
[72] FOTHERINGHAM, IAN, GB
[72] SHEFFIELD, PETER J., US
[73] ALLERGAN, INC., US
[85] 2013-05-15
[86] 2011-11-18 (PCT/US2011/061334)
[87] (WO2012/071257)
[30] US (61/416,622) 2010-11-23

[11] **2,822,883**
[13] C

[51] **Int.Cl. E21B 7/12 (2006.01) B63B 35/44 (2006.01) E21B 15/02 (2006.01)**
[25] EN
[54] **CONTROLLED HYDROSTATIC PRESSURE COMPLETION SYSTEM**
[54] **SYSTEME DE COMPLETION DE PRESSION HYDROSTATIQUE COMMANDEE**
[72] BULLOCK, RAYMOND R., GB
[72] PENNO, ANDREW D., FR
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-06-25
[86] 2011-01-10 (PCT/US2011/020704)
[87] (WO2012/096648)

[11] **2,822,963**
[13] C

[51] **Int.Cl. E04B 1/348 (2006.01)**
[25] EN
[54] **PREFABRICATED BUILDING AND METHOD FOR CONSTRUCTING A BUILDING**
[54] **BATIMENT PREFABRIQUE ET METHODE DE CONSTRUCTION D'UN BATIMENT**
[72] SHERBAKOV, DENNIS, CA
[72] BLIUM, LEV, CA
[73] SHERBAKOV, DENNIS, CA
[73] BLIUM, LEV, CA
[86] (2822963)
[87] (2822963)
[22] 2013-08-01
[30] US (13/568220) 2012-08-07

[11] **2,823,310**
[13] C

[51] **Int.Cl. C12P 5/00 (2006.01) C10G 1/00 (2006.01) C10L 1/02 (2006.01) C12P 3/00 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) D21C 1/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2823310)
[87] (2823310)
[22] 2007-10-26
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

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[11] **2,823,376**
[13] C

[51] **Int.Cl. D21C 1/10 (2006.01) C12P 1/00 (2006.01) C12P 7/02 (2006.01) C12P 19/00 (2006.01) D21B 1/02 (2006.01) D21B 1/04 (2006.01)**

[25] EN

[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**

[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**

[72] MEDOFF, MARSHALL, US

[73] XYLECO, INC., US

[86] (2823376)

[87] (2823376)

[22] 2007-10-26

[62] 2,667,628

[30] US (60/854,519) 2006-10-26

[30] US (60/863,290) 2006-10-27

[30] US (60/859,911) 2006-11-17

[30] US (60/875,144) 2006-12-15

[30] US (60/881,891) 2007-01-23

[11] **2,826,195**
[13] C

[51] **Int.Cl. A23L 1/216 (2006.01) A23L 1/01 (2006.01) A23L 1/217 (2006.01) A23L 1/307 (2006.01) A47J 37/12 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD IN THE MANUFACTURE OF LOW OIL POTATO CHIPS**

[54] **APPAREIL ET PROCEDURE DANS LA FABRICATION DE CROUSTILLES A FAIBLE TENEUR EN HUILE**

[72] SPURR, MICHAEL ALFRED JAMES, GB

[72] NEWBERRY, BRIAN RICHARD, GB

[72] WARBURG, BARBARA LOUISE, GB

[72] DOBSON, LINDSAY ANNE, GB

[72] TOMLINSON, PAUL FREDRICK, GB

[72] BARTLETT, GLYN R., US

[73] FRITO-LAY TRADING COMPANY GMBH, CH

[85] 2013-07-31

[86] 2012-01-27 (PCT/EP2012/051344)

[87] (WO2012/104214)

[30] GB (1101604.5) 2011-01-31

[11] **2,826,834**
[13] C

[51] **Int.Cl. H04N 5/347 (2011.01) H04N 5/349 (2011.01) G06T 5/50 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM OF INCREASING SPATIAL RESOLUTION OF MULTI-DIMENSIONAL OPTICAL IMAGERY USING SENSOR'S INTRINSIC KEYSTONE**

[54] **PROCEDE ET SYSTEME D'AUGMENTATION DE LA RESOLUTION SPATIALE D'UNE IMAGERIE OPTIQUE MULTIDIMENSIONNELLE AU MOYEN D'UN TRAPEZE INTRINSEQUE DU CAPTEUR**

[72] QIAN, SHEN-EN, CA

[73] CANADIAN SPACE AGENCY, CA

[85] 2013-08-08

[86] 2011-02-11 (PCT/CA2011/050077)

[87] (WO2012/106797)

[11] **2,831,099**
[13] C

[51] **Int.Cl. A61F 5/042 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR TREATMENT OF LATERAL EPICONDYLITIS (TENNIS ELBOW)**

[54] **APPAREIL ET METHODE DE TRAITEMENT DE L'EPICONDYLITE LATERALE (SYNDROME DOULOUREUX LATERAL DU COUDE)**

[72] LAURENSSE, MARK JAMES, CA

[73] LAURENSSE, MARK JAMES, CA

[85] 2013-10-07

[86] 2013-04-30 (PCT/CA2013/000425)

[87] (2831099)

[30] US (61/641,149) 2012-05-01

[11] **2,835,417**
[13] C

[51] **Int.Cl. B26B 3/04 (2006.01)**

[25] EN

[54] **SLICE BLADE ASSEMBLY WITH NON-WELDED REPLACEABLE BLADES**

[54] **ENSEMBLE DE LAMES DE TRANCHEUSE COMPORTANT DES LAMES INTERCHANGEABLES NON SOUDEES**

[72] VAUGHAN, TIM, US

[73] ATLAS PACIFIC ENGINEERING COMPANY, US

[85] 2013-11-07

[86] 2012-06-20 (PCT/US2012/000293)

[87] (WO2013/002837)

[30] US (61/571,402) 2011-06-27

[11] **2,832,314**
[13] C

[51] **Int.Cl. B27B 11/04 (2006.01) B26D 7/26 (2006.01) E04H 17/26 (2006.01)**

[25] EN

[54] **JIG FOR CROSSCUTTING AN ELONGATED WORKPIECE USING SEPARATE SLOTTED GUIDE MEMBERS ON OPPOSING SIDES THEREOF**

[54] **GABARIT POUR COUPE TRANSVERSALE D'UNE PIECE A TRAVAILLER ALLONGEE UTILISANT DES ELEMENTS DE GUIDAGE A FENTES SEPARES SUR LES COTES OPPOSES DE CELLE-CI**

[72] HARLOS, TIMOTHY G., CA

[72] RIVERS, LEONARD M., CA

[73] HARLOS, TIMOTHY G., CA

[73] RIVERS, LEONARD M., CA

[86] (2832314)

[87] (2832314)

[22] 2013-11-06

[11] **2,835,417**
[13] C

[51] **Int.Cl. B26B 3/04 (2006.01)**

[25] EN

[54] **SLICE BLADE ASSEMBLY WITH NON-WELDED REPLACEABLE BLADES**

[54] **ENSEMBLE DE LAMES DE TRANCHEUSE COMPORTANT DES LAMES INTERCHANGEABLES NON SOUDEES**

[72] VAUGHAN, TIM, US

[73] ATLAS PACIFIC ENGINEERING COMPANY, US

[85] 2013-11-07

[86] 2012-06-20 (PCT/US2012/000293)

[87] (WO2013/002837)

[30] US (61/571,402) 2011-06-27

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[11] **2,836,201**

[13] C

[51] **Int.Cl. A61B 5/103 (2006.01) A41H
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A61F 5/14 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR
FORMING A VIRTUAL MODEL
OF A HUMAN SUBJECT**

[54] **PROCEDE ET SYSTEME POUR
FORMER UN MODELE VIRTUEL
D'UN SUJET HUMAIN**

[72] SAMSON, JEAN-PIERRE, CA

[72] BABIN, MICHEL, CA

[73] TECHMED 3D INC., CA

[85] 2013-11-14

[86] 2012-11-16 (PCT/CA2012/001059)

[87] (WO2013/071416)

[30] US (61/561,057) 2011-11-17

[11] **2,837,757**

[13] C

[51] **Int.Cl. A61L 2/16 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR
REDUCING A TRANSFER OF
MICROORGANISMS BY MANUAL
CONTACT**

[54] **DISPOSITIF ET PROCEDE DE
REDUCTION DE TRANSFERT DE
MICRO-ORGANISMES PAR
CONTACT MANUEL**

[72] OLSON, DOUGLAS GLENN, CA

[73] OUTBREAKER SOLUTIONS INC.,
CA

[85] 2013-11-28

[86] 2011-06-16 (PCT/CA2011/000710)

[87] (WO2012/171092)

[11] **2,838,365**

[13] C

[51] **Int.Cl. E21B 43/34 (2006.01) C09K
8/64 (2006.01) E21B 43/40 (2006.01)**

[25] EN

[54] **RECYCLING HYDROCARBON
HYDRAULIC STIMULATION
FLUID**

[54] **RECYCLAGE DE FLUIDE DE
STIMULATION HYDRAULIQUE
D'HYDROCARBURES**

[72] MESHER, SHAUN T., CA

[72] TUDOR, ROBIN, CA

[72] JARVIS, AMANDA G., GB

[73] SYNOIL FLUIDS HOLDINGS INC.,
CA

[86] (2838365)

[87] (2838365)

[22] 2006-10-25

[62] 2,566,070

[30] CA (2,550,382) 2006-06-05

[11] **2,842,765**

[13] C

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

[25] EN

[54] **COMPOSITE RECONFIGURABLE
TOOL**

[54] **OUTIL COMPOSITE
RECONFIGURABLE**

[72] PORTER, JESSE C., US

[72] BARLOW, JOEL L., US

[73] HALLIBURTON ENERGY
SERVICES, INC., US

[86] (2842765)

[87] (2842765)

[22] 2011-03-18

[62] 2,734,372

[30] US (12/730,650) 2010-03-24

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[21] **2,800,605**
[13] A1
[51] **Int.Cl. B25H 3/02 (2006.01) A45F 5/00 (2006.01) E04G 5/00 (2006.01)**
[25] EN
[54] **TOOL/MATERIAL CARRYALL**
[54] **FOURRE-TOUT POUR MATERIAUX ET OUTILS**
[72] MACDONALD, CODY J., CA
[72] UNKNOWN, ZZ
[71] MACDONALD, CODY J., CA
[22] 2013-01-14
[41] 2014-07-14

[21] **2,801,677**
[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01)**
[25] EN
[54] **BALL INJECTING APPARATUS FOR WELLBORE OPERATIONS WITH EXTERNAL LOADING PORT**
[54] **APPAREIL D'INJECTION DE BALLES POUR LES OPERATIONS DE FORAGE DE Puits COMPRENANT UN ORIFICE DE CHARGEMENT EXTERNE**
[72] GRIFFITH, SHELDON, CA
[72] CHEREWYK, BRUCE, CA
[71] GRIFFITH, SHELDON, CA
[22] 2013-01-14
[41] 2014-07-14

[21] **2,801,686**
[13] A1
[51] **Int.Cl. G08G 1/005 (2006.01) G08B 5/38 (2006.01)**
[25] EN
[54] **SIGNAL TIMING COORDINATION SYSTEM FOR CROSSWALK BEACONS**
[54] **SYSTEME DE COORDINATION DE TEMPORISATION DE SIGNAL POUR BALISES DE PASSAGE POUR PIETONS**
[72] BERNARD, BRUCE, CA
[72] BECKWITH, DARREN, CA
[71] CARMANAH TECHNOLOGIES CORP., CA
[22] 2013-01-14
[41] 2014-07-14

[21] **2,801,748**
[13] A1
[51] **Int.Cl. C25D 5/04 (2006.01) C25F 7/00 (2006.01)**
[25] EN
[54] **A DEVICE SUITABLE FOR THE ELECTROCHEMICAL PROCESSING OF AN OBJECT, A HOLDER SUITABLE FOR SUCH A DEVICE AND A METHOD FOR THE ELECTROCHEMICAL PROCESSING OF AN OBJECT**
[54] **DISPOSITIF CONVENANT AU TRAITEMENT ELECTROCHIMIQUE D'UN OBJET, SUPPORT CONVENANT A UN TEL DISPOSITIF ET PROCEDE POUR LE TRAITEMENT ELECTROCHIMIQUE D'UN OBJET**
[72] BOSSCHE, BART JUUL WILHELMINA VAN DEN, BE
[71] ELSYCA N.V., BE
[22] 2013-01-14
[41] 2014-07-14

[21] **2,801,809**
[13] A1
[51] **Int.Cl. G01D 5/12 (2006.01) G01M 3/16 (2006.01)**
[25] EN
[54] **MULTIPLEXING MOSAIC SENSOR ARRAY**
[54] **MATRICE DE CAPTEUR DE TYPE MOSAIQUE A MULTIPLEXAGE**
[72] BROWN, CATHERINE L. J., CA
[72] NGUYEN, LESLIE, CA
[72] SIMPSON, MADELINE J., CA
[71] BROWN, CATHERINE L. J., CA
[71] NGUYEN, LESLIE, CA
[71] SIMPSON, MADELINE J., CA
[22] 2013-01-14
[41] 2014-07-14

[21] **2,801,810**
[13] A1
[51] **Int.Cl. E04H 17/00 (2006.01) A01K 3/00 (2006.01) A01K 29/00 (2006.01) E04H 17/14 (2006.01)**
[25] EN
[54] **ANIMAL FATIGUING MAZE BARRIER DISPERSAL SYSTEM**
[54] **SYSTEME DE DISPERSION A BARRIERES DE LABYRINTHE DE FATIGUE POUR ANIMAUX**
[72] FAIELLA, WHITNEY M., CA
[72] AL ZARKA, FADY, CA
[72] MILES-ROSSOUW, MALAIKA, CA
[71] FAIELLA, WHITNEY M., CA
[71] AL ZARKA, FADY, CA
[71] MILES-ROSSOUW, MALAIKA, CA
[22] 2013-01-14
[41] 2014-07-14

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[21] **2,801,812**
[13] A1

[51] **Int.Cl. C02F 7/00 (2006.01) B01F 3/04 (2006.01) C02F 3/02 (2006.01)**

[25] EN

[54] **MOBILE WIND AND SOLAR POWERED WATER MIXING AND MEASURING RAFT**

[54] **RADEAU DE MESURE ET DE MELANGE D'EAU A ENERGIE EOLIENNE ET SOLAIRE MOBILE**

[72] UNKNOWN, ZZ

[71] EL BILALI, JASON, CA

[71] WANG, WEI, ZZ

[71] QUARNAIN, UMRAAN, ZZ

[22] 2013-01-14

[41] 2014-07-14

[21] **2,801,830**
[13] A1

[51] **Int.Cl. B25B 23/12 (2006.01)**

[25] EN

[54] **FLOATING MAGNET NUT DRIVER**

[54] **TOURNE-ECROU MAGNETIQUE FLOTTANT**

[72] DUMITRU, OCTAV, CA

[71] EXCHANGE-A-BLADE LTD., CA

[22] 2013-01-14

[41] 2014-07-14

[21] **2,801,907**
[13] A1

[51] **Int.Cl. F16L 3/08 (2006.01) A47B 21/06 (2006.01) F16L 3/22 (2006.01) H02G 3/04 (2006.01)**

[25] EN

[54] **FABRIC CABLE ORGANIZER**

[54] **ORGANISEUR EN TISSU**

[72] CORNER, DANIEL, CA

[72] PICHETTE, STEPHANIE, CA

[72] QU, JIN, CA

[71] CORNER, DANIEL, CA

[71] PICHETTE, STEPHANIE, CA

[71] QU, JIN, CA

[22] 2013-01-14

[41] 2014-07-14

[21] **2,801,910**
[13] A1

[51] **Int.Cl. B65D 50/00 (2006.01) B65D 55/02 (2006.01)**

[25] EN

[54] **ANTI-THEFT CAP**

[54] **BOUCHON ANTIVOL**

[72] STEFANYK, ADAM R., CA

[71] STEFANYK, ADAM R., CA

[22] 2013-01-14

[41] 2014-07-14

[21] **2,801,978**
[13] A1

[51] **Int.Cl. G01N 33/52 (2006.01)**

[25] EN

[54] **DETECTION OF BODY ODOUR USING A VISUAL INDICATOR STRIP**

[54] **DETECTION D'ODEUR DE CORPS AU MOYEN D'UNE BANDE INDICATRICE VISUELLE**

[72] ANJUM, OMAR, CA

[72] MATSUBAYASHI, TREVOR, CA

[72] SOH, MELISSA, SG

[71] ANJUM, OMAR, CA

[71] MATSUBAYASHI, TREVOR, CA

[71] SOH, MELISSA, SG

[22] 2013-01-14

[41] 2014-07-14

[21] **2,801,990**
[13] A1

[51] **Int.Cl. F03B 13/06 (2006.01) E02B 9/00 (2006.01) F03B 13/00 (2006.01) F03B 13/12 (2006.01) F03B 17/04 (2006.01) F03G 7/10 (2006.01)**

[25] EN

[54] **UNDER SEASHORE HYDRO POWER PLANT**

[54] **CENTRALE HYDRAULIQUE SOUS LE RIVAGE**

[72] KRISHNAMOORTHY, SRINIVASAN, CA

[71] KRISHNAMOORTHY, SRINIVASAN, CA

[22] 2013-01-14

[41] 2014-07-14

[21] **2,802,148**
[13] A1

[51] **Int.Cl. H01Q 13/10 (2006.01) H01Q 9/04 (2006.01)**

[25] EN

[54] **LOW PROFILE ANTENNA**

[54] **ANTENNE A PROFIL BAS**

[72] HNATIWI, ALAN JULIAN PAUL, CA

[72] CARR, JOHN PATTEN, CA

[72] HILLS, MATTHEW PHILIP, CA

[71] CMC ELECTRONIQUE INC./CMC ELECTRONICS INC., CA

[22] 2013-01-17

[41] 2014-07-17

[21] **2,802,183**
[13] A1

[51] **Int.Cl. B01J 4/00 (2006.01)**

[25] EN

[54] **SYSTEM AND PROCESS FOR SUPPLYING A CHEMICAL AGENT TO A PROCESS FLUID**

[54] **SYSTEME ET PROCEDE POUR FOURNIR UN AGENT CHIMIQUE A UN FLUIDE DE TRAITEMENT**

[72] FRENCH, SHAWN, CA

[71] VOODOO INJECTION MANAGEMENT LTD., CA

[22] 2013-01-15

[41] 2014-07-15

[21] **2,802,204**
[13] A1

[51] **Int.Cl. E01D 19/08 (2006.01) E01C 11/24 (2006.01) E01D 19/00 (2006.01) E01D 22/00 (2006.01)**

[25] EN

[54] **ICE AND SLUSH MITIGATION FOR BRIDGE SUPPORTS AND OTHER OVERHEAD BRIDGE STRUCTURES**

[54] **REDUCTION DE LA GLACE ET DE LA BOUILLIE DE GLACE POUR SUPPORTS DE PONT ET AUTRES STRUCTURES DE PONT SUPERIEURES**

[72] WEIR-JONES, IAIN, CA

[71] WEIR-JONES ENGINEERING CONSULTANTS LTD., CA

[22] 2013-01-15

[41] 2014-07-15

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[21] **2,802,206**
[13] A1

[51] **Int.Cl. E04H 9/04 (2006.01) E04B 1/00 (2006.01) E04G 21/14 (2006.01)**

[25] EN

[54] **KIT FOR ASSEMBLING A BUILDING STRUCTURE RESISTANT TO OVERHEAD ORDINANCE DETONATIONS**

[54] **NECESSAIRE D'ASSEMBLAGE D'UNE STRUCTURE DE BATIMENT RESISTANTE AUX DETONATIONS D'EXPLOSIFS EN HAUTEUR**

[72] WARNER, HAROLD, CA
[72] PARKS, STEVE, US
[71] DYNAMIC AIR SHELTERS LTD., CA
[22] 2013-01-14
[41] 2014-07-14

[21] **2,802,223**
[13] A1

[51] **Int.Cl. H01Q 11/04 (2006.01) H01Q 13/20 (2006.01) H01Q 19/10 (2006.01)**

[25] EN

[54] **REFLECTIVE LINE SOURCE**

[54] **SOURCE DE LIGNE DE REFLECHISSANTE**

[72] HNATIW, ALAN JULIAN PAUL, CA
[72] CARR, JOHN PATTEN, CA
[72] HILLS, MATTHEW PHILIP, CA
[71] CMC ELECTRONIQUE INC./CMC ELECTRONICS INC., CA
[22] 2013-01-17
[41] 2014-07-17

[21] **2,802,234**
[13] A1

[51] **Int.Cl. C10M 119/02 (2006.01)**

[25] EN

[54] **VISCOSITY INDEX IMPROVERS FOR LUBRICATING OIL COMPOSITIONS**

[54] **AMELIORANTS DE L'INDICE DE VISCOSITE POUR COMPOSITIONS D'HUILE LUBRIFIANTE**

[72] OBEROI, SONIA, US
[72] BRIGGS, STUART, US
[72] WATTS, RAYMOND F., US
[72] NOLES, JOE R., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2013-01-16
[41] 2014-07-16

[21] **2,802,243**
[13] A1

[51] **Int.Cl. H01P 5/12 (2006.01) H01P 5/00 (2006.01)**

[25] EN

[54] **WAVEGUIDE POWER COMBINER/SPLITTER**

[54] **COMBINA TEUR/DIVISEUR DE PUISSANCE DE GUIDE D'ONDE**

[72] HNATIW, ALAN JULIAN PAUL, CA
[72] CARR, JOHN PATTEN, CA
[72] HILLS, MATTHEW PHILIP, CA
[71] CMC ELECTRONIQUE INC./CMC ELECTRONICS INC., CA
[22] 2013-01-17
[41] 2014-07-17

[21] **2,802,256**
[13] A1

[51] **Int.Cl. G01N 27/416 (2006.01) A61B 5/083 (2006.01) G01N 27/30 (2006.01)**

[25] EN

[54] **A MINIATURISED ELECTROCHEMICAL SENSOR**

[54] **CAPTEUR ELECTROMECHANIQUE MINIATURISE**

[72] ROXHED, NICLAS, SE
[72] GATTY, HITHESH K., SE
[72] STEMME, GORAN, SE
[71] ROXHED, NICLAS, SE
[71] GATTY, HITHESH K., SE
[71] STEMME, GORAN, SE
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,269**
[13] A1

[51] **Int.Cl. F16L 5/02 (2006.01) E04F 17/08 (2006.01) H02G 3/00 (2006.01)**

[25] EN

[54] **METHOD OF INSTALLING ELONGATE BODIES IN A BUILDING**

[54] **PROCEDE D'INSTALLATION DE CORPS ALLONGES DANS UN BATIMENT**

[72] COSCARELLA, GABE, CA
[71] COSCARELLA, GABE, CA
[22] 2013-01-15
[41] 2014-07-15

[21] **2,802,416**
[13] A1

[51] **Int.Cl. F16G 11/00 (2006.01) A41D 27/00 (2006.01) A41F 1/00 (2006.01)**

[25] EN

[54] **IMPROVED DRAWSTRING CONNECTOR AND METHODS OF USE**

[54] **DISPOSITIF DE RACCORDEMENT DE CORDONS AMELIORE ET METHODES D'UTILISATION**

[72] LEVESQUE, LUC, CA
[72] GERSTNER, MICHAEL ANTHONY, CA
[71] LEVESQUE, LUC, CA
[71] GERSTNER, MICHAEL ANTHONY, CA
[22] 2013-01-16
[41] 2014-07-16

[21] **2,802,425**
[13] A1

[51] **Int.Cl. B61D 17/04 (2006.01)**

[25] EN

[54] **FREIGHT CAR WITH LIFTING LOCATION AND METHOD**

[54] **WAGON AVEC EMPLACEMENT ET METHODE DE SOULEVEMENT**

[72] AL-KAABI, MOHAMMED, CA
[72] HEMATIAN, JAMAL, CA
[72] SAFARI, MEYSAM, CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2013-01-16
[41] 2014-07-16

[21] **2,802,429**
[13] A1

[51] **Int.Cl. B65D 19/44 (2006.01) B65D 19/14 (2006.01) B65D 19/31 (2006.01) B65D 19/38 (2006.01) B65D 85/00 (2006.01) B65D 85/04 (2006.01) B65D 85/66 (2006.01) B65H 49/36 (2006.01)**

[25] EN

[54] **COIL CRADLE**

[54] **BERCEAU DE BOBINE**

[72] UNKNOWN, ZZ
[71] CAREGO INNOVATIVE SOLUTIONS INC., CA
[22] 2013-01-16
[41] 2014-07-16

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[21] **2,802,502**
[13] A1

[51] **Int.Cl. A63G 31/00 (2006.01)**
[25] EN
[54] **AFRICAN VILLAGE PARK**
[54] **PARC DE VILLAGE AFRICAIN**
[72] OBINA, LILLY A., CA
[71] OBINA, LILLY A., CA
[22] 2013-01-15
[41] 2014-07-15

[21] **2,802,732**
[13] A1

[51] **Int.Cl. B32B 27/32 (2006.01) B29C 47/06 (2006.01) B29D 7/01 (2006.01) B32B 7/12 (2006.01) B32B 27/08 (2006.01) B32B 37/02 (2006.01)**
[25] EN
[54] **IMPROVED MULTILAYER BLOWN FILMS**
[54] **FILMS SOUFFLES A COUCHES MULTIPLES AMELIORES**
[72] FALLA, DANIEL J., CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,813**
[13] A1

[51] **Int.Cl. H05K 7/14 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **COLLAPSIBLE SELF-SUPPORTING WALL SOCKET APPLIANCE CHARGING AND STORAGE CADDY**
[54] **POSTE DE STOCKAGE ET DE RECHARGE D'APPAREIL A PRISE AUTONOME PLIANT**
[72] MOROZ, ROMAN, CA
[71] MOROZ, ROMAN, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,875**
[13] A1

[51] **Int.Cl. B63C 11/52 (2006.01) B63B 21/66 (2006.01) B63B 27/36 (2006.01) B66C 1/66 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR UNDERWATER COUPLING**
[54] **PROCEDE ET APPAREIL DE COUPLAGE SOUS-MARIN**
[72] MILLS, REUBEN A, CA
[71] CANADIAN SCIENTIFIC SUBMERSIBLE FACILITY, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,879**
[13] A1

[51] **Int.Cl. B60C 27/06 (2006.01)**
[25] EN
[54] **ANTI SLIPPERY COVER**
[54] **COUVERCLE ANTIDERAPANT**
[72] ZAPATA, ISIDORO JESUS, CA
[71] ZAPATA, ISIDORO JESUS, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,881**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 30/02 (2012.01) G06F 21/60 (2013.01) H04L 9/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENTITY RELATIONSHIP MANAGEMENT (ERM)**
[54] **METHODES ET SYSTEMES DE GESTION DE RELATIONS D'ENTITES**
[72] HALLE, CARL, CA
[71] HALLE, CARL, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,902**
[13] A1

[51] **Int.Cl. B63B 35/04 (2006.01) B63B 27/00 (2006.01) B63C 11/00 (2006.01) B63G 8/42 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR UNDERWATER CABLE DEPLOYMENT**
[54] **PROCEDE ET APPAREIL POUR DEPLOYER DES CABLES SOUS-MARINS**
[72] MURDOCH, IAN B., CA
[72] WILLIAMS, JASON C., CA
[71] CANADIAN SCIENTIFIC SUBMERSIBLE FACILITY, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,802,924**
[13] A1

[51] **Int.Cl. B63B 35/04 (2006.01) B63B 27/00 (2006.01) B63C 11/00 (2006.01) B63G 8/42 (2006.01) B66C 1/66 (2006.01) F16B 1/00 (2006.01)**
[25] EN
[54] **REMOTELY OPERABLE MECHANICAL COUPLING**
[54] **COUPLAGE MECANIQUE COMMANDE A DISTANCE**
[72] MILLS, REUBEN A, CA
[71] CANADIAN SCIENTIFIC SUBMERSIBLE FACILITY, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,803,012**
[13] A1

[51] **Int.Cl. B65B 67/12 (2006.01) A47F 13/08 (2006.01) A47G 29/00 (2006.01) A47J 47/00 (2006.01) B65B 39/06 (2006.01) B65B 43/54 (2006.01) B67C 11/00 (2006.01) F25C 1/22 (2006.01)**
[25] EN
[54] **FREEZER BAG FILLER**
[54] **OUTIL DE REMPLISSAGE DE SAC A CONGELATION**
[72] MCCULLOUGH, HOLMES, CA
[71] MCCULLOUGH, HOLMES, CA
[22] 2013-01-18
[41] 2014-07-18

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[21] **2,803,835**
[13] A1

[51] **Int.Cl. G08C 23/06 (2006.01) F21V 13/00 (2006.01)**
[25] EN
[54] **A LIGHT CHARACTER PRODUCER AND ITS EXTENDED APPLICATION IN PHOTOVOLTAICS**
[54] **PRODUCTEUR DE CARACTERES LUMINEUX ET SON APPLICATION ETENDUE DANS LA PHOTOVOLTAIQUE**
[72] LIAU, GEORGE UH-SCHU, CA
[71] LIAU, GEORGE UH-SCHU, CA
[22] 2013-01-15
[41] 2014-07-15

[21] **2,803,888**
[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01) C02F 1/74 (2006.01) C02F 3/00 (2006.01) E03C 1/12 (2006.01) E03C 1/126 (2006.01)**
[25] FR
[54] **IMPROVEMENT OF THE DUEFFL OXYGENATION TREATMENT OF HOUSEHOLD AND WASTEWATER**
[54] **PERFECTONNEMENT DE L'OXYGENATION DU TRAITEMENT DES EAUX SANITAIRES ET MENAGERES DUEFFL**
[72] RUBY, SERGE EMILE ALFRED, CA
[71] RUBY, SERGE EMILE ALFRED, CA
[22] 2013-01-18
[41] 2014-07-18

[21] **2,807,309**
[13] A1

[51] **Int.Cl. B65D 19/44 (2006.01) B65D 19/14 (2006.01) B65D 19/31 (2006.01) B65H 49/36 (2006.01)**
[25] EN
[54] **TRANSFER CRADLE**
[54] **BERCEAU DE TRANSFERT**
[72] UNKNOWN, ZZ
[71] CAREGO INNOVATIVE SOLUTIONS INC., CA
[22] 2013-01-16
[41] 2014-07-16

[21] **2,807,429**
[13] A1

[51] **Int.Cl. G09F 3/20 (2006.01) G09F 3/08 (2006.01) G09F 23/00 (2006.01)**
[25] EN
[54] **PERSONALIZATION DEVICE**
[54] **DISPOSITIF DE PERSONNALISATION**
[72] COOK, STEVEN BROCK, CA
[72] COOK, DAVID ROBERT, CA
[72] THOMPSON, DOUGLAS, CA
[71] THE INITIALS CORPORATION, CA
[22] 2013-02-27
[41] 2014-07-14
[30] US (13/740,641) 2013-01-14

[21] **2,809,862**
[13] A1

[51] **Int.Cl. E21B 33/068 (2006.01)**
[25] EN
[54] **MODULAR BALL DROP**
[54] **CHUTE DE BILLE MODULAIRE**
[72] ARTHURHOLT, DANNY LEE, US
[72] MCGUIRE, BOB, US
[72] CLAXTON, MICKEY, US
[71] OIL STATES ENERGY SERVICES, L.L.C., US
[22] 2013-03-19
[41] 2014-07-15
[30] US (13/742,043) 2013-01-15

[21] **2,811,408**
[13] A1

[51] **Int.Cl. G06Q 30/04 (2012.01)**
[25] EN
[54] **DETERMINING LOCAL TAX STRUCTURES IN AN ACCOUNTING APPLICATION THROUGH USER CONTRIBUTION**
[54] **DETERMINATION DE STRUCTURES FISCALES LOCALES DANS UNE APPLICATION COMPTABLE PAR LE BIAIS D'UNE CONTRIBUTION D'UTILISATEURS**
[72] PAI, YOGISH, US
[72] SHARMA, ANIL, IN
[72] PESHWE, SHIRISH KISHORE, IN
[72] VERMA, ANSHU, IN
[72] BLITZ, RICHARD ERNEST, CA
[71] INTUIT INC., US
[22] 2013-04-02
[41] 2014-07-17
[30] US (13/744,108) 2013-01-17

[21] **2,814,616**
[13] A1

[51] **Int.Cl. A01K 13/00 (2006.01)**
[25] EN
[54] **ANIMAL SELF-GROOMING DEVICE**
[54] **DISPOSITIF D'AUTO-TOILETTAGE POUR ANIMAUX**
[72] LAMERS, CYNTHIA, CA
[71] LAMERS, CYNTHIA, CA
[22] 2013-04-26
[41] 2014-07-14
[30] US (13/740300) 2013-01-14

[21] **2,815,871**
[13] A1

[51] **Int.Cl. B65D 71/70 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **TRAVEL CONTAINER FOR TRANSPORTING OF BEVERAGE CONTAINERS**
[54] **CHARIOT DE DEPLACEMENT POUR LE TRANSPORT DE CONTENANTS DE BOISSON**
[72] CHIORAZZI, FRANK P., US
[72] CHIORAZZI, FRANK O., US
[71] FRANMARA, INC., US
[22] 2013-05-15
[41] 2014-07-16
[30] US (13/743,060) 2013-01-16

[21] **2,815,872**
[13] A1

[51] **Int.Cl. B65D 81/36 (2006.01) B65D 33/04 (2006.01) B65D 33/06 (2006.01)**
[25] EN
[54] **WINE BOTTLE WALLET**
[54] **PORTEFEUILLE POUR BOUTEILLE DE VIN**
[72] CHIORAZZI, FRANK O., US
[72] CHIORAZZI, FRANK P., US
[71] FRANMARA, INC., US
[22] 2013-05-15
[41] 2014-07-16
[30] US (13/743,228) 2013-01-16

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[21] **2,815,990**
[13] A1

[51] **Int.Cl. H01J 49/04 (2006.01) G01N 27/62 (2006.01) H01J 49/16 (2006.01)**
[25] EN
[54] **MASS ANALYSER INTERFACE**
[54] **INTERFACE D'ANALYSEUR**
[72] JOLLIFFE, CHARLES, CA
[72] COUSINS, LISA, CA
[72] JAVAHERY, GHOLAMREZA, CA
[71] IONICS MASS SPECTROMETRY GROUP, INC., CA
[22] 2013-05-16
[41] 2014-07-14
[30] US (13/740,985) 2013-01-14

[21] **2,816,064**
[13] A1

[51] **Int.Cl. C11D 1/72 (2006.01) C11D 1/00 (2006.01) C11D 1/75 (2006.01) C11D 3/20 (2006.01) C11D 3/43 (2006.01)**
[25] EN
[54] **STAIN REMOVING SOLUTION**
[54] **SOLUTION D'ELIMINATION DE TACHES**
[72] GAUDREALT, ROSEMARIE, US
[71] JELMAR, LLC, US
[22] 2013-05-16
[41] 2014-07-16
[30] US (13/694,897) 2013-01-16

[21] **2,816,066**
[13] A1

[51] **Int.Cl. C11D 1/72 (2006.01) C11D 1/00 (2006.01) C11D 1/75 (2006.01) C11D 3/20 (2006.01) C11D 3/33 (2006.01) C11D 3/43 (2006.01) C11D 3/48 (2006.01)**
[25] EN
[54] **MOLD AND MILDEW STAIN REMOVING SOLUTION**
[54] **SOLUTION D'ELIMINATION DE TACHES DE MOISSURE**
[72] GAUDREAU, ROSEMARIE, US
[71] JELMAR, LLC, US
[22] 2013-05-16
[41] 2014-07-16
[30] US (13/694,898) 2013-01-16

[21] **2,816,742**
[13] A1

[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **FIREFIGHTER SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE POUR POMPIER**
[72] DUFFY, ROBERT S., US
[71] DUFFY, ROBERT S., US
[22] 2013-05-22
[41] 2014-07-17
[30] US (13/743,378) 2013-01-17

[21] **2,817,640**
[13] A1

[51] **Int.Cl. B64B 1/24 (2006.01) B64B 1/20 (2006.01)**
[25] EN
[54] **SAIL-EQUIPPED AMPHIBIOUS AEROSTAT OR DIRIGIBLE**
[54] **AEROSTAT OU DIRIGEABLE AMPHIBIE A VOILES**
[72] SARMIENTO, JOSEPH NILO L., CA
[71] SARMIENTO, JOSEPH NILO L., CA
[22] 2013-05-31
[41] 2014-07-18
[30] US (61/754,526) 2013-01-18

[21] **2,819,420**
[13] A1

[51] **Int.Cl. H02G 3/04 (2006.01)**
[25] EN
[54] **A WIRING DISTRIBUTION SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE DISTRIBUTION DE CABLAGE**
[72] YANG, HWAI L., US
[71] YANG, HWAI L., US
[22] 2013-06-26
[41] 2014-07-14
[30] US (505390417) 2013-01-14

[21] **2,820,560**
[13] A1

[51] **Int.Cl. E04H 15/60 (2006.01) E04H 15/48 (2006.01)**
[25] EN
[54] **RETRACTABLE POLE ASSEMBLY FOR A FOLDABLE TENT**
[54] **ENSEMBLE POTEAU RETRACTABLE POUR TENTE PLIABLE**
[72] JIN, KI HO, CN
[71] JIN, KI HO, CN
[22] 2013-07-09
[41] 2014-07-18
[30] CN (201320027238.4) 2013-01-18
[30] US (13/909,256) 2013-06-04

[21] **2,820,813**
[13] A1

[51] **Int.Cl. B65D 83/06 (2006.01)**
[25] EN
[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] JANSEN, RYAN, US
[72] WAKEFIELD, JONATHAN, US
[72] BRUMMER, FRANCIS, US
[71] FARMWELD INC., US
[22] 2013-07-12
[41] 2014-07-15
[30] US (61/752,525) 2013-01-15

[21] **2,822,970**
[13] A1

[51] **Int.Cl. B60Q 9/00 (2006.01)**
[25] EN
[54] **VEHICLE PROXIMITY DETECTION AND INDICATION DEVICES AND METHODS**
[54] **DETECTION DE PROXIMITE DE VEHICULE ET DISPOSITIFS ET METHODES D'INDICATION**
[72] MANTIE, JEFFREY R., CA
[71] MANTIE, JEFFREY R., CA
[22] 2013-07-29
[41] 2014-07-15
[30] US (61752657) 2013-01-15

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[21] **2,825,717**
[13] A1

[51] **Int.Cl. A46B 9/02 (2006.01) A46B 11/00 (2006.01) B05C 1/00 (2006.01) B05C 17/00 (2006.01)**

[25] EN
[54] **WEDGE-SHAPED PAINTBRUSH**
[54] **PINCEAU EN BISEAU**
[72] DALE, JAMES CHARLES, US
[71] DALE, JAMES CHARLES, US
[22] 2013-08-26
[41] 2014-07-16
[30] US (13/904,386) 2013-05-29
[30] US (29/452,394) 2013-04-16
[30] US (61/753,366) 2013-01-16

[21] **2,828,822**
[13] A1

[51] **Int.Cl. G01T 1/29 (2006.01)**

[25] EN
[54] **APPARATUS FOR DETECTING RADIATION FIELDS**
[54] **APPAREIL DE DETECTION DE CHAMPS DE RAYONNEMENT**
[72] REID, PETER, CA
[72] VEZEAU, NIGEL, CA
[71] NORDION (CANADA) INC., CA
[22] 2013-09-30
[41] 2014-07-16
[30] US (61/753,179) 2013-01-16

[21] **2,829,980**
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01) A63F 1/02 (2006.01)**

[25] EN
[54] **CARD WITH AREA CONTAINING COMPONENTS CAPABLE OF MOVEMENT**
[54] **CARTE AVEC COMPOSANTES CONTENANT DES ZONES POUVANT SE DEPLACER**
[72] BOWEN, DOUGLAS M., US
[72] GORDON, TSANG TO LEUNG, US
[72] EIKOS, STEPHEN R., US
[72] HUGHES, CRAIG, US
[72] WALBERG, KARI JEAN, US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2013-10-16
[41] 2014-07-16
[30] US (13/743,120) 2013-01-16

[21] **2,830,810**
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/42 (2006.01) C12M 3/04 (2006.01) C12Q 1/02 (2006.01) G01N 15/06 (2006.01) G01N 27/02 (2006.01)**

[25] EN
[54] **IMPEDANCE-BASED SENSING OF ADHERENT CELLS ON A DIGITAL MICROFLUIDIC DEVICE**
[54] **DETECTION FONDEE SUR L'IMPEDANCE DE CELLULES ADHERENTES SUR UN DISPOSITIF MICROFLUIDIQUE NUMERIQUE**
[72] SHIH, STEVE CHAO-CHUNG, CA
[72] BARBULOVIC-NAD, IRENA, CA
[72] WHEELER, AARON, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[22] 2013-10-25
[41] 2014-07-14
[30] US (61/752,298) 2013-01-14

[21] **2,831,156**
[13] A1

[51] **Int.Cl. F21V 14/04 (2006.01) F21L 4/00 (2006.01) F21V 7/00 (2006.01) F21V 17/00 (2006.01)**

[25] EN
[54] **INTERCHANGEABLE REFLECTORS FOR LIGHT DEVICES**
[54] **REFLECTEURS INTERCHANGEABLES POUR DISPOSITIFS D'ECLAIRAGE**
[72] CHUDY, FREDERICK C., US
[71] SNAP-ON INCORPORATED, US
[22] 2013-10-25
[41] 2014-07-15
[30] US (13/741,979) 2013-01-15

[21] **2,833,978**
[13] A1

[51] **Int.Cl. E02D 3/046 (2006.01) A01B 29/00 (2006.01) E01C 19/23 (2006.01) E01C 19/28 (2006.01)**

[25] EN
[54] **VIBRATORY COMPACTING ROLLER MACHINE AND OPERATOR CONTROL THEREFOR**
[54] **MACHINE A ROULEAU DE COMPACTAGE VIBRATOIRE ET DISPOSITIF DE COMMANDE ASSOCIE**
[72] GEIER, DANIEL, US
[71] WACKER NEUSON PRODUCTION AMERICAS LLC, US
[22] 2013-11-21
[41] 2014-07-18
[30] US (13/745,181) 2013-01-18

[21] **2,833,989**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) B63B 22/18 (2006.01) B63B 35/44 (2006.01) F03D 11/04 (2006.01)**

[25] EN
[54] **PARTIAL PITCH WIND TURBINE WITH FLOATING FOUNDATION**
[54] **EOLIENNE PARTIELLEMENT ORIENTABLE A FONDATION FLOTTANTE**
[72] FRIEDRICH, MICHAEL, DK
[72] REBSDORF, ANDERS VARMINING, DK
[71] ENVISION ENERGY (DENMARK) APS, DK
[22] 2013-11-22
[41] 2014-07-15
[30] DK (PA 2013 70022) 2013-01-15

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[21] **2,834,264**
[13] A1

[51] **Int.Cl. B60K 15/063 (2006.01) B60K 13/04 (2006.01) B60K 15/073 (2006.01)**

[25] EN

[54] **DIESEL EXHAUST FLUID TANK FOR AN OFF-ROAD VEHICLE**

[54] **RESERVOIR DE FLUIDE D'ÉCHAPPEMENT DIESEL POUR UN VÉHICULE TOUT-TERRAIN**

[72] HERTSGAARD, TIMOTHY RALPH, US

[72] NOVACEK, JASON KEITH, US

[72] BLOMBERG, DAVID DONALD, US

[72] RASSET, JOHN THOMAS, US

[72] LARSON, ERIK ANDREW, US

[72] LARSON, JAY MICHAEL, US

[72] WIBBELS, PAUL EUGENE, US

[72] HINZ, DANIEL LAROY, US

[72] TVEITO, DAVID LARRY, US

[72] SUSAG, DAVID EDWARD, US

[72] STOLTMAN, RUSSELL VICTOR, US

[72] BAUTZ, CHAD ALRY, US

[72] KELLER, NATHANIEL JAMES, US

[72] BOOTH, DAVID SHELDON, US

[71] CNH AMERICA LLC, US

[22] 2013-11-27

[41] 2014-07-18

[30] US (13/744,576) 2013-01-18

[21] **2,835,555**
[13] A1

[51] **Int.Cl. B60R 11/02 (2006.01) H05K 7/00 (2006.01) H05K 11/02 (2006.01)**

[25] EN

[54] **AN ASSEMBLY AND METHOD FOR DISPLAY DEVICE MOUNTING**

[54] **ASSEMBLAGE ET PROCÉDE POUR FIXATION DE DISPOSITIF D'AFFICHAGE**

[72] SHAH, SHRENIK, US

[72] CHOU, CHIH-WEI, US

[71] PANASONIC AVIONICS CORPORATION, US

[22] 2013-12-03

[41] 2014-07-15

[30] US (61/752,785) 2013-01-15

[21] **2,835,678**
[13] A1

[51] **Int.Cl. A47C 21/04 (2006.01) A47C 27/15 (2006.01)**

[25] EN

[54] **MATTRESS WITH COMBINATION OF PRESSURE REDISTRIBUTION AND INTERNAL AIR FLOW GUIDE(S)**

[54] **MATELAS OFFRANT UNE COMBINAISON DE REDISTRIBUTION DE PRESSION ET DE GUIDES DE FLUX D'AIR INTERNES**

[72] TURSI, DANIEL V., JR., US

[72] WEYL, CHRISTOPHER S., US

[72] BONADDIO, VINCENZO A., US

[71] FXI, INC., US

[22] 2013-11-29

[41] 2014-07-18

[30] US (61/754,151) 2013-01-18

[30] US (14/042,948) 2013-10-01

[21] **2,836,037**
[13] A1

[51] **Int.Cl. E04C 3/02 (2006.01) B27M 3/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FREE-STANDING PREFABRICATED GLUED LAMINATED MODULAR TIMBER FRAME MEMBERS**

[54] **SYSTEME ET PROCÉDE POUR ELEMENTS DE BÂTI EN BOIS D'UVRE MODULAIRES STRATIFIÉS COLLES PREFABRIQUÉS AUTOPORTEURS**

[72] STEINBERG, DOV, IL

[71] STEINBERG, DOV, IL

[22] 2013-12-06

[41] 2014-07-14

[30] US (61/751,950) 2013-01-14

[30] US (14/085,823) 2013-11-21

[21] **2,836,145**
[13] A1

[51] **Int.Cl. A01D 34/404 (2006.01)**

[25] EN

[54] **CUTTING PLATFORM**

[54] **PLATEFORME DE COUPE**

[72] FUCHTLING, CHRISTIAN, DE

[71] CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH, DE

[22] 2013-12-05

[41] 2014-07-14

[30] DE (10 2013 100 322.2) 2013-01-14

[21] **2,836,150**
[13] A1

[51] **Int.Cl. H01R 13/627 (2006.01) H01R 9/03 (2006.01) H01R 13/66 (2006.01)**

[25] EN

[54] **ELECTRICAL CONNECTOR**

[54] **CONNECTEUR ÉLECTRIQUE**

[72] JORDAN, PETER, GB

[71] ITT MANUFACTURING ENTERPRISES INC., US

[22] 2013-12-11

[41] 2014-07-17

[30] GB (GB1300845.3) 2013-01-17

[21] **2,836,276**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 12/16 (2006.01)**

[25] EN

[54] **DATA RECOVERY PRICING METHOD AND DATA BACKUP AND RECOVERY METHOD**

[54] **METHODE D'ÉTABLISSEMENT DE PRIX DE RECUPERATION DE DONNÉES ET METHODE DE RECUPERATION ET DE SAUVEGARDE DE DONNÉES**

[72] FARAJUN, DAVID, CA

[72] FARAJUN, ERAN, CA

[72] PETERS, KELLY, CA

[71] ASIGRA INC., CA

[22] 2013-12-11

[41] 2014-07-17

[30] US (61/753,698) 2013-01-17

[30] US (14/102,054) 2013-12-10

[21] **2,837,066**
[13] A1

[51] **Int.Cl. C10J 3/80 (2006.01) C23F 15/00 (2006.01)**

[25] EN

[54] **FEED RATIO CONTROL FOR HTER**

[54] **COMMANDE DE RAPPORT D'ALIMENTATION POUR UNITÉ DE REFORMAGE D'UN ÉCHANGEUR DE CHALEUR**

[72] JENSEN, MARTIN FRAHM, DK

[72] HANSEN, CLAUS FALLESEN, DK

[71] HALDOR TOPSOE A/S, DK

[22] 2013-12-18

[41] 2014-07-14

[30] DK (PA 2013 00025) 2013-01-14

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[21] **2,837,068**
[13] A1

[51] **Int.Cl. G06Q 50/20 (2012.01) G09B 5/00 (2006.01)**
[25] EN
[54] **COMBINED CURRICULUM AND GRADE BOOK MANAGER WITH INTEGRATED STUDENT/TEACHER EVALUATION FUNCTIONS BASED ON ADOPTED STANDARDS**
[54] **GESTIONNAIRE DE CURRICULUM ET DE CARNET DE NOTES COMBINES AVEC FONCTIONS D'EVALUATION ETUDIANT/PROFESSEUR INTEGREES SELON DES NORMES ADOPTEES**
[72] MCMACKIN, HOWARD MICHAEL, US
[71] EMPOWERED SCHOOLS, INC., US
[22] 2013-12-18
[41] 2014-07-16
[30] US (13/743,105) 2013-01-16

[21] **2,837,743**
[13] A1

[51] **Int.Cl. B65B 29/08 (2006.01) A23L 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A READY-TO-EAT FOOD TRAY**
[54] **PROCEDE POUR PREPARER UN PLATEAU DE NOURRITURE PRETE A CONSOMMER**
[72] AMIGONI, MICHELE, IT
[72] TEDESCHI, GIANCARLO, IT
[72] BORDINI, ANDREA, IT
[72] AZZALI, PIERLUIGI, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
[22] 2013-12-27
[41] 2014-07-17
[30] EP (13425010.9) 2013-01-17

[21] **2,837,923**
[13] A1

[51] **Int.Cl. B60M 1/12 (2006.01) F25C 5/02 (2006.01)**
[25] EN
[54] **ICE BREAKING PANTOGRAPH**
[54] **PANTOGRAPH BRISE-GLACE**
[72] NITTI, ANTONIO, IT
[71] TESMEC SPA, IT
[22] 2013-12-18
[41] 2014-07-18
[30] IT (MI 2013 A000064) 2013-01-18

[21] **2,837,934**
[13] A1

[51] **Int.Cl. F28D 1/04 (2006.01) F24H 1/40 (2006.01) F24J 2/30 (2006.01) F28D 7/10 (2006.01) F28F 9/22 (2006.01)**
[25] EN
[54] **AIR-LIQUID HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE AIR-LIQUIDE**
[72] SAVARD, GILLES, CA
[71] SAVARD, GILLES, CA
[22] 2013-12-24
[41] 2014-07-15
[30] GB (1300737.2) 2013-01-15

[21] **2,838,372**
[13] A1

[51] **Int.Cl. B60K 5/00 (2006.01) B60K 11/04 (2006.01) B60K 13/02 (2006.01) F01P 1/00 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **PRESSURIZED ENGINE ENCLOSURE WITH AIR FILTER FOR AN AGRICULTURAL WORK VEHICLE**
[54] **ENCEINTE DE MOTEUR SOUS PRESSION AVEC UN FILTRE A AIR POUR UN VEHICULE DE TRAVAIL AGRICOLE**
[72] SHEIDLER, ALAN D., US
[72] CHRISTENSEN, TIMOTHY F., US
[71] DEERE & COMPANY, US
[22] 2013-12-31
[41] 2014-07-15
[30] US (13/741,960) 2013-01-15

[21] **2,838,377**
[13] A1

[51] **Int.Cl. B65F 1/14 (2006.01) B65D 43/26 (2006.01) B65F 1/00 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **LID SECURING DEVICE AND REFUSE CONTAINER INCLUDING SAME**
[54] **DISPOSITIF DE FIXATION DE COUVERCLE ET CONTENEUR A DECHETS LE COMPORTANT**
[72] MAGNY, FRANCIS, CA
[71] MAGNY, FRANCIS, CA
[22] 2014-01-07
[41] 2014-07-17
[30] GB (1300830.5) 2013-01-17

[21] **2,838,380**
[13] A1

[51] **Int.Cl. F23N 1/02 (2006.01) F23D 14/02 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **MODULATING BURNER**
[54] **BRULEUR MODULANT**
[72] SMELCER, JIM C., US
[71] A.O. SMITH CORPORATION, US
[22] 2014-01-02
[41] 2014-07-16
[30] US (13/742,460) 2013-01-16

[21] **2,838,477**
[13] A1

[51] **Int.Cl. C09D 11/32 (2014.01) B42D 25/378 (2014.01) C09D 11/34 (2014.01) C09D 11/38 (2014.01) B41J 2/05 (2006.01) C09K 11/06 (2006.01)**
[25] EN
[54] **FLUORESCENT PHASE CHANGE INK COMPOSITIONS**
[54] **COMPOSITIONS D'ENCRE A CHANGEMENT DE PHASE FLUORESCENTES**
[72] IFTIME, GABRIEL, CA
[72] VANBESIEN, DARYL, CA
[72] DRAPPEL, STEPHAN V., CA
[72] BELELIE, JENNIFER L., CA
[72] GOREDEMA, ADELA, CA
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-16
[30] US (13/743,215) 2013-01-16

[21] **2,838,482**
[13] A1

[51] **Int.Cl. C09D 11/38 (2014.01) C09D 11/34 (2014.01)**
[25] EN
[54] **AMORPHOUS MATERIALS FOR USE IN PHASE CHANGE INKS**
[54] **MATERIAUX AMORPHES A UTILISER DANS LES ENCRE DE CHANGEMENT DE PHASE**
[72] MORIMITSU, KENTARO, CA
[72] GOREDEMA, ADELA, CA
[72] CHOPRA, NAVEEN, CA
[72] BELELIE, JENNIFER L., CA
[72] MAYO, JAMES D., CA
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-14
[30] US (13/741,354) 2013-01-14

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[21] **2,838,542**
[13] A1

[51] **Int.Cl. G03G 9/08 (2006.01)**
[25] EN
[54] **TONER ADDITIVES**
[54] **ADDITIFS D'ENCRE EN POUDRE**
[72] ANGRA, PADAM K., US
[72] VEREGIN, RICHARD P., US
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-18
[30] US (13/745,535) 2013-01-18

[21] **2,838,543**
[13] A1

[51] **Int.Cl. G03G 9/09 (2006.01) C08J 3/16 (2006.01) C09K 11/77 (2006.01)**
[25] EN
[54] **UV RED FLUORESCENT EA TONER**
[54] **TONER EA FLUORESCENT ROUGE UV**
[72] RICHARDS-JOHNSON, ROXAN, CA
[72] WOSNICK, JORDAN H., CA
[72] MOFFAT, KAREN A., CA
[72] ZWARTZ, EDWARD GRAHAM, CA
[72] ASFAW, BIRITAWIT, CA
[72] VEREGIN, RICHARD P.N., CA
[72] VONG, CUONG, CA
[72] ROTBERG, ERIC, CA
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-15
[30] US (13/741,628) 2013-01-15

[21] **2,838,551**
[13] A1

[51] **Int.Cl. G21C 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING A LEAKING FUEL CHANNEL IN A NUCLEAR REACTOR**
[54] **SYSTEMES ET PROCEDES POUR DETECTER UN CANAL DE COMBUSTIBLE QUI FUT DANS UN REACTEUR NUCLEAIRE**
[72] ZHAI, BEN BINGYL, CA
[71] CANDU ENERGY INC., CA
[22] 2014-01-07
[41] 2014-07-18
[30] US (61/754,021) 2013-01-18

[21] **2,838,566**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/455 (2006.01) G06F 11/30 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD AND APPARATUS FOR ADAPTIVE VIRTUALIZATION**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR VIRTUALISATION ADAPTATIVE**
[72] YEUNG, MICHAEL, CA
[72] BOOTLAND, THOMAS C., CA
[72] GRAY, TOM, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2014-01-07
[41] 2014-07-18
[30] US (13/744572) 2013-01-18

[21] **2,838,598**
[13] A1

[51] **Int.Cl. C09D 11/32 (2014.01) B42D 25/378 (2014.01) C09D 11/34 (2014.01) C09D 11/38 (2014.01) B41J 2/05 (2006.01) C09K 9/02 (2006.01)**
[25] EN
[54] **PHOTOCHROMIC PHASE CHANGE INK COMPOSITIONS**
[54] **COMPOSITIONS D'ENCRE A CHANGEMENT DE PHASE PHOTOCHROMIQUES**
[72] IFTIME, GABRIEL, CA
[72] VANBESIEN, DARYL W., CA
[72] DRAPPEL, STEPHAN V., CA
[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] GOREDEMA, ADELA, CA
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-16
[30] US (13/742931) 2013-01-16

[21] **2,838,601**
[13] A1

[51] **Int.Cl. A61C 1/02 (2006.01) A61C 1/07 (2006.01)**
[25] EN
[54] **MEDICAL, IN PARTICULAR DENTAL, HANDPIECE**
[54] **PARTIE DE PIECE A MAIN MEDICALE, NOTAMMENT DENTAIRE**
[72] SCHWARZBRAUN, JOSEF, AT
[71] W & H DENTALWERK BUERMOOS GMBH, AT
[22] 2014-01-07
[41] 2014-07-14
[30] EP (EP 13151104.0) 2013-01-14

[21] **2,838,607**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) H04W 4/24 (2009.01) H04W 12/04 (2009.01) G06Q 20/32 (2012.01) G06K 7/10 (2006.01) G07B 15/00 (2011.01) G07C 9/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENABLING TRANSACTIONS ON AN ASSOCIATED NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DES TRANSACTIONS SUR UN RESEAU ASSOCIE**
[72] ROUX, PASCAL, FR
[72] JEAN, ERIC, FR
[72] LIEVRE, GERALDINE, FR
[72] MEUNIER, JEAN-LUC, FR
[72] CIRIZA, VICTOR, FR
[72] GASTALDO, MICHEL, FR
[72] ROULLAND, FREDERIC, FR
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-14
[30] US (13/740380) 2013-01-14

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[21] **2,838,611**
[13] A1

[51] **Int.Cl. C08K 5/09 (2006.01) C08J 3/16 (2006.01) C08J 3/20 (2006.01) C08L 101/00 (2006.01) G03G 9/08 (2006.01)**

[25] EN

[54] **TUNING TONER GLOSS WITH BIO-BASED STABILIZERS**

[54] **TONER A NIVEAUX DE BRILLANCE AJUSTABLES A STABILISATEURS BIOSOURCES**

[72] WANG, YULIN, CA
[72] ZHOU, KE, CA
[72] NG, TIE HWEE, CA
[72] ZWARTZ, EDWARD G., CA
[72] VONG, CUONG, CA
[72] QIU, SHIGANG, CA
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-15
[30] US (13/741586) 2013-01-15

[21] **2,838,612**
[13] A1

[51] **Int.Cl. C09D 11/38 (2014.01) C09D 11/34 (2014.01) B01J 19/06 (2006.01)**

[25] EN

[54] **CYCLOHEXYL-MANNITOL DIKETAL DERIVATIVES AS VEHICLE MODIFIERS AND GELATORS**

[54] **DERIVES DE CYCLOHEXYL-MANNITOL DIKETAL EN TANT QUE MODIFICATEURS ET GELIFICATEURS DE VEHICULE**

[72] CHOPRA, NAVEEN, CA
[72] SACRIPANTE, GUERINO, CA
[71] XEROX CORPORATION, US
[22] 2014-01-07
[41] 2014-07-18
[30] US (13/745495) 2013-01-18

[21] **2,838,677**
[13] A1

[51] **Int.Cl. A47B 46/00 (2006.01) A47B 51/00 (2006.01) A47B 77/00 (2006.01) A47B 77/10 (2006.01)**

[25] EN

[54] **EXTENDING CABINET**

[54] **ARMOIRE A RALLONGE**

[72] SORBABA, JERRY, CA
[72] SLATER, DARREN, ZZ
[71] SORBABA, JERRY, CA
[71] SLATER, DARREN, CA
[22] 2014-01-09
[41] 2014-07-15
[30] US (61/752504) 2013-01-15

[21] **2,838,857**
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01) G01V 1/30 (2006.01)**

[25] EN

[54] **SEISMIC DATA PROCESSING INCLUDING TRUE-AZIMUTH THREE-DIMENSIONAL INTERNAL MULTIPLE ATTENUATION WITHOUT SUBSURFACE INFORMATION**

[54] **TRAITEMENT DE DONNEES SISMIQUES COMPRENANT UNE ATTENUATION MULTIPLE INTERNE TRIDIMENSIONNELLE AZIMUTALE SANS INFORMATION SOUTERRAINE**

[72] HUNG, BARRY, FR
[72] WANG, MIN, FR
[71] CGG SERVICES SA, FR
[22] 2014-01-09
[41] 2014-07-15
[30] US (61/752,566) 2013-01-15

[21] **2,838,862**
[13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) H02M 5/44 (2006.01) H02P 27/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR POWER CONVERSION**

[54] **SYSTEME ET PROCEDE DE CONVERSION DE PUISSANCE**

[72] ZHU, YI, CN
[72] ZHANG, FAN, CN
[72] SCHROEDER, STEFAN, DE
[72] SHEN, JIE, DE
[72] ZHANG, RICHARD S., FR
[72] SOUA, SAMIR, FR
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[22] 2014-01-09
[41] 2014-07-16
[30] CN (201310016219.6) 2013-01-16

[21] **2,838,864**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H02H 7/26 (2006.01) H02J 9/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR RESTORING POWER BASED ON FORECASTED LOADS**

[54] **PROCEDES ET SYSTEMES POUR RESTAURER LA PUISSANCE EN FONCTION DE CHARGES PREVUES**

[72] SAN ANDRES, RAMON JUAN, US
[72] NIGAM, ATUL, US
[72] ARVIND, KAMAL KUMAR, US
[72] BAIN, MARY ELIZABETH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-01-09
[41] 2014-07-18
[30] US (13/745,000) 2013-01-18

[21] **2,838,893**
[13] A1

[51] **Int.Cl. A61K 35/32 (2006.01) A61K 31/02 (2006.01) A61P 19/08 (2006.01) A61P 41/00 (2006.01)**

[25] EN

[54] **OXYGENATED DEMINERALIZED BONE MATRIX FOR BONE GROWTH**

[54] **MATRICE OSSEUSE DEMINERALISEE OXYGENEE DESTINEE A ETRE UTILISEE DANS LA CROISSANCE OSSEUSE**

[72] CARTER, ANDREW J., US
[72] SCARBOROUGH, NELSON L., US
[72] GRANT, RICHARD K., US
[72] PHILLIPS, FRANK M., US
[72] HOCHSCHULER, STEPHEN H., US
[71] THERACELL, INC., US
[22] 2014-01-13
[41] 2014-07-13
[30] US (13/740,244) 2013-01-13

[21] **2,838,997**
[13] A1

[51] **Int.Cl. A61F 5/455 (2006.01) A61F 5/44 (2006.01)**

[25] EN

[54] **PORTABLE FEMALE URINAL**

[54] **URINOIR PORTATIF POUR FEMMES**

[72] FALLIS, MARTHA JANE SMITH, US
[71] FALLIS, MARTHA JANE SMITH, US
[22] 2014-01-08
[41] 2014-07-16
[30] US (13/742,926) 2013-01-16
[30] US (13/998,056) 2013-09-26

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[21] **2,839,030**
 [13] A1

[51] **Int.Cl. G01V 1/28 (2006.01)**
 [25] EN
 [54] **HIGH-FIDELITY ADAPTIVE CURVELET DOMAIN PRIMARY-MULTIPLE SEPARATION PROCESSING OF SEISMIC DATA**

[54] **TRAITEMENT DE SEPARATION DE MULTIPLES ET DE PRIMAIRES DE DOMAINE DE COURBELETTES ADAPTATIVES HAUTE FIDELITE DE DONNEES SISMIQUES**

[72] WU, XIANG, FR
 [71] CGG SERVICES SA, FR
 [22] 2014-01-13
 [41] 2014-07-14
 [30] US (61/752,169) 2013-01-14

[21] **2,839,051**
 [13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01)**
 [25] EN
 [54] **BLOOD COLLECTION DEVICE FOR STABILIZING CELL-FREE RNA IN BLOOD DURING SAMPLE SHIPPING AND STORAGE**

[54] **DISPOSITIF DE COLLECTE DE SANG POUR STABILISER L'ARN ACELLULAIRE DANS LE SANG DURANT L'EXPEDITION ET LE STOCKAGE DES ECHANTILLONS**

[72] RYAN, WAYNE L., US
 [72] FERNANDO, M. ROHAN, US
 [72] QIN, JIANBING, US
 [71] STRECK, INC., US
 [22] 2014-01-13
 [41] 2014-07-14
 [30] US (61/751,983) 2013-01-14

[21] **2,839,072**
 [13] A1

[51] **Int.Cl. G06F 21/62 (2013.01) H04L 9/00 (2006.01) H04L 9/08 (2006.01)**
 [25] EN
 [54] **SECURE ONLINE DISTRIBUTED DATA STORAGE SERVICES**

[54] **SERVICES DE STOCKAGE DE DONNEES DISTRIBUES EN LIGNE SECURISES**

[72] PAUL, SANJOY, IN
 [72] SENGUPTA, SHUBHASHIS, IN
 [72] MOHAMEDRASHEED, ANNERVAZ KARUKAPADATH, IN
 [72] SAXENA, AMITABH, IN
 [72] KAULGUD, VIKRANT, IN
 [71] ACCENTURE GLOBAL SERVICES LIMITED, IE
 [22] 2014-01-13
 [41] 2014-07-14
 [30] IN (184/CHE/2013) 2013-01-14

[21] **2,839,084**
 [13] A1

[51] **Int.Cl. G21C 3/328 (2006.01) G21C 1/06 (2006.01) G21C 3/42 (2006.01)**
 [25] EN
 [54] **HETEROGENEOUS CORE DESIGNS AND THORIUM BASED FUELS FOR HEAVY WATER REACTORS**

[54] **CONCEPTIONS DE NOYAU HETEROGENE ET COMBUSTIBLES A BASE DE THORIUM POUR REACTEURS D'EAU LOURDE**

[72] BROMLEY, BLAIR P., CA
 [71] ATOMIC ENERGY OF CANADA LIMITED, CA
 [22] 2014-01-14
 [41] 2014-07-17
 [30] US (61/753,851) 2013-01-17

[21] **2,839,108**
 [13] A1

[51] **Int.Cl. H04B 3/03 (2006.01) H04W 16/26 (2009.01) H04W 88/14 (2009.01) H04W 92/00 (2009.01) H03D 7/00 (2006.01) H04B 3/46 (2006.01)**
 [25] EN
 [54] **COMMUNICATIONS NETWORK**

[54] **RESEAU DE COMMUNICATION**

[72] WOLCOTT, LAWRENCE D., US
 [72] JOHNS, KEVIN, US
 [71] COMCAST CABLE COMMUNICATIONS, LLC, US
 [22] 2014-01-13
 [41] 2014-07-14
 [30] US (13/740,848) 2013-01-14

[21] **2,839,110**
 [13] A1

[51] **Int.Cl. H01Q 9/24 (2006.01) H01Q 1/42 (2006.01) H03H 7/38 (2006.01)**
 [25] EN
 [54] **LOW PROFILE DIPOLE ANTENNA ASSEMBLY**

[54] **ENSEMBLE ANTENNE DOUBLET A PROFIL MINCE**

[72] HUYNH, SON HUY, US
 [71] NOVATEL INC., CA
 [22] 2014-01-13
 [41] 2014-07-14
 [30] US (61/752,026) 2013-01-14

[21] **2,839,111**
 [13] A1

[51] **Int.Cl. E21B 43/25 (2006.01)**
 [25] EN
 [54] **SELF-CONTAINED GAS IMPULSE CREATION**

[54] **CREATION D'IMPULSIONS GAZEUSES AUTONOMES**

[72] ASS, YURI, IL
 [72] KABISHCHER, GENNADI, IL
 [71] FLOW INDUSTRIES, LTD., IL
 [22] 2014-01-08
 [41] 2014-07-16
 [30] US (13/742,368) 2013-01-16

[21] **2,839,204**
 [13] A1

[51] **Int.Cl. B60P 7/04 (2006.01)**
 [25] EN
 [54] **SLIDING TARPAULIN TENSIONING AND LOCKING SYSTEM**

[54] **SYSTEME DE VERROUILLAGE ET DE MISE SOUS TENSION DE BACHE COULISSANTE**

[72] PETELKA, BRIAN W., CA
 [72] HENRY, ROB, CA
 [71] PETELKA INVESTMENTS INC., CA
 [22] 2014-01-14
 [41] 2014-07-14
 [30] US (61/752,178) 2013-01-14

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[21] **2,839,211**
[13] A1

[51] **Int.Cl. H02G 3/08 (2006.01)**
[25] EN
[54] **ELECTRICAL BOX HAVING SIGHT WINDOW AND MOUNTING ASSEMBLY**
[54] **COFFRET ELECTRIQUE COMPORTANT UNE FENETRE ET UN ENSEMBLE DE FIXATION**
[72] KORCZ, KRZYSZTOF, US
[72] JOHNSON, STEVEN J., US
[71] HUBBELL INCORPORATED, US
[22] 2014-01-14
[41] 2014-07-15
[30] US (13/742,098) 2013-01-15

[21] **2,839,214**
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/28 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT AND CARTRIDGE MEMBERS FOR USE THEREWITH**
[54] **INSTRUMENT CHIRURGICAL ET CARTOUCHES A UTILISER AVEC CELUI-CI**
[72] HESSLER, THOMAS R., US
[72] SWITALSKI, CHRISTOPHER, US
[71] COVIDIEN LP, US
[22] 2014-01-14
[41] 2014-07-18
[30] US (13/744,831) 2013-01-18

[21] **2,839,215**
[13] A1

[51] **Int.Cl. H01M 4/62 (2006.01) C08G 77/46 (2006.01) C08J 3/24 (2006.01) C08L 83/12 (2006.01) H01M 4/133 (2010.01) H01M 4/134 (2010.01)**
[25] EN
[54] **ELECTRODE FOR AN LI ION BATTERY HAVING A POLYETHER-SILOXANE COPOLYMER AS BINDER**
[54] **ELECTRODE POUR PILE ION-LITHIUM AYANT UN COPOLYMERE SILOXANE-POLYETHER COMME LIANT**
[72] GIGLER, PETER, DE
[72] HAUFE, STEFAN, DE
[72] STOHRER, JUERGEN, DE
[71] WACKER CHEMIE AG, DE
[22] 2014-01-14
[41] 2014-07-18
[30] DE (10 2013 200 750.7) 2013-01-18

[21] **2,839,217**
[13] A1

[51] **Int.Cl. F28F 21/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROTECTING HEAT EXCHANGER PIPES AND A CERAMIC COMPONENT**
[54] **PROCEDE ET DISPOSITIF DE PROTECTION DE TUBES D'ECHANGEUR THERMIQUE ET COMPOSANT EN CERAMIQUE**
[72] WEBER, TORALF, DE
[72] MARTIN, JOHANNES, DE
[71] MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK, DE
[22] 2014-01-13
[41] 2014-07-14
[30] DE (10 2013 000 424.1) 2013-01-14

[21] **2,839,221**
[13] A1

[51] **Int.Cl. B60S 3/04 (2006.01) B60S 1/66 (2006.01)**
[25] EN
[54] **SNOW REMOVAL APPARATUS AND SYSTEM**
[54] **APPAREIL ET SYSTEME DE DENEIGEMENT**
[72] VALVERDE, WILMAR, US
[72] HOGESTYN, BART, US
[71] SNOW BE GONE, INC., US
[22] 2014-01-13
[41] 2014-07-14
[30] US (61/751,998) 2013-01-14
[30] US (14/153,595) 2014-01-13

[21] **2,839,226**
[13] A1

[51] **Int.Cl. F15D 1/02 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **EXTENDED LENGTH FLOW CONDITIONER**
[54] **CONDITIONNEUR DE FLUX A LONGUEUR ETENDUE**
[72] SAWCHUK, DANIEL A., CA
[72] SELIRIO, REGINALD, CA
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[54] **TAPIS D'APPAREIL DE FORAGE A EMBOITEMENT**
[72] STASIEWICH, BRIAN, US
[72] SCHIFFNER, MARK, US
[71] RIG MATS OF AMERICA, INC., US
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[54] **TRAITEMENT DE DONNEES SISMIQUES COMPORTANT UNE CORRECTION COMPATIBLE EN SURFACE A CONTRAINTES DE DONNEES**
[72] GARCERAN, KATIA, FR
[72] LE MEUR, DAVID, FR
[72] LEVEQUE, ANDRE, FR
[71] CGG SERVICES SA, FR
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[54] **PATINS A LAME BRILLANTE**
[72] HANEY, RALPH, US
[72] ZHANG, ZHIHONG, US
[71] GLO-BLADES INTERNATIONAL INC., US
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[54] **DISPOSITIF POUR NETTOYER ENTRE LES DENTS**
[72] CHEN, MING-HSIANG, TW
[71] GEEFLOSS CORPORATION, TW
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[25] EN
[54] **INTEGRATED CARBON DIOXIDE REMOVAL AND AMMONIA-SODA PROCESS**
[54] **PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE ET AMMONIAQUE-SOUDE INTEGRE**
[72] KNIESBURGES, PETER, DE
[71] ALSTOM TECHNOLOGY LTD, CH
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[54] **HYDRONIC AIR HEATER**
[54] **RECHAUFFEUR D'AIR HYDRONIQUE**
[72] COHEN, KENNETH W., US
[71] MESTEK, INC., US
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[54] **METHODS AND COMPOSITIONS FOR MONITORING AND ENHANCING EARLY EMBRYO DEVELOPMENT**
[54] **PROCEDES ET COMPOSITIONS POUR SURVEILLER ET AMELIORER LE DEBUT DU DEVELOPPEMENT EMBRYONNAIRE**
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[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **MECANISME DE RETENUE, IMPLANT ET OUTIL**
[72] DESPIAU, JEROME, FR
[72] DE CONINCK, CEDRIC, FR
[72] PHAM, TAN-LOC, FR
[71] STRYKER SPINE, FR
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[54] **DISPOSITIF ELECTRONIQUE PORTATIF COMPORTANT UNE CARTE MEMOIRE POUR MENER DES TRANSACTIONS ELECTRONIQUES**
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[54] **DISPOSITIF DE CALIBRAGE POUR ARTICLES AGRICOLES**
[72] NILSON, MICHAEL A., US
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[54] **SYSTEM FOR CREATING A NEAR REAL TIME WELL LOG**
[54] **SYSTEME POUR CREER UNE DIAGRAPHIE DE PUIITS QUASI EN TEMPS REEL**
[72] SELMAN, THOMAS H., US
[72] JENNINGS, MATTHEW J., US
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[54] **APPAREIL DE RETRAIT DE FEUILLES**
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[72] CORRAL, MAXIMINO, US
[72] VALDIVIA RODRIGUEZ, EDGAR ENRIQUE, US
[72] FUENTES VILLASENOR, GABRIEL, US
[72] MALDONADOD MAGANA, MANUEL, US
[72] URIBE MEZA, CARLOS, US
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[54] **DENT AMELIOREE POUR BROYEUR A CYLINDRES**
[72] CURLETT, JONATHAN DANIEL, CA
[72] SERINK, NOLAN BRIAN, US
[71] BRADKEN CANADA LTD., CA
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[54] **APPLICATEUR D'AGRAFES CHIRURGICALES**
[72] MALKOWSKI, JAROSLAW T., US
[71] COVIDIEN LP, US
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[54] **SYSTEME CHIRURGICAL ELECTROMECHANIQUE PORTATIF DOTE D'UN AFFICHAGE DIAGNOSTIQUE A COMPARTIMENT A PILE**
[72] INGMANSON, MICHAEL D., US
[72] VALENTINE, KELLY, US
[72] HUFNAGEL, ELIZABETH, US
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[54] **SYSTEM AND METHOD FOR CATEGORIZING POSTINGS IN A SOCIAL MEDIA COMPUTER SYSTEM**
[54] **SYSTEME ET PROCEDE POUR CATEGORISER LES MESSAGES DANS UN SYSTEME INFORMATIQUE DE MEDIAS SOCIAUX**
[72] WEBB, JUSTIN, US
[71] YAPPEM LLC, US
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[54] **TAILLE-HERBE A DEUX BARILLETS POUR MATIERES VEGETALES**
[72] BEYERLEIN, BARRY, US
[72] LUO, ZHIDONG, CN
[71] BEYERLEIN, BARRY, US
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[54] **LOW PROFILE HIGH PERFORMANCE CASEMENT AND AWNING WINDOW KEEPER**
[54] **GACHE POUR FENETRE A BATTANTS OU A AUVENTS A HAUTE PERFORMANCE ET PROFIL BAS**
[72] NGUYEN, NIGHI CHRISTOPHER, US
[72] NEFF, MICHAEL, US
[72] BAUMAN, LEE, US
[72] RYSAVY, LOREN, US
[71] TRUTH HARDWARE CORPORATION, US
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[54] **COATED SEEDS**
[54] **GRAINES ENDUITES**
[72] FAUST, MICHAEL, US
[71] OMS INVESTMENTS, INC., US
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[54] **PROCEDE ET DISPOSITIF DE DETECTION DE CHUTE PAR ANALYSE D'IMAGES**

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[71] CASH SYSTEMS SECURITY, FR

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[54] **EXPRESSION-ENABLED AUDIO SIGNAL PROCESSING PLATFORM**

[54] **PLATEFORME DE TRAITEMENT DE SIGNAUX AUDIO A ACTIVATION D'EXPRESSION**

[72] SLIPP, JEFFREY ALAN, CA

[72] SMITH, CECIL TODD, CA

[71] STOMP LABS INC., CA

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[54] **CONDUCTOR COVER APPLICATOR WITH SPOOL**

[54] **APPLICATEUR DE COUVERCLE DE CONDUCTEUR AVEC BOBINE**

[72] NILES, MARTIN, CA

[71] CANTEGA TECHNOLOGIES INC., CA

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[54] **DISPOSITIF DE VERROUILLAGE DE BOUTON A CHARGE D'ADAPTATION**

[72] ZERGIEBEL, EARL M., US

[72] SUBRAMANIAN, ANAND, US

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[54] **AGENCEMENT DE DEGIVRAGE DE PALE DE ROTOR D'EOLIENNE**

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[72] WESTERGAARD, MARTIN, DK

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[54] **INSULATED BUILDING BLOCK AND WALL STRUCTURE**

[54] **BLOC DE CONSTRUCTION ISOLE ET STRUCTURE MURALE**

[72] JOHNSON, GARY R., US

[72] SOURLIS, TOM, US

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[54] **WOOD CHIPPER**

[54] **DECOUPEUSE A BOIS**

[72] SHIE, KURT M., US

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[54] **ADAPTER STRUCTURE OF VENTILATING FAN**

[54] **STRUCTURE D'ADAPTATEUR DE VENTILATEUR**

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[72] LONG, MIN, CN

[72] GAO, SHOUYONG, CN

[72] YANG, JINGTAO, CN

[72] TSUBOSA, DAISUKE, JP

[71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN

[71] PANASONIC CORPORATION, JP

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[54] **SYSTEME ET PROCEDE POUR RETIRER LES TALONS DES PNEUS**

[72] PROCELLO, JULIE K., US

[72] PEDERSON, LES, US

[72] BREHMER, JOE, US

[71] EAGLE INTERNATIONAL, LLC, US

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[72] PACEY, KENDALL LEE, US
[72] BERSCHIEDT, KEVIN THOMAS, US
[72] HOWELL, MATTHEW TODD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] LOLLAR, JAMES PATRICK, US
[72] RIDLEY, DEVIN, US
[71] TUTCO, INC., US
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[54] **OUTIL DE LIBERATION POUR UN EFFECTEUR TERMINAL D'UN APPAREIL D'AGRAFAGE CHIRURGICAL**
[72] VIOLA, FRANK J., US
[71] COVIDIEN LP, US
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[54] **APPLICATEUR D'ELEMENTS CHIRURGICAUX DE FIXATION**
[72] FISCHVOGT, GREGORY, US
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[54] **CLE DE SERRURERIE ET ENSEMBLE DE SERRURERIE A CYLINDRE CORRESPONDANT A UNE TELLE CLE**
[72] VALENTE, MASSIMO, FR
[72] MIGLIASSO, MARCO, IT
[71] VALENTE, MASSIMO, FR
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[54] **MECANISME DE FREINAGE POUR DISPOSITIF DE COMMANDE DE STORE A ROULEAU, MECANISME DE COMMANDE LE COMPORTANT ET POIGNEE DE COMMANDE POUR LE COMMANDER**
[72] BERGAMASCHI, GIANNI, IT
[71] ALTEX DECORATION LIMITEE, CA
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[54] **METHOD FOR DESTABILIZING BITUMEN-WATER AND OIL-WATER EMULSIONS USING LIME**
[54] **PROCEDE DE DESTABILISATION D'EMULSIONS BITUME-EAU ET EAU-HUILE AU MOYEN DE CHAUX**
[72] OZUM, BAKI, CA
[72] ROMANIUK, NIKOLAS A., CA
[71] APEX ENGINEERING INC., CA
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[54] **APPAREIL DE COIFFURE**
[72] LEUNG, ANTHONY KIT LUN, CN
[71] CONAIR CORPORATION, US
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[54] **MOTEUR NON-NON, AUCUN AJOUT DE CARBURANT, AUCUNE EMISSION**
[72] HOLUBOWICZ, STANISLAW K., CA
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[54] **UTILISATION DE REACTEURS NUCLEAIRES AUTOREGULES POUR TRAITER UNE FORMATION SOUTERRAINE**

[72] NGUYEN, SCOTT VINH, US

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[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[86] 2009-10-09 (PCT/US2009/060097)

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[21] **2,804,927**
[13] A1

[51] **Int.Cl. F25B 49/02 (2006.01) F24F 1/06 (2011.01) F24F 11/00 (2006.01) F25B 30/02 (2006.01)**

[25] EN

[54] **HEAT PUMP SYSTEM**

[54] **SYSTEME DE CHAUFFAGE THERMODYNAMIQUE**

[72] BOIS, DAVID G., US

[71] SCHWAB-VOLLHABER-LUBRATT, INC., US

[85] 2013-01-24

[86] 2013-01-17 (PCT/US2013/021832)

[87] (2804927)

[21] **2,821,677**
[13] A1

[51] **Int.Cl. A47J 27/12 (2006.01) A47J 36/24 (2006.01)**

[25] EN

[54] **COOKING UNIT AND ASSEMBLY THEREOF**

[54] **UNITE DE CUISSON ET SON ASSEMBLAGE**

[72] COBLENTZ, JAMIE, CA

[72] SOLIPA, VENESA, CA

[72] BECERRA, VICTOR, CA

[71] SENSIO INC., CA

[85] 2013-06-27

[86] 2013-02-18 (PCT/CA2013/000143)

[87] (2821677)

[30] US (61/753,644) 2013-01-17

[21] **2,849,450**
[13] A1

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

[25] EN

[54] **IN-LINE, HIGH PRESSURE WELL FLUID INJECTION BLENDING**

[54] **MELANGE D'INJECTION DE FLUIDE DE Puits HAUTE PRESSION EN LIGNE**

[72] COBB, DON B., US

[71] CHEMRIGHT, LLC, US

[85] 2014-04-22

[86] 2013-11-11 (PCT/US2013/069438)

[87] (2849450)

[30] US (61/754,188) 2013-01-18

[30] US (61/879,659) 2013-09-18

[30] US (14/075,436) 2013-11-08

[21] **2,849,463**
[13] A1

[51] **Int.Cl. B63B 27/30 (2006.01) B63B 23/00 (2006.01) B66B 9/00 (2006.01) B66C 13/02 (2006.01) B66C 23/18 (2006.01) B66F 11/00 (2006.01) E04G 3/28 (2006.01) E04H 12/00 (2006.01) F03D 11/00 (2006.01)**

[25] EN

[54] **WEATHER MAINTENANCE SYSTEM FOR AN OFFSHORE WIND TURBINE MAINTENANCE PROGRAM**

[54] **SYSTEME D'ENTRETIEN METEOROLOGIQUE POUR UN PROGRAMME D'ENTRETIEN D'EOLIENNE EN MER**

[72] CHIN, HOWARD M., JM

[72] CARRAHA, KIMBERLY A., US

[71] CHIN, HOWARD M., JM

[71] CARRAHA, KIMBERLY A., US

[85] 2014-04-23

[86] 2014-03-12 (PCT/US2014/024634)

[87] (2849463)

[30] US (61/793,822) 2013-03-15

[21] **2,853,574**
[13] A1

[51] **Int.Cl. A63F 13/30 (2014.01) G06Q 50/34 (2012.01) H04L 12/16 (2006.01)**

[25] EN

[54] **NEWS NETWORKS FOR ONLINE VIDEO GAMES**

[54] **RESEAUX D'ACTUALITES POUR JEUX VIDEO EN LIGNE**

[72] ST-AMAND, ERIC, CA

[71] INTERPROVINCIAL LOTTERY CORPORATION, CA

[85] 2014-04-25

[86] 2012-10-29 (PCT/CA2012/050770)

[87] (WO2013/059945)

[30] US (61/552,023) 2011-10-27

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[21] **2,853,675**
[13] A1

[51] **Int.Cl. B25B 27/02 (2006.01) B21D 39/04 (2006.01)**
[25] EN
[54] **INTEGRAL INSPECTION GAUGE FOR MANUAL CRIMPING TOOL**
[54] **JAUGE D'INSPECTION INTEGREE POUR OUTIL DE SERTISSAGE MANUEL**
[72] BOWLES, RICHARD R., US
[72] BARACSKAI, ROBERT M., US
[71] EMERSON ELECTRIC CO., US
[85] 2014-04-25
[86] 2012-11-06 (PCT/US2012/063744)
[73] (WO2014/062201)
[30] US (61/563,313) 2011-11-23
[30] US (13/616,040) 2012-09-14

[21] **2,854,709**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) C10L 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FUEL OIL**
[54] **PROCEDE DE PRODUCTION DE FUEL-OIL**
[72] ASAOKA, SACHIO, JP
[72] LI, XIAOHONG, JP
[72] KIMURA, TOSHIYUKI, JP
[71] KITAKYUSHU FOUNDATION FOR THE ADVANCEMENT OF INDUSTRY, SCIENCE AND TECHNOLOGY, JP
[85] 2014-05-06
[86] 2012-11-13 (PCT/JP2012/079412)
[87] (WO2013/073528)
[30] JP (2011-249712) 2011-11-15

[21] **2,854,895**
[13] A1

[51] **Int.Cl. D21C 11/12 (2006.01) B01F 1/00 (2006.01) B01J 4/00 (2006.01)**
[25] EN
[54] **COOLED SMELT RESTRICTOR AT COOLED SMELT SPOUT FOR DISTRUPTING SMELT FLOW FROM THE BOILER**
[54] **ETRANGLEUR DE FUSION REFROIDIE AU NIVEAU D'UNE GOULOTTE DE FUSION REFROIDIE POUR PERTURBER L'ECOULEMENT DE FUSION DEPUIS LA CHAUDIERE**
[72] KUJANPAA, OLLI, US
[71] ANDRITZ INC., US
[85] 2014-05-07
[86] 2012-11-09 (PCT/US2012/064292)
[87] (WO2013/071008)
[30] US (61/557,599) 2011-11-09
[30] US (13/671,746) 2012-11-08

[21] **2,855,017**
[13] A1

[51] **Int.Cl. A23L 1/00 (2006.01)**
[25] EN
[54] **LAYERING AND MICROENCAPSULATION OF THERMAL SENSITIVE BIOLOGICALLY ACTIVE MATERIAL USING HEAT ABSORBING MATERIAL LAYERS HAVING INCREASING MELTING POINTS**
[54] **STRATIFICATION ET MICROENCAPSULATION DE MATERIAU BIOLOGIQUEMENT ACTIF SENSIBLE A LA CHALEUR A L'AIDE DE COUCHES DE MATERIAUX ABSORBANT LA CHALEUR AVEC DES POINTS DE FUSION CROISSANTS**
[72] PENHASI, ADEL, IL
[71] KEEP COOL LTD., IL
[85] 2014-05-08
[86] 2012-11-11 (PCT/IL2012/050453)
[87] (WO2013/069021)
[30] US (61/558,479) 2011-11-11

[21] **2,855,799**
[13] A1

[51] **Int.Cl. B22D 17/22 (2006.01) B22D 17/02 (2006.01)**
[25] EN
[54] **DIE CAST NOZZLE AND METHOD FOR OPERATING A DIE CAST NOZZLE**
[54] **BUSE DE MOULAGE SOUS PRESSION ET PROCEDE DE FONCTIONNEMENT D'UNE BUSE DE MOULAGE SOUS PRESSION**
[72] KUSIC, IGOR, DE
[71] FERROFACTA GMBH, DE
[85] 2014-05-13
[86] 2012-11-15 (PCT/DE2012/100349)
[87] (WO2013/071926)
[30] DE (10 2011 055 398.3) 2011-11-15
[30] DE (10 2012 102 549.5) 2012-03-26

[21] **2,856,085**
[13] A1

[51] **Int.Cl. C07H 15/04 (2006.01) A61K 39/08 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07H 11/04 (2006.01) C07H 13/02 (2006.01)**
[25] EN
[54] **CLOSTRIDIUM DIFFICILE LIPOTEICHOIC ACID AND USES THEREOF**
[54] **ACIDE LIPOTEICHOIQUE DE CLOSTRIDIUM DIFFICILE ET UTILISATIONS DE CELUI-CI**
[72] REID, CHRISTOPHER, US
[72] LOGAN, SUSAN M., CA
[72] VINOGRADOV, EVGUENII, CA
[72] COX, ANDREW, CA
[72] BRISSON, JEAN-ROBERT, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA (NRC), CA
[85] 2014-05-16
[86] 2012-11-16 (PCT/CA2012/001051)
[87] (WO2013/071409)
[30] US (61/561,290) 2011-11-18

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[21] **2,856,089**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/055 (2006.01) G06T 15/00 (2011.01) G09B 5/02 (2006.01) G09B 9/00 (2006.01)**

[25] EN

[54] **COMPUTER GENERATED THREE DIMENSIONAL VIRTUAL REALITY ENVIRONMENT FOR IMPROVING MEMORY**

[54] **ENVIRONNEMENT DE REALITE VIRTUELLE TRIDIMENSIONNEL GENERE PAR ORDINATEUR, DESTINE A AMELIORER LA MEMOIRE**

[72] BOHBOT, VERONIQUE DEBORAH, CA

[71] BOHBOT, VERONIQUE DEBORAH, CA

[85] 2014-05-16

[86] 2012-11-16 (PCT/CA2012/001062)

[87] (WO2013/071417)

[30] US (61/560,647) 2011-11-16

[21] **2,856,094**
[13] A1

[51] **Int.Cl. G07C 3/14 (2006.01) G01N 37/00 (2006.01) G01K 11/12 (2006.01)**

[25] EN

[54] **A QUALITY CONTROL SENSOR METHOD, SYSTEM AND DEVICE FOR USE WITH BIOLOGICAL/ENVIRONMENTAL RAPID DIAGNOSTIC TEST DEVICES**

[54] **METHODE, SYSTEME ET DISPOSITIF CAPTEUR DE CONTROLE QUALITE A UTILISER AVEC DES DISPOSITIFS DE TEST DE DIAGNOSTIC RAPIDE BIOLOGIQUE/ENVIRONNEMENTAL**

[72] XIANG, QING, CA

[72] CHMURA, MACIEJ, CA

[72] FINE, IAN MICHAEL, CA

[72] GREENLAND, GRAHAM, CA

[72] ZASTAWNY, ROMAN, CA

[71] FIO CORPORATION, CA

[85] 2014-05-16

[86] 2012-11-20 (PCT/CA2012/001071)

[87] (WO2013/071423)

[30] US (61/561,919) 2011-11-20

[30] US (61/648,299) 2012-05-17

[21] **2,856,096**
[13] A1

[51] **Int.Cl. F25J 1/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR LIQUEFYING NATURAL GAS USING SINGLE MIXED REFRIGERANT AS REFRIGERATION MEDIUM**

[54] **DISPOSITIF ET PROCEDE DE LIQUEFACTION DE GAZ NATUREL AU MOYEN D'UN SEUL MILIEU ACTIF MELANGE EN GUISE DE MILIEU DE REFRIGERATION**

[72] HE, ZHENYONG, CN

[72] YU, LONG, CN

[72] ZHANG, SHENG, CN

[72] FU, JIANQING, CN

[72] ZHANG, XIAOZHE, CN

[71] XINDI ENERGY ENGINEERING TECHNOLOGY CO., LTD., CN

[85] 2014-05-06

[86] 2012-09-13 (PCT/CN2012/081334)

[87] (WO2013/071789)

[30] CN (201120459032.X) 2011-11-18

[21] **2,856,097**
[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01) A61C 17/20 (2006.01)**

[25] EN

[54] **BRUSH HEAD FOR A SONIC OR ULTRASONIC TOOTHBRUSH AND TOOTHBRUSH**

[54] **TETE DE BROSSE POUR UNE BROSSE A DENTS SONIQUE OU ULTRASONIQUE ET BROSSE A DENTS**

[72] GERLACH, DANIEL, DE

[72] EMEKCI, BULENT, DE

[71] EMAG AG, DE

[85] 2014-05-16

[86] 2012-11-20 (PCT/DE2012/100352)

[87] (WO2013/075704)

[30] DE (10 2011 055 564.1) 2011-11-21

[21] **2,856,099**
[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/00 (2006.01) A61B 5/00 (2006.01) G06K 9/62 (2006.01) G06T 7/00 (2006.01)**

[25] EN

[54] **PROCESS FOR OPTICAL COHERENCE TOMOGRAPHY AND APPARATUS FOR OPTICAL COHERENCE TOMOGRAPHY**

[54] **PROCESSUS POUR TOMOGRAPHIE A COHERENCE OPTIQUE (OCT) ET APPAREIL POUR TOMOGRAPHIE A COHERENCE OPTIQUE**

[72] MASSOW, OLE, DE

[72] WISWEH, HENNING, DE

[72] JEGLORZ, TOBIAS, DE

[71] WAVELIGHT GMBH, DE

[85] 2014-05-16

[86] 2011-12-28 (PCT/EP2011/006594)

[87] (WO2013/097877)

[21] **2,856,101**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/50 (2006.01) A61K 31/436 (2006.01) A61K 31/502 (2006.01) A61K 45/06 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **IMMUNOMODULATORY COMPOSITIONS**

[54] **COMPOSITIONS IMMUNOMODULATRICES**

[72] AVERSA, VINCENZO, IE

[72] COULTER, IVAN, IE

[72] ROSA, MONICA TORRES, IE

[72] MCDONALD, BERNARD FRANCIS, IE

[71] SIGMOID PHARMA LIMITED, IE

[85] 2014-05-16

[86] 2011-11-25 (PCT/EP2011/071088)

[87] (WO2012/069658)

[30] GB (1020032.7) 2010-11-25

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[21] **2,856,103**
[13] A1

[51] **Int.Cl. C07D 253/08 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01) C07D 401/06 (2006.01) C07D 401/14 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07F 7/18 (2006.01)**

[25] EN

[54] **MORPHOLINYL BENZOTRIAZINE FOR USE IN CANCER THERAPY**

[54] **MORPHOLINYL BENZOTRIAZINE S DESTINEES A ETRE UTILISEES EN ONCOTHERAPIE**

[72] MEDERSKI, WERNER, DE

[72] FUCHSS, THOMAS, DE

[72] EMDE, ULRICH, DE

[72] BUCHSTALLER, HANS-PETER, DE

[71] MERCK PATENT GMBH, DE

[85] 2014-05-16

[86] 2012-10-30 (PCT/EP2012/004542)

[87] (WO2013/072015)

[30] DE (10 2011 118 830.8) 2011-11-18

[21] **2,856,106**
[13] A1

[51] **Int.Cl. B64D 13/08 (2006.01) B64D 11/04 (2006.01)**

[25] EN

[54] **DEVICE FOR HEATING A PORTION OF A CABIN FLOOR IN AN AIRCRAFT CABIN**

[54] **DISPOSITIF DE CHAUFFAGE D'UNE SECTION DU PLANCHER DE LA CABINE D'UN AVION**

[72] KNEPPE, RONNY, DE

[72] STEPH, BERND, DE

[72] TRAN, TRONG, DE

[71] DIEHL AEROSPACE GMBH, DE

[85] 2014-05-16

[86] 2012-11-10 (PCT/EP2012/004684)

[87] (WO2013/075795)

[30] DE (10 2011 119 364.6) 2011-11-23

[21] **2,856,108**
[13] A1

[51] **Int.Cl. E04H 9/02 (2006.01)**

[25] EN

[54] **SEISMIC DISSIPATION MODULE MADE UP OF COMPRESSION-RESISTANT SPHERES IMMERSED IN A VARIABLE LOW DENSITY MATERIAL**

[54] **MODULE DE DISSIPATION SISMIQUE CONSTITUEE DE SPHERES RESISTANT A LA COMPRESSION IMMERGEES DANS UN MATERIAU DE FAIBLE DENSITE VARIABLE**

[72] GENTILI, GIUSEPPE, IT

[71] GENTILI, GIUSEPPE, IT

[85] 2014-05-16

[86] 2012-11-19 (PCT/EP2012/004798)

[87] (WO2013/075814)

[30] IT (MC2011A000066) 2011-11-21

[21] **2,856,109**
[13] A1

[51] **Int.Cl. A23L 2/00 (2006.01) A23L 2/38 (2006.01) C12C 7/04 (2006.01)**

[25] EN

[54] **NON-ALCOHOLIC, BEER-TASTE BEVERAGE HAVING HIGH RATIO OF MONOSACCHARIDES AND DISACCHARIDES**

[54] **BOISSON NON ALCOOLISEE AU GOUT DE BIERE DANS LAQUELLE LE RAPPORT ENTRE MONOSACCHARIDES ET DISACCHARIDES EST ELEVE**

[72] TERANISHI, TAKESHI, JP

[72] MOTOHASHI, ITSUKI, JP

[71] SUNTORY HOLDINGS LIMITED, JP

[85] 2014-05-15

[86] 2012-09-03 (PCT/JP2012/072316)

[87] (WO2013/077056)

[30] JP (2011-255369) 2011-11-22

[21] **2,856,110**
[13] A1

[51] **Int.Cl. B65D 43/02 (2006.01) B65D 8/04 (2006.01) B65D 51/16 (2006.01) B65D 77/20 (2006.01)**

[25] EN

[54] **SYNTHETIC RESIN CUP CONTAINER**

[54] **RECEPTACLE-GOBELET EN RESINE SYNTHETIQUE**

[72] KOBAYASHI, TAKAYUKI, JP

[71] YOSHINO KOGYOSHO CO., LTD., JP

[85] 2014-05-15

[86] 2012-09-26 (PCT/JP2012/074641)

[87] (WO2013/047554)

[30] JP (2011-216935) 2011-09-30

[30] JP (2011-216975) 2011-09-30

[21] **2,856,128**
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01)**

[25] EN

[54] **WELL TESTING**

[54] **ESSAI DE Puits**

[72] ZENITH, FEDERICO, NO

[72] TJONNAS, JOHANNES, NO

[72] SCHJOLBERG, INGRID, NO

[72] FOSS, BJARNE, NO

[72] GUNNERUD, VIDAR, NO

[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO

[71] SINVENT AS, NO

[85] 2014-05-15

[86] 2012-11-16 (PCT/EP2012/072897)

[87] (WO2013/072490)

[30] GB (1119847.0) 2011-11-17

[30] NO (20111580) 2011-11-17

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[21] **2,856,129**
[13] A1

[51] **Int.Cl. B24D 3/20 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**

[25] EN

[54] **ABRASIVE ARTICLE FOR ULTRA HIGH MATERIAL REMOVAL RATE GRINDING OPERATIONS**

[54] **ARTICLE ABRASIF POUR DES OPERATIONS DE BROYAGE A ULTRA GRANDE VITESSE POUR LE RETRAIT DE MATERIAU**

[72] SARANGI, NILANJAN, US
[72] CAMPANIELLO, JOHN, US
[72] GAFFNEY, JAMES M., US
[72] FOX, STEPHEN E., US
[72] BESSE, JOHN R., US
[72] WOODS, STEPHEN, GB
[72] FIX, RENAUD, FR
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2014-05-15
[86] 2012-11-21 (PCT/US2012/066273)
[87] (WO2013/078324)
[30] US (61/563,373) 2011-11-23

[21] **2,856,130**
[13] A1

[51] **Int.Cl. G06F 3/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ALLOCATING ERASURE CODED DATA TO DISK STORAGE**

[54] **PROCEDE ET SYSTEME CORRESPONDANT POUR L'AFFECTATION DE DONNEES D'EFFACEMENT CODEES A UN STOCKAGE SUR DISQUE**

[72] HEALEY, MICHAEL W., US
[72] CORDELLA, DAVID, US
[72] BEAVERSON, ARTHUR J., US
[72] BAGBY, STEVEN, US
[71] SIMPLIVITY CORPORATION, US
[85] 2014-05-15
[86] 2012-11-21 (PCT/US2012/066297)
[87] (WO2013/078342)
[30] US (13/302,510) 2011-11-22

[21] **2,856,131**
[13] A1

[51] **Int.Cl. F42B 33/06 (2006.01) F42D 5/04 (2006.01)**

[25] EN

[54] **SIMULATION CHAMBER AND METHOD FOR SETTING OFF EXPLOSIVE CHARGES CONTAINED IN FREIGHT IN A CONTROLLED MANNER**

[54] **CHAMBRE DE SIMULATION AINSI QUE PROCEDE POUR LE DECLenchement CONTROLE DE CHARGES EXPLOSIVES CONTENUES DANS DES MARCHANDISES**

[72] BOCK, MICHAEL, DE
[71] NAUTILUS SOFTWAREDESIGN, VERTRETEN DURCH IHREN INHABER, MICHAEL BOCK, DE
[85] 2014-03-19
[86] 2012-09-19 (PCT/EP2012/068397)
[87] (WO2013/041549)
[30] DE (10 2011 113 826.2) 2011-09-21

[21] **2,856,133**
[13] A1

[51] **Int.Cl. G07C 3/08 (2006.01)**

[25] EN

[54] **SENSOR SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE CAPTEURS**

[72] TOMLINS, GREGORY W., US
[72] CARUANA, ANDREW, CA
[72] MCKINLEY, TIMOTHY ALLEN, US
[72] DIEKEVERS, MARK STEVEN, US
[72] PLOUZEK, JOHN M., US
[72] TRONE, MATTHEW WILLIAM, US
[72] MEYER, ROBERT L., US
[71] CATERPILLAR INC., US
[85] 2014-03-28
[86] 2012-09-28 (PCT/US2012/057831)
[87] (WO2013/049513)
[30] US (61/542,148) 2011-09-30
[30] US (61/621,113) 2012-04-06
[30] US (13/628,662) 2012-09-27

[21] **2,856,135**
[13] A1

[51] **Int.Cl. G07D 3/14 (2006.01) B65G 51/00 (2006.01) G07D 13/00 (2006.01)**

[25] EN

[54] **CONVEYOR DEVICE FOR COINS**

[54] **DISPOSITIF DE TRANSPORT POUR PIECES DE MONNAIE**

[72] FAUL, THOMAS, DE
[72] LUFT, MICHAEL RUDOLPH, DE
[71] NOVOMATIC AG, AT
[85] 2014-05-16
[86] 2012-11-14 (PCT/EP2012/072534)
[87] (WO2013/072325)
[30] DE (102011055538.2) 2011-11-18

[21] **2,856,136**
[13] A1

[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT OR ANTI-ADM NON-IG SCAFFOLD FOR REDUCING THE RISK OF MORTALITY IN A PATIENT HAVING A CHRONIC OR ACUTE DISEASE OR ACUTE CONDITION**

[54] **ANTICORPS ANTI-ADRENOMEDULLINE (ADM) OU FRAGMENT D'ANTICORPS ANTI-ADM OU ECHAFAUDAGE NON-IG ANTI-ADM POUR LA REDUCTION DU RISQUE DE MORTALITE CHEZ UN PATIENT ATTEINT D'UNE MALADIECHRONIQUE OU AIGUE OU D'UN ETAT AIGU**

[72] BERGMANN, ANDREAS, DE
[71] ADRENOMED AG, DE
[85] 2014-05-16
[86] 2012-11-16 (PCT/EP2012/072929)
[87] (WO2013/072510)
[30] EP (11189450.7) 2011-11-16
[30] EP (12160017.5) 2012-03-16

PCT Applications Entering the National Phase

[21] **2,856,137**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 35/76 (2006.01) C12N 7/01 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01) C12Q 1/70 (2006.01)**

[25] EN

[54] **VIRUS VECTORS FOR HIGHLY EFFICIENT TRANSGENE DELIVERY**

[54] **VECTEURS VIRAUX POUR ADMINISTRATION DE TRANSGENES HAUTEMENT EFFICACE**

[72] MINGOZZI, FEDERICO, US

[72] ANGUELA, XAVIER, US

[72] WRIGHT, J. FRASER, US

[72] HIGH, KATHERINE A., US

[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US

[85] 2014-05-15

[86] 2012-11-21 (PCT/US2012/066380)

[87] (WO2013/078400)

[30] US (61/562,795) 2011-11-22

[30] US (61/639,025) 2012-04-26

[30] US (61/682,019) 2012-08-10

[21] **2,856,138**
[13] A1

[51] **Int.Cl. H01F 7/02 (2006.01) H01F 7/04 (2006.01)**

[25] EN

[54] **ROTARY SWITCHABLE MULTI-CORE ELEMENT PERMANENT MAGNET-BASED APPARATUS**

[54] **APPAREIL BASE SUR UN AIMANT PERMANENT A ELEMENT MULTI-NOYAUX COMMUTABLE ROTATIF**

[72] MICHAEL, JIM G., US

[71] CREATIVE ENGINEERING SOLUTIONS, INC., US

[85] 2014-05-15

[86] 2012-11-28 (PCT/US2012/066834)

[87] (WO2013/085772)

[30] US (13/313,315) 2011-12-07

[21] **2,856,139**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 50/22 (2012.01)**

[25] EN

[54] **COMPETITIVE RACE SYSTEM**

[54] **SYSTEME DE COURSE DE COMPETITION**

[72] WATTERSON, SCOTT R., US

[71] ICON HEALTH & FITNESS, INC., US

[85] 2014-05-15

[86] 2012-12-21 (PCT/US2012/071457)

[87] (WO2013/096889)

[30] US (61/580,166) 2011-12-23

[21] **2,856,141**
[13] A1

[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT OR AN ANTI-ADM NON-IG SCAFFOLD FOR USE IN THERAPY**

[54] **ANTICORPS ANTI-ADRENOMEDULLINE (ADM) OU FRAGMENT D'ANTICORPS ANTI-ADM OU ECHAFAUDAGE NON-IG ANTI-ADM POUR APPLICATION THERAPEUTIQUE**

[72] BERGMANN, ANDREAS, DE

[71] ADRENOMED AG, DE

[85] 2014-05-16

[86] 2012-11-16 (PCT/EP2012/072931)

[87] (WO2013/072512)

[30] EP (11189448.1) 2011-11-16

[30] EP (1260018.3) 2012-03-16

[21] **2,856,142**
[13] A1

[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT OR ANTI-ADM NON-IG SCAFFOLD FOR USE IN THERAPY OF AN ACUTE DISEASE OR ACUTE CONDITION OF A PATIENT FOR STABILIZING THE CIRCULATION**

[54] **ANTICORPS ANTI-ADRENOMEDULLINE (ADM) OU FRAGMENT D'ANTICORPS ANTI-ADM OU ECHAFAUDAGE NON-IG ANTI-ADM POUR L'APPLICATION THERAPEUTIQUE EN CAS D'UNE MALADIE AIGUE OU D'UN ETAT AIGU D'UN PATIENT POUR LA STABILISATION DE LA CIRCULATION**

[72] BERGMANN, ANDREAS, DE

[71] ADRENOMED AG, DE

[85] 2014-05-16

[86] 2012-11-16 (PCT/EP2012/072932)

[87] (WO2013/072513)

[30] EP (11189449.9) 2011-11-16

[30] EP (12160016.7) 2012-03-16

[21] **2,856,145**
[13] A1

[51] **Int.Cl. C08H 7/00 (2011.01) B27N 3/00 (2006.01) C08G 8/20 (2006.01) C08L 97/00 (2006.01) C08L 97/02 (2006.01) C09J 161/12 (2006.01) C09J 197/00 (2006.01)**

[25] EN

[54] **A METHOD FOR INCREASING THE REACTIVITY OF LIGNIN**

[54] **PROCEDE D'AUGMENTATION DE LA REACTIVITE DE LA LIGNINE**

[72] PIETARINEN, SUVI, FI

[72] RINGENA, OKKO, DE

[72] ESKELINEN, KATI, FI

[72] VALKONEN, SANNA, DE

[71] UPM-KYMMENE CORPORATION, FI

[85] 2014-04-11

[86] 2013-03-28 (PCT/FI2013/050353)

[87] (WO2013/144454)

[30] FI (20125358) 2012-03-29

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[21] **2,856,146**
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACTIVITY LEVEL VISUALIZATION IN AN ELECTRONIC CALENDAR**
[54] **PROCEDE ET APPAREIL DE VISUALISATION DE NIVEAU D'ACTIVITE DANS UN CALENDRIER ELECTRONIQUE**
[72] SARRAZIN, JACOU, CA
[72] BELITSKY, VITALIY, CA
[71] BLACKBERRY LIMITED, CA
[85] 2014-04-17
[86] 2012-02-17 (PCT/CA2012/050092)
[87] (WO2013/056359)
[30] US (61/550,029) 2011-10-21

[21] **2,856,147**
[13] A1

[51] **Int.Cl. B60R 22/32 (2006.01) B60N 2/58 (2006.01)**
[25] EN
[54] **ASSISTED RESCUE SYSTEM**
[54] **SYSTEME DE SAUVETAGE ASSISTE**
[72] PFISTER, KARL GERHARD, CA
[71] ARMATEC SURVIVABILITY CORP., CA
[85] 2014-04-22
[86] 2012-10-24 (PCT/CA2012/000990)
[87] (WO2013/059921)
[30] US (61/550,682) 2011-10-24

[21] **2,856,148**
[13] A1

[51] **Int.Cl. A47F 3/04 (2006.01)**
[25] EN
[54] **MODULAR REFRIGERATED MERCHANDISE DISPLAY SYSTEM**
[54] **SYSTEME DE PRESENTATION DE MARCHANDISES REFRIGEREES MODULAIRES**
[72] JAJA, EMAD, US
[71] PEPSICO, INC., US
[85] 2014-04-29
[86] 2012-11-09 (PCT/US2012/064279)
[87] (WO2013/071002)
[30] US (13/292,166) 2011-11-09

[21] **2,856,149**
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INFLAMMATORY DISORDERS USING ANTI-M-CSF ANTIBODIES**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES INFLAMMATOIRES UTILISANT DES ANTICORPS ANTI-M-CSF**
[72] HEGEN, MARTIN, US
[72] YOUNG, DEBORAH ANN, US
[72] GUAY, HEATH M., US
[72] DUNUSSI-JOANNOPOULOS, KYRIAKI, US
[72] SRIDHARAN, SUDHAKAR, US
[72] DIEHL, ANNETTE, US
[72] COMER, GAIL, US
[72] O'TOOLE, MARGOT MARY, US
[72] BEEBE, JEAN ELIZABETH, US
[72] FOGEL, ROBERT, US
[72] HONCZARENKO, MAREK, US
[72] BEIDLER, DAVID, US
[72] REDDY, PADMALATHA SUNKARA, US
[72] VON SCHACK, DAVID JOHANNES, US
[71] PFIZER INC., US
[85] 2014-04-17
[86] 2012-11-02 (PCT/IB2012/056125)
[87] (WO2013/068902)
[30] US (61/557,175) 2011-11-08

[21] **2,856,150**
[13] A1

[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT OR ANTI-ADM NON-IG SCAFFOLD FOR REGULATING THE FLUID BALANCE IN A PATIENT HAVING A CHRONIC OR ACUTE DISEASE**
[54] **ANTICORPS ANTI-ADRENOMEDULLINE (ADM) OU FRAGMENT D'ANTICORPS ANTI-ADM OU ECHAFAUDAGE NON-IG ANTI-ADM POUR LA REGULATION DE L'EQUILIBRE DE FLUIDE CHEZ UN PATIENT ATTEINT D'UNE MALADIE CHRONIQUE OU AIGUE**
[72] BERGMANN, ANDREAS, DE
[71] ADRENOMED AG, DE
[85] 2014-05-16
[86] 2012-11-16 (PCT/EP2012/072933)
[87] (WO2013/072514)
[30] EP (11189452.3) 2011-11-16

[21] **2,856,151**
[13] A1

[51] **Int.Cl. D21B 1/02 (2006.01) B02C 13/22 (2006.01) D21D 1/20 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING NANOFIBRIL CELLULOSE**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE DE NANOFIBRILLES**
[72] TAMPER, JUHA, FI
[72] NUOPPONEN, MARKUS, FI
[71] UPM-KYMMENE CORPORATION, FI
[85] 2014-04-17
[86] 2012-11-14 (PCT/FI2012/051116)
[87] (WO2013/072559)
[30] FI (20116130) 2011-11-14

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[13] A1

[51] **Int.Cl. A61M 39/02 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE INJECTION PORT**
[54] **ORIFICE D'INJECTION IMPLANTABLE**
[72] FRANKLIN, ETHAN, US
[72] SCHWAB, JUSTIN J., US
[72] DOMINGUEZ, ZACHARY P., US
[71] APOLLO ENDOSURGERY, INC., US
[85] 2014-04-22
[86] 2012-10-18 (PCT/US2012/060760)
[87] (WO2013/059419)
[30] US (13/277,802) 2011-10-20

[21] **2,856,153**
[13] A1

[51] **Int.Cl. C07K 5/08 (2006.01) A61K 31/06 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **PEPTIDE**
[54] **PEPTIDE**
[72] RAUO, JARAN, NO
[71] MAREALIS AS, NO
[85] 2014-04-22
[86] 2011-07-13 (PCT/GB2011/051314)
[87] (WO2012/056205)
[30] GB (1018125.3) 2010-10-26

[21] **2,856,154**
[13] A1

[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT OR ANTI-ADM NON-IG SCAFFOLD FOR PREVENTION OR REDUCTION OF ORGAN DYSFUNCTION OR ORGAN FAILURE IN A PATIENT HAVING A CHRONIC OR ACUTE DISEASE OR ACUTE CONDITION**
[54] **ANTICORPS ANTI-ADRENOMEDULLINE (ADM) OU FRAGMENT D'ANTICORPS ANTI-ADM OU ECHAFAUDAGE NON-IG ANTI-ADM POUR LA PREVENTION OU LA REDUCTION D'UN DYSFONCTIONNEMENT ORGANIQUE OU D'UNE INSUFFISANCE ORGANIQUE CHEZ UN PATIENT ATTEINT D'UNE MALADIE CHRONIQUE OU AIGUE OU UN D'ETAT AIGU**
[72] BERGMANN, ANDREAS, DE
[71] ADRENOMED AG, DE
[85] 2014-05-16
[86] 2012-11-16 (PCT/EP2012/072930)
[87] (WO2013/072511)
[30] EP (11189447.3) 2011-11-16

[21] **2,856,155**
[13] A1

[51] **Int.Cl. C04B 7/147 (2006.01) C04B 7/153 (2006.01) C04B 28/08 (2006.01) C22B 7/04 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR POZZOLANIC BINDERS DERIVED FROM NON-FERROUS SMELTER SLAGS**
[54] **PROCEDE ET COMPOSITIONS POUR LIANTS POUZZOLANIQUES DERIVES DE LAITIERS NON FERREUX DE FONDERIE**
[72] HEMMINGS, RAYMOND T., US
[72] CORNELIUS, BRUCE J., CA
[71] FLYANIC, LLC, US
[85] 2014-04-22
[86] 2012-10-22 (PCT/US2012/061337)
[87] (WO2013/059799)
[30] US (61/549,459) 2011-10-20
[30] US (61/565,690) 2011-12-01
[30] US (61/625,753) 2012-04-18

[21] **2,856,156**
[13] A1

[51] **Int.Cl. A43C 15/16 (2006.01)**
[25] EN
[54] **SPORTS SHOE, PARTICULARLY FOR SOCCER USE AND THE LIKE**
[54] **CHAUSSURE DE SPORT, EN PARTICULIER POUR LE FOOTBALL ET SPORTS SIMILAIRES**
[72] CAMPARI, ENRICO, IT
[71] CAMPARI, ENRICO, IT
[85] 2014-05-16
[86] 2012-11-09 (PCT/EP2012/072322)
[87] (WO2013/072260)
[30] IT (MI2011A002089) 2011-11-17

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[21] **2,856,157**
[13] A1

[51] **Int.Cl. H04W 40/24 (2009.01) H04L 12/717 (2013.01) H04L 12/751 (2013.01)**

[25] EN

[54] **ASSISTED INTELLIGENT ROUTING FOR MINIMALISTIC CONNECTED OBJECT NETWORKS**

[54] **ROUTAGE INTELLIGENT ASSISTE POUR OBJETS CONNECTES MINIMALISTES**

[72] VASSEUR, JEAN-PHILIPPE, FR

[71] CISCO TECHNOLOGY, INC., US

[85] 2014-04-22

[86] 2012-12-20 (PCT/US2012/070942)

[87] (WO2013/096618)

[30] US (13/331,686) 2011-12-20

[21] **2,856,158**
[13] A1

[51] **Int.Cl. F04D 25/08 (2006.01) F04F 5/16 (2006.01) F04F 5/46 (2006.01)**

[25] EN

[54] **A FAN ASSEMBLY**

[54] **ENSEMBLE VENTILATEUR**

[72] DOS REIS, DAVID, GB

[72] COWEN, DANIEL GEORGE, GB

[72] GAMMACK, PETER DAVID, GB

[71] DYSON TECHNOLOGY LIMITED, GB

[85] 2014-04-28

[86] 2012-11-05 (PCT/GB2012/052742)

[87] (WO2013/068727)

[30] GB (1119500.5) 2011-11-11

[30] GB (1205576.0) 2012-03-29

[21] **2,856,159**
[13] A1

[51] **Int.Cl. B32B 27/12 (2006.01) B32B 5/02 (2006.01) B32B 5/26 (2006.01) B32B 7/02 (2006.01) D03D 1/00 (2006.01) D04B 1/00 (2006.01) D06M 17/00 (2006.01)**

[25] EN

[54] **LAMINATED CLOTH**

[54] **STRATIFIE A BASE DE TISSU**

[72] NOZAKI, YUICHIRO, JP

[72] KOBAYASHI, SATOSHI, JP

[71] W. L. GORE & ASSOCIATES, CO., LTD., JP

[85] 2014-04-30

[86] 2012-10-30 (PCT/JP2012/078045)

[87] (WO2013/065688)

[30] JP (2011-240148) 2011-11-01

[21] **2,856,160**
[13] A1

[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/30 (2006.01) A61K 36/28 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING CHICORY EXTRACT**

[54] **COMPOSITION COMPRENANT DE L'EXTRAIT DE CHICOREE**

[72] CHAPAL, NICOLAS, FR

[72] BEEJMOHUN, VICKRAM, FR

[71] DIALPHA, FR

[85] 2014-05-16

[86] 2012-11-19 (PCT/EP2012/072984)

[87] (WO2013/072522)

[30] EP (11306518.9) 2011-11-18

[21] **2,856,161**
[13] A1

[51] **Int.Cl. G01N 29/02 (2006.01) G01N 29/00 (2006.01) G01N 29/24 (2006.01) H03H 9/145 (2006.01) H03H 9/25 (2006.01)**

[25] EN

[54] **SURFACE ACOUSTIC WAVE SENSOR**

[54] **CAPTEUR D'ONDE ACOUSTIQUE DE SURFACE**

[72] KOGAI, TAKASHI, JP

[72] YATSUDA, HIROMI, JP

[71] JAPAN RADIO CO., LTD., JP

[85] 2014-04-30

[86] 2012-11-01 (PCT/JP2012/078338)

[87] (WO2013/065789)

[30] JP (2011-240492) 2011-11-01

[30] JP (2011-240493) 2011-11-01

[30] JP (2011-281611) 2011-12-22

[21] **2,856,162**
[13] A1

[51] **Int.Cl. E21B 37/00 (2006.01) E21B 27/02 (2006.01) E21B 37/06 (2006.01)**

[25] EN

[54] **A CLEANING TOOL AND A METHOD FOR TREATING AN INNER SURFACE OF A CASING**

[54] **OUTIL DE NETTOYAGE ET PROCEDE DE TRAITEMENT D'UNE SURFACE INTERNE D'UN TUBAGE**

[72] HALLUNDBAEK, JORGEN, DK

[71] WELLTEC A/S, DK

[85] 2014-05-16

[86] 2012-11-29 (PCT/EP2012/073914)

[87] (WO2013/079572)

[30] EP (11191284.6) 2011-11-30

[21] **2,856,163**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **MICROARRAY FABRICATION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE FABRICATION DE MICROPUCES**

[72] BOWEN, M. SHANE, US

[72] GUNDERSON, KEVIN L., US

[72] LIN, SHENGRONG, US

[72] BACIGALUPO, MARIA CANDELARIA ROBERT, US

[72] VIJAYAN, KANDASWAMY, US

[72] WU, YIR-SHYUAN, US

[72] VENKATESAN, BALA MURALI, US

[72] TSAY, JAMES, US

[72] BEIERLE, JOHN M., US

[72] BERTI, LORENZO, US

[72] PARK, SANG RYUL, US

[71] ILLUMINA, INC., US

[85] 2014-04-28

[86] 2012-10-26 (PCT/US2012/062105)

[87] (WO2013/063382)

[30] US (61/552,712) 2011-10-28

[21] **2,856,164**
[13] A1

[51] **Int.Cl. C22B 34/34 (2006.01) C21C 5/52 (2006.01) C22C 35/00 (2006.01)**

[25] EN

[54] **IRON AND MOLYBDENUM CONTAINING PELLETS**

[54] **BOULETTES CONTENANT DU FER ET DU MOLYBDENE**

[72] ARVIDSSON, JOHAN, SE

[71] AB FERROLEGERINGAR, SE

[85] 2014-05-16

[86] 2012-11-26 (PCT/EP2012/073599)

[87] (WO2013/076300)

[30] EP (11190836.4) 2011-11-25

[30] SE (1250162-3) 2012-02-22

[30] SE (1250503-8) 2012-05-16

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[21] **2,856,165**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **REAR CASING, ROTOR BLADE WITH REAR CASING, AND A WIND TURBINE THAT COMPRISES SUCH A ROTOR BLADE**
[54] **CAISSON ARRIERE, PALE DE ROTOR AVEC CAISSON ARRIERE ET EOLIENNE EQUIPEE D'UNE PALE DE ROTOR**
[72] HOFFMANN, ALEXANDER, DE
[72] KANNENBERG, JOHANNES, DE
[72] BAKER, LAURENCE, DE
[72] SPIETH, FALK, DE
[71] WOBLEN PROPERTIES GMBH, DE
[85] 2014-05-16
[86] 2012-11-30 (PCT/EP2012/074041)
[87] (WO2013/083481)
[30] DE (10 2011 088 048.8) 2011-12-08
[30] DE (10 2012 209 935.2) 2012-06-13

[21] **2,856,166**
[13] A1

[51] **Int.Cl. E21B 23/04 (2006.01) E21B 31/20 (2006.01)**
[25] EN
[54] **PULLING TOOL**
[54] **OUTIL DE TRACTION**
[72] HALLUNDBAEK, JORGEN, DK
[72] EVERTSEN, STEFFEN, NO
[72] SOMMER, RASMUS, DK
[71] WELLTEC A/S, DK
[85] 2014-05-16
[86] 2012-11-29 (PCT/EP2012/073915)
[87] (WO2013/079573)
[30] EP (11191285.3) 2011-11-30

[21] **2,856,167**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR BLADDER CANCER AND METHODS USING THE SAME**
[54] **BIOMARQUEURS DU CANCER DE LA VESSIE ET METHODES D'UTILISATION DE CEUX-CI**
[72] MCDUNN, JONATHAN E., US
[72] PERICHON, REGIS, US
[72] NERI, BRUCE, US
[72] WITTMANN, BRYAN, US
[71] METABOLON, INC., US
[85] 2014-04-28
[86] 2012-11-08 (PCT/US2012/064051)
[87] (WO2013/070839)
[30] US (61/558,688) 2011-11-11
[30] US (61/692,738) 2012-08-24

[21] **2,856,168**
[13] A1

[51] **Int.Cl. B65D 45/16 (2006.01) A44B 19/22 (2006.01) F16B 3/00 (2006.01) F16B 5/06 (2006.01) F16B 7/04 (2006.01) F16L 37/08 (2006.01)**
[25] EN
[54] **IMPROVED CONNECTING METHOD**
[54] **PROCEDE DE RACCORDEMENT AMELIORE**
[72] PETTIGREW, JOHN HAMISH ALEXANDER, AU
[72] PERCY, THOMAS DAVID, AU
[71] JOINLOCK PTY LTD, AU
[85] 2014-05-01
[86] 2011-11-11 (PCT/AU2011/001463)
[87] (WO2012/061900)
[30] AU (2010905008) 2010-11-11
[30] AU (2011901274) 2011-04-06

[21] **2,856,169**
[13] A1

[51] **Int.Cl. E21B 33/124 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **ANNULAR BARRIER SYSTEM WITH FLOW LINES**
[54] **SYSTEME DE BARRIERES ANNULAIRES COMPRENANT CONDUITES D'ECOULEMENT**
[72] HALLUNDBAEK, JORGEN, DK
[72] HAZEL, PAUL, GB
[71] WELLTEC A/S, DK
[85] 2014-05-16
[86] 2012-11-29 (PCT/EP2012/073918)
[87] (WO2013/079575)
[30] EP (11191287.9) 2011-11-30

[21] **2,856,170**
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01)**
[25] EN
[54] **ECCENTRIC SLEEVE FOR DIRECTIONAL DRILLING SYSTEMS**
[54] **MANCHON EXCENTRE POUR SYSTEMES DE FORAGE DIRECTIONNELS**
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-04-29
[86] 2012-10-25 (PCT/US2012/061774)
[87] (WO2013/066695)
[30] US (13/289,729) 2011-11-04

[21] **2,856,171**
[13] A1

[51] **Int.Cl. G01C 19/574 (2012.01) G01C 19/56 (2012.01)**
[25] EN
[54] **INERTIAL ANGULAR SENSOR OF BALANCED MEMS TYPE AND METHOD FOR BALANCING SUCH A SENSOR**
[54] **CAPTEUR ANGULAIRE INERTIEL DU TYPE A MICROSYSTEME ELECTROMECHANIQUE EQUILIBRE ET PROCEDE D'EQUILIBRAGE D'UN TEL CAPTEUR**
[72] JEANROY, ALAIN, FR
[71] SAGEM DEFENSE SECURITE, FR
[85] 2014-05-16
[86] 2012-12-03 (PCT/EP2012/074290)
[87] (WO2013/083534)
[30] FR (11 03733) 2011-12-06
[30] US (61/650,668) 2012-05-23

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[21] **2,856,172**
[13] A1

[51] **Int.Cl. E21B 33/124 (2006.01) E21B 47/06 (2012.01) E21B 47/10 (2012.01)**
[25] EN
[54] **PRESSURE INTEGRITY TESTING SYSTEM**
[54] **SYSTEME DE TEST D'INTEGRITE VIS-A-VIS DE LA PRESSION**
[72] HALLUNDBAEK, JORGEN, DK
[72] HAZEL, PAUL, GB
[71] WELLTEC A/S, DK
[85] 2014-05-16
[86] 2012-11-29 (PCT/EP2012/073916)
[87] (WO2013/079574)
[30] EP (11191286.1) 2011-11-30

[21] **2,856,173**
[13] A1

[51] **Int.Cl. C07D 307/46 (2006.01)**
[25] EN
[54] **SEPARATING OFF 5-HYDROXYMETHYLFURFURAL (HMF) FROM REACTION SOLUTIONS BY STEAM DISTILLATION**
[54] **SEPARATION DE 5-HYDROXYMETHYLFURFURAL (HMF) DE SOLUTIONS REACTIONNELLES PAR DISTILLATION A LA VAPEUR D'EAU**
[72] BOHLING, RALF, DE
[72] BLANK, BENOIT, DE
[72] KINDLER, ALOIS, DE
[72] FELDNER, CARMEN, DE
[72] UMLAUF, SANDRA, DE
[71] BASF SE, DE
[85] 2014-05-16
[86] 2012-12-07 (PCT/EP2012/074737)
[87] (WO2013/087523)
[30] EP (11193154.9) 2011-12-13

[21] **2,856,174**
[13] A1

[51] **Int.Cl. B01D 67/00 (2006.01) C13B 20/16 (2011.01) B01D 61/02 (2006.01) C13K 13/00 (2006.01)**
[25] EN
[54] **NANOFILTRATION PROCESS WITH PRE-TREATMENT TO ENHANCE SOLUTE FLUX**
[54] **PROCEDE DE NANOFILTRATION AVEC UN PRETRAITEMENT POUR AMELIORER LE FLUX DE SOLUTE**
[72] MATTILA, JARI, DK
[72] KOIVIKKO, HANNU, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2014-05-16
[86] 2012-12-05 (PCT/EP2012/074490)
[87] (WO2013/083623)
[30] US (61/567,815) 2011-12-07

[21] **2,856,175**
[13] A1

[51] **Int.Cl. B65D 85/68 (2006.01) B65B 11/00 (2006.01) B65D 81/02 (2006.01)**
[25] EN
[54] **PROTECTIVE-CASE SET AND METHOD FOR PACKAGING A LARGE COMPONENT**
[54] **ENSEMBLE ENVELOPPE DE PROTECTION ET PROCEDE POUR EMBALLER UNE PIECE DE GRANDES DIMENSIONS**
[72] MULLER, CHRISTOPH, DE
[72] SCHUMANN, SVEN, DE
[71] SENVION SE, DE
[85] 2014-05-16
[86] 2012-11-22 (PCT/EP2012/073371)
[87] (WO2013/076201)
[30] DE (10 2011 087 161.6) 2011-11-26

[21] **2,856,176**
[13] A1

[51] **Int.Cl. C08F 14/18 (2006.01) C07C 247/00 (2006.01) C07C 311/49 (2006.01) C08F 214/22 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **FLUOROALLYLSULFONYL AZIDE MONOMERS AND POLYMERS THERE FROM**
[54] **MONOMERES DE TYPE FLUOROALLYLSULFONYLAZIDE ET POLYMERES PREPARES A PARTIR DE CEUX-CI**
[72] WLASSICS, IVAN, IT
[72] TORRELLI, VITO, IT
[72] MARRANI, ALESSIO, IT
[71] SOLVAY SPECIALTY POLYMERS ITALY S.P.A., IT
[85] 2014-05-16
[86] 2012-12-06 (PCT/EP2012/074627)
[87] (WO2013/087498)
[30] EP (11194148.0) 2011-12-16

[21] **2,856,177**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61L 15/36 (2006.01)**
[25] EN
[54] **A PACKAGED PROBIOTIC COMPOSITION AND USES THEREOF**
[54] **COMPOSITION PROBIOTIQUE EMBALLEE ET SES UTILISATIONS**
[72] NIELSEN, BRIAN, DK
[72] NIELSEN, ERIK, DK
[72] KAHLER HJENNER, HELENE, DK
[71] MICURI APS, DK
[85] 2014-05-16
[86] 2012-11-23 (PCT/EP2012/073521)
[87] (WO2013/076272)
[30] EP (11190803.4) 2011-11-25

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[13] A1

[51] **Int.Cl. C07H 19/06 (2006.01) A61K 31/7072 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **2',4'-DIFLUORO-2'-METHYL SUBSTITUTED NUCLEOSIDE DERIVATIVES AS INHIBITORS OF HCV RNA REPLICATION**

[54] **DERIVES DE NUCLEOSIDE SUBSTITUE 2',4'-DIFLUORO-2'-METHYLE EN TANT QU'INHIBITEURS DE LA REPLICATION DE L'ARN DU VHC (VIRUS DE L'HEPATITE C)**

[72] ZHANG, JING, US
[72] ZHANG, ZHUMING, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-05-16
[86] 2012-12-17 (PCT/EP2012/075779)
[87] (WO2013/092481)
[30] US (61/577,707) 2011-12-20

[21] **2,856,182**
[13] A1

[51] **Int.Cl. C02F 1/42 (2006.01) C02F 5/00 (2006.01)**

[25] EN

[54] **SEPARATION OF ALKALI EARTH METALS AND HEAVY METALS BY MEANS OF A SELECTIVE CATION EXCHANGE COLUMN IN THE BUFFERING MODE**

[54] **SEPARATION DE METAUX ALCALINOTERREUX ET DE METAUX LOURDS AU MOYEN D'UNE COLONNE D'ECHANGE SELECTIF DE CATIONS EN MODE TAMPON**

[72] HARTEL, JOHANNES, DE
[71] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2014-04-09
[86] 2012-10-12 (PCT/EP2012/004286)
[87] (WO2013/053496)
[30] EP (11184858.6) 2011-10-12

[21] **2,856,185**
[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01)**

[25] EN

[54] **TOOTHBRUSH HANDLE HAVING AN INNER CAVITY**

[54] **MANCHE POUR BROUSSE A DENTS POURVU D'UNE CAVITE INTERNE**

[72] NEWMAN, MATTHEW LLOYD, US
[72] WEN, CATHY, US
[72] BIRK, ANDREAS, DE
[72] BRESSELSCHMIDT, ANDREAS, DE
[72] HORTON, ANDREW JOSEPH, US
[72] KAWERAU, JOCHEN, DE
[72] PFEIFER, ULRICH, DE
[72] SATTERFIELD, RICHARD DARREN, US
[72] SCHMELCHER, HEIDRUN ANNIKA, DE
[72] SCHMID, FRANZISKA, DE
[72] STOERKEL, JENS UWE, DE
[72] WEST, GEORGE, US
[72] WINKLER, TILMANN, DE
[72] HUSTEDT, SIEGFRIED KURT MARTIN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-05-15
[86] 2012-11-21 (PCT/US2012/066316)
[87] (WO2013/078355)
[30] US (61/562,675) 2011-11-22

[21] **2,856,186**
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) G02B 1/11 (2006.01)**

[25] EN

[54] **OPTICAL ARTICLE COMPRISING A TEMPORARY ANTIFOG COATING BASED ON SORBITAN SURFACTANTS**

[54] **ARTICLE OPTIQUE COMPRENANT UN REVETEMENT ANTIBUEE TEMPORAIRE A BASE DE TENSIOACTIFS DE SORBITAN**

[72] CRETIER, ANNETTE, FR
[72] SAINT-LU, CHARLOTTE, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2014-04-10
[86] 2011-10-14 (PCT/EP2011/068032)
[87] (WO2013/053406)

[21] **2,856,187**
[13] A1

[51] **Int.Cl. C07K 14/20 (2006.01) C12N 15/62 (2006.01)**

[25] EN

[54] **SOLUBLE IMMUNOREACTIVE TREPONEMA PALLIDUM TPN47 ANTIGENS**

[54] **ANTIGENES IMMUNOREACTIFS SOLUBLES DE TREPONEMA PALLIDUM TPN47**

[72] FAATZ, ELKE, DE
[72] SCHAARSCHMIDT, PETER, DE
[72] SCHMITT, URBAN, DE
[72] SCHOLZ, CHRISTIAN, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2014-05-16
[86] 2013-01-16 (PCT/EP2013/000108)
[87] (WO2013/107633)
[30] EP (12000310.8) 2012-01-19

[21] **2,856,189**
[13] A1

[51] **Int.Cl. C01B 15/023 (2006.01)**

[25] EN

[54] **PROCESS FOR THE MANUFACTURE OF HYDROGEN PEROXIDE**

[54] **PROCEDE DE FABRICATION DE PEROXYDE D'HYDROGENE**

[72] WILLSON, ANDREW, BE
[71] SOLVAY SA, BE
[85] 2014-04-10
[86] 2012-11-07 (PCT/EP2012/072052)
[87] (WO2013/068417)
[30] EP (11188044.9) 2011-11-07

[21] **2,856,190**
[13] A1

[51] **Int.Cl. A61F 2/60 (2006.01)**

[25] FR

[54] **COVERING FOR A LIMB PROSTHESIS, LIMB PROSTHESIS, AND MANUFACTURING METHOD THEREOF**

[54] **REVETEMENT DE CORPS DE PROTHESE DE MEMBRE, PROTHESE DE MEMBRE ET SON PROCEDE DE FABRICATION**

[72] RAUCH, FREDERIC, FR
[71] AQUALEG, FR
[85] 2014-05-01
[86] 2012-11-06 (PCT/FR2012/052560)
[87] (WO2013/076399)
[30] FR (1160571) 2011-11-21

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[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **CONFIGURABLE BILLING WITH SUBSCRIPTIONS HAVING CONDITIONAL COMPONENTS**
[54] **FACTURATION CONFIGURABLE AVEC DES ABONNEMENTS AYANT DES COMPOSANTS CONDITIONNELS**
[72] ZOU, CHENG, US
[72] VISWANATHAN, PARAM, US
[71] ZUORA, INC., US
[85] 2014-05-15
[86] 2012-11-28 (PCT/US2012/066857)
[87] (WO2013/082154)
[30] US (61/564,777) 2011-11-29

[21] **2,856,193**
[13] A1

[51] **Int.Cl. A61J 17/00 (2006.01) A61J 9/02 (2006.01)**
[25] EN
[54] **PACIFIER WITH SUBLINGUAL MEMBER**
[54] **TETINE A ELEMENT SUBLINGUAL**
[72] GUERRA, DAVID A., CA
[71] GUERRA, DAVID A., CA
[85] 2014-05-01
[86] 2012-11-05 (PCT/US2012/063575)
[87] (WO2013/074319)
[30] US (13/296,092) 2011-11-14

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[13] A1

[51] **Int.Cl. E03C 1/05 (2006.01)**
[25] EN
[54] **ELECTRONIC FAUCET**
[54] **ROBINET ELECTRONIQUE**
[72] VEROS, MICHAEL J., US
[72] THOMAS, KURT JUDSON, US
[72] GALAMBUS, MARK, US
[72] DEVRIES, ADAM M., US
[72] TYNER, TONY, US
[72] SAWASKI, JOEL D., US
[72] DAVIDSON, KYLE ROBERT, US
[71] MASCO CORPORATION OF INDIANA, US
[85] 2014-05-15
[86] 2012-12-06 (PCT/US2012/068265)
[87] (WO2013/086206)
[30] US (61/567,510) 2011-12-06

[21] **2,856,195**
[13] A1

[51] **Int.Cl. C07C 1/04 (2006.01) C11B 11/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING LINEAR PARAFFINS AND OLEFINS FROM NATURAL OILS**
[54] **PROCEDES DE PRODUCTION DE PARAFFINES LINEAIRES ET D'OLEFINES LINEAIRES A PARTIR D'HUILES NATURELLES**
[72] BOZZANO, ANDREA G., US
[72] FREY, STANLEY JOSEPH, US
[71] UOP LLC, US
[85] 2014-05-02
[86] 2013-02-13 (PCT/US2013/025822)
[87] (WO2013/141979)
[30] US (13/427,706) 2012-03-22

[21] **2,856,196**
[13] A1

[51] **Int.Cl. C02F 1/78 (2006.01) C02F 1/00 (2006.01) E03C 1/04 (2006.01)**
[25] EN
[54] **OZONE DISTRIBUTION IN A FAUCET**
[54] **DISTRIBUTION D'OZONE DANS UN ROBINET**
[72] ROSKO, MICHAEL SCOT, US
[72] JONTE, PATRICK B., US
[72] DEVRIES, ADAMS M., US
[72] THOMAS, KURT JUDSON, US
[72] SAWASKI, JOEL D., US
[71] MASCO CORPORATION OF INDIANA, US
[85] 2014-05-15
[86] 2012-12-06 (PCT/US2012/068283)
[87] (WO2013/086217)
[30] US (61/567,392) 2011-12-06

[21] **2,856,197**
[13] A1

[51] **Int.Cl. H04J 99/00 (2009.01) H03M 13/27 (2006.01) H04B 7/04 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **TRANSMISSION DEVICE, RECEPTION DEVICE, TRANSMISSION METHOD, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, DISPOSITIF DE RECEPTION, PROCEDE DE TRANSMISSION ET PROCEDE DE RECEPTION**
[72] ASAKURA, SHINGO, JP
[72] MURAYAMA, KENICHI, JP
[72] TAGUCHI, MAKOTO, JP
[72] SHITOMI, TAKUYA, JP
[72] SHIBUYA, KAZUHIKO, JP
[71] NIPPON HOSO KYOKAI, JP
[85] 2014-05-16
[86] 2012-11-16 (PCT/JP2012/007374)
[87] (WO2013/073195)
[30] JP (2011-253146) 2011-11-18
[30] JP (2012-183571) 2012-08-22

[21] **2,856,199**
[13] A1

[51] **Int.Cl. A01G 31/00 (2006.01)**
[25] EN
[54] **PLANT GROWTH METHOD**
[54] **PROCEDE DE CROISSANCE DE PLANTE**
[72] HEMPENIUS, EELKE GJALT, NL
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2014-05-16
[86] 2012-12-21 (PCT/EP2012/076817)
[87] (WO2013/093081)
[30] EP (11195444.2) 2011-12-22

[21] **2,856,200**
[13] A1

[51] **Int.Cl. C07K 16/14 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODY SPECIFIC FOR TRANS-RESVERATROL AND USE THEREOF**
[54] **ANTICORPS SPECIFIQUE POUR LE TRANS-RESVERATROL ET SON UTILISATION**
[72] PETYAEV, IVAN, GB
[72] TSYBEZOV, VALERY, RU
[71] IP SCIENCE LIMITED, GB
[85] 2014-05-07
[86] 2012-11-09 (PCT/GB2012/052790)
[87] (WO2013/068758)
[30] GB (1119585.6) 2011-11-11

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[21] **2,856,201**
[13] A1

[51] **Int.Cl. G01R 31/34 (2006.01)**
[25] EN
[54] **SURFACE POTENTIAL DISTRIBUTION MEASURING DEVICE AND SURFACE POTENTIAL DISTRIBUTION MEASURING METHOD**
[54] **DISPOSITIF DE MESURE DE REPARTITION DE POTENTIEL DE SURFACE ET PROCEDE DE MESURE DE REPARTITION DE POTENTIEL DE SURFACE**
[72] TSUBOI, YUICHI, JP
[72] YAMADA, SHINICHIRO, JP
[72] YOSHIMITSU, TETSUO, JP
[72] HIDAKA, KUNIHICO, JP
[72] KUMADA, AKIKO, JP
[72] IKEDA, HISATOSHI, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2014-05-16
[86] 2012-11-21 (PCT/JP2012/007467)
[87] (WO2013/076975)
[30] JP (2011-258147) 2011-11-25

[21] **2,856,202**
[13] A1

[51] **Int.Cl. A61N 1/18 (2006.01) A61N 1/04 (2006.01) A61N 1/06 (2006.01)**
[25] EN
[54] **NON INVASIVE NEUROMODULATION DEVICE FOR ENABLING RECOVERY OF MOTOR, SENSORY, AUTONOMIC, SEXUAL, VASOMOTOR AND COGNITIVE FUNCTION**
[54] **DISPOSITIF NON INVASIF DE NEUROMODULATION DE RESTAURATION DE LA FONCTION MOTRICE, SENSORIELLE, AUTONOME, SEXUELLE, VASOMOTRICE ET COGNITIVE**
[72] EDGERTON, VICTOR REGGIE, US
[72] GERASIMENKO, YURI P., US
[72] TERRAFRANCA, NICHOLAS A., US
[72] LU, DANIEL C., US
[71] NEUROENABLING TECHNOLOGIES, INC., US
[85] 2014-05-08
[86] 2012-11-13 (PCT/US2012/064874)
[87] (WO2013/071307)
[30] US (61/559,025) 2011-11-11

[21] **2,856,203**
[13] A1

[51] **Int.Cl. C07D 215/04 (2006.01) C07D 215/10 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A QUINOLINE CARBOXYLIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE QUINOLEINE CARBOXYLIQUE**
[72] GOLLUT, JEAN-JACQUES ROGER, CH
[72] GAYET, ARNAUD JEAN ALBERT, CH
[71] SYNGENTA PARTICIPATION AG, CH
[85] 2014-05-08
[86] 2012-11-14 (PCT/EP2012/072636)
[87] (WO2013/072376)
[30] GB (1119690.4) 2011-11-14

[21] **2,856,204**
[13] A1

[51] **Int.Cl. C07D 413/10 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC DERIVATIVES AS TRACE AMINE ASSOCIATED RECEPTORS (TAARS)**
[54] **DERIVES HETEROCYCLIQUES UTILISES COMME RECEPTEURS ASSOCIES A DES AMINES SOUS FORME DE TRACE (TAAR)**
[72] GALLEY, GUIDO, DE
[72] GOERGLER, ANNICK, FR
[72] NORCROSS, ROGER, CH
[72] PFLIEGER, PHILIPPE, FR
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-05-16
[86] 2013-01-08 (PCT/EP2013/050170)
[87] (WO2013/104591)
[30] EP (12150876.6) 2012-01-12

[21] **2,856,205**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF BLADDER CANCER**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT ET LE DIAGNOSTIC DU CANCER DE LA VESSIE**
[72] CHAPMAN, KAREN, US
[72] WAGNER, JOSEPH, US
[72] WEST, MICHAEL, US
[72] LACHER, MARCUS DANIEL, US
[72] KIDD, JENNIFER LORIE, US
[72] PRENDES, MARIA J., US
[71] ONCOCYTE CORPORATION, US
[85] 2014-05-13
[86] 2012-11-15 (PCT/US2012/065353)
[87] (WO2013/074837)
[30] US (61/559,806) 2011-11-15

[21] **2,856,206**
[13] A1

[51] **Int.Cl. B60L 7/14 (2006.01) H02M 7/483 (2007.01) H02M 7/487 (2007.01) B60L 7/16 (2006.01) H02M 5/40 (2006.01) H02M 5/48 (2006.01) H02M 7/5387 (2007.01) H02M 7/66 (2006.01) H02M 7/797 (2006.01) H02M 7/81 (2006.01) H02P 3/14 (2006.01)**
[25] EN
[54] **POWER CONVERTER BASED ON H-BRIDGES**
[54] **CONVERTISSEUR D'ENERGIE BASE SUR DES PONTS H**
[72] SCHROEDER, STEFAN, US
[72] WIJEKON, PINIWAN THIWANKA BANDARA, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-05-09
[86] 2012-11-08 (PCT/US2012/064030)
[87] (WO2013/074358)
[30] US (13/296,349) 2011-11-15

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[21] **2,856,207**
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01) G01N 3/26 (2006.01) G01N 11/00 (2006.01) G01N 27/02 (2006.01)**

[25] FR

[54] **PROCESS FOR PRODUCING AN OPTIMIZED LIQUEFIED LIGNOCELLULOSIC SUBSTRATE**

[54] **PROCEDE DE PRODUCTION DE SUBSTRAT LIGNOCELLULOSIQUE LIQUEFIE OPTIMISE**

[72] LOURET, SYLVAIN, FR

[72] ROUSSET, ROMAIN, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2014-05-16

[86] 2012-11-29 (PCT/FR2012/000493)

[87] (WO2013/088001)

[30] FR (11/03.856) 2011-12-14

[21] **2,856,208**
[13] A1

[51] **Int.Cl. G01B 5/08 (2006.01) G01B 5/12 (2006.01) G01B 7/12 (2006.01) G01B 7/13 (2006.01) G01B 11/08 (2006.01) G01B 11/12 (2006.01) G01B 21/10 (2006.01) G01B 21/14 (2006.01)**

[25] FR

[54] **DEVICE FOR MEASURING AN INTERNAL OR EXTERNAL PROFILE OF A TUBULAR COMPONENT**

[54] **DISPOSITIF DE MESURE D'UN PROFIL INTERNE OU EXTERNE D'UN COMPOSANT TUBULAIRE**

[72] MOREAU, REGIS, FR

[72] MARTIN, PIERRE, FR

[71] VALLOUREC OIL AND GAS FRANCE, FR

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2014-05-16

[86] 2012-12-26 (PCT/FR2012/000551)

[87] (WO2013/098493)

[30] FR (11/04149) 2011-12-29

[21] **2,856,209**
[13] A1

[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/048 (2013.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **TOUCH-SENSITIVE DISPLAY WITH DUAL TRACK PAD**

[54] **DISPOSITIF D'AFFICHAGE TACTILE AYANT UN PAVE TACTILE DOUBLE**

[72] VAN EERD, PETER ANTHONY, CA

[72] WILSON, SEAN DAVID DREW, CA

[72] EHRISMANN, JAMES CLEMENT, CA

[71] BLACKBERRY LIMITED, CA

[85] 2014-05-09

[86] 2011-12-28 (PCT/CA2011/001414)

[87] (WO2013/067617)

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[21] **2,856,210**
[13] A1

[51] **Int.Cl. B64D 29/06 (2006.01) B64D 33/04 (2006.01)**

[25] FR

[54] **ACUTATOR FOR AIRCRAFT TURBINE ENGINE NACELLE WITH NOTABLY ONE-PIECE ANNULAR REAR PART**

[54] **NACELLE DE TURBOREACTEUR D'AERONEF A PARTIE ARRIERE NOTAMMENT ANNULAIRE MONOBLOC ET ACTIONNEUR**

[72] HUE, CORENTIN, FR

[72] CORFA, JEROME, FR

[71] AIRCELLE, FR

[85] 2014-05-16

[86] 2012-11-12 (PCT/FR2012/052597)

[87] (WO2013/093256)

[30] FR (11/03589) 2011-11-24

[21] **2,856,211**
[13] A1

[51] **Int.Cl. C08L 23/02 (2006.01) C08L 23/22 (2006.01) C08L 23/28 (2006.01)**

[25] EN

[54] **ELASTOMERIC COMPOSITIONS AND THEIR USE IN ARTICLES**

[54] **COMPOSITIONS ELASTOMERES ET LEUR UTILISATION DANS DES ARTICLES**

[72] DE YOUNG, RONALD, US

[72] ELLUL, MARIA D., US

[72] KUMOR, DENNIS, US

[71] EXXONMOBIL CHEMICAL PATENTS INC., US

[85] 2014-05-09

[86] 2012-11-12 (PCT/US2012/064645)

[87] (WO2013/095807)

[30] US (61/577,409) 2011-12-19

[21] **2,856,212**
[13] A1

[51] **Int.Cl. B23K 9/26 (2006.01) B23K 9/16 (2006.01)**

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[54] **WELDING SYSTEM AND METHOD**

[54] **SYSTEME DE SOUDAGE ET PROCEDE**

[72] COOPER, EDWARD L., US

[72] ZLOTIN, BORIS, US

[71] COOPER, EDWARD L., US

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[86] 2011-11-18 (PCT/US2011/061422)

[87] (WO2012/068472)

[30] US (61/415,574) 2010-11-19

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[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**

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[54] **COMPOSITIONS AND METHODS FOR ASSESSING APPENDICITIS**

[54] **COMPOSITIONS ET PROCEDES POUR EVALUER UNE APPENDICITE**

[72] TYRRELL, STEVEN PATRICK, US

[72] VANT-HULL, BARRY PATRICK, US

[72] COLGIN, MARK ALLEN, US

[72] FLIPSE, MARK JOSEPH, US

[72] GOGAIN, JOSEPH CAREY, US

[72] COPELAND, KAREN, US

[71] VENAXIS, INC., US

[85] 2014-05-15

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[87] (WO2013/075055)

[30] US (61/629,386) 2011-11-16

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[25] EN
[54] **PLUNGER ROD RETAINING ANCHORS**
[54] **PISTON PLONGEUR RETENANT DES ANCRE**
[72] IVOSEVIC, MILAN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2014-05-09
[86] 2012-11-07 (PCT/US2012/063800)
[87] (WO2013/070663)
[30] US (61/558,581) 2011-11-11
[30] US (13/669,724) 2012-11-06

[21] **2,856,215**
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[51] **Int.Cl. B01F 3/14 (2006.01) B01F 7/04 (2006.01) B01F 15/02 (2006.01) B28B 1/00 (2006.01) B28B 3/12 (2006.01) B28B 13/02 (2006.01) B29C 43/00 (2006.01) B29C 43/48 (2006.01) B30B 5/06 (2006.01) B30B 15/30 (2006.01) C04B 26/18 (2006.01) C04B 40/00 (2006.01)**
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[54] **DEVICE FOR PRODUCING A SLAB FROM ARTIFICIAL STONE MATERIAL**
[54] **DISPOSITIF ET PROCEDE POUR LA FABRICATION D'UNE DALLE EN PIERRE ARTIFICIELLE**
[72] KAGER, FRANZ, AT
[71] BERNDORF BAND GMBH, AT
[85] 2014-05-13
[86] 2012-11-15 (PCT/AT2012/050176)
[87] (WO2013/071326)
[30] AT (A 1713/2011) 2011-11-17

[21] **2,856,216**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ALBUMIN BINDING ANTIBODIES AND BINDING FRAGMENTS THEREOF**
[54] **ANTICORPS SE LIANT A L'ALBUMINE ET LEURS FRAGMENTS DE LIAISON**
[72] ADAMS, RALPH, GB
[72] BHATTA, PALLAVI, GB
[72] HEYWOOD, SAM PHILLIP, GB
[72] HUMPHREYS, DAVID PAUL, GB
[71] UCB PHARMA S.A., BE
[85] 2014-05-08
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[51] **Int.Cl. C07D 339/04 (2006.01) A61K 31/385 (2006.01) A61P 39/06 (2006.01) C07C 323/52 (2006.01)**
[25] EN
[54] **APOCYNIN-LIPOIC ACID CONJUGATES AND USES THEREOF**
[54] **CONJUGUES D'APOCYNINE-ACIDE LIPOIQUE ET LEURS UTILISATIONS**
[72] SALEH, TAREK M., CA
[72] RAJAGOPAL, DESIKAN, US
[72] KHAN, BOBBY, US
[72] CONNELL, BARRY JAMES, CA
[71] UNIVERSITY OF PRINCE EDWARD ISLAND, CA
[85] 2014-05-12
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[87] (WO2013/071400)
[30] US (61/560,089) 2011-11-15

[21] **2,856,218**
[13] A1

[51] **Int.Cl. E02F 9/26 (2006.01)**
[25] EN
[54] **OPERATION DATA COLLECTION DEVICE FOR CONSTRUCTION MACHINES**
[54] **DISPOSITIF DE COLLECTE DE DONNEES OPERATIONNELLES D'ENGIN DE CHANTIER**
[72] FUJIWARA, JUNSUKE, JP
[72] SUZUKI, HIDEAKI, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2014-05-16
[86] 2012-11-20 (PCT/JP2012/080039)
[87] (WO2013/077309)
[30] JP (2011-254244) 2011-11-21

[21] **2,856,219**
[13] A1

[51] **Int.Cl. A62B 35/00 (2006.01) E04G 21/32 (2006.01) F16G 11/04 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM FOR A SLANTED ROOF**
[54] **SYSTEME DE SECURITE POUR UN TOIT EN PENTE**
[72] BORRA, HANS ANTONIUS, NL
[71] FLESST B.V., NL
[85] 2014-05-16
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[25] EN	[25] EN	[25] EN
[54] DUAL-PHASE ACID-BASED FRACTURING COMPOSITION WITH CORROSION INHIBITORS AND METHOD OF USE THEREOF	[54] WALL MOUNTED STORING CONSTRUCTIONS	[54] METHODS OF TREATMENT WITH DEFERIPRONE
[54] COMPOSITION DE FRACTURATION A BASE D'ACIDE BIPHASEE COMPRENANT DES INHIBITEURS DE CORROSION ET SON PROCEDE D'UTILISATION	[54] CONSTRUCTIONS DE STOCKAGE MONTEES SUR UN MUR	[54] PROCEDES DE TRAITEMENT AVEC DU DEFERIPRONE
[72] AL-MUTAIRI, SALEH H., SA	[72] ANDERSSON, BENNY, SE	[72] SPINO, MICHAEL, CA
[72] AL-DUAILEJ, YASER K., SA	[72] ALMBLAD, LARS, SE	[72] CONNELLY, JOHN CHALMERS, CA
[72] AL-YAMI, IBRAHIM S., SA	[72] ALMUNDQVIST, MATS, SE	[72] WOOD, JOHN CHARLES, US
[72] AL-HAJRI, ABDULLAH M., SA	[72] LUNDQVIST, MATS, SE	[72] WRIGHT, GRAHAM ARNOLD, CA
[72] AL-BADAIRY, HAMEED H., SA	[72] WIKTORSSON, SOFIA, SE	[72] GHUGRE, NILESH RAMESH, CA
[71] SAUDI ARABIAN OIL COMPNY, SA	[71] INTER IKEA SYSTEMS B.V., NL	[71] APOTEX TECHNOLOGIES INC., CA
[85] 2014-05-12	[85] 2011-11-18 (PCT/EP2011/070421)	[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[86] 2012-11-20 (PCT/US2012/065999)	[86] 2011-11-18 (PCT/EP2011/070421)	[71] CHILDREN'S HOSPITAL LOS ANGELES, US
[87] (WO2013/078166)	[87] (WO2013/071977)	[85] 2014-05-16
[30] US (61/563,287) 2011-11-23		[86] 2012-11-16 (PCT/US2012/065663)
	[21] 2,856,224 [13] A1	[87] (WO2013/075015)
	[51] Int.Cl. G09B 23/28 (2006.01)	[30] US (61/561,692) 2011-11-18
	[25] EN	[30] US (61/591,854) 2012-01-27
	[54] SYSTEMS, METHODS, AND PRODUCTS ADAPTED TO PROVIDE PHYSICAL THERAPY	
	[54] SYSTEMES, METHODES ET PRODUITS UTILISABLES EN VUE D'UNE KINESITHERAPIE	[21] 2,856,230 [13] A1
	[72] LOEV, MARC, US	[51] Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)
	[72] REINEKE, SEAN, US	[25] EN
	[71] LOEV REINEKE LLC, US	[54] SYNTHETIC GRANULATING GAUZE FOR USE WITH REDUCED-PRESSURE TREATMENT SYSTEMS
	[85] 2014-05-16	[54] GAZE A GRANULATION SYNTHETIQUE POUR UTILISATION AVEC DES SYSTEMES DE TRAITEMENT A PRESSION REDUITE
	[86] 2012-03-28 (PCT/US2012/030842)	[72] LOCKE, CHRISTOPHER BRIAN, GB
	[87] (WO2012/135280)	[72] ROBINSON, TIMOTHY MARK, GB
	[30] US (61/468,923) 2011-03-29	[72] LUCKEMEYER, JAMES A., US
		[71] KCI LICENSING, INC., US
	[21] 2,856,225 [13] A1	[85] 2014-05-12
	[51] Int.Cl. G01B 11/24 (2006.01)	[86] 2012-12-07 (PCT/US2012/068583)
	[25] FR	[87] (WO2013/086426)
	[54] DESIGN FOR A PART MADE FROM 3D WOVEN COMPOSITE MATERIAL	[30] US (61/567,998) 2011-12-07
	[54] CONCEPTION D'UNE PIECE EN MATERIAU COMPOSITE TISSE 3D	
	[72] MARCHAL, YANN, FR	
	[72] MAHIEU, JEAN-NOEL, FR	
	[71] SNECMA, FR	
	[85] 2014-05-13	
	[86] 2012-11-12 (PCT/FR2012/052594)	
	[87] (WO2013/072606)	
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[13] A1

[51] **Int.Cl. F01D 25/28 (2006.01) F04D 29/02 (2006.01) F04D 29/54 (2006.01)**

[25] FR

[54] **AIRCRAFT ENGINE AIR FLOW STRAIGHTENING VANE AND ASSOCIATED FLOW STRAIGHTENING STRUCTURE**

[54] **AUBE DE REDRESSEMENT DE FLUX D'AIR POUR MOTEUR D'AERONEF, ET STRUCTURE DE REDRESSEMENT DE FLUX ASSOCIEE**

[72] OUDIN, ARNAUD, FR

[72] DESJOYEUX, BERTRAND, FR

[72] DEZEUSTRE, NICOLAS, FR

[72] KERBLER, OLIVIER, FR

[71] AIRCELLE, FR

[85] 2014-05-16

[86] 2012-11-13 (PCT/FR2012/052615)

[87] (WO2013/093258)

[30] FR (11/03588) 2011-11-24

[21] **2,856,234**
[13] A1

[51] **Int.Cl. H04B 3/50 (2006.01) H04L 12/70 (2013.01) H04B 3/54 (2006.01) H04L 12/413 (2006.01) H04M 11/06 (2006.01)**

[25] EN

[54] **FUEL DISPENSING ENVIRONMENT UTILIZING RETROFIT BROADBAND COMMUNICATION SYSTEM**

[54] **ENVIRONNEMENT DE DISTRIBUTION DE CARBURANT UTILISANT UN SYSTEME DE COMMUNICATION A LARGE BANDE DE RETROADAPTATION**

[72] CARAPELLI, GIOVANNI, IT

[72] LONG, JOSEPH D., US

[72] MCNINCH, WAYNE, US

[72] MYERS, HOWARD, US

[71] GILBARCO, INC., US

[71] GILBARCO S.R.L, IT

[85] 2014-05-16

[86] 2012-11-16 (PCT/US2012/065673)

[87] (WO2013/075022)

[30] US (61/560,624) 2011-11-16

[21] **2,856,235**
[13] A1

[51] **Int.Cl. C07C 69/608 (2006.01) A61K 31/22 (2006.01) A61K 31/35 (2006.01) A61K 31/56 (2006.01) A61P 25/00 (2006.01) C07D 493/00 (2006.01) C07J 9/00 (2006.01)**

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[54] **ESTERS OF DCPLA AND METHODS OF TREATMENT USING THE SAME**

[54] **ESTERS DE DCPLA ET METHODES DE TRAITEMENT LES UTILISANT**

[72] ALKON, DANIEL L., US

[72] NELSON, THOMAS J., US

[71] BLANCHETTE ROCKEFELLER NEUROSCIENCES INSTITUTE, US

[85] 2014-05-12

[86] 2012-11-13 (PCT/US2012/064783)

[87] (WO2013/071281)

[30] US (61/559,117) 2011-11-13

[21] **2,856,238**
[13] A1

[51] **Int.Cl. B60C 11/11 (2006.01) B60C 11/01 (2006.01) B60C 11/04 (2006.01) B60C 11/117 (2006.01) B60C 11/13 (2006.01)**

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[54] **TIRE**

[54] **PNEUMATIQUE**

[72] KAWAKAMI, YUKI, JP

[71] BRIDGESTONE CORPORATION, JP

[85] 2014-05-16

[86] 2012-11-22 (PCT/JP2012/080370)

[87] (WO2013/077427)

[30] JP (2011-255595) 2011-11-22

[21] **2,856,239**
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING SYNTHETIC GAS INCLUDING THE PRESERVATION OF THE ENERGY TRANSFER BY MEANS OF THE FUMES**

[54] **PROCEDE POUR UNE PRODUCTION DE GAZ DE SYNTHESE AVEC CONSERVATION DU TRANSFERT D'ENERGIE PAR LES FUMEEES**

[72] DENIS, CATHERINE, FR

[72] MARTY, PASCAL, FR

[72] MASSON, MICHEL-JEAN, FR

[72] POLSTER, BERND, DE

[72] REMY, LAURENT, FR

[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

[85] 2014-05-16

[86] 2012-12-11 (PCT/FR2012/052867)

[87] (WO2013/088049)

[30] FR (1161591) 2011-12-14

[21] **2,856,242**
[13] A1

[51] **Int.Cl. F16H 35/10 (2006.01) F16D 7/02 (2006.01) F16D 43/21 (2006.01) F16K 31/05 (2006.01)**

[25] EN

[54] **VALVE ACTUATOR TORQUE LIMITER**

[54] **LIMITEUR DE COUPLE A ACTIONNEUR DE SOUPAPE**

[72] ADAM, STUART STEVEN, GB

[72] SWEET, KEVIN RICHARD, GB

[71] ROTORK CONTROLS LIMITED, GB

[85] 2014-05-16

[86] 2011-11-28 (PCT/GB2011/052340)

[87] (WO2013/079891)

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 9/127 (2006.01) A61K 31/713 (2006.01) A61K 47/48 (2006.01) C07H 15/04 (2006.01) C07H 21/02 (2006.01)**

[25] EN

[54] **RNAI AGENTS, COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES**

[54] **AGENTS ARNI, COMPOSITIONS ET PROCEDES D'UTILISATION DE CEUX-CI POUR TRAITER DES MALADIES ASSOCIEES A LA TRANSTHYRETINE (TTR)**

[72] RAJEEV, KALLANTHOTTATHIL G., US

[72] ZIMMERMANN, TRACY, US

[72] MANOHARAN, MUTHIAH, US

[72] MAIER, MARTIN, US

[72] KUCHIMANCHI, SATYANARAYANA, US

[72] CHARISSE, KLAUS, US

[71] ALNYLAM PHARMACEUTICALS, INC., US

[85] 2014-05-16

[86] 2012-11-16 (PCT/US2012/065691)

[87] (WO2013/075035)

[30] US (61/561,710) 2011-11-18

[30] US (61/615,618) 2012-03-26

[30] US (61/680,098) 2012-08-06

[21] **2,856,244**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **USE OF FRUCTOKINASES AND SUCROSE SYNTHASES FOR INCREASING CELL WALL POLYMERS**

[54] **UTILISATION DE FRUCTOKINASES ET DE SACCHAROSE SYNTHASES A DES FINS D'AUGMENTATION DE LA TENEUR EN POLYMERES DE LA PAROI CELLULAIRE**

[72] GRANOT, DAVID, IL

[72] GERMAN, MARCELO ARIEL, US

[72] DAVID-SCHWARTZ, RAKEFET, IL

[72] DAI, NIR, IL

[72] SCHAFFER, ARTHUR, IL

[72] PETRIKOV, MARINA, IL

[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (A.R.O.), VOLCANI CENTER, IL

[85] 2014-05-12

[86] 2012-11-15 (PCT/IB2012/056452)

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[30] US (61/560,303) 2011-11-16

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[13] A1

[51] **Int.Cl. G06F 3/147 (2006.01)**

[25] EN

[54] **A METHOD AND A SYSTEM FOR DISPLAYING PRODUCT INFORMATION ON ELECTRONIC LABELS**

[54] **PROCEDE ET SYSTEME D'AFFICHAGE D'INFORMATIONS DE PRODUIT SUR DES ETIQUETTES ELECTRONIQUES**

[72] MARTIN, YVES, FR

[71] STORE ELECTRONIC SYSTEMS, FR

[85] 2014-05-16

[86] 2011-11-18 (PCT/IB2011/003111)

[87] (WO2013/072718)

[21] **2,856,247**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01)**

[25] EN

[54] **LOW ALLOY STEEL**

[54] **ACIER FAIBLEMENT ALLIE**

[72] HIRATA, HIROYUKI, JP

[72] KOBAYASHI, KENJI, JP

[72] OMURA, TOMOHIKO, JP

[72] KAWANO, KAORI, JP

[72] TOMATSU, KOTA, JP

[72] OGAWA, KAZUHIRO, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2014-05-16

[86] 2012-12-17 (PCT/JP2012/082606)

[87] (WO2013/105395)

[30] JP (2012-004103) 2012-01-12

[21] **2,856,248**
[13] A1

[51] **Int.Cl. G06F 3/147 (2006.01)**

[25] EN

[54] **A METHOD AND A SYSTEM FOR PROVIDING PRODUCT INFORMATION TO MEDIA DISPLAYING DEVICES**

[54] **PROCEDE ET SYSTEME DE FOURNITURE D'INFORMATIONS DE PRODUIT A DES DISPOSITIFS D'AFFICHAGE MULTIMEDIA**

[72] MARTIN, YVES, FR

[71] STORE ELECTRONIC SYSTEMS, FR

[85] 2014-05-16

[86] 2011-11-18 (PCT/IB2011/003113)

[87] (WO2013/072719)

[21] **2,856,250**
[13] A1

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

[25] EN

[54] **SOFTWARE OBJECTS IN CONNECTION WITH A MAP-BASED GAME**

[54] **SYSTEMES ET PROCEDES DE FOURNITURE ET DE TRAITEMENT D'OBJETS LOGICIELS EN LIAISON AVEC UN JEU BASE SUR UNE CARTE**

[72] OAKES, JAMES ALLAN, GB

[71] GENOMICS GLOBAL GAMES LIMITED, GB

[85] 2014-05-16

[86] 2012-11-22 (PCT/IB2012/002713)

[87] (WO2013/076576)

[30] US (61/563,379) 2011-11-23

[30] IB (PCT/IB2012/001552) 2012-07-19

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 39/395 (2006.01) C07K 16/24 (2006.01) G01N 33/564 (2006.01)**

[25] EN

[54] **METHODS OF TREATING PSORIATIC ARTHRITIS (PSA) USING IL-17 ANTAGONISTS AND PSA RESPONSE OR NON-RESPONSE ALLELES**

[54] **PROCEDES DE TRAITEMENT DU RHUMATISME PSORIASIQUE (PSA) UTILISANT DES ANTAGONISTES D'IL-17 ET DES ALLELES REPONDEURS OU NON REPONDEURS A PSA**

[72] WANG, YING, US
[71] NOVARTIS AG, CH
[85] 2014-05-16
[86] 2012-06-07 (PCT/US2012/041310)
[87] (WO2013/077907)
[30] IQ (370/2011) 2011-11-21
[30] US (61/624,564) 2012-04-16

[21] **2,856,255**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**

[25] EN

[54] **RECOMBINANT PROTEINS AND THEIR THERAPEUTIC USES**

[54] **PROTEINES RECOMBINANTES ET LEURS UTILISATIONS THERAPEUTIQUES**

[72] CHARLTON, KEITH ALAN, GB
[72] D'HONDT, ERIK, BE
[71] BIOVEN 3 LIMITED, BM
[71] CHARLTON, KEITH ALAN, GB
[71] D'HONDT, ERIK, BE
[85] 2014-05-16
[86] 2012-11-21 (PCT/IB2012/002876)
[87] (WO2013/076580)
[30] US (61/563,128) 2011-11-23
[30] US (61/654,401) 2012-06-01

[21] **2,856,257**
[13] A1

[51] **Int.Cl. C07K 1/04 (2006.01) C07K 7/06 (2006.01)**

[25] EN

[54] **PROCESS FOR THE SYNTHESIS OF THERAPEUTIC PEPTIDES**

[54] **PROCEDE POUR LA SYNTHESE DE PEPTIDES THERAPEUTIQUES**

[72] HURLEY, FIONN, IE
[72] WEGNER, KATARZYNA, IE
[72] FOLEY, PATRICK, IE
[71] IPSEN MANUFACTURING IRELAND LIMITED, IE
[85] 2014-05-16
[86] 2012-12-21 (PCT/IB2012/003056)
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[30] US (61/580,089) 2011-12-23

[21] **2,856,258**
[13] A1

[51] **Int.Cl. C07K 16/08 (2006.01) A61K 39/395 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **MONOCLONAL ANTIBODIES SPECIFIC FOR THE M2-1 ANTIGEN OF RESPIRATORY SYNCYTIAL VIRUS (RSV)**

[54] **ANTICORPS MONOCLONAUX SPECIFIQUES A L'ANTIGENE M2-1 DU VIRUS RESPIRATOIRE SYNCYTIAL (VRS)**

[72] KALERGIS PARRA, ALEXIS MIKES, CL
[72] BUENO RAMIREZ, SUSAN MARCELA, CL
[72] MORA ALARCON, JORGE EUGENIO, CL
[72] GOMEZ JOHNSON, ROBERTO SEBASTIAN, CL
[71] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL
[85] 2014-05-16
[86] 2012-11-23 (PCT/IB2012/056688)
[87] (WO2013/076702)
[30] CL (3002-2011) 2011-11-25

[21] **2,856,259**
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/88 (2006.01) A61F 2/44 (2006.01) A61F 2/46 (2006.01)**

[25] EN

[54] **INTERSPINOUS SPACERS AND ASSOCIATED METHODS OF USE AND MANUFACTURE**

[54] **ECARTEURS INTER-EPINEUX ET PROCEDES D'UTILISATION ET DE FABRICATION ASSOCIES**

[72] CHOI, ANDY WONGYONG, US
[72] NGUYEN, KIM THIEN, US
[72] RICHARDS, ROBERT LESLIE, US
[71] HOWMEDICA OSTEONICS CORP., US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065715)
[87] (WO2013/075053)
[30] US (61/561,204) 2011-11-17

[21] **2,856,260**
[13] A1

[51] **Int.Cl. B60P 1/28 (2006.01)**

[25] EN

[54] **HOPPER BOX AND HOPPER CONSTRUCTED WITH A COLLAPSED AND ELONGATED LONGITUDINALLY CURVED C-SHAPED FLOOR**

[54] **BOITE DE TREMIE ET TREMIE CONSTRUITE AVEC UN PLANCHER EN FORME DE C INCURVE LONGITUDINALEMENT ALLONGE ET REPLIE**

[72] GARCIA-HUIDOBRO VALDIVIESO, ALFREDO, CL
[71] ANSAR DISENO LIMITADA, CL
[85] 2014-05-13
[86] 2012-09-06 (PCT/IB2012/054623)
[87] (WO2013/098664)
[30] CL (3363-2011) 2011-12-30

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[51] Int.Cl. G06Q 50/22 (2012.01) G06F 17/27 (2006.01) G06K 9/62 (2006.01) [25] EN [54] METHODS AND TECHNIQUES FOR COLLECTING, REPORTING, AND MANAGING INFORMATION ABOUT MEDICAL DIAGNOSTIC PROCEDURES [54] PROCEDES ET TECHNIQUES DE RECUEIL, D'ETABLISSEMENT DE RAPPORTS ET DE GESTION D'INFORMATIONS RELATIVES A DES PROCEDURES DE DIAGNOSTIC MEDICAL [72] KALAFUT, JOHN F., US [72] MISHLER, DAVID A., US [72] BROSOVICH, JOHN A., US [72] BALASUBRAMANIAN, SRIDHAR R., US [72] WINDHAM, FREDERICK P., US [71] BAYER MEDICAL CARE INC., US [85] 2014-05-16 [86] 2012-11-19 (PCT/US2012/065918) [87] (WO2013/075127) [30] US (61/560,984) 2011-11-17	[51] Int.Cl. H04L 1/00 (2006.01) [25] EN [54] DISTRIBUTING CONTENT TO A PLURALITY OF MOBILE STATIONS USING A DOWNLINK POINT-TO-MULTIPOINT (PTM) BEARERS AND DOWNLINK POINT-TO-POINT (PTP) BEARERS [54] DISTRIBUTION DE CONTENU A UNE PLURALITE DE STATIONS MOBILES A L'AIDE DE SUPPORTS POINT A MULTIPOINT (PTM) DE LIAISON DESCENDANTE ET DE SUPPORTS POINT A POINT (PTP) DE LIAISON DESCENDANTE [72] NEWBERG, DONALD G., US [72] KORUS, MICHAEL F., US [72] OPRESCU-SURCOBE, VALENTIN, US [71] MOTOROLA SOLUTIONS, INC., US [85] 2014-05-16 [86] 2012-10-30 (PCT/US2012/062592) [87] (WO2013/074288) [30] US (13/300,563) 2011-11-19	[51] Int.Cl. F16L 27/06 (2006.01) F01N 13/08 (2010.01) F16J 15/10 (2006.01) F16J 15/12 (2006.01) F16L 23/16 (2006.01) [25] EN [54] SPHERICAL ANNULAR SEAL MEMBER AND METHOD OF MANUFACTURING THE SAME [54] CORPS D'ETANCHEITE SPHERIQUE EN FORME DE BANDE ET SON PROCEDE DE FABRICATION [72] MIYASHITA, OSAMU, JP [72] SATOU, EIJI, JP [72] ISHIDA, KOICHI, JP [72] TAKASAGO, TOSHIKAZU, JP [72] MATSUNAGA, SATOSHI, JP [71] OILES CORPORATION, JP [85] 2014-05-16 [86] 2012-12-03 (PCT/JP2012/007746) [87] (WO2013/084467) [30] JP (2011-270519) 2011-12-09
[21] 2,856,262 [13] A1	[21] 2,856,265 [13] A1	[21] 2,856,269 [13] A1
[51] Int.Cl. C10M 155/00 (2006.01) C08G 73/02 (2006.01) C10M 169/06 (2006.01) [25] EN [54] PREPARATION OF A POST-TREATED MOLYBDENUM AMIDE ADDITIVE COMPOSITION AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME [54] PREPARATION D'UNE COMPOSITION D'ADDITIFS DE TYPE MOLYBDENE-AMIDE POST-TRAITES ET COMPOSITIONS D'HUILES LUBRIFIANTES LA CONTENANT [72] BHALLA, GAURAV, US [72] TSANG, MAN HON, US [71] CHEVRON ORONITE COMPANY LLC, US [85] 2014-05-16 [86] 2012-07-26 (PCT/US2012/048331) [87] (WO2013/089830) [30] US (13/328,959) 2011-12-16	[51] Int.Cl. H04L 12/28 (2006.01) [25] EN [54] UPSTREAM CHANNEL BONDING PARTIAL SERVICE USING SPECTRUM MANAGEMENT [54] SERVICE PARTIEL D'AGREGATION DE CANAUX EN LIAISON MONTANTE AU MOYEN D'UNE GESTION DU SPECTRE [72] THIBEAULT, BRIAN K., US [72] COOPER, MICHAEL J., US [72] MORRISSETTE, MARC L., US [71] GENERAL INSTRUMENT CORPORATION, US [85] 2014-05-16 [86] 2012-11-05 (PCT/US2012/063485) [87] (WO2013/074312) [30] US (13/300,101) 2011-11-18	[51] Int.Cl. G01N 27/22 (2006.01) G01N 33/44 (2006.01) [25] FR [54] METHOD FOR DETECTING THE PRESENCE OF BUBBLES DURING OPERATIONS OF INJECTING RESIN FOR THE MANUFACTURE OF FIBRE COMPOSITE COMPONENTS [54] PROCEDE POUR DETECTER LA PRESENCE DE BULLES LORS DES OPERATIONS D'INJECTION DE RESINE POUR LA FABRICATION DE PIECES EN COMPOSITES FIBREUX [72] BOUILLON, FLORENT, FR [72] BREARD, JOEL, FR [72] BIZET, LAURENT, FR [72] GUEROULT, SEBASTIEN, FR [71] CNRS DIRE - SECRETARIAT GENERAL, FR [71] AIRCELLE, FR [85] 2014-05-16 [86] 2012-11-13 (PCT/FR2012/052614) [87] (WO2013/076402) [30] FR (11/03562) 2011-11-23

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<p style="text-align: right;">[21] 2,856,271 [13] A1</p> <p>[51] Int.Cl. C07C 17/10 (2006.01) C07C 19/01 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS FOR THE PRODUCTION OF CHLORINATED ALKANES</p> <p>[54] PROCEDE DE PRODUCTION D'ALCANES CHLORES</p> <p>[72] GRANDBOIS, MATTHEW LEE, US [72] KRUPER, WILLIAM J., JR., US [71] DOW GLOBAL TECHNOLOGIES LLC, US</p> <p>[85] 2014-05-16 [86] 2012-11-13 (PCT/US2012/064792) [87] (WO2013/078035) [30] US (61/562,025) 2011-11-21</p>	<p style="text-align: right;">[21] 2,856,273 [13] A1</p> <p>[51] Int.Cl. B01F 5/06 (2006.01) B01F 13/06 (2006.01) B01F 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MIXING METHODS AND SYSTEMS FOR FLUIDS</p> <p>[54] PROCEDES ET SYSTEMES DE MELANGE POUR FLUIDES</p> <p>[72] LAUDER, COLIN, US [72] KNAPPER, DANIEL, GB [72] LOGAN, GORDON MACMILLAN, GB</p> <p>[71] M-I L.L.C., US [71] M-I DRILLING FLUIDS U.K. LIMITED, GB</p> <p>[85] 2014-05-16 [86] 2012-11-16 (PCT/US2012/065440) [87] (WO2013/074878) [30] US (61/561,454) 2011-11-18</p>	<p style="text-align: right;">[21] 2,856,275 [13] A1</p> <p>[51] Int.Cl. A61C 5/02 (2006.01)</p> <p>[25] EN</p> <p>[54] ENDODONTIC INSTRUMENTS AND METHODS OF MANUFACTURING THEREOF</p> <p>[54] INSTRUMENTS D'ENDODONTIE ET LEURS PROCEDES DE FABRICATION</p> <p>[72] AMMON, DAN, US [72] SHOTTON, VINCENT, US [72] GAO, YONG, US [72] MAXWELL, RANDALL, US [71] DENTSPLY INTERNATIONAL, INC., US</p> <p>[85] 2014-05-16 [86] 2012-11-16 (PCT/US2012/065469) [87] (WO2013/074896) [30] US (13/300,506) 2011-11-18</p>
		<p style="text-align: right;">[21] 2,856,276 [13] A1</p> <p>[51] Int.Cl. C07C 237/16 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR PRODUCING HIGH-PURITY CRYSTALLINE CARBAMIDE</p> <p>[54] PROCEDE DE PRODUCTION DE CARBAMIDE CRISTALLINE DE HAUTE PURETE</p> <p>[72] ANDREEV, ANDREI VLADIMIROVICH, RU [72] BATULLIN, FARID ALEKOVICH, RU [71] ANDREEV, ANDREI VLADIMIROVICH, RU [71] BATULLIN, FARID ALEKOVICH, RU</p> <p>[85] 2014-05-16 [86] 2012-12-03 (PCT/RU2012/001014) [87] (WO2013/077775)</p>

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[21] **2,856,277**
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01)**
[25] EN
[54] **AIR-CONDITIONING CONTROL DEVICE, AIR-CONDITIONING CONTROL METHOD, AND CONTROL PROGRAM**
[54] **DISPOSITIF DE COMMANDE DE CONDITIONNEMENT D'AIR, PROCEDE DE COMMANDE DE CONDITIONNEMENT D'AIR, ET PROGRAMME DE COMMANDE**
[72] HIRAOKA, YUKIO, JP
[72] TSUZAKI, TAKANOBU, JP
[72] KONDOH, SYUUJI, JP
[72] KONDO, SHINYA, JP
[72] FUJI, AKIHIRO, JP
[72] OKAMOTO, HIROTAKA, JP
[72] ASAZURA, TOMOHIRO, JP
[72] ASAKURA, HIRAKU, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2014-05-16
[86] 2012-06-15 (PCT/JP2012/065399)
[87] (WO2013/073223)
[30] JP (2011-252518) 2011-11-18

[21] **2,856,278**
[13] A1

[51] **Int.Cl. A61C 5/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR PLACING ROOT REPAIR MATERIALS FOR ROOT-END CAVITIES**
[54] **PROCEDE ET DISPOSITIFS DE POSE DE MATIERES DE REPARATION DE RACINE POUR DES CAVITES RADICULO-DENTAIRES**
[72] JARAMILLO, DAVID E., US
[71] LOMA LINDA UNIVERSITY, US
[85] 2014-05-16
[86] 2012-11-17 (PCT/US2012/065721)
[87] (WO2013/075058)
[30] US (61/561,216) 2011-11-17

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[13] A1

[51] **Int.Cl. G03G 9/087 (2006.01) G03G 9/08 (2006.01)**
[25] EN
[54] **TONER AND DEVELOPER**
[54] **TONER ET REVELATEUR**
[72] WATANABE, MASAKI, JP
[72] OGAWA, SATOSHI, JP
[72] KUSAHARA, TERUKI, JP
[72] YOSHIDA, RYUTA, JP
[71] RICOH COMPANY, LTD., JP
[85] 2014-05-16
[86] 2012-10-17 (PCT/JP2012/077383)
[87] (WO2013/077131)
[30] JP (2011-253742) 2011-11-21

[21] **2,856,280**
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **IMPROVED EFFICIENCY HEATING, VENTILATING, AND AIR CONDITIONING THROUGH INDIRECT EXTENSION OF COMPRESSOR RUN TIMES**
[54] **RENDEMENT AMELIORE DE CHAUFFAGE, DE VENTILATION ET DE CLIMATISATION PAR EXTENSION INDIRECTE DE TEMPS DE FONCTIONNEMENT DE COMPRESSEUR**
[72] CHILDS, JOSEPH E., US
[72] ROGNLI, ROGER W., US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2014-05-16
[86] 2012-11-19 (PCT/US2012/065880)
[87] (WO2013/075113)
[30] US (61/561,609) 2011-11-18

[21] **2,856,281**
[13] A1

[51] **Int.Cl. A61G 5/10 (2006.01) A45B 1/00 (2006.01) A45B 3/00 (2006.01) A61G 5/14 (2006.01)**
[25] EN
[54] **WHEELCHAIR WITH DETACHABLE WALKER**
[54] **CHAISE ROULANTE POURVUE D'UN DEAMBULATEUR DETACHABLE**
[72] PURDUE, CAROLE, US
[71] PURDUE, CAROLE, US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065550)
[87] (WO2013/074945)
[30] US (61/629,426) 2011-11-18
[30] US (13/385,894) 2012-03-13

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[13] A1

[51] **Int.Cl. A61N 1/378 (2006.01) A61M 1/12 (2006.01) A61N 1/372 (2006.01) H01Q 1/22 (2006.01) H01Q 1/27 (2006.01) H01Q 7/06 (2006.01) H01Q 9/06 (2006.01) H02J 5/00 (2006.01) H02J 7/02 (2006.01) H02J 17/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **TRANSCUTANEOUS POWER TRANSMISSION UTILIZING NON-PLANAR RESONATORS**
[54] **EMISSION D'ENERGIE PAR VOIE TRANSCUTANEE UTILISANT DES RESONATEURS NON-PLANS**
[72] STARK, JOSEPH, US
[72] BURKE, EDWARD, US
[71] THORATEC CORPORATION, US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065553)
[87] (WO2013/078092)
[30] US (13/301,717) 2011-11-21

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[21] **2,856,284**
[13] A1

[51] **Int.Cl. D04C 1/12 (2006.01) A43C 1/02 (2006.01)**
[25] EN
[54] **LACE PROVIDED WITH TUBULAR LACE BODY**
[54] **CORDON MUNI D'UN CORPS TUBULAIRE**
[72] OSADA, MASAKAZU, CN
[72] YANG, LIMING, CN
[72] HSIEH, TSUNG JEN, CN
[72] KAJIWARA, RYUJI, JP
[71] OSADA, MASAKAZU, CN
[71] YANG, LIMING, CN
[71] HSIEH, TSUNG JEN, CN
[71] TWINS CORPORATION, JP
[85] 2014-05-13
[86] 2012-11-01 (PCT/JP2012/078395)
[87] (WO2014/006774)
[30] JP (2012-150880) 2012-07-04

[21] **2,856,285**
[13] A1

[51] **Int.Cl. H04N 21/47 (2011.01) H04N 21/472 (2011.01) H04N 21/4725 (2011.01) H04N 21/858 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENABLING RECIPIENT INTERACTION WITH A CONTENT STREAM**
[54] **PROCEDE ET APPAREIL POUR PERMETTRE UNE INTERACTION DE DESTINATAIRE AVEC UN FLUX DE CONTENUS**
[72] MOSTAFA, ASGHAR D., US
[72] BROWN, THOMAS J., US
[72] GERBER, DYANNA T., US
[71] RUBRIQ CORPORATION, US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065554)
[87] (WO2013/074947)
[30] US (61/561,786) 2011-11-18

[21] **2,856,286**
[13] A1

[51] **Int.Cl. A63F 9/24 (2006.01)**
[25] EN
[54] **SKILL CALIBRATED HYBRID GAME**
[54] **JEU HYBRIDE A ETALONNAGE D'APTITUDE**
[72] ARNONE, MILES, US
[72] MEYERHOFER, ERIC, US
[72] ROSS, CAITLYN, US
[71] GAMBLIT GAMING, LLC, US
[85] 2014-05-16
[86] 2012-11-19 (PCT/US2012/065922)
[87] (WO2013/075129)
[30] US (61/629,438) 2011-11-19

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[13] A1

[51] **Int.Cl. C12N 15/115 (2010.01) A61K 31/7115 (2006.01) A61K 48/00 (2006.01) A61P 9/00 (2006.01) A61P 43/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12N 9/00 (2006.01) C12Q 1/68 (2006.01) C40B 40/06 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **NUCLEIC ACID FRAGMENT BINDING TO TARGET PROTEIN**
[54] **LIAISON DE FRAGMENT D'ACIDE NUCLEIQUE A UNE PROTEINE CIBLE**
[72] HIRAO, ICHIRO, JP
[72] HIRAO, MICHIKO, JP
[72] YAMASHIGE, RIE, JP
[72] YOKOYAMA, SHIGEYUKI, JP
[71] TAGCYX BIOTECHNOLOGIES, JP
[85] 2014-05-16
[86] 2012-11-15 (PCT/JP2012/079611)
[87] (WO2013/073602)
[30] JP (2011-253357) 2011-11-18
[30] JP (2012-148962) 2012-07-02

[21] **2,856,289**
[13] A1

[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) A61K 31/7125 (2006.01) A61K 31/713 (2006.01)**
[25] EN
[54] **MODIFIED RNAI AGENTS**
[54] **AGENTS ARNI MODIFIES**
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] ZIMMERMANN, TRACY, US
[72] MANOHARAN, MUTHIAH, US
[72] MAIER, MARTIN, US
[72] KUCHIMANCHI, SATYANARAYANA, US
[72] CHARISSE, KLAUS, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065601)
[87] (WO2013/074974)
[30] US (61/561,710) 2011-11-18

[21] **2,856,291**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61P 25/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **INHIBITORS OF C-JUN-N-TERMINAL KINASE (JNK)**
[54] **INHIBITEURS DE LA KINASE C-JUN-N-TERMINALE (JNK)**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065618)
[87] (WO2013/074986)
[30] US (61/561,078) 2011-11-17

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[13] A1

[51] **Int.Cl. C22B 13/00 (2006.01) B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01) B01D 53/77 (2006.01) F27D 17/00 (2006.01)**

[25] EN

[54] **DIRECT REDUCED IRON MANUFACTURING SYSTEM**

[54] **SYSTEME DE FABRICATION DE FER DE REDUCTION DIRECTE**

[72] SAKAGUCHI, MASAKAZU, JP

[72] HIRAYAMA, HARUAKI, JP

[72] SUSAKI, MAKOTO, JP

[72] ISHIDA, KAZUO, JP

[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2014-05-14

[86] 2012-11-16 (PCT/JP2012/079766)

[87] (WO2013/073663)

[30] JP (2011-251967) 2011-11-17

[21] **2,856,294**
[13] A1

[51] **Int.Cl. E04G 21/14 (2006.01) E04B 1/35 (2006.01) E04B 2/86 (2006.01) E04G 21/00 (2006.01) E04G 21/02 (2006.01)**

[25] EN

[54] **NON-BEARING MODULAR CONSTRUCTION SYSTEM**

[54] **SYSTEME DE CONSTRUCTION MODULAIRE NON PORTEUR**

[72] AUSTIN, DOUGLAS, US

[72] JENCKS, WILLIAM, US

[71] AUSTIN, DOUGLAS, US

[71] JENCKS, WILLIAM, US

[85] 2014-05-16

[86] 2012-11-16 (PCT/US2012/065674)

[87] (WO2013/075023)

[30] US (61/561,750) 2011-11-18

[30] US (13/668,006) 2012-11-02

[21] **2,856,295**
[13] A1

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

[25] EN

[54] **MARKERS OF TRIPLE-NEGATIVE BREAST CANCER AND USES THEREOF**

[54] **MARQUEURS DE CANCER DU SEIN TRIPLE NEGATIF ET UTILISATIONS DE CEUX-CI**

[72] PIETENPOL, JENNIFER A., US

[72] LEHMANN, BRIAN, US

[72] BAUER, JOSH, US

[72] CHEN, XI, US

[71] VANDERBILT UNIVERSITY, US

[85] 2014-05-16

[86] 2012-11-17 (PCT/US2012/065724)

[87] (WO2013/075059)

[30] US (61/561,743) 2011-11-18

[21] **2,856,297**
[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 15/13 (2006.01) G01N 33/574 (2006.01) C07K 16/40 (2006.01)**

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[54] **BINDING MOLECULES SPECIFIC FOR HER3 AND USES THEREOF**

[54] **MOLECULES DE LIAISON PROPRES A HER3 ET UTILISATION DE CELLES-CI**

[72] CHOWDHURY, PARTHA S., US

[72] TICE, DAVID, US

[72] XIAO, ZHAN, US

[72] STEINER, PHILIPP, US

[72] KINNEER, KRISTA, US

[72] REBELATTO, MARLON, US

[71] MEDIMMUNE, LLC, US

[85] 2014-05-16

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[87] (WO2013/078191)

[30] US (61/563,092) 2011-11-23

[30] US (61/656,670) 2012-06-07

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[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01)**

[25] EN

[54] **TOOTHBRUSH HAVING AN INNER CAVITY**

[54] **BROSSE A DENTS POURVUE D'UNE CAVITE INTERNE**

[72] WEN, CATHY, US

[72] NEWMAN, MATTHEW LLOYD, US

[72] BIRK, ANDREAS, DE

[72] BRESSELSCHMIDT, ANDREAS, DE

[72] HORTON, ANDREW JOSEPH, US

[72] HUSTEDT, SIEGFRIED KURT MARTIN, DE

[72] JACKSON, SCOTT, US

[72] KAWERAU, JOCHEN, DE

[72] PFEIFER, ULRICH, DE

[72] SATTERFIELD, RICHARD DARREN, US

[72] SCHMELCHER, HEIDRUN ANNIKA, DE

[72] SCHMID, FRANZISKA, DE

[72] STOERKEL, JENS UWE, DE

[72] WILSON, BENJAMIN JOHN, DE

[72] WINKLER, TILMANN, DE

[71] THE PROCTOR & GAMBLE COMPANY, US

[85] 2014-05-16

[86] 2012-11-21 (PCT/US2012/066319)

[87] (WO2013/078356)

[30] US (61/562,675) 2011-11-22

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[21] **2,856,300**
[13] A1

[51] **Int.Cl. B29C 49/06 (2006.01) A46B 5/02 (2006.01) A46D 3/00 (2006.01) A46D 3/04 (2006.01) B29C 45/14 (2006.01) B29C 49/64 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A TOOTHBRUSH HANDLE HAVING AN INNER CAVITY**

[54] **PROCEDE POUR PRODUIRE UN MANCHE DE BROUSSE A DENTS POURVU D'UNE CAVITE INTERNE**

[72] PFEIFER, ULRICH, DE

[72] NEWMAN, MATTHEW LLOYD, US

[72] WEN, CATHY, US

[72] BIRK, ANDREAS, DE

[72] BRESSELSCHMIDT, ANDREAS, DE

[72] HORTON, ANDREW JOSEPH, US

[72] HUSTEDT, SIEGFRIED KURT MARTIN, DE

[72] KAWERAU, JOCHEN, DE

[72] SCHMELCHER, HEIDRUN ANNIKA, DE

[72] SCHMID, FRANZISKA, DE

[72] STOERKEL, JENS UWE, DE

[72] WILSON, BENJAMIN JOHN, DE

[72] WINKLER, TILMANN, DE

[71] THE PROCTER & GAMBLE COMPANY, US

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[87] (WO2013/078360)

[30] US (61/562,675) 2011-11-22

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[54] **PYRAZINE KINASE INHIBITORS**

[54] **INHIBITEURS DE DE LA PYRAZINE KINASE**

[72] SONG, YONGHONG, US

[72] XU, QING, US

[72] JIA, ZHAOZHONG J., US

[72] KANE, BRIAN, US

[72] BAUER, SHAWN M., US

[72] PANDEY, ANJALI, US

[71] PORTOLA PHARMACEUTICALS, INC., US

[85] 2014-05-16

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[87] (WO2013/078466)

[30] US (61/563,466) 2011-11-23

[21] **2,856,302**
[13] A1

[51] **Int.Cl. H01R 41/02 (2006.01) B64C 9/22 (2006.01) B64D 15/12 (2006.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR TRANSFERRING ELECTRICAL POWER AND/OR INFORMATION SIGNALS**

[54] **PROCEDE ET DISPOSITIF POUR TRANSFERER DE L'ENERGIE ELECTRIQUE ET/OU DES SIGNAUX DE DONNEES**

[72] HADEN, BERTIL, SE

[72] FIGUEROA-KARLSTROM, EDUARDO, SE

[71] SAAB AB, SE

[85] 2014-05-16

[86] 2011-11-18 (PCT/SE2011/051393)

[87] (WO2013/074009)

[21] **2,856,303**
[13] A1

[51] **Int.Cl. C01B 39/04 (2006.01) C01B 39/48 (2006.01)**

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[54] **PREPARATION OF MOLECULAR SIEVE SSZ-23**

[54] **PREPARATION D'UN TAMIS MOLECULAIRE SSZ-23**

[72] ZONES, STACEY IAN, US

[71] CHEVRON U.S.A. INC., US

[85] 2014-05-16

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[87] (WO2013/130240)

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[21] **2,856,304**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01) C12Q 1/48 (2006.01)**

[25] EN

[54] **OSCILLATING AMPLIFICATION REACTION FOR NUCLEIC ACIDS**

[54] **REACTION D'AMPLIFICATION D'OSCILLATION POUR DES ACIDES NUCLEIQUES**

[72] CAI, HONG, US

[72] COBB, NATHAN J., US

[71] MESA TECH INTERNATIONAL, INC., US

[85] 2014-05-14

[86] 2012-04-20 (PCT/US2012/034589)

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[30] US (61/477,437) 2011-04-20

[30] US (61/477,357) 2011-04-20

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[13] A1

[51] **Int.Cl. A61L 27/34 (2006.01) A61F 2/82 (2013.01) A61L 27/56 (2006.01)**

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[54] **ROTATIONAL SPUN MATERIAL COVERED MEDICAL APPLIANCES AND METHODS OF MANUFACTURE**

[54] **APPAREILS MEDICAUX RECOUVERTS DE MATERIAU TISSE ROTATIONNEL ET PROCEDES DE FABRICATION**

[72] HALL, JOHN WILLIAM, US
[72] ELLER, ZEKE, US
[72] KELLAR, ROBERT S., US
[72] SIMMONS, RACHEL LYNN, US
[72] DOLMATCH, BART, US
[72] MOWER, WAYNE L., US
[72] RADFORD, ROBERT J., US
[71] MERIT MEDICAL SYSTEMS, INC., US

[85] 2014-05-16
[86] 2013-01-15 (PCT/US2013/021554)
[87] (WO2013/109528)
[30] US (61/587,088) 2012-01-16
[30] US (61/637,693) 2012-04-24
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[54] **SELECTIVE KINASE INHIBITORS**

[54] **INHIBITEURS SELECTIFS DE KINASES**

[72] JIA, ZHAOZHONG J., US
[72] KANE, BRIAN, US
[72] XU, QING, US
[72] BAUER, SHAWN M., US
[72] SONG, YONGHONG, US
[72] PANDEY, ANJALI, US
[72] DICK, RYAN, US
[71] PORTOLA PHARMACEUTICALS, INC., US

[85] 2014-05-16
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[30] US (61/563,458) 2011-11-23

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[54] **RECIPROCATING AND ROTATING SECTION AND METHODS IN A DRILLING SYSTEM**

[54] **SECTION SE DEPLACANT EN VA-ET-VIENT ET ROTATIVE ET PROCEDES DANS UN SYSTEME DE FORAGE**

[72] KUTTEL, BEAT, US
[72] YORK, LEMUEL T., US
[72] YOUSEF, FAISAL J., US
[72] HAGER, KEITH A., US
[72] SLOCUM, RANDY, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US

[85] 2014-05-16
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[87] (WO2014/070482)
[30] US (61/720,725) 2012-10-31
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[21] **2,856,308**
[13] A1

[51] **Int.Cl. G06F 11/07 (2006.01)**

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[54] **PROGRAM FLOW CONTROL MONITORING ROUTINES, RELATED METHODS AND SYSTEMS**

[54] **ROUTINES DE SURVEILLANCE DE COMMANDE DE FLUX DE PROGRAMMES, PROCEDES ET SYSTEMES CORRESPONDANTS**

[72] DALAL, MEHUL, IN
[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2014-05-16
[86] 2012-11-29 (PCT/US2012/067009)
[87] (WO2013/082256)
[30] IN (3388/MUM/2011) 2011-12-02

[21] **2,856,309**
[13] A1

[51] **Int.Cl. C07D 487/06 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01)**

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[54] **FUSED TETRA OR PENTACYCLIC DIHYDRODIAZEPINOCARBAZOLONES AS PARP INHIBITORS**

[54] **DIHYDRODIAZEPINOCARBAZOLONES TETRA OU PENTACYCLIQUES FUSIONNES A UTILISER EN TANT QU'INHIBITEURS DE PARP**

[72] ZHOU, CHANGYOU, US
[72] REN, BO, CN
[72] WANG, HEXIANG, CN
[71] BEIGENE, LTD., KY

[85] 2014-05-20
[86] 2011-12-31 (PCT/CN2011/085148)
[87] (WO2013/097225)

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[21] **2,856,310**
[13] A1

[51] **Int.Cl. B01J 37/03 (2006.01) B01J 21/06 (2006.01) B01J 21/10 (2006.01) B01J 23/10 (2006.01) B01J 23/22 (2006.01) B01J 23/34 (2006.01) B01J 35/00 (2006.01) B01J 35/06 (2006.01) B01J 37/00 (2006.01) B01J 37/08 (2006.01) B01J 37/10 (2006.01) C01F 5/02 (2006.01) C01F 5/08 (2006.01) C01F 5/14 (2006.01)**

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[54] **NANOWIRE CATALYSTS AND METHODS FOR THEIR USE AND PREPARATION**

[54] **CATALYSEURS DE NANOCABLE ET PROCEDES POUR LEUR UTILISATION ET PREPARATION**

[72] ZURCHER, FABIO R., US
[72] SCHER, ERIK C., US
[72] CIZERON, JOEL M., US
[72] SCHAMMEL, WAYNE P., US
[72] TKACHENCKO, ALEX, US
[72] GAMORAS, JOEL, US
[72] KARSHTEDT, DMITRY, US
[72] NYCE, GREG, US
[72] RUMPLECKER, ANJA, US
[72] MCCORMICK, JAROD, US
[72] MERZLYAK, ANNA, US
[72] ALCID, MARIAN, US
[72] ROSENBERG, DANIEL, US
[72] RAS, ERIK-JAN, NL
[71] SILURIA TECHNOLOGIES, INC., US
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[86] 2012-11-29 (PCT/US2012/067124)
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[30] US (61/651,399) 2012-05-24

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[13] A1

[51] **Int.Cl. H01R 13/6587 (2011.01) H01R 12/52 (2011.01) H01R 12/58 (2011.01) H01R 12/70 (2011.01) H01R 12/73 (2011.01) H05K 3/36 (2006.01)**

[25] EN

[54] **A PLUG CONNECTOR WITH SHIELDING**

[54] **CONNECTEUR ENFICHABLE POURVU D'UN BLINDAGE**

[72] LAPPOHN, JURGEN, DE
[71] ERNI ELECTRONICS GMBH & CO. KG, DE
[85] 2014-05-20
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[30] DE (10 2011 119 274.7) 2011-11-24

[21] **2,856,312**
[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01) E21B 17/01 (2006.01)**

[25] EN

[54] **RISER RECOIL DAMPING**

[54] **AMORTISSEMENT DU RECOL D'UNE COLONNE MONTANTE**

[72] REINAS, LORENTS, NO
[72] WERNO, TORE GEIR, NO
[72] SAETHER, MORTEN, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2014-05-20
[86] 2011-11-18 (PCT/EP2011/070490)
[87] (WO2013/071982)

[21] **2,856,313**
[13] A1

[51] **Int.Cl. A23G 9/04 (2006.01) A23G 9/00 (2006.01) A23G 9/32 (2006.01) A23L 3/36 (2006.01) A47G 23/04 (2006.01) B65D 6/00 (2006.01) B65D 85/78 (2006.01) F16L 15/02 (2006.01) F25D 3/08 (2006.01) F25D 9/00 (2006.01) F25D 23/06 (2006.01)**

[25] EN

[54] **METHOD OF, AND APPARATUS FOR, MAKING FROZEN BEVERAGES, ICE CREAM AND OTHER FROZEN CONFECTIONS**

[54] **PROCEDE ET APPAREIL DE FABRICATION DE BOISSONS GLACEES, DE CREME GLACEE ET AUTRES DESSERTS GLACES**

[72] BUCCERI, ALFIO, AU
[71] CHILL FACTOR GLOBAL PTY LTD, AU
[85] 2014-05-20
[86] 2013-02-22 (PCT/AU2013/000163)
[87] (WO2013/123561)
[30] AU (PCT/AU2012/000169) 2012-02-22
[30] AU (2012902359) 2012-06-06
[30] AU (2012904927) 2012-11-12
[30] AU (2012905691) 2012-12-21
[30] AU (2013900264) 2013-01-29
[30] AU (2013900429) 2013-02-07

[21] **2,856,314**
[13] A1

[51] **Int.Cl. A61N 1/40 (2006.01)**

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[54] **MODULATING FUNCTION OF NEURAL STRUCTURES NEAR THE EAR**

[54] **FONCTION DE MODULATION DES STRUCTURES NEURALES A PROXIMITE DE L'OREILLE**

[72] BORSODY, MARK KLINGLER, US
[71] NERVIVE, INC., US
[85] 2014-05-16
[86] 2012-12-04 (PCT/US2012/067801)
[87] (WO2013/085924)
[30] US (61/630,150) 2011-12-06
[30] US (61/633,371) 2012-02-10
[30] US (61/624,958) 2012-04-16
[30] US (61/676,631) 2012-07-27
[30] US (13/692,226) 2012-12-03

[21] **2,856,315**
[13] A1

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[25] EN

[54] **RISER WEAK LINK**

[54] **LIAISON FAIBLE DE COLONNE MONTANTE**

[72] KONGSHEM, CHRISTIAN ANDREAS, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2014-05-20
[86] 2011-11-18 (PCT/EP2011/070491)
[87] (WO2013/071983)

[21] **2,856,316**
[13] A1

[51] **Int.Cl. G01V 1/38 (2006.01) B63B 21/66 (2006.01) B63B 35/00 (2006.01)**

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[54] **STEERABLE FAIRING STRING**

[54] **CABLE CARENE DIRIGEABLE**

[72] MARTIN, DANIEL GEORGE, CA
[71] GLOBAL DYNAMICS INCORPORATED, CA
[85] 2014-04-22
[86] 2012-10-26 (PCT/CA2012/000996)
[87] (WO2013/059926)
[30] US (61/552,652) 2011-10-28

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[13] A1

[51] **Int.Cl. B64C 1/40 (2006.01) B32B 5/32 (2006.01) E04B 1/82 (2006.01) G10K 11/168 (2006.01)**

[25] EN

[54] **IMPROVED THERMAL-ACOUSTIC SECTIONS FOR AN AIRCRAFT SECTIONS THERMOACOUSTIQUES AMELIOREES POUR AERONEF**

[72] WANG, TONGAN, US
[72] MAXON, JOHN WILLETT, JR., US
[72] FOOSE, ANDREW, US
[72] HORNICK, DAVID CHARLES, US
[72] FILA, JOSEF, US
[71] GULFSTREAM AEROSPACE CORPORATION, US

[85] 2014-05-16
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[30] US (13/314,954) 2011-12-08

[21] **2,856,318**
[13] A1

[51] **Int.Cl. B66C 23/74 (2006.01)**

[25] EN

[54] **COUNTERWEIGHT FIXING DEVICE**

[54] **FIXATION DE CONTRE-POIDS**

[72] DORZBACH, ULRICH, DE
[72] KLEINKNECHT, JOHANNES, DE
[72] ZIEGLER, JOCHEN, DE
[71] WOLFFKRAN HOLDING AG, CH

[85] 2014-05-20
[86] 2012-11-20 (PCT/EP2012/004800)
[87] (WO2013/075816)
[30] DE (10 2011 118 926.6) 2011-11-21

[21] **2,856,319**
[13] A1

[51] **Int.Cl. C08J 11/18 (2006.01) C08C 19/08 (2006.01)**

[25] EN

[54] **METHOD OF DEVULCANIZING A CROSS-LINKED ELASTOMERIC MATERIAL**

[54] **PROCEDE DE DEVULCANISATION D'UN MATERIAU ELASTOMERE RETICULE**

[72] FISHER, JAMES F., CA
[71] NEW RUBBER TECHNOLOGIES HOLDINGS, INC., US

[85] 2014-05-20
[86] 2012-11-19 (PCT/CA2012/001063)
[87] (WO2013/075216)
[30] US (13/304,509) 2011-11-25

[21] **2,856,320**
[13] A1

[51] **Int.Cl. B29B 17/04 (2006.01) C08C 19/08 (2006.01) C08J 11/06 (2006.01)**

[25] EN

[54] **APPARATUS FOR PROCESSING SCRAP CROSS-LINKED THERMOSET ELASTOMERIC MATERIAL**

[54] **APPAREIL DE TRAITEMENT D'UN MATERIAU DE REBUT ELASTOMERE THERMODURCI ET RETICULE**

[72] FISHER, JAMES F., CA
[71] REP INTERNATIONAL, FR

[85] 2014-05-20
[86] 2012-11-19 (PCT/CA2012/001070)
[87] (WO2013/075218)
[30] US (61/563,689) 2011-11-25

[21] **2,856,321**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **EJECTOR FOR AN AEROSOL-GENERATING DEVICE**

[54] **EXTRACTEUR POUR UN DISPOSITIF DE GENERATION D'AEROSOL**

[72] PLOJOUX, JULIEN, CH
[72] GREIM, OLIVIER, CH
[72] RUSCIO, DANI, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2014-05-20
[86] 2012-11-20 (PCT/EP2012/073135)
[87] (WO2013/076098)
[30] EP (11250907.0) 2011-11-21
[30] EP (12155245.9) 2012-02-13

[21] **2,856,322**
[13] A1

[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/071 (2010.01) C12Q 1/24 (2006.01)**

[25] EN

[54] **POPULATIONS OF HEMATOPOIETIC PROGENITORS AND METHODS OF ENRICHING STEM CELLS THEREFOR**

[54] **POPULATIONS DE PROGENITEURS HEMATOPOIETIQUES ET PROCEDES D'ENRICHISSEMENT DE CELLULES SOUCHES ASSOCIE EN CEUX-CI**

[72] KELLER, GORDON, CA
[72] ZUNIGA-PFLUCKER, JUAN CARLOS, CA
[72] KENNEDY, MARION J., CA
[72] STURGEON, CHRISTOPHER MICHAEL, CA
[72] DITADI, ANDREA, CA
[72] AWONG, GENEVE SHEANDRA, CA
[71] UNIVERSITY HEALTH NETWORK, CA

[71] SUNNYBROOK RESEARCH INSTITUTE, CA

[85] 2014-05-20
[86] 2012-11-21 (PCT/CA2012/001076)
[87] (WO2013/075222)
[30] US (61/562,094) 2011-11-21

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[21] **2,856,323**
[13] A1

[51] **Int.Cl. B01J 37/02 (2006.01) B01J 21/04 (2006.01) B01J 23/58 (2006.01) B01J 23/62 (2006.01) B01J 35/00 (2006.01) B01J 35/02 (2006.01) B01J 35/08 (2006.01) B01J 35/10 (2006.01) B01J 37/18 (2006.01) C07C 5/333 (2006.01)**

[25] EN

[54] **CATALYST COMPOSITE FOR DEHYDROGENATION OF HYDROCARBONS AND METHOD OF PREPARATION THEREOF**

[54] **COMPOSITE DE CATALYSEUR DESTINE A LA DESHYDROGENATION D'HYDROCARBURES ET PROCEDE DE PREPARATION CORRESPONDANT**

[72] LANDE, SHARAD VASUDERAO, IN

[72] KATRAVULAPALLI VEERA, VENKATA SATYA BHASKARA SITA RAMA MURTHY, IN

[72] UNNIKRISHNAN, SREEDHARAN, IN

[72] SHARMA, NAGESH, IN

[72] VAIDYA, SHASHANK, IN

[72] DONGARA, RAJESHWER, IN

[72] KRISHNAMURTHY, RAMASWAMY KONDA, IN

[71] RELIANCE INDUSTRIES LTD., IN

[85] 2014-05-20

[86] 2012-11-20 (PCT/IN2012/000757)

[87] (WO2013/105112)

[30] IN (3190/MUM/2011) 2011-11-21

[21] **2,856,324**
[13] A1

[51] **Int.Cl. C07J 75/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF DROSPIRENONE**

[54] **PROCEDE DE PREPARATION DE DROSPIRENONE**

[72] LENNA, ROBERTO, IT

[72] VANOSI, ANDREA, IT

[71] INDUSTRIALE CHIMICA S.R.L., IT

[85] 2014-05-20

[86] 2012-11-21 (PCT/EP2012/073181)

[87] (WO2013/076118)

[30] EP (11190133.6) 2011-11-22

[30] US (61/562,626) 2011-11-22

[30] IT (MI2012A000146) 2012-02-03

[21] **2,856,325**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **ANTI-FGFR2 ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS ANTI-FGFR2 ET UTILISATIONS DE CEUX-CI**

[72] HARRENGA, AXEL, DE

[72] KOPITZ, CHARLOTTE CHRISTINE, DE

[72] HAMMER, STEFANIE, DE

[72] DITTMER, FRANK, DE

[72] GOLFIER, SVEN, DE

[72] TRAUTWEIN, MARK, DE

[72] BRUDER, SANDRA, DE

[72] FRANZ, JURGEN, DE

[72] STELTE-LUDWIG, BEATRIX, DE

[72] LINDEN, LARS, DE

[72] FINNERN, RICARDA, DE

[72] GREVEN, SIMONE, DE

[72] TEBBE, JAN, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2014-05-20

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[87] (WO2013/076186)

[30] EP (11190227.6) 2011-11-23

[21] **2,856,326**
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) G06T 17/10 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT BY MEANS OF A STEREO LITHOGRAPHY PROCESS, INCLUDING A COMPUTER GRAPHIC DESIGN OF SAID OBJECT**

[54] **OBJET TRIDIMENSIONNEL AMELIORE OBTENU AU MOYEN D'UN PROCEDE DE STEREO LITHOGRAPHIE ET PROCEDE DE CONCEPTION GRAPHIQUE INFORMATISEE DUDIT OBJET**

[72] ZENERE, SERGIO, IT

[71] DWS S.R.L., IT

[85] 2014-05-20

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[87] (WO2013/076549)

[30] IT (VI2011A000302) 2011-11-23

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[13] A1

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[25] EN

[54] **DEVICE AND METHOD FOR REPAIRING A VERGE**

[54] **DISPOSITIF ET PROCEDE DE REPARATION D'UN ACCOTEMENT**

[72] KLEIS, JAN, NL

[72] LOTTERMAN, SANDER, NL

[71] H. LOTTERMAN BEHEER B.V., NL

[85] 2014-05-20

[86] 2012-11-08 (PCT/NL2012/050787)

[87] (WO2013/077731)

[30] NL (2007840) 2011-11-22

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[13] A1

[51] **Int.Cl. C07K 14/52 (2006.01) A61K 38/10 (2006.01) A61K 38/19 (2006.01) C07K 14/535 (2006.01) C07K 14/715 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING GLIOMA**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU GLIOME**

[72] KAMINSKA-KACZMAREK, BOZENA, PL

[72] SIELSKA, MALGORZATA, PL

[72] WISNIEWSKI, PAWEL, PL

[72] ELLERT-MIKLASZEWSKA, ALEKSANDRA, PL

[71] NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, PL

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[86] 2012-11-18 (PCT/IB2012/056533)

[87] (WO2013/072901)

[30] US (61/561,080) 2011-11-17

[30] US (61/583,745) 2012-01-06

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[25] EN

[54] **STABILIZED CHOLINE SOLUTIONS AND METHODS FOR PREPARING THE SAME**

[54] **SOLUTIONS DE CHOLINE STABILISEES ET LEURS PROCEDES DE PREPARATION**

[72] MOONEN, KRISTOF, BE

[72] GERON, MICHAEL DAVID, US

[71] TAMINCO, BE

[85] 2014-05-20

[86] 2012-11-22 (PCT/EP2012/073337)

[87] (WO2013/076190)

[30] US (PCT/US2011/061826) 2011-11-22

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[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01)**

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[54] **LAPTOP DETECTION**

[54] **DETECTION D'ORDINATEUR PORTABLE**

[72] OELKE, DOMINIK, DE

[71] SMITHS HEIMANN GMBH, DE

[85] 2014-05-20

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[87] (WO2013/080056)

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[13] A1

[51] **Int.Cl. A23C 19/09 (2006.01) A23L 1/00 (2006.01) A23L 1/025 (2006.01) A23L 1/18 (2006.01)**

[25] EN

[54] **FOOD BASED ON POPCORN AND CHEESE, AND RESPECTIVE PRODUCTION METHOD**

[54] **ALIMENT BASE SUR DU POP-CORN ET DU FROMAGE ET PROCEDE DE PRODUCTION RESPECTIF**

[72] SANGIACOMO, FRANCESCA, IT

[71] SAN LUCIO S.R.L., IT

[85] 2014-05-20

[86] 2012-11-20 (PCT/IB2012/056558)

[87] (WO2013/076644)

[30] IT (BS2011A000158) 2011-11-22

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[13] A1

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[25] EN

[54] **NOVEL TRIFLUOROMETHYL-OXADIAZOLE DERIVATIVES AND THEIR USE IN THE TREATMENT OF DISEASE**

[54] **NOUVEAUX DERIVES TRIFLUOROMETHYL-OXADIAZOLES ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES**

[72] HEBACH, CHRISTINA, CH

[72] KALLEN, JOERG, CH

[72] NOZULAK, JOACHIM, CH

[72] TINTELNOT-BLOMLEY, MARINA, CH

[72] WIDLER, LEO, CH

[71] NOVARTIS AG, CH

[85] 2014-05-20

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[87] (WO2013/080120)

[30] US (61/564,031) 2011-11-28

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[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/38 (2006.01) G06F 19/00 (2011.01)**

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[54] **SEPARATION OF SIMULTANEOUS SOURCE DATA**

[54] **SEPARATION DE DONNEES DE SOURCE SIMULTANEE**

[72] JI, YING, US

[72] KRAGH, JULIAN EDWARD, GB

[72] CHRISTIE, PHILIP ANDREW FELTON, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2014-05-20

[86] 2012-11-27 (PCT/IB2012/056768)

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[30] US (13/305,234) 2011-11-28

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[51] **Int.Cl. B01J 19/12 (2006.01) C10J 1/207 (2012.01) B01J 19/28 (2006.01) C10B 1/10 (2006.01) C10B 19/00 (2006.01) C10B 47/30 (2006.01) C10B 49/00 (2006.01) C10B 51/00 (2006.01) C10B 53/02 (2006.01) C10B 57/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PROCESSING BIOMASS**

[54] **APPAREIL ET PROCEDE POUR TRAITER UNE BIOMASSE**

[72] CONNER, GREGORY THOMAS, NZ

[72] TYRRELL-BAXTER, FORREST JOHN, NZ

[71] CARBONSCAPE LIMITED, NZ

[85] 2014-05-20

[86] 2012-11-21 (PCT/NZ2012/000213)

[87] (WO2013/077748)

[30] NZ (596549) 2011-11-21

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[13] A1

[51] **Int.Cl. C12P 19/04 (2006.01) C12N 5/076 (2010.01) A01N 1/02 (2006.01) C12N 9/20 (2006.01)**

[25] EN

[54] **METHODS FOR THE PREPARATION OF HYDROGELS USING LIPASE ENZYMES**

[54] **PROCEDES DE PREPARATION D'HYDROGELS EN UTILISANT DES ENZYMES LIPASES**

[72] KLINKENBERG, GEIR, NO

[72] DOMAAS JOSEFSEN, KJELL, NO

[72] KOMMISRUUD, ELISABETH, NO

[71] SPERMVITAL AS, NO

[85] 2014-05-20

[86] 2012-11-23 (PCT/EP2012/073434)

[87] (WO2013/076232)

[30] GB (1120368.4) 2011-11-24

[30] US (61/563,550) 2011-11-24

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[25] EN
[54] **PETROLATUM COMPOSITION**
[54] **COMPOSITION DE PETROLATUM**
[72] BEKKER, MADELYN, ZA
[72] WEBBER, GLENDA VANESSA, ZA
[72] JACOBS, CORINA, ZA
[72] LOUW, NICOLAAS RUSSOUW, ZA
[72] MONTGOMERY, NOEL THOMAS, ZA
[72] JANSEN VAN RENSBURG, VERNON JOHAN, ZA
[71] SASOL CHEMICAL INDUSTRIES LIMITED, ZA
[85] 2014-05-20
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[87] (WO2013/080138)
[30] ZA (2011/08766) 2011-11-29

[21] **2,856,341**
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[51] **Int.Cl. C22B 23/00 (2006.01) C01G 53/10 (2006.01) C22B 3/26 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) H01M 10/54 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HIGH-PURITY NICKEL SULFATE**
[54] **PROCEDE DE FABRICATION DE SULFATE DE NICKEL DE HAUTE PURETE**
[72] NAKAI, TAKAYUKI, JP
[72] HIGAKI, TATSUYA, JP
[72] OZAKI, YOSHITOMO, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2014-05-20
[86] 2012-11-19 (PCT/JP2012/079985)
[87] (WO2013/077296)
[30] JP (2011-255547) 2011-11-22

[21] **2,856,343**
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[51] **Int.Cl. C12N 9/42 (2006.01) B01D 61/14 (2006.01) B01D 61/18 (2006.01) B01D 61/22 (2006.01) B01D 61/58 (2006.01) B09B 3/00 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CELLULASE AND APPARATUS FOR SAID METHOD**
[54] **PROCEDE DE PRODUCTION DE CELLULASE ET APPAREIL PERMETTANT LA MISE EN ~UVRE DUDIT PROCEDE**
[72] KURIHARA, HIROYUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2014-05-20
[86] 2012-11-21 (PCT/JP2012/080123)
[87] (WO2013/077341)
[30] JP (2011-253706) 2011-11-21

[21] **2,856,340**
[13] A1

[51] **Int.Cl. B60S 1/50 (2006.01)**
[25] EN
[54] **SECONDARY LIQUID CONTAINER FOR A MOTOR VEHICLE**
[54] **RECIPIENT DE LIQUIDE SECONDAIRE POUR VEHICULE AUTOMOBILE**
[72] KOLL, FRIEDBERT, DE
[71] KAUTEX TEXTRON GMBH & CO. KG, DE
[85] 2014-05-20
[86] 2012-11-10 (PCT/EP2012/004683)
[87] (WO2013/075794)
[30] DE (10 2011 118 929.0) 2011-11-21

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[13] A1

[51] **Int.Cl. G06K 19/00 (2006.01) B65B 5/00 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING PACKAGING OF ITEMS ON A PRODUCTION/DISTRIBUTION LINE**
[54] **PROCEDE ET SYSTEME DE COMMANDE DE L'EMBALLAGE D'ARTICLES SUR UNE LIGNE DE PRODUCTION/DISTRIBUTION**
[72] COLLOMBET, YVAN, FR
[72] COTSFORD, DANIEL, CH
[72] FEFIN, CHRISTIAN, FR
[72] LORCA, RODRIGO, CH
[72] TORRES, LUCIANO, CH
[71] SICPA HOLDING SA, CH
[85] 2014-05-20
[86] 2012-11-23 (PCT/EP2012/073478)
[87] (WO2013/079408)
[30] EP (11009413.3) 2011-11-28
[30] US (61/564,119) 2011-11-28

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[13] A1

[51] **Int.Cl. C12M 1/38 (2006.01) B01L 7/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DEVICE FOR THERMAL CONVECTION POLYMERASE CHAIN REACTION**
[54] **DISPOSITIF A CONVECTION THERMIQUE POUR UNE REACTION EN CHAINE DE LA POLYMERASE**
[72] SU, CHENG, CN
[72] TENG, PING HUA, CN
[71] GENEREACH BIOTECHNOLOGY CORP., CN
[85] 2014-05-20
[86] 2011-11-22 (PCT/CN2011/001941)
[87] (WO2013/075263)

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[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SUTURE PASSING INSTRUMENTATION AND METHODS OF USE THEREOF**
[54] **INSTRUMENTS DE PASSAGE DE SUTURE ET LEUR PROCEDURE D'UTILISATION**
[72] HARRISON, ROBERT, CA
[72] GODARA, NEIL, CA
[72] ARNETT, JEFFERY, US
[72] YU, LAURA MAN YEE, CA
[71] ANCHOR ORTHOPEDICS XT INC., CA
[85] 2014-02-13
[86] 2012-08-17 (PCT/IB2012/054204)
[87] (WO2013/024466)
[30] US (61/524,765) 2011-08-18
[30] US (61/524,766) 2011-08-18
[30] US (61/561,486) 2011-11-18
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[30] US (61/586,287) 2012-01-13
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[25] EN
[54] **FUSED TRICYCLIC COMPOUNDS AS RAF KINASE INHIBITORS**
[54] **COMPOSES TRICYCLIQUES FUSIONNES A UTILISER EN TANT QU'INHIBITEURS DE LA KINASE RAF**
[72] ZHOU, CHANGYOU, US
[72] WANG, SHAOHUI, CN
[72] ZHANG, GUOLIANG, CN
[71] BEIGENE, LTD., KY
[85] 2014-05-20
[86] 2011-12-31 (PCT/CN2011/085146)
[87] (WO2013/097224)

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[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/28 (2012.01) B65B 57/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING ITEMS ON A PRODUCTION/DISTRIBUTION LINE**
[54] **PROCEDE ET SYSTEME POUR COMMANDER DES ARTICLES SUR UNE CHAINE DE PRODUCTION/DISTRIBUTION**
[72] COLLOMBET, YVAN, FR
[72] COTSFORD, DANIEL, CH
[72] FEFIN, CHRISTIAN, FR
[72] LORCA, RODRIGO, CH
[72] TORRES, LUCIANO, CH
[71] SICPA HOLDING SA, CH
[85] 2014-05-20
[86] 2012-11-23 (PCT/EP2012/073480)
[87] (WO2013/079409)
[30] EP (11009412.5) 2011-11-28
[30] US (61/564,116) 2011-11-28

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[51] **Int.Cl. H04N 7/173 (2011.01) H04H 60/13 (2009.01) H04H 60/14 (2009.01)**
[25] EN
[54] **RECEPTION APPARATUS, RECEPTION METHOD, PROGRAM, AND INFORMATION PROCESSING SYSTEM**
[54] **DISPOSITIF ET PROCEDURE DE RECEPTION, PROGRAMME ET SYSTEME DE TRAITEMENT D'INFORMATIONS**
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[72] DEWA, YOSHIHARU, JP
[72] EYER, MARK, US
[71] SONY CORPORATION, JP
[71] SONY ELECTRONICS INC., US
[85] 2014-05-20
[86] 2012-12-13 (PCT/JP2012/082305)
[87] (WO2013/094506)
[30] US (61/578631) 2011-12-21

[21] **2,856,351**
[13] A1

[51] **Int.Cl. C12N 15/70 (2006.01) C07K 1/18 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **METHOD FOR HIGHLY EXPRESSING RECOMBINANT PROTEIN OF ENGINEERING BACTERIA AND USE THEREOF**
[54] **PROCEDE POUR L'EXPRESSION MASSIVE D'UNE PROTEINE RECOMBINANTE DE BACTERIES GENETIQUEMENT MODIFIEES ET UTILISATION ASSOCIEE**
[72] QIU, XIAOQING, CN
[71] PROTEIN DESIGN LAB, LTD., CN
[85] 2014-05-20
[86] 2012-11-23 (PCT/CN2012/085182)
[87] (WO2013/075660)
[30] CN (201110380864.7) 2011-11-25

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[13] A1

[51] **Int.Cl. C05F 11/00 (2006.01) C05G 3/00 (2006.01) C05G 5/00 (2006.01)**
[25] EN
[54] **A CONTROLLED-RELEASE FERTILIZER**
[54] **ENGRAIS A LIBERATION CONTROLEE**
[72] KOSHEELA, DEVI POO PALAM, MY
[72] KHALID, HARON, MY
[72] HAZIMAH, ABU HASSAN, MY
[72] YOENG, SHOOT KIAN, MY
[72] TUAN, NOOR MAZNEE TUAN ISMAIL, MY
[72] ROZANA, ABU BAKAR, MY
[71] MALAYSIAN PALM OIL BOARD, MY
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[30] MY (PI2011700170) 2011-11-21

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[13] A1

[51] **Int.Cl. G01N 21/05 (2006.01)**
[25] EN
[54] **EPOXY MOLDED GAS CELL FOR OPTICAL MEASUREMENT AND METHOD OF FORMING**
[54] **CELLULE A GAZ EPOXY MOULEE POUR MESURES OPTIQUES ET PROCEDE DE MOULAGE**
[72] MARTIN, HANS GORAN EVALD, SE
[71] SENSEAIR AB, SE
[85] 2014-05-20
[86] 2012-11-30 (PCT/SE2012/000197)
[87] (WO2013/081519)
[30] SE (1151147-4) 2011-12-02

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[13] A1

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[25] EN
[54] **MARKED COATING COMPOSITION AND METHOD FOR ITS AUTHENTICATION**
[54] **COMPOSITION DE REVETEMENT MARQUE ET SON PROCEDE D'AUTHENTIFICATION**
[72] NOUZILLE, ERIC, CH
[72] DEMANGE, RAYNALD, CH
[72] DEGOTT, PIERRE, CH
[71] SICPA HOLDING SA, CH
[85] 2014-05-20
[86] 2012-11-28 (PCT/EP2012/073820)
[87] (WO2013/079521)
[30] EP (11009457.0) 2011-11-30

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[13] A1

[51] **Int.Cl. G08B 21/14 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR GAS LEAKAGE DETECTION AND ALARM**
[54] **DISPOSITIF DE DETECTION DE FUIITE DE GAZ ET ALARME**
[72] HANSSON, BO, LU
[71] LOGICO2 ONLINE SARL, LU
[85] 2014-05-20
[86] 2012-07-06 (PCT/SE2012/050811)
[87] (WO2013/012382)
[30] SE (1150715-9) 2011-07-20

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[51] **Int.Cl. E04D 13/16 (2006.01) E04B 1/80 (2006.01) E04C 2/24 (2006.01) E04D 3/35 (2006.01)**
[25] EN
[54] **INSULATING ELEMENT FOR THE INSULATION OF FLAT ROOFS**
[54] **ELEMENT ISOLANT POUR L'ISOLATION DE TOITS PLATS**
[72] NIELSEN, DAG, DK
[72] JOHANSSON, DORTE BARTNIK, DK
[72] ROSENBERG, GORM, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2014-05-20
[86] 2012-12-21 (PCT/EP2012/076764)
[87] (WO2013/093057)
[30] EP (11195148.9) 2011-12-22

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[25] EN
[54] **3-CYANOARYL-1H-PYRROLO[2,3-B]PYRIDINE DERIVATIVES**
[54] **DERIVES 3-CYANARYL-1H-PYRROLO[2,3-B]PYRIDINE**
[72] DORSCH, DIETER, DE
[72] HOELZEMANN, GUENTER, DE
[72] EGGENWEILER, HANS-MICHAEL, DE
[72] CZODROWSKI, PAUL, DE
[71] MERCK PATENT GMBH, DE
[85] 2014-05-20
[86] 2012-10-30 (PCT/EP2012/004543)
[87] (WO2013/075785)
[30] DE (10 2011 119 127.9) 2011-11-22

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[13] A1

[51] **Int.Cl. G01V 1/44 (2006.01)**
[25] EN
[54] **ACOUSTIC TRANSDUCER APPARATUS, SYSTEMS, AND METHODS**
[54] **TRANSDUCTEUR ACOUSTIQUE, SYSTEMES ET PROCEDES**
[72] MANDAL, BATAKRISHNA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-20
[86] 2011-11-30 (PCT/US2011/062692)
[87] (WO2013/081608)

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[13] A1

[51] **Int.Cl. A01G 31/00 (2006.01)**
[25] EN
[54] **PLANT GROWTH SYSTEM**
[54] **SYSTEME DE CROISSANCE DE PLANTE**
[72] JANSSEN, FRANK HENDRIKUS PETER, NL
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2014-05-20
[86] 2012-12-21 (PCT/EP2012/076820)
[87] (WO2013/093083)
[30] EP (11195445.9) 2011-12-22

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[13] A1

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[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **DERIVES FONGICIDES DU N-[(SILYLE TRISUBSTITUE)METHYLE]CARB OXAMIDE**
[72] BENTING, JURGEN, DE
[72] CRISTAU, PIERRE, FR
[72] DESBORDES, PHILIPPE, FR
[72] LACHAISE, HELENE, FR
[72] RINOLFI, PHILIPPE, FR
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[54] **VECTORS HARBORING TOXIC GENES, METHODS AND USES THEREFOR**
[54] **VECTEURS HEBERGEANT DES GENES TOXIQUES, PROCEDES ET UTILISATIONS S'Y RAPPORTANT**
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[71] VIROVEK, INC., US
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[54] **SYSTEMS AND METHODS FOR CONTINUOUS AND NEAR CONTINUOUS DRILLING**
[54] **SYSTEMES ET PROCEDES DE FORAGE CONTINU ET PRESQUE CONTINU**
[72] PILGRIM, RICK, US
[72] VU, TOMMY DUC, US
[72] CHANNON, PAUL, GB
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[54] **APPAREIL ET INTERVENTION POUR PIEGER DES DEBRIS D'EMBOLE**
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[71] DON MICHAEL, T. ANTHONY, US
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[54] **ACTIVATION DE SYSTEMES CATALYTIQUES DOUBLES**
[72] UMANSKY, BENJAMIN S., US
[72] TRACY, WILLIAM J., US
[72] HELTON, TERRY EUGENE, US
[72] MCCARTHY, STEPHEN J., US
[72] KALYANARAMAN, MOHAN, US
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[72] HILBERT, TIMOTHY LEE, US
[71] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US
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[54] **PROCEDES ET SYSTEMES INFORMATIQUES POUR UNE AMELIORATION DE DONNEES D'ENQUETE**
[72] VERMEER, PIETER LEONARD, GB
[72] HALLIDAY, DAVID FRASER, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-05-20
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[54] **RACCORD A PROTUBERANCES PRESENTANT DE PARTIES SUPERFICIELLES ORIENTEES ANGULAIREMENT**
[72] BANCROFT, PHILIP W., US
[71] VICTAULIC COMPANY, US
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[54] **FIL SUPERELASTIQUE ET SON PROCEDE DE FORMATION**
[72] RAJAN, SUNDER S., US
[71] RAYTHEON COMPANY, US
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[72] STUMMER, MANFRED, DE
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[72] MOLZ, RONALD J., US
[72] HAWLEY, DAVE, US
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[72] HENG, KEEKIM J., CH
[72] RIEGELSBERGER, JENS, GB
[72] LIN, JOCELYN, US
[71] GOOGLE INC., US
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[54] **SYSTEMES ET PROCEDES DE CHRONOMETRAGE DE METROLOGIE**
[72] HAYNES, DAVID, US
[71] ACLARA TECHNOLOGIES LLC, US
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[86] 2012-11-19 (PCT/US2012/065764)
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[54] **ACTIVATEURS DE TYPE PETITES MOLECULES POUR VACCINS A BASE DE CELLULES DENDRITIQUES CONTRE LE CANCER**
[72] BACHOVCHIN, WILLIAM W., US
[71] TRUSTEES OF TUFTS COLLEGE, US
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[72] SAMPRONI, JENNIFER A., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[54] DEVICES CONTAINING DRIED REAGENTS FOR RECONSTITUTION AS CALIBRATION AND/OR QUALITY CONTROL SOLUTIONS, AND METHODS OF PRODUCTION AND USE THEREOF	[54] KNITTED SUBSTRATE FOR USE IN MEDICAL BANDAGING PRODUCT AND BANDAGING PRODUCT	[54] E-LEARNING LESSON DELIVERY PLATFORM
[54] DISPOSITIFS CONTENANT DES REACTIFS SECHES POUR RECONSTITUTION EN TANT QUE SOLUTIONS DE CALIBRAGE ET/OU CONTROLE DE QUALITE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION	[54] SUBSTRAT TRICOTE A UTILISER DANS UN PRODUIT DE BANDAGE MEDICAL ET PRODUIT DE BANDAGE	[54] PLATEFORME DE MISE A DISPOSITION DE LECONS D'APPRENTISSAGE EN LIGNE
[72] SAMPRONI, JENNIFER A., US	[72] EVANS, JOHN C., GB	[72] DOHRING, DOUG, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US	[71] BSN MEDICAL, INC., US	[72] MCCAFFREY, WILLIAM, US
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	[54] INHIBITEURS HETEROCYCLIQUES DE GLUTAMINASE	[54] SYSTEME D'APPRENTISSAGE LINGUISTIQUE FACILITANT L'IMPLICATION D'UN MENTOR
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	[72] CHEN, LIJING, US	[72] MCCAFFREY, WILLIAM, US
	[72] GOYAL, BINDU, US	[71] AGE OF LEARNING, INC., US
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	[72] SJOGREN, ERIC BRIAN, US	[87] (WO2013/078148)
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[54] PROCEDE DE GENERATION ET DE CULTURE D'UN BLOC CELLULAIRE VEGETALE		
[72] RADEMACHER, THOMAS, DE		
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE		
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[54] **DISPOSITIF ELECTRONIQUE ET SYSTEME DE COMMANDE D'APPLICATIONS METTANT EN OEUVRE AU MOINS UN TRANSDUCTEUR PIEZOELECTRIQUE, ELECTROSTRICTIF OU MAGNETOSTRICTIF**

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[71] SINAPTEC, FR
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[54] **MANIPULATION DE GOUTTELETTES AU MOYEN DE CHAMPS D'ULTRASONS A ONDES STATIONNAIRES EN PHASE GAZEUSE DANS DES SOURCES DE SPECTROMETRIE DE MASSE**

[72] MORRIS, MICHAEL RAYMOND, GB
[72] PRINGLE, STEVEN, DEREK, GB
[72] RICHARDSON, KEITH, GB
[71] MICROMASS UK LIMITED, GB
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[54] **BROYEUR PLANETAIRE ET PROCEDE DE BROYAGE**

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[72] ADDONA, TONY, CA
[72] KIM, GEORGE E., CA
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[54] **MOULE POUR LA COULEE CONTINUE DE METAUX**

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[54] **PASS-THROUGH BULKHEAD CONNECTION SWITCH FOR A PERFORATING GUN**

[54] **INTERRUPTEUR DE CONNEXION DE PASSAGE DE CLOISON POUR UN PERFORATEUR**

[72] BURTON, ROBERT LANE, US
[72] BURTON, BRANDON LANE, US
[72] WILENSKI, THOMAS ROBERT, US
[71] INTERNATIONAL STRATEGIC ALLIANCE, LC, US
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[54] **CONNECTEUR ELECTRIQUE**

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[72] ROMANKO, WALTER R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**

[54] **PROCEDES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE PRONOSTIC D'UNE LESION RENALE ET D'UNE INSUFFISANCE RENALE**

[72] ANDERBERG, JOSEPH, US
[72] GRAY, JEFF, US
[72] MCPHERSON, PAUL, US
[72] NAKAMURA, KEVIN, US
[72] KAMPF, JAMES PATRICK, US
[71] ASTUTE MEDICAL, INC., US
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[54] **APPAREIL DE COMMANDE D'UN DISPOSITIF DE CONTREPULSION, PROCEDE ET SYSTEME**
[72] SPENCE, PAUL, US
[72] DOWLING, ROB, US
[72] KUNG, BOB, US
[72] HASTIE, CAITLYN, US
[72] SIESS, THORSTEN, DE
[72] GRATZ, ERIC, US
[72] SPANIER, GERD, DE
[71] ABIOMED, INC., US
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[54] **DISSIPATIVE SURFACTANT AQUEOUS-BASED DRILLING SYSTEM FOR USE IN HYDROCARBON RECOVERY OPERATIONS FROM HEAVY OIL AND TAR SANDS**
[54] **SYSTEME DE FORAGE AQUEUX TENSIOACTIF DISSIPATIF DESTINE A ETRE UTILISE DANS DES OPERATIONS DE RECUPERATION D'HYDROCARBURES A PARTIR DE SABLES PETROLIFERES ET BITUMINEUX LOURDS**
[72] DOBSON, JAMES W., JR., US
[72] TRESKO, KIM O., US
[72] HINDS, PIERRE J., US
[71] TUCC TECHNOLOGY, LLC, US
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[54] **PROCESS TO PREPARE LEVULINIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE LEVULINIQUE**
[72] MULLEN, BRIAN D., US
[72] LEIBIG, CORA M., US
[72] KAPICAK, LOUIS A., US
[72] BUNNING, DONALD L., US
[72] STRAND, STEVEN M., US
[72] BRUNELLE, DANIEL JOSEPH, US
[72] RODWOGIN, DAVID MARC, US
[72] SHIRTUM, ROBERT PAGE, US
[72] LOUWAGIE, ANDREW J., US
[72] YONTZ, DORIE JANINE, US
[72] TJOSAAS, MATTHEW JOHN, US
[71] SEGETIS, INC., US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066368)
[87] (WO2013/078391)
[30] US (61/563,276) 2011-11-23
[30] US (61/576,818) 2011-12-16
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING DEUTERIUM-ENRICHED PERILLYL ALCOHOL, ISO-PERILLYL ALCOHOL AND DERIVATIVES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN ALCOOL PERILLYLIQUE ENRICHI EN DEUTERIUM ET LEURS DERIVES**
[72] CHEN, THOMAS, US
[72] LEVIN, DANIEL, US
[72] PUPALLI, SATISH, US
[71] NEONC TECHNOLOGIES INC., US
[85] 2014-05-20
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[30] US (61/562,105) 2011-11-21
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[54] **MYOCARDIAL DRUG DELIVERY APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES D'ADMINISTRATION DE MEDICAMENT MYOCARDIQUE**
[72] IMRAN, MIR, US
[72] SPEHR, PAUL, US
[71] INCUBE LABS, LLC, US
[85] 2014-05-20
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[25] EN
[54] **POLYMER MICROFILTRATION DEVICES, METHODS OF MANUFACTURING THE SAME AND THE USES OF THE MICROFILTRATION DEVICES**
[54] **DISPOSITIFS POLYMERES DE MICROFILTRATION, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] TANG, CHA-MEI, US
[72] ZHANG, YUNQI, US
[71] CREATV MICROTECH, INC., US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066390)
[87] (WO2013/078409)
[30] US (61/562,404) 2011-11-21
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[54] **PHARMACEUTICAL FORMULATIONS**
[54] **FORMULATIONS PHARMACEUTIQUES**
[72] VERMA, DAYA, US
[72] KRISHNAMACHARI, YOGITA, US
[72] SHEN, XIAOHONG, US
[72] LEE, HANCHEN, US
[72] LI, PING, CN
[72] SINGH, RAJINDER, US
[72] TAN, LAYCHOO, US
[71] NOVARTIS AG, CH
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066185)
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[54] **WAVELENGTH SENSING LIGHTING SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME D'ECLAIRAGE A DETECTION DE LONGUEUR D'ONDE ET PROCEDES ASSOCIES**
[72] MAXIK, FREDRIC, US
[72] BARTINE, DAVID, US
[72] MEDELIUS, PEDRO, US
[72] BRETSCHNEIDER, ERIC, US
[71] ENVIRONMENTAL LIGHT TECHNOLOGIES CORP., US
[71] MAXIK, FREDRIC, US
[71] BARTINE, DAVID, US
[71] MEDELIUS, PEDRO, US
[71] BRETSCHNEIDER, ERIC, US
[85] 2014-05-20
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[54] **AERODYNAMIC FAIRINGS FOR TRAILER**
[54] **CARENAGES AERODYNAMIQUES POUR REMORQUE**
[72] JOHNSON, JAMES MICHAEL, US
[72] WINDER, ROBERT JOSEPH, US
[72] GRAHAM, SEAN, US
[71] HEIL TRAILER INTERNATIONAL CO., US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066206)
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[54] **UNDERCARRIAGE FAIRINGS FOR TRAILERS**
[54] **CARENAGES DE TRAIN ROULANT POUR REMORQUES**
[72] JOHNSON, JAMES MICHAEL, US
[72] WINDER, ROBERT JOSEPH, US
[72] GRAHAM, SEAN, US
[71] HEIL TRAILER INTERNATIONAL CO., US
[85] 2014-05-20
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[25] EN
[54] **COOKING MANAGEMENT**
[54] **GESTION DE PREPARATION D'ALIMENTS**
[72] HULETT, RANDY, US
[72] KOLLER, IZAAK, US
[72] SHAY, BRIAN, US
[71] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066417)
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[30] US (61/563,317) 2011-11-23

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[13] A1

[51] **Int.Cl. A01D 41/127 (2006.01)**
[25] EN
[54] **STALK SENSOR APPARATUS, SYSTEMS, AND METHODS**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE DETECTION DE TIGE**
[72] SAUDER, TIMOTHY A., US
[72] SAUDER, DEREK A., US
[72] KOCH, JUSTIN L., US
[72] PLATTNER, TROY L., US
[72] HUBER, DAVID, US
[71] PRECISION PLANTING LLC, US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066279)
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[54] **SYNCHRONIZED MEDIA HANGER/GUIDE**
[54] **ELEMENT DE SUSPENSION/GUIDE D'OBJETS SYNCHRONISE**
[72] HITZ, MARK ALLEN, US
[71] DATAMAX-O'NEIL CORPORATION, US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066291)
[87] (WO2013/078337)
[30] US (61/562,643) 2011-11-22
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[54] **GRAFT FOR USE WITH COUNTERPULSATION DEVICE**
[54] **GREFFON DESTINE A ETRE UTILISE AVEC UN DISPOSITIF DE CONTRE-PULSION**
[72] SPENCE, PAUL, US
[72] DOWLING, ROB, US
[72] KUNG, BOB, US
[72] HASTIE, CAITLYN, US
[72] SIESS, THORSTEN, DE
[72] GRATZ, ERIC, US
[72] SPANIER, GERD, DE
[71] ABIOMED, INC., US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066292)
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[30] US (61/563,238) 2011-11-23

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[13] A1

[51] **Int.Cl. G02B 21/00 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR IMAGING AT HIGH SPATIAL AND/OR TEMPORAL PRECISION**
[54] **SYSTEMES ET PROCEDES POUR CREATION D'IMAGES AVEC UNE PRECISION SPATIALE ET/OU TEMPORELLE ELEVEE**
[72] COHEN, ADAM E., US
[72] MACLAURIN, DOUGAL, US
[72] HOCHBAUM, DANIEL, US
[72] KRALI, JOEL, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066303)
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[30] US (61/563,537) 2011-11-23

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[51] **Int.Cl. A61B 8/12 (2006.01) G01B 9/02 (2006.01)**
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[54] **DEVICES, SYSTEMS, AND METHODS FOR VISUALIZING AN OCCLUDED VESSEL**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR VISUALISER UN VAISSEAU OCCLUS**
[72] STIGALL, JEREMY, US
[72] MINAS, MARITNESS, US
[71] VOLCANO CORPORATION, US
[85] 2014-05-20
[86] 2012-12-05 (PCT/US2012/067938)
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[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR BREWING A BEVERAGE**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE PREPARATION D'UNE BOISSON**
[72] HULETT, RANDY, US
[72] KOLLER, IZAAK, US
[72] SHAY, BRIAN, US
[72] BROWN, HAROLD A., US
[72] DRINKWATER, JARED, US
[72] DOUCETTE, DAVID, US
[72] ALLISON, JEFF, US
[72] BRISTOL, PETER, US
[71] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066428)
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[25] EN
[54] **A METHOD TO ENHANCE COGNITION**
[54] **PROCEDE POUR AUGMENTER LA COGNITION**
[72] COSTA-MATTIOLI, MAURO, US
[72] ZHU, PING JUN, US
[72] MAY, JEREMY A., US
[71] BAYLOR COLLEGE OF MEDICINE, US
[71] UNIVERSITY OF HOUSTON, US
[85] 2014-05-20
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[54] **METHOD FOR PRODUCING A TOOTHBRUSH HAVING AN INNER CAVITY**
[54] **PROCEDE POUR PRODUIRE UNE BROUSSE A DENTS POURVUE D'UNE CAVITE INTERNE**
[72] WEN, CATHY, US
[72] NEWMAN, MATTHEW LLOYD, US
[72] HORTON, ANDREW JOSEPH, US
[72] HOUGHTON, STEPHEN ALAN, AU
[72] JACKSON, SCOTT, US
[72] PHILLIPS, BRADLEY JOHN, AU
[72] REICK, HANSJOERG, DE
[72] SATTERFIELD, RICHARD DARREN, US
[72] UHE, ANDREW M., AU
[72] WEST, GEORGE, US
[72] RYAN, CHRISTOPHER THOMAS, AU
[72] MUHAMMAD, KYLE ALI, US
[72] ALVES, FRANCISCO EMANUEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-05-20
[86] 2012-11-21 (PCT/US2012/066321)
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[51] **Int.Cl. A44C 9/00 (2006.01) A44C 27/00 (2006.01)**

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[54] **RING WITH OUTER MARKINGS/SEGMENTS FOR SETTING GEMSTONES**

[54] **BAGUE AYANT DES MARQUAGES/SEGMENTS EXTERIEURS POUR L'INSTALLATION DE PIERRES PRECIEUSES**

[72] MARDKHA, JOSEPH, US
[71] MARDKHA, JOSEPH, US
[85] 2014-05-20
[86] 2012-12-06 (PCT/US2012/068239)
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[54] **GROUT DELIVERY**

[54] **DISTRIBUTION DE COULIS**

[72] OLIVER, CHARLIE, AU
[72] STERGIOU, ANDREAS, AU
[72] DE RU, JEAN PIERRE, ZA
[71] IMDEX LIMITED, AU
[85] 2014-05-21
[86] 2012-11-30 (PCT/AU2012/001468)
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[54] **A FLIGHT PREDICTION SYSTEM**

[54] **SYSTEME DE PREVISION DE VOL**

[72] BRONSVOORT, JESPER, AU
[72] MCDONALD, GREGORY NEIL, AU
[71] AIRSERVICES AUSTRALIA, AU
[85] 2014-05-21
[86] 2012-12-06 (PCT/AU2012/001485)
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[30] AU (2011905074) 2011-12-06

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[54] **EXPLOSIVE COMPOSITION**

[54] **COMPOSITION EXPLOSIVE**

[72] COOPER, JOHN, GB
[72] KIRBY, IAN JOHN, GB
[72] GOODRIDGE, RICHARD, US
[72] SUJANSKY, VLADIMIR, AU
[72] FERGUSON, SIMON JAMES, AU
[71] ORICA INTERNATIONAL PTE LTD, SG
[85] 2014-05-21
[86] 2012-12-13 (PCT/AU2012/001527)
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[54] **INSERT ARRANGEMENT FOR A ROLLER WEAR SURFACE**

[54] **DISPOSITIF D'INSERT POUR UNE SURFACE D'USURE DE ROULEAU**

[72] SHARMAN, DAVID MICHAEL, US
[72] POWNELL, EDWARD JAMES, US
[71] FLSMIDTH A/S, DK
[85] 2014-05-20
[86] 2012-12-18 (PCT/US2012/070249)
[87] (WO2013/096251)
[30] US (61/578,275) 2011-12-21

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[54] **SELF-INDEXING NUT PLATE**

[54] **PLAQUE-ECROU A POSITIONNEMENT AUTOMATIQUE**

[72] JAMES, LOWELL S., US
[72] BICKFORD, JEFFRY G., US
[71] THE BOEING COMPANY, US
[85] 2014-05-20
[86] 2012-12-20 (PCT/US2012/070880)
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[30] US (13/357,275) 2012-01-24
[30] US (13/621,257) 2012-09-16

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[13] A1

[51] **Int.Cl. C07K 14/33 (2006.01) A61K 35/74 (2006.01) A61K 39/08 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C12N 15/31 (2006.01) C12N 15/866 (2006.01) C12P 21/02 (2006.01)**

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[54] **VACCINES AGAINST CLOSTRIDIUM DIFFICILE COMPRISING RECOMBINANT TOXINS**

[54] **VACCINS CONTRE CLOSTRIDIUM DIFFICILE COMPRENANT DES TOXINES RECOMBINANTES**

[72] HEINRICHS, JON HENRY, US
[72] BODMER, JEAN-LUC, US
[72] SECORE, SUSAN LYNN, US
[72] GOERKE, AARON RUDY, US
[72] CARO-AGUILAR, IVETTE, US
[72] GENTILE, MARIE-PIERRE, US
[72] HORTON, MELANIE S., US
[72] MIEZEIEWSKI, MATTHEW RYAN, US
[72] SKINNER, JULIE M., US
[72] SONDERMEIJER, PAULUS JACOBUS ANTONIUS, NL
[72] SUBRAMANIAN, SHYAMSUNDAR, US
[72] VAN DER HEIJDEN-LIEFKENS, KARIN HUBERDINA ANTONIA, NL
[72] WANG, SU, US
[72] XIE, JINFU, US
[72] XOCONOSTLE, RACHEL FLORA, US
[72] ZORMAN, JULIE K., US
[71] MERCK SHARP & DOHME CORP., US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2014-05-20
[86] 2013-01-25 (PCT/US2013/023189)
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[30] US (61/591,631) 2012-01-27
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<p>[51] Int.Cl. H04J 3/06 (2006.01) H04B 7/24 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR TIME SYNCHRONIZATION OF IEDS VIA RADIO LINK</p> <p>[54] SYSTEMES ET PROCEDES DE SYNCHRONISATION TEMPORELLE D'IED PAR LIAISON RADIO</p> <p>[72] ACHANTA, SHANKAR V., US</p> <p>[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US</p> <p>[85] 2014-05-16</p> <p>[86] 2012-12-11 (PCT/US2012/068915)</p> <p>[87] (WO2013/090246)</p> <p>[30] US (13/327,531) 2011-12-15</p>	<p>[51] Int.Cl. F17D 1/04 (2006.01) F16L 1/16 (2006.01) F17D 3/00 (2006.01) F17D 5/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR STABILIZING SUBSEA PIPELINE</p> <p>[54] SYSTEMES ET PROCEDES POUR STABILISER UNE CONDUITE SOUS-MARINE</p> <p>[72] CRITSINELIS, ANTONIO CARLOS FALCAO, US</p> <p>[72] MEBARKIA, SID A., US</p> <p>[72] FOSTER, ROBERT L., JR., US</p> <p>[72] QUINNEY, MICHAEL J., US</p> <p>[71] CHEVRON U.S.A. INC., US</p> <p>[85] 2014-05-16</p> <p>[86] 2012-12-13 (PCT/US2012/069461)</p> <p>[87] (WO2013/101482)</p> <p>[30] US (13/339,605) 2011-12-29</p>	<p>[51] Int.Cl. C07D 215/48 (2006.01) A61K 31/4709 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 239/74 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL HETEROCYCLIC CARBOXAMIDES AS MODULATORS OF KINASE ACTIVITY</p> <p>[54] NOUVEAUX CARBOXAMIDES HETEROCYCLIQUES EN TANT QUE MODULATEURS D'ACTIVITE KINASE</p> <p>[72] HUCK, BAYARD R., US</p> <p>[72] CHEN, XIAOLING, US</p> <p>[72] XIAO, YUFANG, US</p> <p>[72] LAN, RUOXI, US</p> <p>[72] DE SELM, LIZBETH CELESTE, US</p> <p>[72] NEAGU, CONSTANTIN, US</p> <p>[72] POTNICK, JUSTIN, US</p> <p>[72] KARRA, SRINIVASA R., US</p> <p>[72] JOHNSON, THERESA L., US</p> <p>[71] MERCK PATENT GMBH, DE</p> <p>[85] 2014-05-20</p> <p>[86] 2012-12-17 (PCT/US2012/070085)</p> <p>[87] (WO2013/096194)</p> <p>[30] US (61/579,377) 2011-12-22</p>
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<p>[51] Int.Cl. B01J 21/00 (2006.01) B01J 21/12 (2006.01) B01J 23/00 (2006.01) B01J 23/80 (2006.01) B01J 35/00 (2006.01) B01J 35/10 (2006.01) B01J 37/00 (2006.01) B01J 37/06 (2006.01) B01J 37/08 (2006.01) B01J 37/18 (2006.01) C01B 3/16 (2006.01) C01F 7/00 (2006.01) C07C 1/04 (2006.01) C07C 29/151 (2006.01)</p> <p>[25] EN</p> <p>[54] WATER GAS SHIFT CATALYST OPERATING AT MEDIUM TEMPERATURES AND A PROCESS FOR ITS PREPARATION</p> <p>[54] UNITE DE CONVERSION DU CO FONCTIONNANT A DES TEMPERATURES MOYENNES ET SON PROCEDE DE PREPARATION</p> <p>[72] BASILE, FRANCESCO, IT</p> <p>[72] BRENNA, GIUSEPPE, IT</p> <p>[72] FAURE, RAPHAEL, FR</p> <p>[72] FORNASARI, GIUSEPPE, IT</p> <p>[72] GARY, DANIEL, FR</p> <p>[72] VACCARI, ANGELO, IT</p> <p>[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR</p> <p>[85] 2014-05-21</p> <p>[86] 2012-11-14 (PCT/EP2012/072595)</p> <p>[87] (WO2013/079323)</p> <p>[30] EP (11306604.7) 2011-12-02</p>	<p>[51] Int.Cl. G05D 7/00 (2006.01) G05D 7/06 (2006.01)</p> <p>[25] EN</p> <p>[54] DYNAMIC LINEAR CONTROL METHODS AND APPARATUS FOR VARIABLE SPEED PUMP CONTROL</p> <p>[54] PROCEDES ET APPAREIL DE COMMANDE LINEAIRE DYNAMIQUE POUR LA COMMANDE D'UNE POMPE A VITESSE VARIABLE</p> <p>[72] CHENG, ANDREW A., US</p> <p>[72] GU, JAMES J., US</p> <p>[72] SCOTT, GRAHAM A., US</p> <p>[71] FLUID HANDLING LLC, US</p> <p>[85] 2014-05-16</p> <p>[86] 2012-12-17 (PCT/US2012/070138)</p> <p>[87] (WO2013/090907)</p> <p>[30] US (61/576,737) 2011-12-16</p>	<p>[51] Int.Cl. E21B 44/00 (2006.01)</p> <p>[25] EN</p> <p>[54] WELL WORK OPPORTUNITY SYSTEM</p> <p>[54] SYSTEME D'OPPORTUNITE DE TRAVAIL SUR PUIITS</p> <p>[72] CULP, RANDI JO, US</p> <p>[72] FREYRE, JAIRO, US</p> <p>[72] JARRELL, PERRY, US</p> <p>[72] VENUGOPALAN, MAHESH, US</p> <p>[72] LAZARO, GLORIA ESPERANZA, US</p> <p>[71] BP CORPORATION NORTH AMERICA INC., US</p> <p>[85] 2014-05-16</p> <p>[86] 2012-12-19 (PCT/US2012/070476)</p> <p>[87] (WO2013/096375)</p> <p>[30] US (61/579,100) 2011-12-22</p> <p>[30] US (13/712,593) 2012-12-12</p>

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[13] A1

[51] **Int.Cl. H04W 28/02 (2009.01) H04L 12/851 (2013.01) H04L 12/827 (2013.01)**

[25] EN

[54] **CONGESTION-BASED TRAFFIC SHAPING FOR DISTRIBUTED QUEUING IN SHARED-MEDIA COMMUNICATION NETWORKS**

[54] **MISE EN FORME DE TRAFIC A BASE DE CONGESTION POUR MISE EN FILE D'ATTENTE DISTRIBUEE DANS DES RESEAUX DE COMMUNICATION A SUPPORT PARTAGE**

[72] VASSEUR, JEAN-PHILIPPE, FR
[72] HUI, JONATHAN W., US
[71] CISCO TECHNOLOGY, INC., US
[71] VASSEUR, JEAN-PHILIPPE, FR
[71] HUI, JONATHAN W., US
[85] 2014-07-02
[86] 2012-09-27 (PCT/US2012/057489)
[87] (WO2013/049303)
[30] US (13/248,799) 2011-09-29

[21] **2,856,453**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A01N 43/707 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **INSECTICIDAL TRIAZINONE DERIVATIVES**

[54] **DERIVES DE TRIAZINONE INSECTICIDES**

[72] RENDLER, SEBASTIAN, CH
[72] SCHAEZTER, JURGEN HARRY, CH
[72] HACHISU, SHUJI, GB
[72] MAIENFISCH, PETER, CH
[72] PITTERNA, THOMAS, CH
[72] JACOB, OLIVIER, CH
[72] CASSAYRE, JEROME YVES, CH
[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2014-05-21
[86] 2012-11-20 (PCT/EP2012/073032)
[87] (WO2013/079350)
[30] EP (11191056.8) 2011-11-29

[21] **2,856,455**
[13] A1

[51] **Int.Cl. C12N 7/02 (2006.01)**

[25] EN

[54] **SCALABLE LENTIVIRAL VECTOR PRODUCTION SYSTEM COMPATIBLE WITH INDUSTRIAL PHARMACEUTICAL APPLICATIONS**

[54] **SYSTEME DE PRODUCTION D'UN VECTEUR LENTIVIRAL POUVANT ETRE MIS A L'ECHELLE COMPATIBLE AVEC DES APPLICATIONS PHARMACEUTIQUES INDUSTRIELLES**

[72] MARCEAU, NICOLAS, FR
[72] GASMI, MEHDI, US
[71] GENETHON, FR
[85] 2014-05-21
[86] 2012-11-26 (PCT/EP2012/073645)
[87] (WO2013/076309)
[30] EP (11306551.0) 2011-11-24
[30] US (61/563,566) 2011-11-24

[21] **2,856,452**
[13] A1

[51] **Int.Cl. C08G 77/20 (2006.01) C08L 83/04 (2006.01) C09D 183/04 (2006.01) C09J 183/04 (2006.01)**

[25] EN

[54] **COMPOSITION OF OLEFINICALLY FUNCTIONALISED SILOXANE OLIGOMERS BASED ON ALKOXY SILANES**

[54] **COMPOSITION D'OLIGOMERES SILOXANE A FONCTIONNALITE OLEFINIQUE, A BASE D'ALCOXYSILANES**

[72] STANDKE, BURKHARD, DE
[72] MIHAILESCU, IOANA-ELENA, DE
[72] MONKIEWICZ, JAROSLAW, DE
[72] ROTH, SVEN, DE
[72] IOANNIDIS, ARISTIDIS, DE
[72] WEISSENBACH, KERSTIN, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2014-05-21
[86] 2012-11-19 (PCT/EP2012/072975)
[87] (WO2013/076036)
[30] DE (10 2011 086 862.3) 2011-11-22

[21] **2,856,454**
[13] A1

[51] **Int.Cl. A61M 29/02 (2006.01) A61B 17/22 (2006.01)**

[25] EN

[54] **CAROTID SHEATH WITH ENTRY AND TRACKING RAPID EXCHANGE DILATORS AND METHOD OF USE**

[54] **GAINE CAROTIDE AVEC DILATATEURS D'ECHANGE RAPIDE D'ENTREE ET DE POURSUITE ET PROCEDE D'UTILISATION**

[72] FISCHHELL, ROBERT E., US
[72] FISCHHELL, TIM A., US
[71] FISCHHELL INNOVATIONS, LLC, US
[85] 2014-05-16
[86] 2013-01-10 (PCT/US2013/020941)
[87] (WO2013/106511)
[30] US (13/349,060) 2012-01-12

[21] **2,856,456**
[13] A1

[51] **Int.Cl. H04N 21/418 (2011.01) H04N 21/426 (2011.01) H04N 21/435 (2011.01) H04N 21/4405 (2011.01) H04N 21/4623 (2011.01)**

[25] EN

[54] **METHOD, CRYPTOGRAPHIC SYSTEM AND SECURITY MODULE FOR DESCRAMBLING CONTENT PACKETS OF A DIGITAL TRANSPORT STREAM**

[54] **PROCEDE, SYSTEME CRYPTOGRAPHIQUE ET MODULE DE SECURITE POUR LE DESEMBROUILLAGE DE PAQUETS DE CONTENU D'UN FLUX DE TRANSPORT NUMERIQUE**

[72] WENDLING, BERTRAND, FR
[72] LE BUHAN, CORINNE, CH
[71] NAGRAVISION S.A., CH
[85] 2014-05-21
[86] 2012-11-20 (PCT/EP2012/073064)
[87] (WO2013/076057)
[30] US (61/562,462) 2011-11-22
[30] EP (11190121.1) 2011-11-22

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[51] Int.Cl. B01J 19/00 (2006.01) C07B 59/00 (2006.01) C07C 215/50 (2006.01) C07C 229/48 (2006.01) C07C 233/91 (2006.01) C07D 239/553 (2006.01) C07D 277/66 (2006.01) C07D 403/06 (2006.01) C07D 405/04 (2006.01) C07D 405/06 (2006.01)	[51] Int.Cl. B66B 13/12 (2006.01)	[51] Int.Cl. F27D 7/02 (2006.01) F27D 7/06 (2006.01)
[25] EN	[25] EN	[25] EN
[54] PRODUCTION OF 18F- LABELLED COMPOUNDS COMPRISING HYDROLYTIC DEPROTECTION STEP AND SOLID PHASE EXTRACTION	[54] CAGE DOOR-SHAFT DOOR COUPLING	[54] NOZZLE DEVICE FOR A FURNACE FOR HEAT TREATING A STEEL FLAT PRODUCT AND FURNACE EQUIPPED WITH SUCH A NOZZLE DEVICE
[54] PRODUCTION DE COMPOSES ETIQUETES 18F COMPRENANT UNE ETAPE DE DEPROTECTION HYDROLYTIQUE ET UNE EXTRACTION DE PHASE SOLIDE	[54] COUPLAGE ENTRE PORTE DE CABINE ET PORTE PALIERE	[54] DISPOSITIF TUYERE DESTINE UN FOUR DE TRAITEMENT THERMIQUE D'UN PRODUIT PLAT EN ACIER, ET FOUR EQUIPE D'UN TEL DISPOSITIF TUYERE
[72] WOUTERS, LUDOVIC, BE	[72] WALKER, WILLY, CH	[72] NORDEN, MARTIN, DE
[72] LIGNON, STEVE, BE	[71] INVENTIO AG, CH	[72] BLUMENAU, MARC, DE
[71] GE HEALTHCARE LIMITED, GB	[85] 2014-05-21	[72] HULSTRUNG, JOACHIM, DE
[85] 2014-05-21	[86] 2012-11-29 (PCT/EP2012/073991)	[72] MACHALITZA, KARSTEN, DE
[86] 2012-11-29 (PCT/EP2012/073926)	[87] (WO2013/092164)	[72] SCHONENBERG, RUDOLF, US
[87] (WO2013/079578)	[30] EP (11194732.1) 2011-12-21	[71] THYSSENKRUPP STEEL EUROPE AG, DE
[30] GB (1120586.1) 2011-11-30		[85] 2014-05-21
[30] US (61/564,880) 2011-11-30	[21] 2,856,461 [13] A1	[86] 2012-12-17 (PCT/EP2012/075770)
	[51] Int.Cl. G01N 33/68 (2006.01)	[87] (WO2013/092479)
	[25] EN	[30] DE (10 2011 056 823.9) 2011-12-21
	[54] NT-PROANP AND NT-PROBNP FOR THE DIAGNOSIS OF STROKE	
	[54] NT-PROANP ET NT-PROBNP POUR LE DIAGNOSTIC D'ACCIDENT VASCULAIRE CEREBRAL	
	[72] HESS, GEORG, DE	
	[72] HORSCH, ANDREA, DE	
	[72] ZDUNEK, DIETMAR, DE	
	[71] F. HOFFMANN-LA ROCHE AG, CH	
	[85] 2014-05-21	
	[86] 2012-11-29 (PCT/EP2012/073897)	
	[87] (WO2013/079567)	
	[30] EP (11191579.9) 2011-12-01	
[21] 2,856,458 [13] A1		[21] 2,856,463 [13] A1
[51] Int.Cl. C07K 14/51 (2006.01)		[51] Int.Cl. C12N 9/42 (2006.01) C12N 1/16 (2006.01) C12N 9/24 (2006.01) C12P 7/10 (2006.01)
[25] EN		[25] FR
[54] GDF-5 MUTANT FOR INDUCING CARTILAGE FORMATION		[54] METHOD FOR PRODUCING AN ENZYME COCKTAIL USING THE SOLID RESIDUES FROM A PROCESS FOR BIOCHEMICALLY CONVERTING OF LIGNOCELLULOSIC MATERIALS
[54] MUTANT GDF-5 POUR INDUIRE UNE FORMATION DE CARTILAGE		[54] PROCEDE DE PRODUCTION D'UN COCKTAIL ENZYMATIQUE UTILISANT LES RESIDUS SOLIDES D'UN PROCEDE DE CONVERSION BIOCHIMIQUE DE MATERIAUX LIGNO-CELLULOSIQUES
[72] PLOGER, FRANK, DE		[72] BEN CHAABANE, FADHEL, FR
[72] WAGNER, FLORIAN, DE		[72] LOURET, SYLVAIN, FR
[71] BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MBH, DE		[71] IFP ENERGIES NOUVELLES, FR
[85] 2014-05-21		[85] 2014-05-21
[86] 2012-12-05 (PCT/EP2012/074549)		[86] 2012-11-27 (PCT/FR2012/000489)
[87] (WO2013/083649)		[87] (WO2013/087998)
[30] EP (11191973.4) 2011-12-05		[30] FR (11/03857) 2011-12-14

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[21] **2,856,464**
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] FR
[54] **SYSTEM FOR FILMING A VIDEO MOVIE**
[54] **SYSTEME DE TOURNAGE DE FILM VIDEO**
[72] PARTOUCHE, ISAAC, FR
[72] SZLAPKA, JEAN-FRANCOIS, FR
[72] LINOT, EMMANUEL, FR
[71] SOLIDANIM, FR
[85] 2014-05-21
[86] 2012-12-13 (PCT/FR2012/052916)
[87] (WO2013/088076)
[30] FR (11 61535) 2011-12-13

[21] **2,856,465**
[13] A1

[51] **Int.Cl. F16L 11/12 (2006.01) F16L 33/22 (2006.01)**
[25] EN
[54] **GARDEN HOSE AND WATERING HOSE SYSTEM COMPRISING SAID HOSE**
[54] **TUYAU D'ARROSAGE ET SYSTEME DE TUYAU D'IRRIGATION EQUIPE D'UN TEL TUYAU D'ARROSAGE**
[72] WENZEL, EDMOND, DE
[72] KREUTLE, SONJA, DE
[72] TATIC, ALEKSANDAR, DE
[72] GROSSMANN, TIMO, DE
[71] HUSQVARNA AB, SE
[85] 2014-05-21
[86] 2012-11-21 (PCT/EP2012/073255)
[87] (WO2013/076153)
[30] DE (10 2011 055 570.6) 2011-11-21

[21] **2,856,466**
[13] A1

[51] **Int.Cl. C07D 307/46 (2006.01)**
[25] EN
[54] **PREPARATION OF 5-HYDROXYMETHYLFURFURAL (HMF) FROM SACCHARIDE SOLUTIONS IN THE PRESENCE OF A SOLVENT HAVING A BOILING POINT GREATER THAN 60 DEGREE C AND LESS THAN 200 DEGREE C (AT STANDARD PRESSURE, CALLED LOW BOILER FOR SHORT)**
[54] **PRODUCTION DE 5-HYDROXYMETHYLFURFURAL (HMF) A PARTIR DE SOLUTIONS DE SACCHARIDE EN PRESENCE D'UN SOLVANT PRESENTANT UN POINT D'EBULLITION SUPERIEUR A 60 DEGRE C INFERIEUR A 200 DEGRE C (A UNE PRESSION NORMALE, APPELE SOLVANT A POINT D'EBULLITION BAS)**
[72] BACKES, RENE, DE
[72] BLANK, BENOIT, DE
[72] KINDLER, ALOIS, DE
[72] FELDNER, CARMEN, DE
[71] BASF SE, DE
[85] 2014-05-21
[86] 2012-12-11 (PCT/EP2012/075059)
[87] (WO2013/087614)
[30] EP (11193157.2) 2011-12-13
[30] EP (12180908.1) 2012-08-17

[21] **2,856,468**
[13] A1

[51] **Int.Cl. G01N 33/22 (2006.01) C06B 45/00 (2006.01)**
[25] EN
[54] **A METHOD OF CHARACTERISING THE STRUCTURE OF A VOID SENSITIZED EXPLOSIVE COMPOSITION**
[54] **PROCEDE DE CARACTERISATION DE LA STRUCTURE D'UNE COMPOSITION EXPLOSIVE RENDUE SENSIBLE AU VIDE**
[72] COOPER, JOHN, GB
[72] KIRBY, IAN JOHN, GB
[72] SUJANSKY, VLADIMIR, AU
[72] CHAN, SEK K., CA
[71] ORICA INTERNATIONAL PTE LTD, SG
[85] 2014-05-21
[86] 2012-12-13 (PCT/AU2012/001528)
[87] (WO2013/086573)
[30] AU (2011905263) 2011-12-16

[21] **2,856,471**
[13] A1

[51] **Int.Cl. C08J 9/00 (2006.01) C08J 9/04 (2006.01) C08K 3/26 (2006.01) C08K 9/00 (2006.01) C08K 9/04 (2006.01)**
[25] EN
[54] **FILLERS FOR FOAMED RIGID POLYMER PRODUCTS**
[54] **CHARGES POUR DES PRODUITS POLYMERES RIGIDES MOUSSES**
[72] RAYMOND, EDWARD, US
[72] LEWIS, RABUN WALKER, US
[71] OMYA DEVELOPMENT AG, CH
[85] 2014-05-21
[86] 2012-11-30 (PCT/EP2012/074120)
[87] (WO2013/083492)
[30] US (61/567,270) 2011-12-06
[30] EP (12150304.9) 2012-01-05

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[21] **2,856,472**
[13] A1

[51] **Int.Cl. A61B 17/322 (2006.01) A61B 17/3205 (2006.01) A61B 17/34 (2006.01)**

[25] EN

[54] **DEVICE FOR TISSUES SAMPLING AND GRAFTING**

[54] **DISPOSITIF D'ECHANTILLONNAGE ET DE GREFFE DE TISSUS**

[72] ANDREANI, SILVANO, SM
[72] CASALE, ETTORE, IT
[72] MAULLU, GIORGIO, IT
[71] ANDREANI, SILVANO, SM
[71] CASALE, ETTORE, IT
[71] MAULLU, GIORGIO, IT
[85] 2014-05-21
[86] 2012-11-22 (PCT/EP2012/073401)
[87] (WO2013/076213)
[30] IT (BO2011A000667) 2011-11-23

[21] **2,856,473**
[13] A1

[51] **Int.Cl. F16G 15/06 (2006.01) E21B 41/04 (2006.01)**

[25] EN

[54] **UNDERWATER SHACKLE**

[54] **MANILLE SOUS-MARINE**

[72] SKJOLD, LARS, NO
[71] SKJOLD, LARS, NO
[85] 2014-05-21
[86] 2012-11-16 (PCT/NO2012/050226)
[87] (WO2013/077740)
[30] NO (20111635) 2011-11-25

[21] **2,856,474**
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01) F16K 3/24 (2006.01) F16K 31/46 (2006.01)**

[25] EN

[54] **INFLOW CONTROL SOLUTIONS FOR WELLBORES**

[54] **SOLUTIONS DE REGULATION DE LA VENUE POUR PUIS DE FORAGE**

[72] COON, ROBERT JOE, US
[72] THEMIG, DANIEL JON, CA
[72] FEHR, JAMES, CA
[71] PACKERS PLUS ENERGY SERVICES INC., CA
[85] 2014-05-21
[86] 2012-11-20 (PCT/CA2012/050831)
[87] (WO2013/075235)
[30] US (61/562,237) 2011-11-21
[30] US (61/613,297) 2012-03-20

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[13] A1

[51] **Int.Cl. A61K 31/42 (2006.01) A61P 33/00 (2006.01)**

[25] EN

[54] **USE OF ARYL DERIVATIVES FOR CONTROLLING ECTOPARASITES**

[54] **DERIVES ARYLES POUR LUTTER CONTRE LES ECTOPARASITES**

[72] DESEVAUX, CYRIL, CH
[72] JUNG, MARTIN, CH
[72] KABLITZ, CAROLINE, CH
[72] NANCHEN, STEVE, CH
[71] NOVARTIS AG, CH
[85] 2014-05-21
[86] 2012-11-23 (PCT/EP2012/073475)
[87] (WO2013/079407)
[30] EP (11191133.5) 2011-11-29

[21] **2,856,477**
[13] A1

[51] **Int.Cl. C08B 37/10 (2006.01) A61K 31/727 (2006.01) A61P 33/06 (2006.01)**

[25] EN

[54] **LOW ANTICOAGULANT HEPARINS**

[54] **HEPARINES A FAIBLE EFFET ANTICOAGULANT**

[72] EKRE, HANS-PETER, SE
[72] LINDAHL, ULF, SE
[72] HOLMER, ERIK, SE
[72] ERIKSSON, PER-OLOV, SE
[72] LEITGEB, ANNA, SE
[72] WAHLGREN, MATS, SE
[72] TIDIA, STEFANIA, IT
[72] LIVERANI, LINO, IT
[71] DILAFORRETTA AB, SE
[85] 2014-05-21
[86] 2012-12-19 (PCT/SE2012/051428)
[87] (WO2013/095276)
[30] SE (PCT/SE2011/051538) 2011-12-19

[21] **2,856,479**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01)**

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[54] **CASSETTE D'EXPRESSION**

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[72] AEBISCHER-GUMY, CHRISTEL, CH
[72] MORETTI, PIERRE, FR
[72] BERTSCHINGER, MARTIN, DE
[71] GLENMARK PHARMACEUTICALS S.A., CH
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[54] **PROTEINE DE FUSION ANTICANCER**

[72] PIECZYKOLAN, JERZY SZCZEPAN, PL
[72] PAWLAK, SEBASTIAN, PL
[72] SZYMANIK, MICHAL, PL
[72] PIECZYKOLAN, ANNA MARIA, PL
[72] ZEREK, BARTLOMIEJ MACIEJ, PL
[72] ROZGA, PIOTR, PL
[72] JAWORSKI, ALBERT ROBERT, PL
[72] TESKA-KAMINSKA, MALGORZATA IZABELA, PL
[71] ADAMED SP. Z O.O., PL
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[51] **Int.Cl. D06F 39/02 (2006.01) A47L 15/44 (2006.01)**

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[54] **A METHOD AND A DEVICE FOR CONTROLLED DOSING OF TREATING COMPOSITIONS IN WASHING MACHINES**

[54] **PROCEDE ET DISPOSITIF DE DOSAGE CONTROLE DE COMPOSITIONS DE TRAITEMENT DANS DES MACHINES A LAVER**

[72] MCKENNA, SHAUNA, GB
[72] PEDLEY, EDMUND, GB
[72] THOMAS, DAVID, GB
[72] WASONGA, JOHN, GB
[71] RECKITT & COLMAN (OVERSEAS) LIMITED, GB
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[54] **TEXTILE SYSTEM FOR PRODUCING HEAT**
[54] **SYSTEME DE TEXTILE POUR GENERER DE LA CHALEUR**
[72] PEPIN, FRANCOIS, CA
[72] BEGRICHE, ALDJIA, CA
[72] POIRIER, ALAIN, CA
[71] SOLENO TEXTILES TECHNIQUES INC., CA
[85] 2014-05-21
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[25] EN
[54] **REPRODUCTION DEVICE, REPRODUCTION METHOD, CONTROL PROGRAM, AND RECORDING MEDIUM**
[54] **DISPOSITIF DE REPRODUCTION, PROCEDE DE REPRODUCTION, PROGRAMME DE COMMANDE ET SUPPORT D'ENREGISTREMENT**
[72] MITSUHASHI, REIKO, JP
[72] SUZUKI, UMIHIKO, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2014-05-21
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[25] EN
[54] **PLANT TRANSFORMANT, TRANSFORMATION METHOD FOR PLANT, AND VECTOR USED IN SAID METHOD**
[54] **TRANSFORMANT DE PLANTE, PROCEDE DE TRANSFORMATION DE PLANTE ET VECTEUR UTILISE DANS LEDIT PROCEDE**
[72] TABELI, YUTAKA, JP
[72] OKUZAKI, AYAKO, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
[85] 2014-05-21
[86] 2012-11-22 (PCT/JP2012/080355)
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[25] EN
[54] **ADJUSTABLE TRANSMISSIVE INSULATIVE ARRAY OF VANES, SYSTEM AND BUILDING STRUCTURE**
[54] **RESEAU D'ISOLATION OU TRANSMISSION REGLABLE D'AILETTES, SYSTEME ET STRUCTURE DE CONSTRUCTION**
[72] WHITEHEAD, LORNE A., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2014-05-21
[86] 2012-11-23 (PCT/CA2012/050848)
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[30] US (61/563,585) 2011-11-24

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[25] EN
[54] **ALUMINIUM FIN ALLOY AND METHOD OF MAKING THE SAME**
[54] **ALLIAGE POUR AILETTES D'ALUMINIUM ET SON PROCEDE DE FABRICATION**
[72] HOWELLS, ANDREW D., CA
[72] GATENBY, KEVIN MICHAEL, CA
[72] MAROIS, PIERRE HENRI, CA
[72] DAVISSON, THOMAS L., US
[72] PERDRISSET, FRED, FR
[71] NOVELIS INC., CA
[85] 2014-05-21
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[51] **Int.Cl. H04B 7/26 (2006.01) H04W 74/04 (2009.01)**
[25] EN
[54] **GROUPING-BASED DATA TRANSCIEIVING METHOD IN WIRELESS LAN SYSTEM AND APPARATUS FOR SUPPORTING SAME**
[54] **PROCEDE D'EMISSION/RECEPTION DE DONNEES A BASE DE GROUPEMENT DANS UN SYSTEME LAN SANS FIL ET APPAREIL PRENANT EN CHARGE CE PROCEDE**
[72] SEOK, YONG HO, KR
[72] PARK, JONG HYUN, KR
[72] YOU, HYANG SUN, KR
[71] LG ELECTRONICS INC., KR
[85] 2014-05-21
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[87] (WO2013/077692)
[30] US (61/563,597) 2011-11-24
[30] US (61/567,127) 2011-12-06
[30] US (61/652,339) 2012-05-29

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[25] EN

[54] **A TIRE ASSEMBLY AND A METHOD OF BUILDING A SUPPORT STRUCTURE IN A MARINE ENVIRONMENT USING TIRES**

[54] **ENSEMBLE DE PNEUMATIQUES ET PROCEDE DE CONSTRUCTION D'UNE STRUCTURE DE SUPPORT DANS UN ENVIRONNEMENT MARIN A L'AIDE DE PNEUMATIQUES**

[72] GOEI, DOUGLAS, CA
[71] GOEI, DOUGLAS, CA
[85] 2014-05-21
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[87] (WO2013/104074)
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[13] A1

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[25] EN

[54] **NON ANTI-COAGULATIVE GLYCOSAMINOGLYCANS COMPRISING REPEATING DISACCHARIDE UNIT AND THEIR MEDICAL USE**

[54] **NOUVEAU GLYCOSAMINOGLYCAN FAIBLEMENT ANTICOAGULANT**

[72] EKRE, HANS-PETER, SE
[72] ERIKSSON, PER-OLOV, SE
[72] LINDAHL, ULF, SE
[72] HOLMER, ERIK, SE
[71] DILAFOR AB, SE
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[54] **IMPROVED METAL PASSIVATOR/TRAP FOR FCC PROCESSES**

[54] **PASSIVANT DE METAUX/PIEGE A METAUX AMELIORE POUR PROCESSUS FCC**

[72] HOFFER, BRAM W., US
[72] STOCKWELL, DAVID M., US
[71] BASF CORPORATION, US
[85] 2014-05-21
[86] 2011-11-21 (PCT/US2011/061648)
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[13] A1

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[54] **CAPSULE AND SYSTEM FOR BEVERAGE PREPARATION**

[54] **CAPSULE ET SYSTEME PERMETTANT DE PREPARER UNE BOISSON**

[72] DOGLIONI MAJER, LUCA, IT
[71] TUTTOESPRESSO S.R.L., IT
[85] 2014-05-21
[86] 2012-11-20 (PCT/IB2012/002408)
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[51] **Int.Cl. A44B 5/02 (2006.01) A44C 13/00 (2006.01)**

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[54] **COMBINED FASHION ACCESSORY AND KEY**

[54] **ACCESSOIRE DE MODE ET CLE COMBINES**

[72] HYKAMP, MIKAEL ALEXANDER, CA
[71] DB IMPORTS INC., CA
[85] 2014-05-21
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[13] A1

[51] **Int.Cl. G10L 15/04 (2013.01) G10L 15/22 (2006.01) H04M 3/527 (2006.01)**

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[54] **SYSTEM AND METHOD FOR PATTERN RECOGNITION AND ANALYSIS**

[54] **SYSTEME ET PROCEDE POUR LA RECONNAISSANCE L'ANALYSE DE MOTIFS**

[72] NASH-WALKER, JIM, US
[72] BORTON, GREG, US
[71] LISTENING METHODS, LLC, US
[85] 2014-05-21
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[51] **Int.Cl. C08G 81/02 (2006.01) C08F 2/10 (2006.01) C08F 220/06 (2006.01) C08F 220/56 (2006.01) C08F 222/38 (2006.01) C08F 226/02 (2006.01)**

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[54] **WATERSOLUBLE LINEAR COPOLYMER**

[54] **COPOLYMERE LINEAIRE HYDROSOLUBLE**

[72] ZHELDAK, LIUDMYLA DMYTRIVNA, UA
[71] BIOMATRIX INTERNATIONAL LIMITED, CY
[85] 2014-05-21
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[30] UA (u 2011 13857) 2011-11-24

[21] **2,856,498**
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[51] **Int.Cl. F03D 3/00 (2006.01) F03D 9/00 (2006.01) F03D 11/04 (2006.01)**

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[54] **SYSTEM FOR ENERGY PRODUCTION FROM RENEWABLE SOURCES**

[54] **SYSTEME DE PRODUCTION D'ENERGIE A PARTIR DE SOURCES RENOUVELABLES**

[72] ANGOLI, ROBERTO, IT
[72] PARMA, PAOLO, IT
[72] GHIDESI, GIANCARLO, IT
[71] R.E.M. S.P.A. REVOLUTION ENERGY MAKER, IT
[85] 2014-05-21
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[30] IT (BG2011A000048) 2011-11-25

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[54] **METHOD OF MAKING A FOAM**
[54] **PROCEDE DE FABRICATION D'UNE MOUSSE**

[72] SPEER, DREW, US
[72] MAHON, WILLIAM J., US
[72] MAO, LORNA LU ZHAO, US
[71] CRYOVAC, INC., US
[85] 2014-05-21
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[21] **2,856,501**
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[25] EN
[54] **A DRUG CARRIER WITH CHELATING COMPLEX MICELLES AND THE APPLICATION THEREOF**
[54] **VECTEUR DE MEDICAMENT A MICELLE COMPOSITE CHELATRICE ET SON UTILISATION**

[72] WANG, CHAU-HUI, CN
[72] CHEN, CHIA-HUNG, CN
[72] LIN, JOHNSON, CN
[72] CHEN, JING-YI, CN
[72] LIAO, WEI-CHUAN, CN
[71] ORIGINAL BIOMEDICALS CO., LTD., TW
[85] 2014-05-21
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[87] (WO2013/075394)
[30] US (61/562,663) 2011-11-22

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[51] **Int.Cl. G10D 13/08 (2006.01) G10D 3/12 (2006.01)**

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[54] **PERCUSSION INSTRUMENT**
[54] **INSTRUMENT A PERCUSSION**

[72] NORMAND, GAUDRY, CA
[71] NORMAND, GAUDRY, CA
[85] 2014-05-21
[86] 2012-12-10 (PCT/IB2012/002656)
[87] (WO2013/093588)
[30] CA (2,762,576) 2011-12-20

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[13] A1

[51] **Int.Cl. D05B 1/20 (2006.01) D05B 37/04 (2006.01) D05B 73/12 (2006.01)**

[25] EN
[54] **SEWING MACHINE AND PROCESS FOR SEWING TOGETHER, BY MEANS OF SAID SEWING MACHINE, AT LEAST TWO OVERLAPPING FLAPS OF TEXTILE**

[54] **MACHINE A COUDRE ET PROCESSUS POUR COUDRE ENSEMBLE, AU MOYEN DE LADITE MACHINE A COUDRE, AU MOINS DEUX RABATS DE TEXTILE SE CHEVAUCHANT**

[72] LONATI, TIBERIO (DECEASED), IT
[71] SANTONI S.P.A., IT
[85] 2014-05-21
[86] 2012-11-21 (PCT/IB2012/056593)
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[30] IT (MI2011A002188) 2011-11-30

[21] **2,856,506**
[13] A1

[51] **Int.Cl. A61K 31/495 (2006.01) A61K 31/375 (2006.01) A61K 31/519 (2006.01) A61P 31/00 (2006.01) A61P 31/12 (2006.01)**

[25] EN
[54] **METHOD FOR TREATING HEPATITIS C VIRUS INFECTION USING QUERCETIN-CONTAINING COMPOSITIONS**
[54] **METHODE POUR TRAITER UNE INFECTION PAR LE VIRUS DE L'HEPATITE C A L'AIDE DE COMPOSITIONS CONTENANT DE LA QUERCETINE**

[72] LINES, THOMAS CHRISTIAN, US
[71] QUERCEGEN PHARMACEUTICALS LLC, US
[85] 2014-05-21
[86] 2012-11-20 (PCT/US2012/066027)
[87] (WO2013/078184)
[30] US (13/303,467) 2011-11-23

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[13] A1

[51] **Int.Cl. A61K 31/4174 (2006.01) A61P 27/02 (2006.01)**

[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 4-[1-(2,3-DIMETHYLPHENYL)ETHYL]-3H-IMIDAZOLE DERIVATIVES FOR TREATING RETINAL DISEASES**

[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES DERIVES DE 4-[1-(2,3-DIMETHYLPHENYL)ETHYL]-3H-IMIDAZOLE POUR LE TRAITEMENT DE MALADIES RETINIENNES**

[72] DIBAS, MOHAMMED I., US
[72] DONELLO, JOHN E., US
[72] GIL, DANIEL W., US
[71] ALLERGAN, INC., US
[85] 2014-05-21
[86] 2012-11-19 (PCT/US2012/065942)
[87] (WO2013/078151)
[30] US (61/562,112) 2011-11-21

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[13] A1

[51] **Int.Cl. H01R 25/14 (2006.01)**

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[54] **CONNECTOR FOR ELECTRIFIED CEILING GRID**
[54] **CONNECTEUR POUR ELEMENT PLAFONNIER ELECTRIFIE**

[72] JACOBS, EDMUND LUTHER, US
[72] LUKSIC, MAREK T., US
[72] BRANDBERG, PHILIP CLAY, US
[71] TYCO ELECTRONICS CORPORATION, US
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[30] US (13/309,605) 2011-12-02

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[13] A1

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[54] **PALM OIL ENRICHED IN UNSATURATED FATTY ACIDS**
[54] **HUILE DE PALME ENRICHEE EN ACIDES GRAS INSATURES**

[72] CROSBY, THOMAS GEORGE, US
[72] DAMSTRUP, MARIANNE LINDE, DK
[72] LEE, JOHN INMOK, US
[72] NIELSON, PER MUNK, DK
[72] WEITZ, CRAIG JORDAN, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[71] NOVOZYMES A/S, DK
[71] FRITO - LAY NORTH AMERICA, INC., US
[85] 2014-05-21
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[30] US (61/562,501) 2011-11-22

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[25] EN
[54] **RESIN COMPOSITION FOR SEALANT, LAMINATED FILM, AND PACKAGING BAG**
[54] **COMPOSITION DE RESINE POUR PRODUIT D'ETANCHEITE, FILM STRATIFIE ET SAC D'EMBALLAGE**

[72] KASHIMA, KOUSUKE, JP
[72] OKAMOTO, HAJIME, JP
[72] INADA, MASAKAZU, JP
[72] YOSHIDA, MIHOKO, JP
[71] FUJIMORI KOGYO CO., LTD., JP
[85] 2014-05-21
[86] 2012-12-11 (PCT/JP2012/082046)
[87] (WO2013/094472)
[30] JP (2011-281366) 2011-12-22

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[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) B01D 53/56 (2006.01) B01D 53/75 (2006.01)**

[25] EN
[54] **PREVENTION OF NITRO-AMINE FORMATION IN CARBON DIOXIDE ABSORPTION PROCESSES**
[54] **PREVENTION DE LA FORMATION DE NITROSAMINES DANS DES PROCESSUS D'ABSORPTION DE DIOXYDE DE CARBONE**

[72] JOHNSON, DENNIS W., US
[72] REDDY, SATISH, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2014-05-21
[86] 2012-11-20 (PCT/US2012/066092)
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[30] US (13/301,625) 2011-11-21

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[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/00 (2006.01) A61F 2/28 (2006.01) A61F 2/46 (2006.01)**

[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR ANCHORING ORTHOPAEDIC IMPLANTS TO BONE**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR ANCRER DES IMPLANTS ORTHOPEDIQUES A L'OS**

[72] KOURTIS, LAMPROS, US
[72] JAASMA, MICHAEL J., US
[72] MYUNG, DAVID, US
[72] HOLLIS, MICHAEL C., US
[72] HARTDEGEN, VERNON, US
[71] BIOMIMEDICA, INC., US
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[30] US (61/562,187) 2011-11-21
[30] US (61/566,558) 2011-12-02
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[21] **2,856,514**
[13] A1

[51] **Int.Cl. C10L 9/08 (2006.01) C01B 3/32 (2006.01) C07C 31/04 (2006.01) C10B 53/02 (2006.01) C10L 1/04 (2006.01) C10L 9/02 (2006.01) C12P 5/00 (2006.01) C12P 7/00 (2006.01)**

[25] EN
[54] **SYSTEM AND PROCESS FOR BIOMASS CONVERSION TO RENEWABLE FUELS WITH BYPRODUCTS RECYCLED TO GASIFIER**
[54] **SYSTEME ET PROCEDE DE CONVERSION D'UNE BIOMASSE EN CARBURANTS RENOUVELABLES ET SOUS-PRODUITS RECYCLES VERS LE GAZEIFIEUR**

[72] CHEIKY, MICHAEL C., US
[72] MALYALA, RAJASHEKHARAM, US
[72] TRAXLER, VERN S., US
[71] COOL PLANET ENERGY SYSTEMS, INC., US
[85] 2014-05-21
[86] 2012-11-19 (PCT/US2012/065931)
[87] (WO2013/078146)
[30] US (61/562,935) 2011-11-22

[21] **2,856,518**
[13] A1

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

[25] EN
[54] **DIFFERENTIATING BOOKMARKS IN CONTENT ACCESS LISTS SHARED AMONG MULTIPLE CONTENT PLAYER DEVICES**
[54] **DIFFERENCIATION DE SIGNETS DANS DES LISTES D'ACCES A DES CONTENUS PARTAGEES PAR PLUSIEURS DISPOSITIFS LECTEURS DE CONTENU**

[72] LANGER, PAUL A., US
[72] MINNICK, DAN J., US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2014-05-21
[86] 2012-11-20 (PCT/US2012/066124)
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[13] A1

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[25] EN
[54] **TRACKING A GUIDEWIRE LOCALISATION D'UN FIL-GUIDE**
[72] SCHNEIDER, MARK ROBERT, US
[72] SCULLY, JACK THOMAS, US
[71] ASCENSION TECHNOLOGY CORPORATION, US
[85] 2014-05-21
[86] 2012-11-21 (PCT/US2012/066304)
[87] (WO2013/078348)
[30] US (61/562,991) 2011-11-22

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[72] PERSICANER, PETER, H., R., US
[72] IRANI, NEDA, US
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[54] **COMPOSITIONS COMPRENANT UN COMPOSANT CONFERANT UNE STABILITE AU STOCKAGE**
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[72] SCHMIDT, RAYMOND, US
[72] CHING, AI LING, US
[71] PROTEUS DIGITAL HEALTH, INC., US
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[30] US (13/304,260) 2011-11-23

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[54] **DISUBSTITUTED BETA-LACTONES AS INHIBITORS OF N-ACYLETHANOLAMINE ACID AMIDASE (NAAA)**
[54] **BETA-LACTONES DISUBSTITUES EN TANT QU'INHIBITEURS DE L'AMIDASE ACIDE DE N-ACYLETHANOLAMINE (NAAA)**
[72] PIOMELLI, DANIELE, US
[72] BANDIERA, TIZIANO, IT
[72] MOR, MARCO, IT
[72] TARZIA, GIORGIO, IT
[72] BERTOZZI, FABIO, IT
[72] PONZANO, STEFANO, IT
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] IIT - ISTITUTO ITALIANO DE TECNOLOGIA, IT
[71] UNIVERSITY DEGLI STUDI DI URBINO, IT
[71] UNIVERSITA DEGLI STUDI DI PARMA, IT
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[54] **SYSTEM AND METHOD FOR ACCESS CONTROL AND IDENTITY MANAGEMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT UN CONTROLE D'ACCES ET UNE GESTION D'IDENTITE**
[72] HENDERSON, CHARLES E., US
[71] SKAI, INC., US
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[72] ZAZOVSKY, ALEXANDER F., US
[72] MILKOVISCH, MARK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[71] DONOVAN, KYLE, US
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[54] **DISPOSITIF ET PROCEDE POUR L'USINAGE D'UNE PLAQUE D'ANODE POUR ELECTROLYSE**

[72] DENG, AIMIN, CN
[72] YU, ZHIYAN, CN
[72] SHAO, XIAOGUANG, CN
[71] JIANGXI NERIN EQUIPMENT CO., LTD., CN

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[54] **COMPOSITIONS ET METHODES POUR TRAITER LE VIRUS DE L'HEPATITE C**

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[72] REYNOLDS, CHARLES J., US
[72] BERREY, MIRIAM MICHELLE, US
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[72] SYMONDS, WILLIAM T., US
[72] RAY, ADRIAN S., US
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[72] OLIYAI, REZA, US
[72] ZIA, VAHID, US
[72] STEFANIDIS, DIMITRIOS, US
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[72] CASTEEL, MELISSA JEAN, US
[71] GILEAD PHARMASSET LLC, US

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[54] **SUSPOEMULSIONS STABLES COMPRENANT UNE PLURALITE D'INGREDIENTS ACTIFS SUR LE PLAN AGRICOLE**

[72] XU, WEN, US
[72] TANK, HOLGER, US
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[72] KEENEY, FRANKLIN N., US
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[54] **DEHYDROGENATION OF ALKANOLS TO INCREASE YIELD OF AROMATICS**

[54] **DESHYDROGENATION D'ALCANOLS POUR ACCROITRE LE RENDEMENT DES AROMATIQUES**

[72] BLOMMEL, PAUL G., US
[72] YUAN, LI, US
[72] VAN STRATEN, MATT, US
[72] LYMAN, WARREN, US
[72] CORTRIGHT, RANDY D., US
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[54] **FIL DE RESISTANCE ANTI-CAPILLAIRE**

[72] KELLEY, FREDERICK J., US
[71] PRESTOLITE WIRE LLC, US

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[54] **PORT AND SURFACE CLEANING DEVICES AND TECHNIQUES**

[54] **DISPOSITIFS ET TECHNIQUES DE NETTOYAGE D'ORIFICE ET DE SURFACE**

[72] TENNICAN, PATRICK O., US
[71] HYPROTEK, INC., US

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[54] **COMPOSITION ANTIMICROBIENNE COMPORTANT UNE PELLICULE OU UNE PROTECTION RESIDUELLE**

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[71] HYPROTEK, INC., US

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[54] **TREPAN DE FORAGE A JOINT D'ETANCHEITE PRESENTANT DES SPHERES LOGEES DANS UN MATERIAU D'ETANCHEITE A MATRICE**
[72] DUCKWORTH, DAVID P., US
[72] SUI, PING C., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCEDES POUR DETECTION ET CHARACTERISATION D'EXPOSITION PAR RAYONNEMENT IONISANT DANS UN TISSU**
[72] CHIN, MICHAEL S., US
[71] UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, US
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[54] **DISPOSITIFS DE CATHETER ET TECHNIQUES**
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[71] HYPROTEK, INC., US
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[72] STEINER, SOLOMON S., US
[72] LAULICHT, BRYAN E., US
[72] BAKHRU, SASHA H., US
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[54] **METHOD OF FOAMING POLYOLEFIN USING ACRYLATED EPOXIDIZED FATTY ACID AND FOAM PRODUCED THEREFROM**
[54] **PROCEDE DE MOUSSAGE D'UNE POLYOLEFINE A L'AIDE D'UN ACIDE GRAS EPOXYDE ACRYLE ET MOUSSE OBTENUE PAR CE PROCEDE**
[72] CASSIDY, EDWARD F., US
[72] MAHON, WILLIAM J., US
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[54] **SHAPING DURING THE MANUFACTURE OF A PROFILED COMPONENT**
[54] **FACONNAGE D'UNE PIECE PROFILEE EN PREIMPREGNE**
[72] GENSEWICH, CHRISTIAN, DE
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[71] PREMIUM AEROTEC GMBH, DE
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[54] **PROCEDE DE PRODUCTION D'ALCANES CHLORES**
[72] GRANDBOIS, MATTHEW LEE, US
[72] CHEN, XIAOYUN, US
[72] KRUPER, WILLIAM J., JR., US
[71] DOW GLOBAL TECHNOLOGIES, LLC, US
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[51] **Int.Cl. B60W 50/038 (2012.01) B60W 10/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING SPEED CONTROL MANAGEMENT SETTINGS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER LES REGLAGES DE GESTION DE COMMANDE DE VITESSE**
[72] JOHNSON, ERIK S., US
[72] HAMPSON, RICHARD, US
[72] SLATON, ZACHARY, US
[71] PACCAR INC, US
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[54] **NAVIGATION CHIRURGICALE POUR LA REPARATION DE VALVULES CARDIAQUES**

[72] ZENTGRAF, JOHN, US

[72] PETERS, TERRY, CA

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[54] **STEREOSELECTIVE TOTAL SYNTHESIS OF NORIBOGAINE**

[54] **SYNTHESE STEREOSELECTIVE TOTALE DE LA NORIBOGAINE**

[72] MORIARTY, ROBERT M., US

[72] MASH, DEBORAH C., US

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[72] PATEL, MANISHA, US

[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US

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[54] **HEMOSTATIC DEVICE**

[54] **DISPOSITIF HEMOSTATIQUE**

[72] FETTE, CLAY, US

[72] JANIS, ABRAM, US

[72] KIBALO, BENJAMIN, US

[71] ACELL, INC., US

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06F 17/40 (2006.01)**

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[54] **PRE-FETCHING MAP TILE DATA ALONG A ROUTE**

[54] **PRE-EXTRACTION DE DONNEES DE PAVE DE CARTE LE LONG D'UN ITINERAIRE**

[72] KALAI, ILJYA, CH

[72] SILISKI, MICHAEL, US

[72] MORRISON, JERRY, US

[72] ITO, KEITH, US

[72] MILLER, ANDREW T., US

[71] GOOGLE INC., US

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[30] US (13/546,143) 2012-07-11

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[51] **Int.Cl. B65B 43/14 (2006.01) B31B 19/98 (2006.01) B65B 63/02 (2006.01) B65H 31/30 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR THE HANDLING OF BAGS COMBINED INTO BUNDLES**

[54] **PROCEDE ET DISPOSITIF PERMETTANT DE MANIPULER DES SACHETS REGROUPES EN PAQUETS**

[72] SACHS, FRANK, DE

[72] BRANDHORST, BJORN, DE

[72] SCHNECKE, JORG, DE

[71] FOCKE & CO. (GMBH & CO. KG), DE

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[87] (WO2013/075807)

[30] DE (10 2011 119 041.8) 2011-11-22

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[13] A1

[51] **Int.Cl. A61K 8/87 (2006.01) A61Q 5/06 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS TO IMPART MEMORY EFFECTS ONTO BIOSURFACES**

[54] **PROCEDES ET COMPOSITIONS POUR COMMUNIQUER DES EFFETS DE MEMOIRE A DES BIOSURFACES**

[72] COLACO, ALLWYN, US

[72] YANG, SEN, US

[72] HOWELL, ASHLEY L., US

[71] AVON PRODUCTS, INC., US

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[13] A1

[51] **Int.Cl. H04L 29/12 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **PLUG-AND-PLAY SENSOR PERIPHERAL COMPONENT FOR PROCESS INSTRUMENTATION**
[54] **COMPOSANT PERIPHERIQUE DE CAPTEUR PRET A L'EMPLOI POUR UNE INSTRUMENTATION DE PROCEDE**
[72] HOLMSTADT, CLARENCE EDWARD, US
[71] ROSEMOUNT INC., US
[85] 2014-05-21
[86] 2012-12-26 (PCT/US2012/071637)
[87] (WO2013/109391)
[30] US (13/353,410) 2012-01-19

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[13] A1

[51] **Int.Cl. B01J 19/24 (2006.01) C01B 3/26 (2006.01)**
[25] EN
[54] **CATALYST-CONTAINING REACTOR SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE REACTEUR CONTENANT UN CATALYSEUR ET PROCEDES ASSOCIES**
[72] KRUEGER, CHARLES W., US
[72] ROBERTS, GEORGE M., US
[72] KELRIKH, EDWARD G., US
[72] LESHCHINER, MICHAEL Y., US
[71] HY9 CORPORATION, US
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[86] 2012-12-06 (PCT/US2012/068244)
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[30] US (61/567,340) 2011-12-06

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[25] EN
[54] **GAS TURBINE ENGINE WITH HIGH SPEED LOW PRESSURE TURBINE SECTION**
[54] **TURBINE A GAZ DOTEE D'UNE SECTION TURBINE A BASSE PRESSION A VITESSE ELEVEE**
[72] SUCIU, GABRIEL L., US
[72] SCHWARZ, FREDERICK M., US
[72] ACKERMANN, WILLIAM K., US
[72] KUPRATIS, DANIEL BERNARD, US
[71] UNITED TECHNOLOGIES CORPORATION, US
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[30] US (13/363,154) 2012-01-31
[30] US (61/604,653) 2012-02-29
[30] US (13/410,776) 2012-03-02

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[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 5/00 (2006.01)**
[25] EN
[54] **MULTIPLAYER GAMING SYSTEM**
[54] **SYSTEME DE JEU MULTIJOUEUR**
[72] KIRNSTOTTER, FLORIAN, AT
[71] NOVOMATIC AG, AT
[85] 2014-05-21
[86] 2012-11-23 (PCT/EP2012/004855)
[87] (WO2013/075838)
[30] GB (1120211.6) 2011-11-23

[21] **2,856,563**
[13] A1

[51] **Int.Cl. H01H 3/30 (2006.01) H01H 71/50 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS AND OPENING ASSEMBLY THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE D'OUVERTURE POUR CELA**
[72] SLEPIAN, ROBERT MICHAEL, US
[72] WEISTER, NATHAN JAMES, US
[71] EATON CORPORATION, US
[85] 2014-05-21
[86] 2013-01-11 (PCT/US2013/021162)
[87] (WO2013/119348)
[30] US (13/366,558) 2012-02-06

[21] **2,856,565**
[13] A1

[51] **Int.Cl. A61K 39/29 (2006.01) A61P 31/14 (2006.01) C07K 14/18 (2006.01) C07K 16/10 (2006.01) G01N 33/576 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES**
[72] DRUMMER, HEIDI, AU
[72] MCCAFFREY, KATHLEEN, AU
[72] POUIMBOURIOS, PANTELIS, AU
[71] THE MACFARLANE BURNET INSTITUTE FOR MEDICAL RESEARCH AND PUBLIC HEALTH LTD., AU
[85] 2014-05-22
[86] 2011-11-25 (PCT/AU2011/001534)
[87] (WO2012/068637)
[30] US (61/417,317) 2010-11-26

[21] **2,856,566**
[13] A1

[51] **Int.Cl. G07F 7/12 (2006.01) G02B 5/18 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **DIFFRACTIVE DEVICE**
[54] **DISPOSITIF DIFFRACTIF**
[72] POWER, GARY FAIRLESS, AU
[71] INNOVIA SECURITY PTY LTD, AU
[85] 2014-05-22
[86] 2012-11-28 (PCT/AU2012/001455)
[87] (WO2013/078503)
[30] AU (2011101567) 2011-11-30

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[21] **2,856,568**
[13] A1

[51] **Int.Cl. B63H 21/38 (2006.01) F01P 11/06 (2006.01) F02B 77/04 (2006.01)**
[25] EN
[54] **MOTOR FLUSHING SYSTEM**
[54] **SYSTEME DE RINCAGE DE MOTEUR**
[72] MAXWELL, GREGORY WAYNE, AU
[71] MAXWELL, GREGORY WAYNE, AU
[85] 2014-05-22
[86] 2012-11-28 (PCT/AU2012/001459)
[87] (WO2013/078507)
[30] AU (2011904950) 2011-11-28

[21] **2,856,570**
[13] A1

[51] **Int.Cl. G01J 3/28 (2006.01)**
[25] EN
[54] **SPECTROSCOPIC INSTRUMENT AND PROCESS FOR SPECTRAL ANALYSIS**
[54] **INSTRUMENT SPECTROSCOPIQUE ET PROCESSUS POUR ANALYSE SPECTRALE**
[72] GORSCHBOTH, CLAUDIA, DE
[72] JEGLORZ, TOBIAS, DE
[72] MASSOW, OLE, DE
[72] WISWEH, HENNING, DE
[72] VOGLER, KLAUS, DE
[71] WAVELIGHT GMBH, DE
[85] 2014-05-22
[86] 2011-12-28 (PCT/EP2011/006588)
[87] (WO2013/097874)

[21] **2,856,571**
[13] A1

[51] **Int.Cl. A61F 2/38 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **TIBIAL BASEPLATE WITH ASYMMETRIC PLACEMENT OF FIXATION STRUCTURES**
[54] **PLAQUE DE BASE TIBIALE AVEC PLACEMENT ASYMETRIQUE DE STRUCTURES DE FIXATION**
[72] WENTORF, MARY S.S., US
[72] GREY, CALIE B., US
[72] CRONIN, SHAUN R., US
[71] ZIMMER, INC., US
[85] 2014-05-21
[86] 2012-08-23 (PCT/US2012/052132)
[87] (WO2013/077919)
[30] US (61/562,133) 2011-11-21
[30] US (61/592,574) 2012-01-30
[30] US (61/592,571) 2012-01-30
[30] US (61/594,030) 2012-02-02
[30] US (61/621,369) 2012-04-06
[30] US (61/621,374) 2012-04-06

[21] **2,856,572**
[13] A1

[51] **Int.Cl. H04L 27/14 (2006.01)**
[25] EN
[54] **AUTOMATIC FSK TUNING CIRCUIT FOR A HEARING AID AND METHOD**
[54] **CIRCUIT D'ACCORD FSK AUTOMATIQUE POUR PROTHESE AUDITIVE ET PROCEDE**
[72] LARSEN, SOREN MOLLKOV, DK
[72] KNUDSEN, NIELS OLE, DK
[71] WIDEX A/S, DK
[85] 2014-05-22
[86] 2011-11-25 (PCT/EP2011/071040)
[87] (WO2013/075758)

[21] **2,856,573**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) C10K 1/00 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **PROCESS WITH CONTINUOUSLY STIRRED TANK REACTOR ABSORBER AND FLASH TANK STRIPPER**
[54] **PROCEDE COMPORTANT UN ABSORBANT DANS UN REACTEUR A CUVE AGITEE EN CONTINU ET UN DISPOSITIF D'EPUISEMENT INSTANTANE A CUVE**
[72] SVENDSEN, JOHN ARILD, NO
[72] PEDERSEN, STEINAR, NO
[72] FOSTAS, BERIT F., NO
[71] STATOIL PETROLEUM AS, NO
[85] 2014-05-22
[86] 2011-12-01 (PCT/EP2011/071535)
[87] (WO2013/079116)

[21] **2,856,574**
[13] A1

[51] **Int.Cl. A23L 1/22 (2006.01)**
[25] EN
[54] **TASTE-MASKING COMPOSITIONS, SWEETENER COMPOSITIONS AND CONSUMABLE PRODUCT COMPOSITIONS CONTAINING THE SAME**
[54] **COMPOSITIONS DE MASQUAGE DE GOUT, COMPOSITIONS D'EDULCORANT ET COMPOSITIONS DE PRODUIT CONSOMMABLE LES CONTENANT**
[72] WONSCHIK, JOHANN, DE
[72] PUTTER, CLEMENS M., NL
[71] NUTRINOVA NUTRITION SPECIALTIES & FOOD INGREDIENTS GMBH, DE
[85] 2014-05-22
[86] 2012-11-27 (PCT/EP2012/004889)
[87] (WO2013/079187)
[30] EP (11009403.4) 2011-11-28
[30] US (61/564,040) 2011-11-28
[30] EP (12000994.9) 2012-02-15
[30] EP (12004805.3) 2012-06-27
[30] US (61/664,879) 2012-06-27
[30] EP (12004806.1) 2012-06-27
[30] US (61/664,903) 2012-06-27
[30] EP (PCT/EP2012/004080) 2012-09-28
[30] US (13/630,341) 2012-09-28
[30] US (13/630,254) 2012-09-28

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[21] **2,856,575**
[13] A1

[51] **Int.Cl. H01Q 1/27 (2006.01) H01Q 1/08 (2006.01) H01Q 1/12 (2006.01)**
[25] EN
[54] **COMPACT PORTABLE ANTENNA POSITIONER SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE POSITIONNEMENT D'ANTENNE PORTABLE ET COMPACT**
[72] AYOTTE, KEITH, US
[72] LAGASSE, PAUL, US
[72] MARTIN, DAVID, US
[72] SORRENTINO, ANTHONY, US
[72] WEBB, SPENCER, US
[72] WHEELER, MARK, US
[72] DAVISON, GEORGE, US
[71] ANTENNASYS, INC., US
[71] GBS POSITIONER, LLC, US
[85] 2014-05-21
[86] 2012-10-18 (PCT/US2012/060697)
[87] (WO2013/103432)
[30] US (13/278,927) 2011-10-21

[21] **2,856,576**
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/467 (2006.01) C09K 8/52 (2006.01) C09K 8/575 (2006.01) C09K 8/68 (2006.01) C09K 8/74 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **METHOD FOR THE REMOVAL OR SUPPRESSION OF INTERFERING METAL IONS USING ENVIRONMENTALLY FRIENDLY COMPETITIVE BINDERS**
[54] **PROCEDE POUR L'ELIMINATION OU LA SUPPRESSION D'IONS METALLIQUES INTERFERENTS UTILISANT DES LIANTS COMPETITIFS RESPECTUEUX DE L'ENVIRONNEMENT**
[72] SAINI, RAJESH K., US
[72] HOLTSCLAW, JEREMY, US
[72] LOVELESS, DAVID M., US
[72] FONTENELLE, LUCAS K., US
[72] PATIL, PRAJAKTA R., IN
[72] MUTHUSAMY, RAMESH, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-21
[86] 2012-11-08 (PCT/US2012/064148)
[87] (WO2013/095801)
[30] US (13/331,746) 2011-12-20

[21] **2,856,578**
[13] A1

[51] **Int.Cl. E21B 33/038 (2006.01) E21B 47/001 (2012.01) E21B 7/12 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **MARINE ISOLATION ASSEMBLY**
[54] **ENSEMBLE D'ISOLATION MARIN**
[72] SCRANTON, JOSEPH D., US
[72] SUFFRIDGE, RILEY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-05-21
[86] 2012-11-12 (PCT/US2012/064625)
[87] (WO2013/081808)
[30] US (13/307,420) 2011-11-30

[21] **2,856,579**
[13] A1

[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **HEADER ASSEMBLIES FOR MOVABLE PARTITIONS, MOVABLE PARTITION SYSTEMS INCLUDING SUCH HEADER ASSEMBLIES, AND RELATED METHODS**
[54] **ENSEMBLES DE PARTIE SUPERIEURE POUR DES CLOISONS MOBILES, SYSTEMES DE CLOISONS MOBILES COMPRENANT DE TELS ENSEMBLES DE PARTIE SUPERIEURE, ET PROCEDES S'Y RAPPORANT**
[72] SMART, R. SCOTT, US
[72] STEWART, IVAN W., US
[71] WON-DOOR CORPORATION, US
[85] 2014-05-21
[86] 2012-11-14 (PCT/US2012/065110)
[87] (WO2013/081832)
[30] US (13/305,480) 2011-11-28

[21] **2,856,580**
[13] A1

[51] **Int.Cl. A01G 9/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GROWING PLANTS USING SILICATE-BASED SUBSTRATES, CULTIVATION OF ENHANCED PHOTOSYNTHETIC PRODUCTIVITY AND PHOTOSAFENING BY UTILIZATION OF EXOGENOUS GLYCOPYRANOSIDES FOR ENDOGENOUS GLYCOPYRANOSYL-PROTEIN DERIVATIVES, AND FORMULATIONS, PROCESSES AND SYSTEMS FOR THE SAME**
[54] **PROCEDES ET SYSTEMES DE CULTURE DE PLANTES UTILISANT DES SUBSTRATS A BASE DE SILICATE, CULTURE A PRODUCTIVITE PHOTOSYNTHETIQUE ET PHOTOPROTECTION AMELIOREES PAR UTILISATION DE GLYCOPYRANOSIDES EXOGENES POUR DES DERIVES DE PROTEINES DE TYPE GLYCOPYRANOSYLE ENDOGENES, ET PREPARATIONS, PROCEDES ET SYSTEMES ASSOCIES**
[72] NONOMURA, ARTHUR M., US
[71] NONOMURA, ARTHUR M., US
[85] 2014-05-21
[86] 2012-11-19 (PCT/US2012/065768)
[87] (WO2013/078106)
[30] US (61/561,992) 2011-11-21
[30] US (61/677,515) 2012-07-31

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[21] **2,856,581**
[13] A1

[51] **Int.Cl. G01N 15/08 (2006.01) A61F 13/15 (2006.01) A61F 13/53 (2006.01) A61L 15/60 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLES WITH IMPROVED ABSORPTION PROPERTIES**

[54] **ARTICLES ABSORBANTS AYANT DES PROPRIETES D'ABSORPTION AMELIOREES**

[72] EHRNSPERGER, BRUNO JOHANNES, DE

[72] JENNEWEIN, MARC, DE

[72] LUTSCHE, MARION, DE

[72] PERI, ANDREA, DE

[72] THOMANN, MAIKE, DE

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-05-21

[86] 2012-11-19 (PCT/US2012/065780)

[87] (WO2013/078109)

[30] EP (11189960.5) 2011-11-21

[21] **2,856,582**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **IL-1 BINDING PROTEINS**

[54] **PROTEINES DE LIAISON A L'IL-1**

[72] TARCSA, EDIT, US

[71] ABBVIE INC., US

[85] 2014-05-21

[86] 2012-11-19 (PCT/US2012/065872)

[87] (WO2013/078135)

[30] US (61/562,245) 2011-11-21

[30] US (61/562,728) 2011-11-22

[21] **2,856,588**
[13] A1

[51] **Int.Cl. C02F 9/08 (2006.01) C02F 1/42 (2006.01) C02F 1/52 (2006.01)**

[25] EN

[54] **COKING WASTEWATER TREATMENT**

[54] **TRAITEMENT D'EAUX USEES DE COKAGE**

[72] CAI, JIANGUO, CN

[72] ZHANG, ZHENG, CN

[72] YAN, ZHAOHUI, CN

[72] WANG, XIANRUI, CN

[71] ROHM AND HASS COMPANY, US

[71] DOW GLOBAL TECHNOLOGIES INC., US

[85] 2014-05-22

[86] 2011-11-30 (PCT/CN2011/083226)

[87] (WO2013/078639)

[21] **2,856,589**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/02 (2009.01)**

[25] EN

[54] **SYSTEM, METHODS AND NODES FOR PROVIDING ZONE-BASED SERVICES BASED ON PAIRINGS BETWEEN COMPATIBLE PROFILES**

[54] **SYSTEMES, PROCEDES ET NŒUDS POUR FOURNIR DES SERVICES EN RAPPORT AVEC UNE ZONE, SUR LA BASE D'APPAIREMENTS ENTRE PROFILS COMPATIBLES**

[72] LACASSE, SERGE, CA

[72] SALDANA, GUILLERMO, CA

[71] UNIVERSITE LAVAL, CA

[85] 2014-05-22

[86] 2012-11-19 (PCT/CA2012/001068)

[87] (WO2013/075217)

[30] US (61/562,532) 2011-11-22

[21] **2,856,590**
[13] A1

[51] **Int.Cl. G11C 7/10 (2006.01) G11C 16/06 (2006.01)**

[25] EN

[54] **INDEPENDENT WRITE AND READ CONTROL IN SERIALY-CONNECTED DEVICES**

[54] **COMMANDE INDEPENDANTE D'ECRITURE ET DE LECTURE POUR DES DISPOSITIFS CONNECTES EN SERIE**

[72] PYEON, HONG BEOM, CA

[71] MOSAID TECHNOLOGIES INCORPORATED, CA

[85] 2014-05-22

[86] 2012-12-06 (PCT/CA2012/001124)

[87] (WO2013/082704)

[30] US (61/568,275) 2011-12-08

[30] US (13/401,087) 2012-02-21

[21] **2,856,591**
[13] A1

[51] **Int.Cl. A01N 43/50 (2006.01) A01P 3/00 (2006.01) C07D 233/68 (2006.01)**

[25] EN

[54] **2-IODOIMIDAZOLE DERIVATIVES**

[54] **DERIVES 2-IODOIMIDAZOLE**

[72] HELMKE, HENDRIK, DE

[72] HOFFMANN, SEBASTIAN, DE

[72] NISING, CARL FRIEDRICH, DE

[72] SUDAU, ALEXANDER, DE

[72] TSUCHIYA, TOMOKI, FR

[72] BENTING, JURGEN, DE

[72] DAHMEN, PETER, DE

[72] WACHENDORFF-NEUMANN, ULRIKE, DE

[72] BERNIER, DAVID, FR

[72] BRUNET, STEPHANE, FR

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

[72] LACHAISE, HELENE, FR

[72] RINOLFI, PHILIPPE, FR

[71] BAYER INTELLECTUAL PORPERTY GMBH, DE

[85] 2014-05-22

[86] 2012-11-23 (PCT/EP2012/073427)

[87] (WO2013/076228)

[30] EP (11190683.0) 2011-11-25

[21] **2,856,592**
[13] A1

[51] **Int.Cl. A61K 31/7048 (2006.01) A61K 31/352 (2006.01) A61K 36/00 (2006.01) A61P 1/06 (2006.01)**

[25] EN

[54] **VICENIN 2 AND ANALOGUES THEREOF FOR USE AS AN ANTISPASMODIC AND/OR PROKINETIC AGENT**

[54] **VICENINE-2 ET SES ANALOGUES DESTINEE A ETRE UTILISEE COMME AGENT ANTISPASMODIQUE ET/OU PROKINETIQUE**

[72] BUCHWALD-WERNER, SYBILLE, DE

[72] FUJII, HAJIME, JP

[71] AMINO UP CHEMICAL CO., LTD., JP

[85] 2014-05-20

[86] 2012-11-29 (PCT/EP2012/074009)

[87] (WO2013/079623)

[30] EP (11009430.7) 2011-11-29

[30] US (61/564,374) 2011-11-29

[30] EP (12163578.3) 2012-04-10

[30] US (61/622,260) 2012-04-10

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[21] **2,856,593**
[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) C11D 3/386 (2006.01) C12N 9/24 (2006.01) C12N 9/36 (2006.01) C12N 15/56 (2006.01)**

[25] EN

[54] **POLYPEPTIDES HAVING LYSOZYME ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**

[54] **POLYPEPTIDES AYANT UNE ACTIVITE DE LYSOZYME ET POLYNUCLEOTIDES CODANT POUR CES POLYPEPTIDES**

[72] SCHNORR, KIRK MATTHEW, DK
[72] NIELSEN, JENS ERIK, DK
[72] KLAUSEN, MIKKEL, DK
[71] NOVOZYMES A/S, DK
[71] NOVOZYMES A/S, DK
[85] 2014-05-22
[86] 2012-11-23 (PCT/EP2012/073483)
[87] (WO2013/076253)
[30] EP (11190690.5) 2011-11-25

[21] **2,856,594**
[13] A1

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

[25] EN

[54] **A METHOD FOR PREDICTING RESPONSIVENESS TO A TREATMENT WITH AN EGFR INHIBITOR**

[54] **PROCEDE POUR LA PREDICTION DE LA SENSIBILITE VIS-A-VIS D'UN TRAITEMENT PAR UN INHIBITEUR D'EGFR**

[72] RIO FRIO, THOMAS, FR
[72] LAURENT-PUIG, PIERRE, FR
[72] IMBEAUD, SANDRINE, FR
[71] INTEGRAGEN, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2014-05-22
[86] 2012-11-23 (PCT/EP2012/073535)
[87] (WO2013/076282)
[30] EP (11306568.4) 2011-11-25
[30] EP (12306042.8) 2012-08-31

[21] **2,856,595**
[13] A1

[51] **Int.Cl. C07G 1/00 (2011.01) C08H 8/00 (2010.01) C08J 3/03 (2006.01) C08L 97/00 (2006.01)**

[25] EN

[54] **PROCESS FOR OBTAINING LOW MOLECULAR WEIGHT LIGNIN (LML)**

[54] **PROCEDE POUR OBTENIR DE LA LIGNINE A BAS POIDS MOLECULAIRE (NML)**

[72] TERS, THOMAS, AT
[72] FACKLER, KARIN, AT
[72] MESSNER, KURT, AT
[72] ERTL, ORTWIN, AT
[71] ANNIKKI GMBH, AT
[85] 2014-05-22
[86] 2012-11-26 (PCT/EP2012/073574)
[87] (WO2013/079431)
[30] EP (11190969.3) 2011-11-28

[21] **2,856,596**
[13] A1

[51] **Int.Cl. C08G 65/334 (2006.01) A61L 27/52 (2006.01) C08G 65/326 (2006.01) C08L 71/02 (2006.01)**

[25] EN

[54] **SELF-HEALING MATERIAL AND METHOD FOR THE PREPARATION THEREOF**

[54] **MATERIAU AUTOREPARABLE ET SON PROCEDE DE PREPARATION**

[72] ODRIOZOLA, IBON, ES
[72] CASUSO, PABLO, ES
[72] DIAZ, NATIVIDAD, ES
[72] LOINAZ, IRAIDA, ES
[72] CABANERO, GERMAN, ES
[72] GRANDE, HANS-JURGEN, ES
[71] FUNDACION CIDETEC, ES
[85] 2014-05-22
[86] 2012-11-27 (PCT/EP2012/073693)
[87] (WO2013/079469)
[30] EP (11382365.2) 2011-11-28
[30] US (61/583,019) 2012-01-04

[21] **2,856,598**
[13] A1

[51] **Int.Cl. H04N 7/16 (2011.01) G01S 19/14 (2010.01) H04N 21/4405 (2011.01) H04N 21/45 (2011.01) H04N 21/462 (2011.01) H04N 21/4782 (2011.01) H04N 7/167 (2011.01)**

[25] EN

[54] **METHOD AND SYSTEM TO CONFIRM CO-LOCATION OF MULTIPLE DEVICES WITHIN A GEOGRAPHIC AREA**

[54] **PROCEDE ET SYSTEME POUR CONFIRMER LA COLOCALISATION DE COLOCALISATIONS MULTIPLES DANS UNE ZONE GEOGRAPHIQUE**

[72] WILSON, ROBIN, US
[71] NAGRAVISION S.A., CH
[85] 2014-05-22
[86] 2012-11-27 (PCT/EP2012/073740)
[87] (WO2013/079485)
[30] US (61/564,713) 2011-11-29
[30] US (61/613,339) 2012-03-20

[21] **2,856,599**
[13] A1

[51] **Int.Cl. A61K 31/7048 (2006.01) A61K 31/352 (2006.01) A61K 36/00 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING VICENIN-2 HAVING A BENEFICIAL EFFECT ON NEUROLOGICAL AND/OR COGNITIVE FUNCTION**

[54] **COMPOSITION COMPRENANT DE LA VICENINE-2 AYANT UN EFFET BENEFIQUE SUR LA FONCTION NEUROLOGIQUE ET/OU COGNITIVE**

[72] BUCHWALD-WERNER, SYBILLE, DE
[72] FUJII, HAJIME, JP
[71] AMINO UP CHEMICAL CO., LTD., JP
[85] 2014-05-20
[86] 2012-11-29 (PCT/EP2012/074010)
[87] (WO2013/079624)
[30] EP (11009430.7) 2011-11-29
[30] US (61/564,374) 2011-11-29
[30] EP (12163578.3) 2012-04-10
[30] US (61/622,260) 2012-04-10

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[21] **2,856,600**
[13] A1

[51] **Int.Cl. F42B 12/34 (2006.01) F42B 12/26 (2006.01) F42B 12/36 (2006.01) F42B 12/74 (2006.01)**

[25] EN

[54] **PARTIALLY DIVIDING PROJECTILE OR DIVIDING PROJECTILE WITH PB-FREE CORE INTERSPERSED WITH PREDETERMINED BRAKING POINTS**

[54] **PROJECTILE A EXPANSION PARTIELLE OU PROJECTILE A EXPANSION AYANT UN CORPS EXEMPT DE PB TRAVERSE PAR DES POINTS DE RUPTURE THEORIQUES**

[72] REISS, HEINZ, DE
[71] RUAG AMMOTEC GMBH, DE
[85] 2014-05-22
[86] 2012-11-30 (PCT/EP2012/074128)
[87] (WO2013/079679)
[30] DE (10 2011 119 822.2) 2011-12-01
[30] DE (10 2012 012 538.0) 2012-06-26

[21] **2,856,602**
[13] A1

[51] **Int.Cl. B29C 45/27 (2006.01)**

[25] EN

[54] **A HOT CHANNEL DISTRIBUTOR ARRANGEMENT FOR A HOT CHANNEL SYSTEM**

[54] **ENSEMBLE DISTRIBUTEUR POUR UN SYSTEME A CANAUX CHAUDS**

[72] EIMEKE, STEFAN, DE
[72] POMSTRA, HENK JAN, NL
[71] EWIKON HEISSKANALSYSTEME GMBH, DE
[85] 2014-05-22
[86] 2012-12-03 (PCT/EP2012/074285)
[87] (WO2013/083533)
[30] DE (10 2011 056 060.2) 2011-12-05

[21] **2,856,603**
[13] A1

[51] **Int.Cl. A44B 11/25 (2006.01) A44B 11/26 (2006.01) A44B 11/28 (2006.01)**

[25] EN

[54] **BUCKLE**

[54] **BOUCLE**

[72] HORTNAGL, ANDREAS, AT
[71] ABA HORTNAGL GMBH, AT
[85] 2014-05-21
[86] 2012-11-27 (PCT/AT2012/000298)
[87] (WO2013/078486)
[30] AT (A 1786/2011) 2011-12-02

[21] **2,856,605**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) G01J 3/02 (2006.01)**

[25] EN

[54] **A DEVICE FOR OPTICALLY MEASURING FLUORESCENCE OF NUCLEIC ACIDS IN TEST SAMPLES AND USE OF THE DEVICE**

[54] **DISPOSITIF DE MESURE OPTIQUE DE LA FLUORESCENCE DES ACIDES NUCLEIQUES DANS DES ECHANTILLONS D'ESSAI ET UTILISATION DU DISPOSITIF**

[72] COURTNEY, JAMES, GB
[71] HAIN LIFESCIENCE GMBH, DE
[85] 2014-05-22
[86] 2012-12-04 (PCT/EP2012/074298)
[87] (WO2013/087446)
[30] EP (11193698.5) 2011-12-15

[21] **2,856,606**
[13] A1

[51] **Int.Cl. F23C 3/00 (2006.01)**

[25] EN

[54] **CYCLONE BURNER WITH CONICAL COMBUSTION CHAMBER**

[54] **BRULEUR CYCLONE A CHAMBRE DE COMBUSTION CONIQUE**

[72] NIELSEN, MADDS, DK
[72] RASMUSSEN, MADDS PETER, DK
[72] STROMBERG, KARL EMIL ANDREAS, SE
[72] ULLITZ, MADDS KRISTIAN, DK
[72] MANOHAR, JAGANNATH PANDIAN, IN
[71] FLISMIDTH A/S, DK
[85] 2014-05-21
[86] 2011-11-25 (PCT/EP2011/071016)
[87] (WO2013/075752)

[21] **2,856,607**
[13] A1

[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **CRYSTALLINE FORMS OF 2-(2-METHYLAMINO-PYRIMIDIN-4-YL)-1H-INDOLE-5-CARBOXYLIC ACID [(S)-1-CARBAMOYL-2-(PHENYL-PYRIMIDIN-2-YL-AMINO)-ETHYL]-AMIDE**

[54] **FORMES CRISTALLINES DU [(S)-1-CARBAMOYL-2-(PHENYLPYRIMIDIN-2-YLAMINO)ETHYL]AMIDE DE L'ACIDE 2-(2-METHYLAMINOPYRIMIDIN-4-YL)-1H-INDOLE-5-CARBOXYLIQUE**

[72] RITZELER, OLAF, DE
[72] MOHNICKE, MANDY, DE
[72] BILLEN, GUENTER, DE
[72] BAUMGARTNER, BRUNO, DE
[72] BROCKELMANN, MARTIN, DE
[72] NAGEL, NORBERT, DE
[71] SANOFI, FR
[85] 2014-05-22
[86] 2012-12-04 (PCT/EP2012/074339)
[87] (WO2013/083553)
[30] EP (11306618.7) 2011-12-06

PCT Applications Entering the National Phase

[21] **2,856,608**
[13] A1

[51] **Int.Cl. A61K 31/625 (2006.01) A61K 31/485 (2006.01) A61K 47/48 (2006.01) C07D 489/00 (2006.01)**

[25] EN

[54] **BENZOIC ACID, BENZOIC ACID DERIVATIVES AND HETEROARYL CARBOXYLIC ACID CONJUGATES OF HYDROMORPHONE, PRODRUGS, METHODS OF MAKING AND USE THEREOF**

[54] **CONJUGUES D'HYDROMORPHONE AVEC DE L'ACIDE BENZOIQUE, DES DERIVES D'ACIDE BENZOIQUE ET UN ACIDE HETEROARYLCARBOXYLIQUE, PROMEDICAMENTS, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**

[72] MICKLE, TRAVIS, US
[72] GUENTHER, SVEN, US
[72] CHI, GUOCHEN, US
[72] KANSKI, JAROSLAW, US
[72] MARTIN, ANDREA K., US
[72] BERA, BINDU, US
[71] KEMPHARM, INC., US
[85] 2014-04-09
[86] 2012-10-25 (PCT/US2012/061813)
[87] (WO2013/063204)
[30] US (61/551,600) 2011-10-26
[30] US (61/657,201) 2012-06-08

[21] **2,856,609**
[13] A1

[51] **Int.Cl. C07J 75/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF STEROL DERIVATIVES**

[54] **PROCEDE POUR LA PREPARATION DE DERIVES DE STEROL**

[72] POIROT, MARC, FR
[72] PAILLASSE, MICHAEL, FR
[72] DE MEDINA, PHILIPPE, FR
[72] POIROT, SANDRINE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] AFFICHEM, FR
[85] 2014-05-21
[86] 2012-11-23 (PCT/EP2012/073489)
[87] (WO2013/076257)
[30] EP (11306548.6) 2011-11-24

[21] **2,856,613**
[13] A1

[51] **Int.Cl. C21B 3/08 (2006.01) C21B 5/06 (2006.01) C21B 7/00 (2006.01)**

[25] EN

[54] **COLD WIND GENERATION FROM SLAG HEAT**

[54] **PRODUCTION DE VENT FROID A PARTIR DE CHALEUR DE LAITIER**

[72] SOLVI, MARC, LU
[72] SCHMIT, LOUIS, LU
[71] PAUL WURTH S.A., LU
[85] 2014-05-22
[86] 2012-12-14 (PCT/EP2012/075536)
[87] (WO2013/087838)
[30] LU (91917) 2011-12-16

[21] **2,856,614**
[13] A1

[51] **Int.Cl. E21B 21/00 (2006.01) E21B 23/00 (2006.01) E21B 41/00 (2006.01)**

[25] EN

[54] **UNEQUAL LOAD COLLET AND METHOD OF USE**

[54] **COLLECTE DE CHARGE INEGALE ET PROCEDE D'UTILISATION**

[72] INGLIS, PETER DEREK WALTER, GB
[72] MILNE, JOHN, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-21
[86] 2011-12-22 (PCT/GB2011/001762)
[87] (WO2013/093389)

[21] **2,856,615**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/39 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION COMPRISING A POLYMERIC CARRIER CARGO COMPLEX AND AT LEAST ONE PROTEIN OR PEPTIDE ANTIGEN**

[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN COMPLEXE CARGO-SUPPORT POLYMER ET AU MOINS UN ANTIGENE PROTEINIQUE OU PEPTIDIQUE**

[72] BAUMHOF, PATRICK, DE
[72] KRAMPS, THOMAS, DE
[72] VOSS, SOHNKE, DE
[72] KALLEN, KARL-JOSEF, DE
[72] FOTIN-MLECZEK, MARIOLA, DE
[71] CUREVAC GMBH, DE
[85] 2014-05-22
[86] 2013-01-31 (PCT/EP2013/000291)
[87] (WO2013/113501)
[30] EP (PCT/EP2012/000420) 2012-01-31

[21] **2,856,617**
[13] A1

[51] **Int.Cl. G01V 3/08 (2006.01) E05F 15/20 (2006.01) G01D 5/24 (2006.01)**

[25] EN

[54] **CAPACITOR SENSORS AND SYSTEM AND METHODS FOR NON-CONTACT OBJECT DETECTION**

[54] **CAPTEURS DE CONDENSATEURS ET SYSTEMES ET PROCEDES POUR UNE DETECTION SANS CONTACT D'OBJET**

[72] GRILLS, REGINALD C., CA
[72] MATKIWSKY, YARKO, CA
[72] WARREN, GARY, CA
[72] CHUN, ALLAN, CA
[72] STEANE, STEVE, CA
[72] TAHIR, WASIM, CA
[71] FLEXTRONICS AUTOMOTIVE INC., CA
[85] 2014-05-22
[86] 2012-11-22 (PCT/CA2012/050840)
[87] (WO2013/075242)
[30] US (13/302,511) 2011-11-22

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[21] **2,856,618**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/39 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **NEGATIVELY CHARGED NUCLEIC ACID COMPRISING COMPLEXES FOR IMMUNOSTIMULATION**

[54] **COMPLEXES COMPRENANT DES ACIDES NUCLEIQUES CHARGES NEGATIVEMENT DESTINES A L'IMMUNO-STIMULATION**

[72] BAUMHOF, PATRICK, DE

[71] CUREVAC GMBH, DE

[85] 2014-05-22

[86] 2013-01-31 (PCT/EP2013/000292)

[87] (WO2013/113502)

[30] EP (PCT/EP2012/000418) 2012-01-31

[21] **2,856,619**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **INTEGRIN ANTAGONIST CONJUGATES FOR TARGETED DELIVERY TO CELLS EXPRESSING ALPHA-V-BETA-3**

[54] **CONJUGUES D'ANTAGONISTE DE L'INTEGRINE POUR UNE ADMINISTRATION CIBLEE A DES CELLULES EXPRIMANT L'ALPHA-V-BETA-3**

[72] GOODNOW, ROBERT ALAN, JR., US

[72] HAMILTON, MATTHEW MICHAEL, US

[72] KOWALCZYK, AGNIESZKA, US

[72] SIDDURI, ACHYUTHARAO, US

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

[85] 2014-05-22

[86] 2013-01-22 (PCT/EP2013/051082)

[87] (WO2013/110578)

[30] US (61/591,299) 2012-01-27

[30] US (61/678,669) 2012-08-02

[21] **2,856,621**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 9/10 (2006.01)**

[25] EN

[54] **MUTANT CALLOSE SYNTHASES**

[54] **POLYPEPTIDE**

[72] VATEN, ANNE, FI

[72] DETTMER, JAN, DE

[72] MIYASHIMA, SHUNSUKE, FI

[72] YADAV, SHRI RAM, FI

[72] CAMPILHO, ANA, PT

[72] BULONE, VINCENT, SE

[72] LICHTENBERGER, RAFFAEL, FI

[72] LEHESRANTA, SATU, FI

[72] MAHONEN, ARI PEKKA, FI

[72] CARLSBECKER, ANNELIE, SE

[72] HELARIUTTA, YRJO, FI

[72] FURUTA, KAORI, FI

[71] HELSINGIN YLIOPISTO, FI

[85] 2014-05-22

[86] 2012-11-29 (PCT/FI2012/051180)

[87] (WO2013/079796)

[30] FI (20116212) 2011-12-01

[21] **2,856,622**
[13] A1

[51] **Int.Cl. B25J 15/08 (2006.01) B23Q 3/06 (2006.01)**

[25] EN

[54] **A GRIPPER HAVING A TWO DEGREE OF FREEDOM UNDERACTUATED MECHANICAL FINGER FOR ENCOMPASSING AND PINCH GRASPING**

[54] **APPAREIL DE PREHENSION COMPRENANT UN DOIGT MECANIQUE SOUS-ACTIONNE A DEUX DEGRES DE LIBERTE PERMETTANT LA PREHENSION PAR ENSERRAGE ET PAR PINCEMENT**

[72] ALLEN DEMERS, LOUIS-ALEXIS, CA

[72] LEFRANCOIS, SIMON, CA

[72] JOBIN, JEAN-PHILIPPE, CA

[71] ROBOTIQ INC., CA

[85] 2014-05-22

[86] 2012-11-23 (PCT/CA2012/050844)

[87] (WO2013/075245)

[30] US (61/563,691) 2011-11-25

[21] **2,856,625**
[13] A1

[51] **Int.Cl. F28D 9/02 (2006.01) F24F 6/00 (2006.01) F24F 12/00 (2006.01) F28F 3/08 (2006.01) F28F 9/02 (2006.01) F28F 21/00 (2006.01)**

[25] EN

[54] **COUNTER-FLOW ENERGY RECOVERY VENTILATOR (ERV) CORE**

[54] **NOYAU DE VENTILATEUR A RECUPERATION D'ENERGIE (ERV) A CONTRE-COURANT**

[72] DEAN, JAMES FRANKLIN, CA

[72] KADYLAK, DAVID ERWIN, CA

[72] HUIZING, RYAN NICHOLAS, CA

[72] BALANKO, JORDAN BENDA, CA

[72] MULLEN, CURTIS WARREN, CA

[71] DPOINT TECHNOLOGIES INC., CA

[85] 2014-05-22

[86] 2012-12-19 (PCT/CA2012/050918)

[87] (WO2013/091099)

[30] US (61/577,209) 2011-12-19

[30] CA (PCT/CA2012/000560) 2012-06-07

[21] **2,856,626**
[13] A1

[51] **Int.Cl. F16L 11/08 (2006.01) F16L 57/06 (2006.01)**

[25] EN

[54] **REINFORCED FLEXIBLE PIPE**

[54] **TUYAU FLEXIBLE RENFORCE**

[72] GUNSING, THEODORUS WILHELMUS MARIA, NL

[71] IHC HOLLAND IE B.V., NL

[85] 2014-04-17

[86] 2012-10-17 (PCT/NL2012/050722)

[87] (WO2013/058649)

[30] NL (2007637) 2011-10-21

[21] **2,856,628**
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01)**

[25] EN

[54] **DELIVERY SYSTEM FOR INJECTION THROUGH ZONE OF BODY**

[54] **SYSTEME D'ADMINISTRATION POUR L'INJECTION DANS UNE ZONE DU CORPS**

[72] STEARNS, STANLEY D., US

[72] LOY, H. MAX, JR., US

[72] DAVIS, DONALD G., US

[71] GABRIEL INSTITUTE, INC., US

[85] 2014-04-09

[86] 2012-10-18 (PCT/US2012/060818)

[87] (WO2013/074244)

[30] US (13/298,742) 2011-11-17

PCT Applications Entering the National Phase

[21] **2,856,629**
[13] A1

[51] **Int.Cl. B29C 33/30 (2006.01) B29B 7/00 (2006.01) B29C 37/00 (2006.01) B29C 45/26 (2006.01)**

[25] EN

[54] **MOLD-TOOL SYSTEM HAVING STEM-GUIDANCE ASSEMBLY FOR GUIDING MOVEMENT OF VALVE-STEM ASSEMBLY**

[54] **SYSTEME D'OUTIL DE MOULAGE COMPRENANT UN ENSEMBLE DE GUIDAGE DE TIGE PERMETTANT DE GUIDER LE MOUVEMENT D'UN ENSEMBLE TIGE DE SOUPEPE**

[72] FAVATA, DOMENICO, DE

[72] WOLF, CLAUDE FRANCOIS, FR

[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA

[85] 2014-04-10

[86] 2012-10-16 (PCT/CA2012/050726)

[87] (WO2013/067632)

[30] US (61/557,009) 2011-11-08

[21] **2,856,630**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01)**

[25] FR

[54] **METHOD FOR ELIMINATING ACID COMPOUNDS FROM A GASEOUS EFFLUENT WITH AN ABSORBENT SOLUTION MADE FROM BIS(AMINO-3-PROPYL)ETHERS OR (AMINO-2-ETHYL)-(AMINO-3-PROPYL)ETHERS**

[54] **PROCEDE D'ELIMINATION DE COMPOSES ACIDES D'UN EFFLUENT GAZEUX AVEC UNE SOLUTION ABSORBANTE A BASE DE BIS(AMINO-3-PROPYL)ETHERS OU DE (AMINO-2-ETHYL)-(AMINO-3-PROPYL)ETHERS**

[72] DELFORT, BRUNO, FR

[72] LE PENNEC, DOMINIQUE, FR

[72] PORCHERON, FABIEN, FR

[72] HUARD, THIERRY, FR

[72] GRANDJEAN, JULIEN, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2014-05-22

[86] 2012-10-18 (PCT/FR2012/000425)

[87] (WO2013/079816)

[30] FR (11/03656) 2011-11-30

[21] **2,856,632**
[13] A1

[51] **Int.Cl. B26B 19/40 (2006.01) B26B 21/44 (2006.01)**

[25] EN

[54] **REPLACEABLE FLUID DISPENSING CARTRIDGE**

[54] **CARTOUCHE DE DISTRIBUTION DE FLUIDE REMPLACABLE**

[72] XU, XIAOLAN, SG

[72] WAIN, KEVIN JAMES, GB

[71] THE GILLETTE COMPANY, US

[85] 2014-05-22

[86] 2011-12-09 (PCT/CN2011/083780)

[87] (WO2013/082814)

[21] **2,856,633**
[13] A1

[51] **Int.Cl. F04F 5/16 (2006.01) F04B 49/22 (2006.01) F04D 27/00 (2006.01) F04F 5/46 (2006.01)**

[25] EN

[54] **A FAN ASSEMBLY**

[54] **ENSEMBLE VENTILATEUR**

[72] POULTON, ROY EDWARD, GB

[72] DAVIS, ALAN HOWARD, GB

[72] HODGETTS, JOSEPH ERIC, GB

[71] DYSON TECHNOLOGY LIMITED, GB

[85] 2014-05-22

[86] 2012-11-05 (PCT/GB2012/052743)

[87] (WO2013/076454)

[30] GB (1120268.6) 2011-11-24

[21] **2,856,634**
[13] A1

[51] **Int.Cl. G06T 5/00 (2006.01)**

[25] EN

[54] **TEXTURE MASKING FOR VIDEO QUALITY MEASUREMENT**

[54] **MASQUAGE DE TEXTURE POUR LA MESURE D'UNE QUALITE VIDEO**

[72] ZHANG, FAN, CN

[72] XIE, KAI, CN

[72] JIANG, WENFEI, CN

[72] CHEN, ZHIBO, CN

[71] THOMSON LICENSING, FR

[85] 2014-05-22

[86] 2012-04-23 (PCT/CN2012/074522)

[87] (WO2013/078822)

[30] CN (PCT/CN2011/083154) 2011-11-29

[21] **2,856,636**
[13] A1

[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/34 (2006.01)**

[25] EN

[54] **SURGICAL INSTRUMENT HEAD AND ASSEMBLY INCLUDING TAB SEPARATION MEMBER**

[54] **TETE D'INSTRUMENT CHIRURGICAL ET ENSEMBLE COMPRENANT UN ELEMENT DE SEPARATION DE LANGUETTE**

[72] TAYLOR, ANDREW, GB

[72] BIRD, TIMOTHY, GB

[72] HUNT, TOBY, GB

[71] DEPUY (IRELAND), IE

[85] 2014-05-22

[86] 2012-11-21 (PCT/GB2012/052881)

[87] (WO2013/076483)

[30] GB (1120199.3) 2011-11-23

[21] **2,856,638**
[13] A1

[51] **Int.Cl. A61K 39/015 (2006.01)**

[25] EN

[54] **MALARIA VACCINE**

[54] **VACCIN CONTRE LE PALUDISME**

[72] ROWE, JANE ALEXANDRA, GB

[72] GHUMRA, ASHFAQ, GB

[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, GB

[85] 2014-05-22

[86] 2012-11-22 (PCT/GB2012/052893)

[87] (WO2013/076492)

[30] GB (1120109.2) 2011-11-22

Demandes PCT entrant en phase nationale

[21] **2,856,639**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 20/12 (2012.01)**
[25] EN
[54] **VIRTUAL MONEY BALANCE BYPASS INQUIRY METHOD, SYSTEM AND COMPUTER-READABLE STORAGE MEDIUM**
[54] **PROCEDE D'INTERROGATION DE CONTOURNEMENT DE SOLDE MONETAIRE VIRTUEL, SYSTEME ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR**
[72] DENG, JIANWEI, CN
[72] FAN, KE, CN
[72] ZHOU, JUN, CN
[72] ZHANG, DING, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-05-22
[86] 2012-11-28 (PCT/CN2012/085425)
[87] (WO2013/078990)
[30] CN (201110387492.0) 2011-11-29

[21] **2,856,640**
[13] A1

[51] **Int.Cl. B61D 35/00 (2006.01)**
[25] EN
[54] **SANITARY MODULE FOR RAIL VEHICLES**
[54] **CELLULE SANITAIRE POUR VEHICULES FERROVIAIRES**
[72] AIT-JEDDI, ABDESSAMAD, DE
[72] LINDERMUTH, WALTER, DE
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2014-05-22
[86] 2012-09-26 (PCT/EP2012/068941)
[87] (WO2013/075866)
[30] DE (102011087018.0) 2011-11-24

[21] **2,856,642**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 8/98 (2006.01) A61K 9/06 (2006.01) A61K 35/14 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2006.01) A61K 47/34 (2006.01) A61K 47/38 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **PLATELET LYSATE GEL**
[54] **GEL A BASE DE LYSAT DE PLAQUETTES**
[72] HOUZE, THOMAS AVERELL, SE
[72] EVANS, MARTIN JOHN, GB
[72] REGINALD, AJAN, GB
[72] PIEPER, INA LAURA, GB
[71] CELL THERAPY LIMITED, GB
[85] 2014-05-22
[86] 2012-11-23 (PCT/GB2012/052911)
[87] (WO2013/076507)
[30] GB (1120224.9) 2011-11-23
[30] GB (1120230.6) 2011-11-23
[30] GB (1120231.4) 2011-11-23
[30] GB (1120235.5) 2011-11-23

[21] **2,856,643**
[13] A1

[51] **Int.Cl. G02B 6/122 (2006.01) G02B 6/293 (2006.01)**
[25] EN
[54] **A SPECTROMETER**
[54] **SPECTROMETRE**
[72] SWEENEY, STEPHEN, GB
[72] ZHANG, YAPING, GB
[71] ASTRIUM LIMITED, GB
[85] 2014-05-22
[86] 2012-10-09 (PCT/EP2012/069928)
[87] (WO2013/053683)
[30] EP (11275127.6) 2011-10-14

[21] **2,856,644**
[13] A1

[51] **Int.Cl. G02B 6/293 (2006.01)**
[25] EN
[54] **DEVICE WITH QUANTUM WELL LAYER**
[54] **DISPOSITIF A COUCHE DE Puits QUANTIQUES**
[72] SWEENEY, STEPHEN, GB
[72] ZHANG, YAPING, GB
[71] ASTRIUM LIMITED, GB
[85] 2014-05-22
[86] 2012-10-09 (PCT/EP2012/069934)
[87] (WO2013/053688)
[30] EP (11275125.0) 2011-10-14

[21] **2,856,646**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 13/08 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION TREATMENT OF CANCER**
[54] **TRAITEMENT COMBINE DU CANCER**
[72] DAVIES, BARRY ROBERT, GB
[71] ASTRAZENECA AB, SE
[85] 2014-05-22
[86] 2012-11-30 (PCT/GB2012/052969)
[87] (WO2013/079964)
[30] US (61/564,975) 2011-11-30

[21] **2,856,647**
[13] A1

[51] **Int.Cl. G02B 6/293 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **SUPPRESSION OF BACK REFLECTION IN A WAVEGUIDE**
[54] **SUPPRESSION DE RETOUR REFLECHI DANS UN GUIDE D'ONDE**
[72] SWEENEY, STEPHEN, GB
[72] ZHANG, YAPING, GB
[71] ASTRIUM LIMITED, GB
[85] 2014-05-22
[86] 2012-10-09 (PCT/EP2012/069956)
[87] (WO2013/053699)
[30] EP (11275128.4) 2011-10-14

[21] **2,856,650**
[13] A1

[51] **Int.Cl. G02B 6/122 (2006.01) G02B 6/293 (2006.01)**
[25] EN
[54] **RESONATOR WITH REDUCED LOSSES**
[54] **RESONATEUR AYANT DES PERTES REDUITES**
[72] SWEENEY, STEPHEN, GB
[72] ZHANG, YAPING, GB
[71] ASTRIUM LIMITED, GB
[85] 2014-05-22
[86] 2012-10-09 (PCT/EP2012/069957)
[87] (WO2013/053700)
[30] EP (11275126.8) 2011-10-14

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[21] **2,856,651**
[13] A1

[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **SUPPORT FOR WATER TURBINE**
[54] **SUPPORT POUR TURBINE HYDRAULIQUE**
[72] TODMAN, MICHAEL TORR, GB
[72] ARMSTRONG, JOHN RICHARD CAREW, GB
[71] TIDALSTREAM LIMITED, GB
[85] 2014-05-22
[86] 2012-12-06 (PCT/GB2012/053026)
[87] (WO2013/083976)
[30] GB (1121179.4) 2011-12-09

[21] **2,856,652**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DATA FILING SYSTEMS**
[54] **PROCEDE ET SYSTEME POUR SYSTEMES D'ARCHIVAGE DE DONNEES**
[72] SABAN, DAVID-OLIVIER, FR
[72] BECKER, MURIEL, FR
[72] D'ORSO, JULIEN, FR
[72] BASSILANA, THIERRY, FR
[71] AMADEUS S.A.S., FR
[85] 2014-05-22
[86] 2012-10-12 (PCT/EP2012/070316)
[87] (WO2013/091925)
[30] EP (11306750.8) 2011-12-22

[21] **2,856,653**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **AN IMPROVED METHOD AND SYSTEM FOR SEARCHING FOR AND/OR PURCHASING PRODUCTS OR SERVICES**
[54] **PROCEDE ET SYSTEME AMELIORES POUR RECHERCHER ET/OU ACHETER DES PRODUITS OU DES SERVICES**
[72] DUFRESNE, THIERRY, FR
[72] DOURTHE, CEDRIC, FR
[72] AMADIEU, OLIVIER, FR
[72] PIAT, BENJAMIN, FR
[71] AMADEUS S.A.S., FR
[85] 2014-05-22
[86] 2012-10-12 (PCT/EP2012/070323)
[87] (WO2013/097959)
[30] EP (11306801.9) 2011-12-28

[21] **2,856,654**
[13] A1

[51] **Int.Cl. C07D 307/52 (2006.01) A61K 31/4178 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 25/08 (2006.01) A61P 25/18 (2006.01) A61P 27/16 (2006.01) A61P 43/00 (2006.01) C07D 307/79 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **HYDANTOIN DERIVATIVES USEFUL AS KV3 INHIBITORS**
[54] **DERIVES D'HYDANTOINE UTILES COMME INHIBITEURS DE KV3**
[72] ALVARO, GIUSEPPE, IT
[72] MARASCO, AGOSTINO, IT
[71] AUTIFONY THERAPEUTICS LIMITED, GB
[85] 2014-05-22
[86] 2012-12-06 (PCT/GB2012/053045)
[87] (WO2013/083994)
[30] GB (PCT/GB2011/052414) 2011-12-06

[21] **2,856,656**
[13] A1

[51] **Int.Cl. C07K 16/36 (2006.01)**
[25] EN
[54] **THROMBIN-BINDING ANTIBODY MOLECULES AND USES THEREOF**
[54] **MOLECULES D'ANTICORPS SE LIANT A LA THROMBINE ET LEURS UTILISATIONS**
[72] HUNTINGTON, JAMES ANDREW, GB
[72] BAGLIN, TREVOR, GB
[72] LANGDOWN, JONATHAN, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[85] 2014-05-22
[86] 2012-12-14 (PCT/GB2012/053140)
[87] (WO2013/088164)
[30] GB (1121513.4) 2011-12-14

[21] **2,856,658**
[13] A1

[51] **Int.Cl. H04L 12/18 (2006.01) H04L 12/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COLLABORATIVE REMOTE APPLICATION SHARING AND CONFERENCING**
[54] **PROCEDES ET SYSTEMES DE CONFERENCE ET DE PARTAGE D'APPLICATIONS A DISTANCE COLLABORATIFS**
[72] THOMAS, MONROE MILAS, CA
[72] STEPHURE, MATTHEW JAMES, CA
[72] LEITCH, SAM ANTHONY, CA
[72] PIGAT, DANIEL ANGELO, CA
[71] CALGARY SCIENTIFIC INC., CA
[85] 2014-05-22
[86] 2012-11-20 (PCT/IB2012/002417)
[87] (WO2013/076554)
[30] US (61/563,256) 2011-11-23
[30] US (61/623,131) 2012-04-12

[21] **2,856,661**
[13] A1

[51] **Int.Cl. H02K 53/00 (2006.01)**
[25] EN
[54] **MAGNETIC POWER GENERATION**
[54] **GENERATION DE PUISSANCE MAGNETIQUE**
[72] KOLCHEH, YAACOV, IL
[71] KOLCHEH, YAACOV, IL
[85] 2014-05-22
[86] 2011-12-01 (PCT/IL2011/000918)
[87] (WO2013/080194)

[21] **2,856,663**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **METHOD FOR THE DETECTION OF NUCLEIC ACID SYNTHESIS AND/OR AMPLIFICATION**
[54] **PROCEDE POUR LA DETECTION DE LA SYNTHESE ET/OU L'AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] TURBA, MARIA ELENA, IT
[72] ZAMBON, ELISA, IT
[71] GENEFAST S.R.L., IT
[85] 2014-05-22
[86] 2012-11-29 (PCT/IB2012/056825)
[87] (WO2013/080154)
[30] IT (MI2011A002177) 2011-11-29

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[21] **2,856,664**
[13] A1

[51] **Int.Cl. G01N 15/14 (2006.01) G01N 15/02 (2006.01) G01N 21/00 (2006.01)**

[25] EN

[54] **DETECTION SCHEME FOR PARTICLE SIZE AND CONCENTRATION MEASUREMENT**

[54] **SYSTEME DE DETECTION POUR LA MESURE DE LA TAILLE ET DE LA CONCENTRATION DE PARTICULES**

[72] SHAMIR, JOSEPH, IL

[71] P.M.L. - PARTICLES MONITORING TECHNOLOGIES LTD., IL

[85] 2014-05-22

[86] 2012-11-29 (PCT/IL2012/050488)

[87] (WO2013/080209)

[30] US (61/565,529) 2011-12-01

[21] **2,856,665**
[13] A1

[51] **Int.Cl. C07C 233/73 (2006.01) A61K 31/165 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **ISOLATED STEREOISOMERIC FORMS OF (S)2-N(3-O-(PROPAN 2-OL)-1-PROPYL-4-HYDROXYBENZENE)-3-PHENYLPROPYLAMIDE**

[54] **FORMES STEREO-ISOMERIQUES ISOLEES DE (S)2-N(3-0-(PROPAN 2-OL)-1-PROPYL-4-HYDROXYBENZENE)-3-PHENYLPROPYLAMIDE**

[72] KAPLAN, ELIAHU, IL

[71] NOVAREMED LTD., IL

[85] 2014-05-22

[86] 2012-12-06 (PCT/IL2012/050512)

[87] (WO2013/084238)

[30] US (61/568,219) 2011-12-08

[21] **2,856,666**
[13] A1

[51] **Int.Cl. C07C 231/16 (2006.01) C07C 233/05 (2006.01)**

[25] EN

[54] **NOVEL PROCESS FOR RACEMIZATION OF AN OPTICALLY ACTIVE (S)-3-CARBAMOYLMETHYL-5-METHYL-HEXANOIC ACID TO CORRESPONDING 3-CARBAMOYLMETHYL-5-METHYL-HEXANOIC ACID RACEMATE**

[54] **NOUVEAU PROCEDE DE RACEMISATION D'UN ACIDE (S)-3-CARBAMOYLMETHYL-5-METHYL-HEXANOIQUE OPTIQUEMENT ACTIF EN RACEMATE CORRESPONDANT D'ACIDE 3-CARBAMOYLMETHYL-5-METHYL-HEXANOIQUE**

[72] BHATT, NIKHIL SHASHIKANT, IN

[72] TRIVEDI, AMIT YAGNESHKUMAR, IN

[72] GANDHI, DIPAK JAYANTILAL, IN

[72] KACHHADIA, BHIKHULAL MOHANBHAI, IN

[72] SHAH, VIJAY BASANTILAL, IN

[72] FINAVIYA, YOGESH DHIRUBHAI, IN

[71] LUPIN LIMITED, IN

[85] 2014-05-22

[86] 2012-11-16 (PCT/IB2012/056474)

[87] (WO2013/076630)

[30] IN (1493/KOL/2011) 2011-11-24

[21] **2,856,667**
[13] A1

[51] **Int.Cl. B03D 1/14 (2006.01) B01D 19/00 (2006.01) B01D 21/00 (2006.01) B04C 11/00 (2006.01) C02F 1/20 (2006.01)**

[25] EN

[54] **DEAERATION APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE DESAERATION**

[72] ARBUTHNOT, IAN, AU

[72] HEATH, ALEX, AU

[71] OUTOTEC OYJ, FI

[85] 2014-05-22

[86] 2012-12-07 (PCT/IB2012/057051)

[87] (WO2013/024468)

[30] AU (2011905131) 2011-12-09

[21] **2,856,668**
[13] A1

[51] **Int.Cl. B60L 1/00 (2006.01)**

[25] EN

[54] **AUXILIARY POWER SOURCE DEVICE FOR VEHICLE**

[54] **DISPOSITIF DE SOURCE D'ALIMENTATION AUXILIAIRE POUR VEHICULE**

[72] HARADA, RYOTARO, JP

[72] TANAKA, TAKESHI, JP

[71] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2014-05-22

[86] 2011-11-24 (PCT/JP2011/077086)

[87] (WO2013/076852)

[21] **2,856,669**
[13] A1

[51] **Int.Cl. B60R 3/00 (2006.01) B62D 25/22 (2006.01) F16B 1/00 (2006.01)**

[25] EN

[54] **RUNNING BOARD BRACKET**

[54] **SUPPORT DE MARCHEPIED**

[72] IORGOVAN, PETER, CA

[71] SALFLEX POLYMERS LTD., CA

[85] 2014-05-14

[86] 2012-11-14 (PCT/CA2012/001047)

[87] (WO2013/071407)

[30] US (61/560,372) 2011-11-16

[21] **2,856,670**
[13] A1

[51] **Int.Cl. H02M 7/48 (2007.01) B60L 1/00 (2006.01) B60L 3/00 (2006.01)**

[25] EN

[54] **VEHICLE AUXILIARY POWER SUPPLY DEVICE AND OVERCURRENT PROTECTION METHOD THEREOF**

[54] **DISPOSITIF SOURCE D'ALIMENTATION AUXILIAIRE POUR VEHICULE ET PROCEDE DE PROTECTION CONTRE LES SURINTENSITES**

[72] ACHIHARA, MASATO, JP

[72] HARADA, RYOTARO, JP

[71] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2014-05-22

[86] 2011-11-28 (PCT/JP2011/077393)

[87] (WO2013/080279)

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[21] **2,856,671**
[13] A1

[51] **Int.Cl. B62D 7/00 (2006.01)**
[25] EN
[54] **YARD MAINTENANCE VEHICLE WITH CABLE STEERING ASSEMBLY**
[54] **VEHICULE D'ENTRETIEN DE JARDIN A ENSEMBLE DE DIRECTION PAR CABLE**
[72] BURNS, DUNCAN, US
[71] HUSQVARNA AB, SE
[85] 2014-05-22
[86] 2011-11-22 (PCT/US2011/061793)
[87] (WO2013/077852)

[21] **2,856,672**
[13] A1

[51] **Int.Cl. A61L 15/16 (2006.01) A61K 31/734 (2006.01) A61K 45/00 (2006.01) A61K 47/04 (2006.01) A61K 47/12 (2006.01) A61K 47/22 (2006.01) A61K 47/34 (2006.01) A61L 27/00 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION USEFUL FOR PREVENTION OF ADHESION OR FOR HEMOSTASIS**
[54] **COMPOSITION PHARMACEUTIQUE UTILE POUR EMPECHER LES ADHERENCES OU POUR L'HEMOSTASE**
[72] FUKUDA, TATSURU, JP
[72] TAMURA, HIROFUMI, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2014-05-22
[86] 2012-11-22 (PCT/JP2012/080339)
[87] (WO2013/077414)
[30] JP (2011-258268) 2011-11-25

[21] **2,856,673**
[13] A1

[51] **Int.Cl. A61K 31/192 (2006.01) A61K 9/48 (2006.01) A61K 31/19 (2006.01) A61K 31/60 (2006.01) A61K 31/616 (2006.01) A61P 13/00 (2006.01) A61P 13/02 (2006.01)**
[25] EN
[54] **DELAYED-RELEASE FORMULATION FOR REDUCING THE FREQUENCY OF URINATION AND METHOD OF USE THEREOF**
[54] **FORMULATION A LIBERATION RETARDEE POUR REDUIRE LA FREQUENCE DE MICTION ET SON PROCEDE D'UTILISATION**
[72] DILL, DAVID A., US
[71] WELLESLEY PHARMACEUTICALS, LLC, US
[85] 2014-05-22
[86] 2012-08-22 (PCT/US2012/051859)
[87] (WO2013/103389)
[30] US (13/343,349) 2012-01-04
[30] US (13/423,949) 2012-03-19
[30] US (13/487,343) 2012-06-04

[21] **2,856,674**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **METHOD OF PRE-FETCHING MAP DATA FOR RENDERING AND OFFLINE ROUTING**
[54] **PROCEDE DE PRE-EXTRACTION DE DONNEES DE CARTE POUR UNE RESTITUTION ET UN ETABLISSEMENT D'ITINERAIRE HORS LIGNE**
[72] KALAI, ILJYA, CH
[72] SILISKI, MICHAEL, US
[72] MORRISON, JERRY, US
[72] ITO, KEITH, US
[72] MILLER, ANDREW T., US
[71] GOOGLE INC., US
[85] 2014-05-22
[86] 2012-08-20 (PCT/US2012/051574)
[87] (WO2013/089836)
[30] US (61/569,634) 2011-12-12
[30] US (13/546,134) 2012-07-11

[21] **2,856,676**
[13] A1

[51] **Int.Cl. C12N 15/56 (2006.01) A21D 8/04 (2006.01) A23K 1/165 (2006.01) C11D 3/386 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 9/24 (2006.01) C12P 19/14 (2006.01) D06L 3/11 (2006.01)**
[25] EN
[54] **MUTANT XYLANASE, MANUFACTURING METHOD AND USE THEREFOR, AND METHOD FOR MANUFACTURING SACCHARIFIED LIGNOCELLULOSE**
[54] **XYLANASE MUTANTE, PROCEDE DE FABRICATION ET UTILISATION DE CELLE-CI, ET PROCEDE DE FABRICATION DE LIGNOCELLULOSE SACCHARIFIEE**
[72] YANAI, HISAAKI, JP
[72] TAMAI, HIROKI, JP
[72] OSABE, MASAMI, JP
[72] YOKOYAMA, FUMIKAZU, JP
[72] OKAKURA, KAORU, JP
[72] INOUE, ATSUSHI, JP
[71] MITSUI CHEMICALS, INC., JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2014-05-22
[86] 2012-11-22 (PCT/JP2012/080387)
[87] (WO2013/077432)
[30] JP (2011-257389) 2011-11-25
[30] JP (2012-099096) 2012-04-24

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[21] **2,856,677**
[13] A1

[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/19 (2006.01) A61K 31/60 (2006.01) A61K 31/616 (2006.01) A61P 13/00 (2006.01) A61P 13/02 (2006.01)**

[25] EN

[54] **EXTENDED-RELEASE FORMULATION FOR REDUCING THE FREQUENCY OF URINATION AND METHOD OF USE THEREOF**

[54] **FORMULATION A LIBERATION PROLONGEE POUR REDUIRE LA FREQUENCE DE MICTION ET SON PROCEDE D'UTILISATION**

[72] DILL, DAVID A., US

[71] WELLESLEY PHARMACEUTICALS, LLC, US

[85] 2014-05-22

[86] 2012-08-22 (PCT/US2012/051888)

[87] (WO2013/103390)

[30] US (13/343,332) 2012-01-04

[30] US (13/424,000) 2012-03-19

[30] US (13/487,348) 2012-06-04

[21] **2,856,679**
[13] A1

[51] **Int.Cl. B21D 37/16 (2006.01) B21D 22/20 (2006.01) C21D 1/673 (2006.01)**

[25] EN

[54] **METHOD AND FORMING TOOL FOR HOT FORMING AND PRESS HARDENING WORKPIECES OF SHEET STEEL, IN PARTICULAR GALVANIZED WORKPIECES OF SHEET STEEL**

[54] **PROCEDE ET OUTIL DE FORMAGE A CHAUD ET DE TREMPÉ SOUS PRESSE DE PIÈCES EN TOLE D'ACIER, EN PARTICULIER DE PIÈCES EN TOLE D'ACIER GALVANISÉE**

[72] BANIK, JANKO, DE

[72] SIKORA, SASCHA, DE

[72] KOYER, MARIA, DE

[72] STRUPPEK, THOMAS, DE

[71] THYSSENKRUPP STEEL EUROPE AG, DE

[85] 2014-05-22

[86] 2012-10-16 (PCT/EP2012/070445)

[87] (WO2013/075888)

[30] DE (10 2011 055 643.5) 2011-11-23

[21] **2,856,680**
[13] A1

[51] **Int.Cl. A61K 31/7032 (2006.01) A61P 27/02 (2006.01) C07H 15/04 (2006.01)**

[25] EN

[54] **PROTECTIVE AGENT FOR KERATOCONJUNCTIVA OR SUPPRESSIVE AGENT FOR KERATOCONJUNCTIVAL DISORDER**

[54] **AGENT DE PROTECTION KERATOCONJONCTIVAL, OU AGENT INHIBANT LES AFFECTIONS KERATOCONJONCTIVALES**

[72] AIZAWA, KYO, JP

[72] IIDA, YOSHIHISA, JP

[72] SHIMOIDA, TAKASHI, JP

[72] KOTANI, YASUHIRO, JP

[72] IWATA, KOUSHI, JP

[72] DOI, KAZUHISA, JP

[71] TOYO SUGAR REFINING CO., LTD., JP

[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP

[85] 2014-05-22

[86] 2012-11-22 (PCT/JP2012/080391)

[87] (WO2013/077433)

[30] JP (2011-256516) 2011-11-24

[21] **2,856,682**
[13] A1

[51] **Int.Cl. C07C 213/02 (2006.01) C07C 213/08 (2006.01)**

[25] FR

[54] **IMPROVED METHOD FOR SYNTHESISING BIS[3-(N,N-DIALKYLAMINO)PROPYL]ETHERS**

[54] **PROCEDE AMELIORE DE SYNTHÈSE DE BIS[3-(N,N-DIALKYLAMINO)PROPYL]ETHERS**

[72] DELFORT, BRUNO, FR

[72] LE PENNEC, DOMINIQUE, FR

[72] GRANDJEAN, JULIEN, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2014-05-22

[86] 2012-10-18 (PCT/FR2012/000424)

[87] (WO2013/079815)

[30] FR (11/03655) 2011-11-30

[21] **2,856,684**
[13] A1

[51] **Int.Cl. C10L 1/14 (2006.01) C08F 8/30 (2006.01) C08F 8/32 (2006.01) C08K 5/17 (2006.01) C08L 23/36 (2006.01)**

[25] EN

[54] **AMINE MIXTURE**

[54] **MELANGE D'AMINES**

[72] SCHWAHN, HARALD, DE

[72] WALTER, MARC, DE

[71] BASF SE, DE

[85] 2014-05-22

[86] 2012-11-13 (PCT/EP2012/072498)

[87] (WO2013/075978)

[30] EP (11190333.2) 2011-11-23

[21] **2,856,685**
[13] A1

[51] **Int.Cl. A61M 25/02 (2006.01) A61F 13/02 (2006.01)**

[25] EN

[54] **CATHETER SECUREMENT DEVICES**

[54] **DISPOSITIFS DE FIXATION DE CATHETER**

[72] HYMAN, DANIEL, US

[72] NODA, WAYNE A., US

[72] BELL, STEPHEN G., US

[71] INSIGHTRA MEDICAL INCORPORATED, US

[85] 2014-05-14

[86] 2012-12-17 (PCT/US2012/070120)

[87] (WO2013/090903)

[30] US (61/576,483) 2011-12-16

[30] US (61/588,515) 2012-01-19

[30] US (61/652,589) 2012-05-29

[21] **2,856,689**
[13] A1

[51] **Int.Cl. E21B 31/08 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR REMOVING DEBRIS FROM A WELL**

[54] **APPAREIL ET PROCEDE POUR RETIRER DES DEBRIS A PARTIR D'UN Puits**

[72] BRITTON, MARK S., US

[72] HAMILTON, RAYMOND C., US

[71] THRU TUBING SOLUTIONS, INC., US

[85] 2014-05-22

[86] 2012-10-18 (PCT/US2012/060717)

[87] (WO2013/101333)

[30] US (13/337,994) 2011-12-27

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[21] **2,856,690**
[13] A1

[51] **Int.Cl. B23K 26/36 (2014.01)**
[25] EN
[54] **SYSTEM CONFIGURED FOR REMOVING A COATING FROM A SUBSTRATE USING ELECTROMAGNETIC RADIATION**
[54] **SYSTEME CONFIGURE POUR ELIMINER UN REVETEMENT D'UN SUBSTRAT A L'AIDE D'UN RAYONNEMENT ELECTROMAGNETIQUE**
[72] SPRENTALL, DONALD E., US
[72] JEFFERIES, KEITH A., US
[71] AMERICAN LASER ENTERPRISES, LLC, US
[85] 2014-05-22
[86] 2012-10-22 (PCT/US2012/061297)
[87] (WO2013/059779)
[30] US (61/549,818) 2011-10-21

[21] **2,856,691**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) C07C 41/09 (2006.01) C07C 43/04 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **SYSTEM OR METHOD FOR PRODUCING GASOLINE OR DIMETHYL ETHER**
[54] **SYSTEME OU PROCEDE DE FABRICATION D'ESSENCE OU D'ETHER DIMETHYLIQUE**
[72] IJIMA, MASAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-05-22
[86] 2012-11-26 (PCT/JP2012/080435)
[87] (WO2013/080906)
[30] JP (2011-261759) 2011-11-30

[21] **2,856,692**
[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/00 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **IMATINIB SOLID DOSAGE FORMS RECONSTITUTED JUST BEFORE USE**
[54] **FORMES POSOLOGIQUES SOLIDES A BASE D'IMATINIB RECONSTITUEES JUSTE AVANT L'UTILISATION**
[72] PISAK, MEHMET NEVZAT, TR
[71] IMUNEKS FARMA ILAC SANAYI VE TICARET A.S., TR
[85] 2014-05-22
[86] 2011-11-30 (PCT/TR2011/000268)
[87] (WO2013/077815)
[30] TR (2011/11621) 2011-11-24

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[51] **Int.Cl. H05K 7/20 (2006.01)**
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[54] **DATA CENTER COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT D'UN CENTRE DE TRAITEMENT DE DONNEES**
[72] LEVESQUE, PIERRE, CA
[71] LE GROUPE S.M. INC., CA
[85] 2014-05-22
[86] 2011-11-22 (PCT/US2011/061870)
[87] (WO2013/077858)

[21] **2,856,696**
[13] A1

[51] **Int.Cl. A61K 31/7004 (2006.01) A61K 31/522 (2006.01) A61P 31/22 (2006.01)**
[25] EN
[54] **ANTIVIRAL FORMULATIONS**
[54] **PREPARATIONS ANTIVIRALES**
[72] BROWN, DARBY C., US
[72] BROWN, KRISTEN A., US
[71] 3B PHARMACEUTICALS, INC., US
[85] 2014-05-22
[86] 2011-11-23 (PCT/US2011/062111)
[87] (WO2013/077881)

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[13] A1

[51] **Int.Cl. A61K 39/245 (2006.01) A61P 31/22 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **VACCINES AGAINST HERPES SIMPLEX VIRUS TYPE 2: COMPOSITIONS AND METHODS FOR ELICITING AN IMMUNE RESPONSE**
[54] **VACCINS CONTRE LE VIRUS DE TYPE 2 DE L'HERPES SIMPLEX: COMPOSITIONS ET PROCEDES POUR LA STIMULATION D'UNE REPOSE IMMUNITAIRE**
[72] LONG, DEBORAH, US
[72] FLECHTNER, JESSICA, US
[72] SKOBERNE, MOJCA, US
[71] GENOCEA BIOSCIENCES, INC., US
[85] 2014-05-22
[86] 2011-11-23 (PCT/US2011/062120)
[87] (WO2012/074881)
[30] US (61/417,089) 2010-11-24

[21] **2,856,698**
[13] A1

[51] **Int.Cl. A61M 25/02 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **CATHETER SECUREMENT DEVICES**
[54] **DISPOSITIFS DE FIXATION DE CATHETER**
[72] HYMAN, DANIEL, US
[72] NODA, WAYNE A., US
[72] BELL, STEPHEN G., US
[71] INSIGHTRA MEDICAL INCORPORATED, US
[85] 2014-05-14
[86] 2013-01-18 (PCT/US2013/022070)
[87] (WO2013/109835)
[30] US (61/588,515) 2012-01-19
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[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61Q 11/00 (2006.01) A61Q 17/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITION COMPRISING ISOBUTYL MAGNOLOL**

[54] **COMPOSITION DE SOIN ORAL COMPRENANT DE L'ISOBUTYL MAGNOLOL**

[72] FEI, LIN, US

[72] JARACZ, STANISLAV, US

[72] YANG, YING, US

[72] XU, GUOFENG, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2014-05-22

[86] 2011-12-02 (PCT/US2011/063028)

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[21] **2,856,700**
[13] A1

[51] **Int.Cl. H02G 3/06 (2006.01) H02G 3/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MOUNTING BLOWN FIBER TUBES TO A HOUSING**

[54] **SYSTEME ET PROCEDE POUR MONTER DES TUBES EN FIBRES SOUFFLEES SUR UN LOGEMENT**

[72] CLAESSENS, BART MATTIE, BE

[72] KEMPENEERS, DIRK, BE

[72] FOULON, WOUTER, BE

[72] WELLENS, VINCE, BE

[71] TYCO ELECTRONICS RAYCHEM BVBA, BE

[85] 2014-05-22

[86] 2012-11-20 (PCT/EP2012/073054)

[87] (WO2013/076054)

[30] US (61/562,783) 2011-11-22

[30] US (61/651,685) 2012-05-25

[30] US (61/669,506) 2012-07-09

[21] **2,856,701**
[13] A1

[51] **Int.Cl. A61K 31/4458 (2006.01) A61P 25/00 (2006.01) C07D 211/22 (2006.01)**

[25] FR

[54] **PHACETOPERANE FOR THE TREATMENT OF ATTENTION-DEFICIT HYPERACTIVITY DISORDER**

[54] **PHACETOPERANE POUR TRAITER UN TROUBLE DEFICIT DE L'ATTENTION HYPERACTIVITE**

[72] KONOFAL, ERIC, FR

[72] FIGADERE, BRUNO, FR

[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR

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[86] 2012-11-29 (PCT/FR2012/052749)

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[30] FR (1160902) 2011-11-29

[21] **2,856,702**
[13] A1

[51] **Int.Cl. F01D 11/12 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01)**

[25] FR

[54] **UNLOCKABLE DEVICE FOR AXIALLY ARRESTING A SEALING RING WITH WHICH AN AIRCRAFT TURBOMACHINE MODULE ROTOR WHEEL MAKES CONTACT**

[54] **DISPOSITIF DEVERROUILLABLE D'ARRET AXIAL D'UNE COURONNE D'ETANCHEITE CONTACTEE PAR UNE ROUE MOBILE DE MODULE DE TURBOMACHINE D'AERONEF**

[72] BELMONTE, OLIVIER, FR

[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR

[71] SNECMA, FR

[85] 2014-05-22

[86] 2012-12-04 (PCT/FR2012/052788)

[87] (WO2013/083905)

[30] FR (11 61233) 2011-12-06

[21] **2,856,703**
[13] A1

[51] **Int.Cl. C07C 251/44 (2006.01) A61K 31/045 (2006.01) A61K 31/12 (2006.01) A61K 31/16 (2006.01) A61K 31/19 (2006.01) A61K 31/4035 (2006.01) A61P 27/02 (2006.01) C07C 35/32 (2006.01) C07C 43/188 (2006.01) C07C 49/633 (2006.01)**

[25] EN

[54] **OPIN-BINDING LIGANDS, COMPOSITIONS AND METHODS OF USE**

[54] **LIGANDS DE LIAISON A UNE OPSINE, COMPOSITIONS ET PROCEDES D'UTILISATION**

[72] GARVEY, DAVID S., US

[72] LAROSA, GREGORY J., US

[72] GREENWOOD, JEREMY R., US

[72] FRYE, LEAH L., US

[72] QUACH, TAN, CA

[72] COTE, JAMIE B., CA

[72] BERMAN, JUDD, CA

[71] BIKAM PHARMACEUTICALS, INC., US

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[30] US (61/627,855) 2011-10-19

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[30] US (61/564,401) 2011-11-29

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[13] A1

[51] **Int.Cl. B23K 11/00 (2006.01) B21D 22/02 (2006.01) B21D 22/20 (2006.01) B21D 24/16 (2006.01) B21D 37/16 (2006.01) B23K 11/087 (2006.01) B23K 11/16 (2006.01) B23K 11/31 (2006.01) B32B 15/04 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A COMPOSITE SHEET METAL PART HAVING A METALLIC REGION**

[54] **PROCEDE DE FABRICATION D'UNE PIECE EN TOLE COMPOSITE COMPORTANT UNE ZONE METALLIQUE ET OUTIL DE FORMAGE CORRESPONDANT**

[72] CHERGUI, AZEDDINE, DE

[71] THYSSENKRUPP STEEL EUROPE AG, DE

[85] 2014-05-22

[86] 2012-11-21 (PCT/EP2012/073178)

[87] (WO2013/076117)

[30] DE (10 2011 055 654.0) 2011-11-23

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[21] **2,856,705**
[13] A1

[51] **Int.Cl. B60Q 1/26 (2006.01) B32B 17/10 (2006.01) B60J 1/00 (2006.01) B60J 10/02 (2006.01) B60Q 3/02 (2006.01) E06B 7/00 (2006.01) F21V 29/00 (2006.01)**

[25] FR

[54] **LIGHT-UP WINDOW FOR A VEHICLE**

[54] **VITRAGE ECLAIRANT POUR VEHICULE**

[72] VERRAT-DEBAILLEUL, ADELE, FR

[72] BAUERLE, PASCAL, FR

[72] LAURENCOT, LAETICIA, FR

[72] KLEO, CHRISTOPHE, FR

[71] SAINT-GOBAIN GLASS FRANCE, FR

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[86] 2012-12-12 (PCT/FR2012/052900)

[87] (WO2013/093301)

[30] FR (1161885) 2011-12-19

[21] **2,856,706**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/506 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SUBSTITUTED 5-FLUORO-1H-PYRAZOLOPYRIDINES**

[54] **PROCEDE DE PRODUCTION DE 5-FLUORO-1H-PYRAZOLOPYRIDINES SUBSTITUEES**

[72] FEY, PETER, DE

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2014-05-22

[86] 2012-11-21 (PCT/EP2012/073276)

[87] (WO2013/076168)

[30] EP (11190789.5) 2011-11-25

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[21] **2,856,707**
[13] A1

[51] **Int.Cl. G01V 15/00 (2006.01)**

[25] FR

[54] **DEVICE FOR DETECTING AND/OR MONITORING OPTICALLY INVISIBLE OBJECTS**

[54] **DISPOSITIF DE DETECTION ET/OU DE SURVEILLANCE D'OBJETS OPTIQUEMENT INVISIBLES**

[72] SAAD, MOUNIR, FR

[72] ARNAUD, DANIEL, FR

[71] SOCIETE PLYMOUTH FRANCAISE, FR

[85] 2014-05-22

[86] 2012-12-14 (PCT/FR2012/052945)

[87] (WO2013/088092)

[30] FR (1161613) 2011-12-14

[21] **2,856,708**
[13] A1

[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **ANTIBACTERIAL TYLOSIN DERIVATIVES AND METHODS FOR THEIR PREPARATION**

[54] **DERIVES ANTIBACTERIENS DE TYLOSINE ET LEURS PROCEDES DE PREPARATION**

[72] SATOSHI, OMURA, JP

[72] TOSHIAKI, SUNAZUKA, JP

[72] TOMOYASU, HIROSE, JP

[72] AKIHIRO, SUGAWARA, JP

[72] KAZURO, SHIOMI, JP

[72] KLEEFELD, GERD, DE

[72] FROYMAN, ROBRECHT, BE

[72] DORNER, JULIA CHARLOTTE, DE

[72] LUDWIG, CAROLIN, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[71] THE KITASAKO INSTITUTE, JP

[85] 2014-05-22

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[87] (WO2013/076169)

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[21] **2,856,709**
[13] A1

[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/13 (2010.01) H01M 10/052 (2010.01) H01M 10/0566 (2010.01) H01M 4/36 (2006.01)**

[25] EN

[54] **METHODS AND ENERGY STORAGE DEVICES UTILIZING ELECTROLYTES HAVING SURFACE-SMOOTHING ADDITIVES**

[54] **PROCEDES ET DISPOSITIFS D'ACCUMULATION D'ENERGIE UTILISANT DES ELECTROLYTES COMPRENANT DES ADDITIFS DE LISSAGE DE SURFACE**

[72] XU, WU, US

[72] ZHANG, JIGUANG, US

[72] GRAFF, GORDON, US

[72] CHEN, XILIN, US

[72] DING, FEI, CN

[71] BATTELLE MEMORIAL INSTITUTE, US

[85] 2014-05-22

[86] 2012-08-20 (PCT/US2012/051536)

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[30] US (13/367,508) 2012-02-07

[30] US (13/495,745) 2012-06-13

[21] **2,856,710**
[13] A1

[51] **Int.Cl. C09J 153/00 (2006.01) C09J 7/02 (2006.01) C09J 7/04 (2006.01) C09J 153/02 (2006.01) C09J 193/00 (2006.01)**

[25] EN

[54] **PSA CONTAINING OLEFIN BLOCK COPOLYMERS AND STYRENE BLOCK COPOLYMERS**

[54] **PSA CONTENANT DES COPOLYMERES BLOCS OLEFINIQUES ET DES COPOLYMERES BLOCS STYRENIQUES**

[72] PURKNER, ECKHARD, DE

[72] SEILER, ANNIE, FR

[71] HENKEL AG & CO. KGAA, DE

[85] 2014-05-22

[86] 2012-11-22 (PCT/EP2012/073293)

[87] (WO2013/076175)

[30] DE (10 2011 086 845.3) 2011-11-22

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[21] **2,856,711**
[13] A1

[51] **Int.Cl. C07D 263/32 (2006.01) A01N 43/76 (2006.01) A01N 43/78 (2006.01) C07D 277/24 (2006.01)**

[25] EN

[54] **NOVEL HETEROCYCLIC ALKANOL-DERIVATIVES**

[54] **NOUVEAUX DERIVES D'ALCANOL HETEROCYCLIQUES**

[72] HOFFMANN, SEBASTIAN, DE

[72] HELMKE, HENDRIK, DE

[72] PERIS, GORKA, DE

[72] NISING, CARL FRIEDRICH, DE

[72] TSUCHIYA, TOMOKI, FR

[72] SUDAU, ALEXANDER, DE

[72] BENTING, JURGEN, DE

[72] BERNIER, DAVID, FR

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2014-05-22

[86] 2012-11-23 (PCT/EP2012/073426)

[87] (WO2013/076227)

[30] EP (11190684.8) 2011-11-25

[21] **2,856,712**
[13] A1

[51] **Int.Cl. A47F 1/00 (2006.01) A47F 1/08 (2006.01)**

[25] EN

[54] **PRODUCT DISPLAY AND LOADING SYSTEM**

[54] **SYSTEME DE CHARGEMENT ET DE PRESENTATION DE PRODUITS**

[72] LOFTIN, CALEB S., US

[72] ZACHERLE, MATTHEW E., US

[71] MEADWESTVACO CORPORATION, US

[85] 2014-05-22

[86] 2012-11-27 (PCT/US2012/066578)

[87] (WO2013/081988)

[30] US (13/306,126) 2011-11-29

[21] **2,856,713**
[13] A1

[51] **Int.Cl. E03B 7/12 (2006.01)**

[25] EN

[54] **AN APPARATUS FOR PURGING WATER FROM A PLUMBING INSTALLATION**

[54] **APPAREIL PERMETTANT DE PURGER L'EAU D'UNE INSTALLATION DE PLOMBERIE**

[72] PAUL, JASON, GB

[72] COLLIGAN, BRIAN, GB

[71] PAUL, JASON, GB

[85] 2014-03-14

[86] 2011-09-16 (PCT/GB2011/051750)

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[30] GB (1015472.2) 2010-09-16

[30] US (61/394,905) 2010-10-20

[30] GB (1104002.9) 2011-03-09

[21] **2,856,714**
[13] A1

[51] **Int.Cl. B65D 1/40 (2006.01) B65D 23/00 (2006.01)**

[25] EN

[54] **CONTAINER WITH GRIP PANEL AND ANNULAR RIB HAVING VARIABLE WIDTH**

[54] **RECIPIENT COMPRENANT UN PANNEAU DE PREHENSION ET UNE NERVURE ANNULAIRE PRESENTANT UNE LARGEUR VARIABLE**

[72] PEDMO, MARC A., US

[71] PLASTIPAK PACKAGING, INC., US

[85] 2014-05-22

[86] 2012-11-28 (PCT/US2012/066845)

[87] (WO2013/082147)

[30] US (13/307,315) 2011-11-30

[21] **2,856,715**
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A23D 9/00 (2006.01) A61K 31/20 (2006.01) C11C 1/00 (2006.01) C11C 3/04 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING 20-CARBON FATTY ACIDS AND METHODS OF MAKING AND USING SAME**

[54] **COMPOSITIONS COMPRENANT DES ACIDES GRAS CONTENANT 20 ATOMES DE CARBONE ET LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION**

[72] MANKU, MEHAR, GB

[72] ROWE, JONATHAN, US

[71] DIGNITY SCIENCES LIMITED, IE

[85] 2014-05-22

[86] 2012-11-29 (PCT/US2012/067030)

[87] (WO2013/082265)

[30] US (61/564,652) 2011-11-29

[30] US (61/711,585) 2012-10-09

[21] **2,856,716**
[13] A1

[51] **Int.Cl. B60L 11/18 (2006.01) H02J 7/00 (2006.01)**

[25] EN

[54] **CURRENT MONITORING AND LIMITING APPARATUS, SYSTEM AND METHOD FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT**

[54] **APPAREIL DE CONTROLE ET DE LIMITATION DE COURANT, SYSTEME ET PROCEDE POUR EQUIPEMENT D'ALIMENTATION DE VEHICULE ELECTRIQUE**

[72] DEBOER, JOHN, US

[72] MCCOY, BRIAN TIMOTHY, US

[72] HANCOCK, DREW STEPHEN, US

[72] HAAS, HARRY PRICE, US

[72] TURNER, SCOTT CLAYTON, US

[71] SIEMENS INDUSTRY, INC., US

[85] 2014-05-22

[86] 2012-11-30 (PCT/US2012/067249)

[87] (WO2013/082398)

[30] US (13/308,984) 2011-12-01

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[21] **2,856,717**
[13] A1

[51] **Int.Cl. C07C 17/10 (2006.01) C07C 19/01 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF CHLORINATED ALKANES**
[54] **PROCEDE DE PRODUCTION D'ALCANES CHLORES**
[72] GRANDBOIS, MATTHEW LEE, US
[72] CHEN, XIAOYUN, US
[72] KRUPER, WILLIAM J., JR., US
[71] DOW GLOBAL TECHNOLOGIES, LLC, US
[85] 2014-05-22
[86] 2012-11-30 (PCT/US2012/067268)
[87] (WO2013/082410)
[30] US (61/566,213) 2011-12-02

[21] **2,856,719**
[13] A1

[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **LED LAMP WITH HALF WAVE DIMMING**
[54] **LAMPE A DIODES ELECTROLUMINESCENTES AVEC ATTENUATION A DEMI-ONDE**
[72] NESER, MORNE, US
[72] BACON, LOUIS, US
[72] NGUYEN, TRUONG-KHOA, US
[72] POIRIER, CHRISTIAN, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2014-05-22
[86] 2012-10-22 (PCT/US2012/061315)
[87] (WO2013/081741)
[30] US (61/564,662) 2011-11-29
[30] US (13/623,899) 2012-09-21

[21] **2,856,720**
[13] A1

[51] **Int.Cl. C22C 19/05 (2006.01)**
[25] EN
[54] **NICKEL-BASE ALLOY HEAT TREATMENTS, NICKEL-BASE ALLOYS, AND ARTICLES INCLUDING NICKEL-BASE ALLOYS**
[54] **TRAITEMENTS THERMIQUES D'ALLIAGE A BASE DE NICKEL, ALLIAGES A BASE DE NICKEL ET ARTICLES COMPRENANT DES ALLIAGES A BASE DE NICKEL**
[72] MCDEVITT, ERIN T., US
[71] ATI PROPERTIES, INC., US
[85] 2014-05-22
[86] 2012-11-02 (PCT/US2012/063142)
[87] (WO2013/081770)
[30] US (13/307,097) 2011-11-30

[21] **2,856,721**
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01) C10L 3/02 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE CONVERSION OF BIOMASS TO OXYGENATED ORGANIC COMPOUND, APPARATUS THEREFORE AND COMPOSITIONS PRODUCED THEREBY**
[54] **PROCEDES DE CONVERSION DE BIOMASSE EN COMPOSE ORGANIQUE OXYGENE, APPAREIL S'Y RAPPORTANT ET COMPOSITIONS PRODUITES AINSI**
[72] TOBEY, RICHARD E., US
[72] DU, JIANXIN, US
[72] CORLEY, RALPH, US
[71] COSKATA, INC., US
[85] 2014-05-22
[86] 2012-11-06 (PCT/US2012/063669)
[87] (WO2013/081779)
[30] US (13/304,902) 2011-11-28

[21] **2,856,723**
[13] A1

[51] **Int.Cl. F02K 3/02 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH HIGH SPEED LOW PRESSURE TURBINE SECTION**
[54] **TURBINE A GAZ DOTEES D'UNE SECTION TURBINE A BASSE PRESSION A VITESSE ELEVEE**
[72] SUCIU, GABRIEL L., US
[72] ACKERMANN, WILLIAM K., US
[72] KUPRATIS, DANIEL BERNARD, US
[72] SCHWARZ, FREDERICK M., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[85] 2014-05-21
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[87] (WO2013/154649)
[30] US (13/363,154) 2012-01-31

[21] **2,856,724**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61B 5/20 (2006.01)**
[25] EN
[54] **TREATMENT OF URINARY INCONTINENCE**
[54] **TRAITEMENT DE L'INCONTINENCE URINAIRE**
[72] IGLESIAS, RAMON JOSE, US
[71] URINARY BIOSOLUTIONS, LLC, US
[85] 2014-05-22
[86] 2012-11-27 (PCT/US2012/066613)
[87] (WO2013/082006)
[30] US (61/563,889) 2011-11-28

[21] **2,856,727**
[13] A1

[51] **Int.Cl. C07D 491/22 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SEVEN-MEMBERED LACTAM MORPHINANS**
[54] **PROCEDE DE FABRICATION DE LACTAMES MORPHINANES A SEPT CHAINONS**
[72] GROTE, CHRISTOPHER W., US
[72] MCCLURG, JOSEPH P., US
[71] MALLINCKRODT LLC, US
[85] 2014-05-22
[86] 2012-12-05 (PCT/US2012/067821)
[87] (WO2013/085937)
[30] US (61/566,763) 2011-12-05

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[21] **2,856,728**
[13] A1

[51] **Int.Cl. E04B 9/18 (2006.01) F16L 3/06 (2006.01)**
[25] EN
[54] **CABLE LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE DE CABLE**
[72] WILSON, ERIC J., US
[72] LAUGHLIN, RAYMOND S., US
[72] LYNCH, EDWARD J., US
[72] BENNETT, MATTHEW, US
[71] ERICO INTERNATIONAL CORPORATION, US
[85] 2014-05-22
[86] 2012-12-06 (PCT/US2012/068162)
[87] (WO2013/086130)
[30] US (61/567,210) 2011-12-06

[21] **2,856,729**
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **DETECTING MALWARE USING STORED PATTERNS**
[54] **DETECTION DE LOGICIEL MALVEILLANT A L'AIDE DE MOTIFS STOCKES**
[72] RICHARD, MATTHEW, US
[72] LEE, JESSE J., US
[72] MCDUGAL, MONTY D., US
[72] JENNINGS, RANDY S., US
[72] STERNS, WILLIAM E., US
[71] RAYTHEON COMPANY, US
[85] 2014-05-22
[86] 2012-12-06 (PCT/US2012/068178)
[87] (WO2013/086141)
[30] US (13/312,716) 2011-12-06

[21] **2,856,730**
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **DETECTING MALWARE USING PATTERNS**
[54] **DETECTION D'UN LOGICIEL MALVEILLANT A L'AIDE DE MOTIFS**
[72] RICHARD, MATTHEW, US
[72] MCDUGAL, MONTY D., US
[71] RAYTHEON COMPANY, US
[85] 2014-05-22
[86] 2012-12-06 (PCT/US2012/068224)
[87] (WO2013/086176)
[30] US (13/312,639) 2011-12-06

[21] **2,856,731**
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING MALWARE IN DOCUMENTS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER UN LOGICIEL MALVEILLANT DANS DES DOCUMENTS**
[72] RICHARD, MATTHEW, US
[72] LEE, JESSE J., US
[72] MCDUGAL, MONTY D., US
[72] JENNINGS, RANDY S., US
[72] STERNS, WILLIAM E., US
[71] RAYTHEON COMPANY, US
[85] 2014-05-22
[86] 2012-12-06 (PCT/US2012/068229)
[87] (WO2013/086179)
[30] US (13/312,767) 2011-12-06

[21] **2,856,732**
[13] A1

[51] **Int.Cl. A61N 1/28 (2006.01)**
[25] EN
[54] **THERAPEUTIC NEUROMODULATION OF THE HEPATIC SYSTEM**
[54] **NEUROMODULATION THERAPEUTIQUE DU SYSTEME HEPATIQUE**
[72] AZAMIAN, BOBAK ROBERT, US
[72] COE, JONATHAN ALLEN, US
[72] VAFAI, SCOTT BRADLEY, US
[71] METAVENTION, INC., US
[85] 2014-05-22
[86] 2012-12-07 (PCT/US2012/068630)
[87] (WO2013/086461)
[30] US (61/568,843) 2011-12-09

[21] **2,856,733**
[13] A1

[51] **Int.Cl. B26B 21/44 (2006.01)**
[25] EN
[54] **FLUID APPLICATOR FOR A PERSONAL-CARE APPLIANCE**
[54] **APPLICATEUR DE FLUIDE POUR APPAREIL D'HYGIENE CORPORELLE**
[72] WAIN, KEVIN JAMES, GB
[71] THE GILLETTE COMPANY, US
[85] 2014-05-22
[86] 2012-12-07 (PCT/US2012/068338)
[87] (WO2013/086254)
[30] US (61/568,877) 2011-12-09

[21] **2,856,734**
[13] A1

[51] **Int.Cl. A45D 34/04 (2006.01) A46B 11/08 (2006.01)**
[25] EN
[54] **A KIT FOR A HEATING APPLICATOR AND PRODUCT**
[54] **TROUSSE POUR UN APPLICATEUR CHAUFFANT ET UN PRODUIT**
[72] BOUIX, HERVE F., US
[72] CORBELLINI, FRANCIS, FR
[72] JACOB, CHRISTOPHE, FR
[71] ELC MANAGEMENT LLC, US
[85] 2014-05-22
[86] 2012-12-11 (PCT/US2012/068998)
[87] (WO2013/096017)
[30] US (13/330,832) 2011-12-20

[21] **2,856,735**
[13] A1

[51] **Int.Cl. B62D 25/16 (2006.01)**
[25] EN
[54] **PIVOTING MUD FLAP ASSEMBLY**
[54] **ENSEMBLE GARDE-BOUE PIVOTANT**
[72] RAMSEY, JOHN EDWARD, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2014-05-22
[86] 2012-12-12 (PCT/US2012/069089)
[87] (WO2013/090329)
[30] US (61/569,811) 2011-12-13

[21] **2,856,736**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWERING OCULAR IMPLANTS**
[54] **SYSTEME ET PROCEDE POUR ALIMENTER DES IMPLANTS OCULAIRES**
[72] DOS SANTOS, CESARIO, US
[72] JENKINS, DANIEL COLLIN, US
[71] ALCON RESEARCH, LTD., US
[85] 2014-05-22
[86] 2012-12-10 (PCT/US2012/068776)
[87] (WO2013/090198)
[30] US (13/316,660) 2011-12-12

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[21] **2,856,737**
[13] A1

[51] **Int.Cl. C07C 217/08 (2006.01) C07C 229/12 (2006.01)**
[25] EN
[54] **BRANCHED ALKYL AND CYCLOALKYL TERMINATED BIODEGRADABLE LIPIDS FOR THE DELIVERY OF ACTIVE AGENTS**
[54] **LIPIDES BIODEGRADABLES RAMIFIES A TERMINAISONS ALKYLE ET CYCLOALKYLE DESTINES A L'ADMINISTRATION D'AGENTS ACTIFS**
[72] ANSELL, STEVEN MICHIAL, CA
[72] DU, XINYAO, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2014-05-22
[86] 2012-12-07 (PCT/US2012/068450)
[87] (WO2013/086322)
[30] US (61/568,121) 2011-12-07

[21] **2,856,738**
[13] A1

[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **SIGNAL PROCESSING OF LAMB WAVE DATA FOR PIPE INSPECTION**
[54] **DONNEES D'ONDES DE LAMB SOUMISES A UN TRAITEMENT DE SIGNAL POUR INSPECTER UN TUYAU**
[72] HART, GLENN G., US
[72] KIRBY, MARK W., US
[72] LEONARD, DAVID S., US
[72] LAREAU, JOHN P., US
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2014-05-22
[86] 2012-12-14 (PCT/US2012/069613)
[87] (WO2013/090650)
[30] US (61/570,472) 2011-12-14
[30] US (13/713,364) 2012-12-13

[21] **2,856,739**
[13] A1

[51] **Int.Cl. G01F 1/684 (2006.01) G01F 1/688 (2006.01) G01F 1/69 (2006.01) G01F 5/00 (2006.01)**
[25] EN
[54] **HEATED WET GAS FLOW METER DEBITMETRE DE GAZ HUMIDE CHAUFFE**
[72] KURZ, DANIEL R., US
[72] BURTON, BRUCE B., US
[72] DALLA BETTA, RALPH A., US
[71] LOS ROBLES ADVERTISING, INC., US
[85] 2014-05-22
[86] 2012-12-17 (PCT/US2012/070009)
[87] (WO2013/090880)
[30] US (13/329,275) 2011-12-17

[21] **2,856,740**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **SEALING SYSTEMS AND METHODS EMPLOYING A SWITCHABLE DRAPE**
[54] **SYSTEMES ET PROCEDES D'ETANCHEITE UTILISANT UN DRAPE COMMUTABLE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] LUCKEMEYER, JAMES, US
[71] KCI LICENSING, INC., US
[85] 2014-05-22
[86] 2012-12-14 (PCT/US2012/069920)
[87] (WO2013/090824)
[30] US (61/576,786) 2011-12-16

[21] **2,856,741**
[13] A1

[51] **Int.Cl. C25D 5/10 (2006.01) C25D 3/02 (2006.01)**
[25] EN
[54] **METHODS AND ELECTROLYTES FOR ELECTRODEPOSITION OF SMOOTH FILMS**
[54] **PROCEDES ET ELECTROLYTES POUR LE DEPOT ELECTROLYTIQUE DE FILMS LISSES**
[72] ZHANG, JIGUANG, US
[72] XU, WU, US
[72] GRAFF, GORDON L., US
[72] CHEN, XILIN, US
[72] SHAO, YUYAN, US
[72] DING, FEI, CN
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2014-05-22
[86] 2012-12-18 (PCT/US2012/070288)
[87] (WO2013/119322)
[30] US (13/367,508) 2012-02-07
[30] US (13/495,727) 2012-06-13

[21] **2,856,742**
[13] A1

[51] **Int.Cl. A61K 31/713 (2006.01) A61K 31/7088 (2006.01) C07C 211/09 (2006.01) C07C 211/10 (2006.01) C07C 211/11 (2006.01) C07C 217/08 (2006.01) C07C 229/12 (2006.01) C07C 251/38 (2006.01) C07C 327/22 (2006.01) C07C 327/28 (2006.01) C07C 327/32 (2006.01) C07D 235/06 (2006.01) C07D 317/30 (2006.01) C07F 5/02 (2006.01)**
[25] EN
[54] **BIODEGRADABLE LIPIDS FOR THE DELIVERY OF ACTIVE AGENTS**
[54] **LIPIDES BIODEGRADABLES POUR L'ADMINISTRATION D'AGENTS ACTIFS**
[72] MAIER, MARTIN, US
[72] JAYARAMAN, MUTHUSAMY, US
[72] AKINC, AKIN, US
[72] MATSUDA, SHIGEO, US
[72] KADASAMY, PACHAMUTHU, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] MANOHARAN, MUTHIAH, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2014-05-22
[86] 2012-12-07 (PCT/US2012/068491)
[87] (WO2013/086354)
[30] US (61/568,133) 2011-12-07
[30] US (61/623,274) 2012-04-12

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[21] **2,856,743**
[13] A1

[51] **Int.Cl. G01N 33/28 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR ANALYZING DRILLING FLUID**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS D'ANALYSE DE BOUES DE FORAGE**
[72] JAMISON, DALE E., US
[72] MURPHY, ROBERT J., US
[72] BROUSSARD, SHAWN, US
[72] GONZALEZ, PETER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-22
[86] 2013-01-07 (PCT/US2013/020559)
[87] (WO2013/112274)
[30] US (13/358,872) 2012-01-26

[21] **2,856,744**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **PROCESSES AND SYSTEMS FOR DRILLING A BOREHOLE**
[54] **PROCEDE ET SYSTEMES POUR FORER UN Puits**
[72] DISANTIS, JOSEPH R., US
[71] MARATHON OIL COMPANY, US
[85] 2014-05-22
[86] 2012-12-07 (PCT/US2012/068512)
[87] (WO2013/086370)
[30] US (61/568,286) 2011-12-08
[30] US (13/706,932) 2012-12-06

[21] **2,856,745**
[13] A1

[51] **Int.Cl. A61B 17/50 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **DEVICE FOR RETRIEVING A BODY FROM A TUBULAR STRUCTURE**
[54] **DISPOSITIF PERMETTANT D'EXTRAIRE UN CORPS D'UNE STRUCTURE TUBULAIRE**
[72] SOUTORINE, MIKHAIL, AU
[72] CHERNOV-HARAEV, ARTEM NIKOLAEVICH, RU
[72] PROKOSHKIN, SERGEI DMITRIEVICH, RU
[72] RYKLINA, ELENA PROKOPIEVNA, RU
[72] KHMELEVSKAYA, IRINA YURIEVNA, RU
[72] KOROTITSKIY, ANDREY VICTOROVICH, RU
[71] GLOBETEK 2000 PTY LTD, AU
[85] 2014-05-23
[86] 2011-11-30 (PCT/AU2011/001561)
[87] (WO2012/071620)
[30] RU (PCT/RU2010/000711) 2010-11-30

[21] **2,856,746**
[13] A1

[51] **Int.Cl. C08J 9/14 (2006.01) C08G 18/00 (2006.01)**
[25] EN
[54] **FOAMS AND ARTICLES MADE FROM FOAMS CONTAINING HCFO OR HFO BLOWING AGENTS**
[54] **MOUSSES ET ARTICLES FABRIQUES A PARTIR DE MOUSSES CONTENANT DES AGENTS GONFLANTS HCFO OU HFO**
[72] WILLIAMS, DAVID J., US
[72] LING, YIUKEUNG, US
[72] QIN, SANGLU, CN
[72] LU, BIN, CN
[72] PAN, RONGWEI, CN
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2014-05-23
[86] 2012-09-21 (PCT/CN2012/081740)
[87] (WO2013/082963)
[30] US (61/569,061) 2011-12-09

[21] **2,856,747**
[13] A1

[51] **Int.Cl. A61B 17/122 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61B 17/128 (2006.01)**
[25] EN
[54] **SURGICAL CLIP AND CLIP MANIPULATION DEVICE THEREFOR**
[54] **CLIP CHIRURGICAL ET DISPOSITIF DE MANIPULATION DE CLIP S'Y RAPPORANT**
[72] SOUTORINE, MIKHAIL, AU
[72] CHERNOV-HARAEV, ARTEM NIKOLAEVICH, RU
[72] PROKOSHKIN, SERGEI DMITRIEVICH, RU
[72] RYKLINA, ELENA PROKOPIEVNA, RU
[72] KHMELEVSKAYA, IRINA YURIEVNA, RU
[72] KOROTITSKIY, ANDREY VICTOROVICH, RU
[72] IPATKIN, ROUSLAN VALEREEVICH, RU
[71] GLOBETEK 2000 PTY LTD, AU
[85] 2014-05-23
[86] 2011-12-07 (PCT/AU2011/001586)
[87] (WO2012/075532)
[30] RU (PCT/RU2010/000735) 2010-12-07

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<p style="text-align: center;">[21] 2,856,749 [13] A1</p> <p>[51] Int.Cl. C07D 211/24 (2006.01) A61K 31/445 (2006.01) A61P 25/14 (2006.01) A61P 25/28 (2006.01)</p> <p>[25] EN</p> <p>[54] THE HYDROBROMIDE SALT OF PRIDOPIDINE</p> <p>[54] BROMHYDRATE DE PRIDOPIDINE</p> <p>[72] ZIMMERMANN, ANNE, DK [72] FROSTRUP, BRIAN, DK [71] IVAX INTERNATIONAL GMBH, CH</p> <p>[85] 2014-05-22 [86] 2012-12-07 (PCT/US2012/068582) [87] (WO2013/086425) [30] DK (PA 2011 70684) 2011-12-08 [30] US (61/569,157) 2011-12-09</p>	<p style="text-align: center;">[21] 2,856,751 [13] A1</p> <p>[51] Int.Cl. H01B 9/06 (2006.01) H02G 15/103 (2006.01) H01B 7/02 (2006.01)</p> <p>[25] EN</p> <p>[54] A DIRECT CURRENT (DC) TRANSMISSION SYSTEM COMPRISING A THICKNESS CONTROLLED LAMINATED INSULATION LAYER AND METHOD OF MANUFACTURING</p> <p>[54] SYSTEME DE TRANSMISSION DE COURANT CONTINU COMPRENANT UNE COUCHE D'ISOLATION LAMINEE A EPAISSEUR CONTROLEE, AINSI QUE PROCEDE DE FABRICATION</p> <p>[72] LIU, RONGSHENG, SE [71] ABB RESEARCH LTD, CH</p> <p>[85] 2014-05-23 [86] 2011-11-25 (PCT/EP2011/071034) [87] (WO2013/075756)</p>	<p style="text-align: center;">[21] 2,856,755 [13] A1</p> <p>[51] Int.Cl. F16G 3/16 (2006.01)</p> <p>[25] EN</p> <p>[54] CUTTING AND SPLICING APPARATUS FOR CONVEYOR BELTS AND METHOD</p> <p>[54] APPAREIL DE COUPE ET D'EPISSURE POUR COURROIES DE TRANSPORTEUR ET SON PROCEDE</p> <p>[72] ZIEGER, ANDREW J., US [71] FLEXIBLE STEEL LACING COMPANY, US</p> <p>[85] 2014-05-22 [86] 2012-11-14 (PCT/US2012/065050) [87] (WO2013/078046) [30] US (13/304,042) 2011-11-23</p>
<p style="text-align: center;">[21] 2,856,753 [13] A1</p> <p>[51] Int.Cl. H05B 37/00 (2006.01) F21K 99/00 (2010.01)</p> <p>[25] EN</p> <p>[54] LED LAMP WITH VARIABLE INPUT POWER SUPPLY</p> <p>[54] LAMPE A DEL POURVUE D'UNE ALIMENTATION D'ENTREE VARIABLE</p> <p>[72] MALBOEUF JOSET, MATHIEU LUDOVIC, CA [72] BRAUN, DORIAN, CA [72] PIASKOWSKI, ANDREW D., CA [71] BRAMAL INC., CA</p> <p>[85] 2014-05-23 [86] 2011-11-23 (PCT/CA2011/050728) [87] (WO2012/068687) [30] US (61/416,327) 2010-11-23</p>	<p style="text-align: center;">[21] 2,856,757 [13] A1</p> <p>[51] Int.Cl. E05B 61/00 (2006.01) E05B 63/00 (2006.01)</p> <p>[25] EN</p> <p>[54] LOCKING LATCH FOR YARD DOOR</p> <p>[54] LOQUET DE VERROUILLAGE POUR PORTAIL DE JARDIN</p> <p>[72] WEPF, DONALD WILLIAM, CA [71] WEPF, DONALD WILLIAM, CA</p> <p>[85] 2014-05-23 [86] 2012-11-30 (PCT/CA2012/001098) [87] (WO2013/078542) [30] GB (GB-1120625.7) 2011-11-30</p>	

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[21] **2,856,758**
[13] A1

[51] **Int.Cl. B02C 17/00 (2006.01) B02C 17/22 (2006.01) B02C 17/24 (2006.01) B02C 23/08 (2006.01) B07B 13/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PROCESSING MATERIALS**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE MATERIAUX**

[72] MULLER, HAGEN, DE

[72] WAULIGMANN, BERND, DE

[71] HAVER & BOECKER OHG, DE

[85] 2014-05-23

[86] 2012-11-28 (PCT/EP2012/004898)

[87] (WO2013/079189)

[30] DE (10 2011 119 621.1) 2011-11-29

[21] **2,856,759**
[13] A1

[51] **Int.Cl. C07D 217/24 (2006.01) A61K 31/472 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07D 405/04 (2006.01)**

[25] EN

[54] **3-PHENYL-ISOQUINOLIN-1(2H)-ONE DERIVATIVES AS PARP-1 INHIBITORS**

[54] **DERIVES 3-PHENYL-ISOQUINOLIN-1(2H)-ONE EN TANT QU'INHIBITEURS DE PARP-1**

[72] PAPEO, GIANLUCA MARIANO ENRICO, IT

[72] CIRLA, ALESSANDRA, IT

[72] D'ANELLO, MATTEO, IT

[72] SCOLARO, ALESSANDRA, IT

[72] ZUCCOTTO, FABIO, IT

[71] NERVIANO MEDICAL SCIENCES S.R.L., IT

[85] 2014-05-23

[86] 2012-11-20 (PCT/EP2012/073125)

[87] (WO2013/076090)

[30] EP (11190687.1) 2011-11-25

[30] EP (12161489.5) 2012-03-27

[21] **2,856,761**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**

[25] EN

[54] **NEEDLE ASSEMBLY ATTACHMENT AND REMOVAL DEVICE**

[54] **DISPOSITIF DE FIXATION ET DE RETRAIT D'UN ENSEMBLE AIGUILLE**

[72] DASBACH, UWE, DE

[72] DETTE, CHRISTOPH, DE

[72] NOBER, PETER, DE

[72] SONNTAG, FIETE, DE

[72] EISENGARTHEN, CHRISTOPH, DE

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2014-05-23

[86] 2012-11-23 (PCT/EP2012/073465)

[87] (WO2013/076244)

[30] EP (11190581.6) 2011-11-24

[21] **2,856,762**
[13] A1

[51] **Int.Cl. G01J 3/10 (2006.01) G01N 21/94 (2006.01)**

[25] EN

[54] **MULTI-SOURCE SENSOR FOR ONLINE CHARACTERIZATION OF WEB PRODUCTS AND RELATED SYSTEM AND METHOD**

[54] **CAPTEUR A MULTIPLES SOURCES POUR LA CARACTERISATION EN LIGNE DE PRODUITS EN BANDES ET SYSTEME ET PROCEDE ASSOCIES**

[72] TIXIER, SEBASTIEN, US

[72] HARAN, FRANK M., US

[71] HONEYWELL ASCA INC., CA

[85] 2014-05-23

[86] 2012-12-04 (PCT/CA2012/001109)

[87] (WO2013/082696)

[30] US (13/314,030) 2011-12-07

[21] **2,856,763**
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **AUTOINJECTOR**

[54] **AUTO-INJECTEUR**

[72] HENLEY, THOMAS, GB

[72] CROSS, DAVID, GB

[72] JENNINGS, DOUGLAS IVAN, GB

[72] MCGINLEY, RYAN ANTHONY, GB

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2014-05-23

[86] 2012-11-23 (PCT/EP2012/073467)

[87] (WO2013/076246)

[30] EP (11190587.3) 2011-11-24

[21] **2,856,764**
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/0775 (2010.01) C12N 1/38 (2006.01)**

[25] EN

[54] **MEDIUM COMPOSITION FOR REJUVENATING STEM CELLS**

[54] **COMPOSITION DE MILIEU DE CULTURE POUR RAJEUNIR DES CELLULES SOUCHES**

[72] KANG, SUNG KEUN, KR

[72] RA, JEONG CHAN, KR

[72] PARK, HYEONG GEUN, KR

[72] LEE, HANG YOUNG, KR

[71] K-STEMCELL CO., LTD., KR

[85] 2014-05-22

[86] 2012-12-03 (PCT/KR2012/010380)

[87] (WO2013/081436)

[30] KR (10-2011-0127885) 2011-12-01

[21] **2,856,765**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**

[25] EN

[54] **SAFETY SYRINGE**

[54] **SERINGUE DE SECURITE**

[72] HENLEY, THOMAS, GB

[72] CROSS, DAVID, GB

[72] JENNINGS, DOUGLAS IVAN, GB

[72] MCGINLEY, RYAN ANTHONY, GB

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2014-05-23

[86] 2012-11-23 (PCT/EP2012/073469)

[87] (WO2013/076248)

[30] EP (11190595.6) 2011-11-24

PCT Applications Entering the National Phase

[21] **2,856,767**
[13] A1

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/42 (2006.01) B07B 1/46 (2006.01)**

[25] EN

[54] **FLEXIBLE MAT SCREENING APPARATUS WITH OFFSET SUPPORTS**

[54] **APPAREIL DE CRIBLAGE A TAPIS FLEXIBLE DOTE DE SUPPORTS DECALES**

[72] LAVEINE, ANDREW T., US

[71] ACTION VIBRATORY EQUIPMENT, INC., US

[85] 2014-05-22

[86] 2012-11-19 (PCT/US2012/065891)

[87] (WO2013/078137)

[30] US (61/563,175) 2011-11-23

[30] US (13/671,385) 2012-11-07

[21] **2,856,768**
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **AUTOINJECTOR**

[54] **AUTO-INJECTEUR**

[72] HENLEY, THOMAS, GB

[72] CROSS, DAVID, GB

[72] JENNINGS, DOUGLAS IVAN, GB

[72] MCGINLEY, RYAN ANTHONY, GB

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2014-05-23

[86] 2012-11-23 (PCT/EP2012/073468)

[87] (WO2013/076247)

[30] EP (11190592.3) 2011-11-24

[21] **2,856,769**
[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/416 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 15/00 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 407/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **NOVEL 2H-INDAZOLES AS EP2 RECEPTOR ANTAGONISTS**

[54] **NOUVEAUX 2H-INDAZOLES EN TANT QU'ANTAGONISTES DU RECEPTEUR EP2**

[72] BRAUER, NICO, DE

[72] MENGEL, ANNE, DE

[72] ROHN, ULRIKE, DE

[72] ROTGERI, ANDREA, DE

[72] BUCHMANN, BERND, DE

[72] LINDENTHAL, BERNHARD, DE

[72] TER LAAK, ANTONIUS, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2014-05-23

[86] 2012-11-26 (PCT/EP2012/073556)

[87] (WO2013/079425)

[30] DE (102011087170.5) 2011-11-28

[30] DE (102012206715.9) 2012-04-24

[21] **2,856,771**
[13] A1

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

[25] EN

[54] **SEASONAL ENERGY-STORAGE COOLING AND HEATING SYSTEM**

[54] **SYSTEME DE REFROIDISSEMENT ET DE CHAUFFAGE SAISONNIER A STOCKAGE D'ENERGIE**

[72] CHEN, YILONG, CN

[72] HU, SHUCHUAN, CN

[71] SUNSHINE KAI DI NEW ENERGY GROUP CO., LTD, CN

[85] 2014-05-23

[86] 2012-10-29 (PCT/CN2012/083696)

[87] (WO2013/075572)

[30] CN (201110381778.8) 2011-11-25

[21] **2,856,773**
[13] A1

[51] **Int.Cl. F16L 37/088 (2006.01)**

[25] EN

[54] **PLUG-IN CONNECTION WITH A RETAINING CLIP**

[54] **ACCOUPEMENT PAR ENFICHAGE POURVU D'UNE GRIFFE DE RETENUE**

[72] ALTENRATH, JOERG, DE

[71] EATON INDUSTRIAL IP GMBH & CO. KG, DE

[85] 2014-05-23

[86] 2012-11-26 (PCT/EP2012/073602)

[87] (WO2013/076302)

[30] EP (11190524.6) 2011-11-24

[21] **2,856,774**
[13] A1

[51] **Int.Cl. A43B 3/24 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR PROVIDING STABILITY FOR HEELED SHOES**

[54] **APPAREIL ET PROCEDES PERMETTANT DE CONFERER DE LA STABILITE A DES CHAUSSURES A TALONS**

[72] WHITE, SHERYL, US

[71] WHITE, SHERYL, US

[85] 2014-05-22

[86] 2012-11-20 (PCT/US2012/066062)

[87] (WO2013/078203)

[30] US (61/563,286) 2011-11-23

[30] US (13/681,121) 2012-11-19

[21] **2,856,776**
[13] A1

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

[25] EN

[54] **LAMINATED GLASS FOR USE IN VEHICLES OR IN ARCHITECTURE**

[54] **VERRE COMPOSITE DESTINE A ETRE UTILISE DANS LES VEHICULES OU EN ARCHITECTURE**

[72] THIELSCH, ROLAND, DE

[72] KLEINHEMPEL, RONNY, DE

[72] WAHL, ANDRE, DE

[71] SOUTHWALL TECHNOLOGIES INC., US

[85] 2014-05-23

[86] 2012-12-13 (PCT/DE2012/001206)

[87] (WO2013/087064)

[30] DE (20 2011 109 312.7) 2011-12-15

Demandes PCT entrant en phase nationale

[21] **2,856,779**
[13] A1

[51] **Int.Cl. G01N 27/26 (2006.01) B01D 57/02 (2006.01) B01L 3/00 (2006.01)**

[25] EN

[54] **STOPPED-FLOW, MICRO-FLUIDIC DEVICE AND METHOD FOR THE CHARGE-BASED SEPARATION OF COMPLEX ANALYTE MIXTURES**

[54] **DISPOSITIF MICROFLUIDIQUE A BLOCAGE D'ECOULEMENT, ET PROCEDE DE SEPARATION DE MELANGES D'ANALYTES COMPLEXES BASE SUR LA CHARGE**

[72] HARALAMPU, STEPHEN G., US
[71] HARALAMPU, STEPHEN G., US
[85] 2014-05-22
[86] 2012-11-20 (PCT/US2012/066120)
[87] (WO2013/078236)
[30] US (61/562,924) 2011-11-22

[21] **2,856,782**
[13] A1

[51] **Int.Cl. F01D 11/06 (2006.01) F04D 29/12 (2006.01) F16J 15/34 (2006.01) F16J 15/40 (2006.01)**

[25] EN

[54] **DRY GAS SEAL FOR SUPERCRITICAL CO2 PUMP-HIGH PRESSURE BUFFER**

[54] **JOINT A GAZ SEC POUR TAMPON DE HAUTE PRESSION DE POMPE DE CO2 SUPERCRITIQUE**

[72] DEL VESCOVO, CARLO, IT
[72] RIPA, DONATO ANTONIO, IT
[72] SCIANCALEPORE, MAURIZIO, IT
[71] NUOVO PIGNONE S.P.A., IT
[85] 2014-05-23
[86] 2012-11-27 (PCT/EP2012/073720)
[87] (WO2013/083437)
[30] IT (CO2011A000057) 2011-12-05

[21] **2,856,784**
[13] A1

[51] **Int.Cl. G08B 21/00 (2006.01) G08B 1/08 (2006.01)**

[25] EN

[54] **MONITORING AN OBJECT**

[54] **SURVEILLANCE D'UN OBJET**

[72] VATN, GUDBRAND, NO
[72] SOLBERG, KRISTIAN, NO
[72] BRYHNI, INGE MARIUS, NO
[71] DYREIDENTITET AS, NO
[85] 2014-05-23
[86] 2012-10-24 (PCT/NO2012/000060)
[87] (WO2013/062418)
[30] NO (20111442) 2011-10-25

[21] **2,856,785**
[13] A1

[51] **Int.Cl. B01J 13/00 (2006.01)**

[25] EN

[54] **MICROCAPSULE DISPERSION CONTAINING MICROCAPSULES HAVING A HYDROPHILIC CAPSULE CORE**

[54] **DISPERSION DE MICROCAPSULES CONTENANT DES MICROCAPSULES A NOYAU HYDROPHILE**

[72] HAHN, PETER, DE
[72] BRYM, MARKUS, DE
[72] KELLER, HARALD, DE
[72] NITSCHKE, CHRISTIAN, DE
[72] WILLAX, HANS, DE
[72] KATZ, BRITTA, DE
[72] BRUST, JUTTA, DE
[72] SCHRODER-GRIMONPONT, TINA, DE
[72] RIEGER, RALPH, DE
[72] KLEIN, REGINA, DE
[71] BASF SE, DE
[85] 2014-05-23
[86] 2012-11-29 (PCT/EP2012/073932)
[87] (WO2013/092158)
[30] EP (11194273.6) 2011-12-19

[21] **2,856,786**
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01)**

[25] EN

[54] **EMULSIFIABLE CONCENTRATE COMPRISING PESTICIDE, AMIDE, CARBONATE AND HYDROCARBON**

[54] **CONCENTRE EMULSIFIABLE COMPRENANT UN PESTICIDE, UN AMIDE, UN CARBONATE ET UN HYDROCARBURE**

[72] DIELEMAN, CEDRIC, FR
[72] MAYER, WINFRIED, DE
[72] JAKOB, JURGEN, DE
[72] RIEDIGER, NADINE, DE
[71] BASF SE, DE
[85] 2014-05-23
[86] 2012-11-29 (PCT/EP2012/073935)
[87] (WO2013/087416)
[30] US (61/570320) 2011-12-14
[30] EP (11193531.8) 2011-12-14
[30] EP (12154847.3) 2012-02-10

[21] **2,856,788**
[13] A1

[51] **Int.Cl. B42D 15/04 (2006.01) H04W 4/12 (2009.01) B65D 27/06 (2006.01)**

[25] EN

[54] **REUSABLE GREETING CARD AND ENVELOPE**

[54] **CARTE DE VŒUX ET ENVELOPPE REUTILISABLES**

[72] BEADLES, NICOLE GEORGETTE, US
[72] BEADLES, ROBERT DALE, US
[72] SANDISON, DAVID ARTHUR, US
[71] BEADLES, NICOLE GEORGETTE, US
[71] BEADLES, ROBERT DALE, US
[85] 2014-05-22
[86] 2012-11-20 (PCT/US2012/066155)
[87] (WO2013/078255)
[30] US (61/629,741) 2011-11-22
[30] US (61/632,100) 2012-01-17
[30] US (13/601,922) 2012-08-31

PCT Applications Entering the National Phase

<p style="text-align: center;">[21] 2,856,789 [13] A1</p> <p>[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDROPHOBIC DRUG-DELIVERY MATERIAL, METHOD FOR MANUFACTURING THEREOF AND METHODS FOR DELIVERY OF A DRUG-DELIVERY COMPOSITION</p> <p>[54] MATERIAU D'ADMINISTRATION MEDICAMENTEUSE HYDROPHOBE, PROCEDE DE FABRICATION CORRESPONDANT ET PROCEDES PERMETTANT D'ADMINISTRER LA COMPOSITION D'ADMINISTRATION MEDICAMENTEUSE</p> <p>[72] VOIGT, ANDREAS, DE [72] KRIWANEK, JORG, DE [72] HAMPTON, SCOTT, US [72] REIFF, ANDREAS, US [72] LEHMANN, SONJA, DE [71] THERAKINE BIODELIVERY GMBH, DE</p> <p>[85] 2014-05-23 [86] 2012-11-29 (PCT/EP2012/073982) [87] (WO2013/079604) [30] US (13/307,506) 2011-11-30</p>	<p style="text-align: center;">[21] 2,856,794 [13] A1</p> <p>[51] Int.Cl. A61K 9/16 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01)</p> <p>[25] EN</p> <p>[54] POLYMERIC DRUG-DELIVERY MATERIAL, METHOD FOR MANUFACTURING THEREOF AND METHOD FOR DELIVERY OF A DRUG-DELIVERY COMPOSITION</p> <p>[54] MATERIAU D'ADMINISTRATION MEDICAMENTEUSE, PROCEDE DE FABRICATION CORRESPONDANT ET PROCEDE PERMETTANT D'ADMINISTRER LA COMPOSITION D'ADMINISTRATION MEDICAMENTEUSE</p> <p>[72] VOIGT, ANDREAS, DE [72] KRIWANEK, JORG, DE [72] HAMPTON, SCOTT, US [72] REIFF, ANDREAS, US [72] LEHMANN, SONJA, DE [71] THERAKINE BIODELIVERY GMBH, DE</p> <p>[85] 2014-05-23 [86] 2012-11-29 (PCT/EP2012/073983) [87] (WO2013/079605) [30] US (13/307,474) 2011-11-30</p>	<p style="text-align: center;">[21] 2,856,796 [13] A1</p> <p>[51] Int.Cl. G08B 13/06 (2006.01) G08B 21/18 (2006.01) G08C 17/02 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS AND METHOD FOR DETECTING UNAUTHORIZED REMOVAL OF ASSET TRACKING DEVICE</p> <p>[54] APPAREIL ET PROCEDE PERMETTANT DE DETECTER UNE SUPPRESSION NON AUTORISEE D'UN DISPOSITIF DE SUIVI DE BIENS</p> <p>[72] BAADE, LEVI, M., US [72] PEACHEY, EZRA, T., US [71] SPIREON, INC., US [85] 2014-05-22 [86] 2012-11-21 (PCT/US2012/066232) [87] (WO2013/078291) [30] US (61/562,526) 2011-11-22</p>
<p style="text-align: center;">[21] 2,856,790 [13] A1</p> <p>[51] Int.Cl. B22D 11/14 (2006.01)</p> <p>[25] EN</p> <p>[54] TUNNEL TYPE DUAL-CYCLE VACUUM SMELTING FURNACE AND METHOD THEREOF</p> <p>[54] FOUR DE FUSION SOUS VIDE A DOUBLE CIRCULATION DE TYPE TUNNEL ET PROCEDE ASSOCIE</p> <p>[72] LI, HENGJIE, CN [71] JIUZHOU RESOURCES HOLDINGS GROUP LIMITED, CN</p> <p>[85] 2014-05-13 [86] 2014-01-06 (PCT/CN2014/070156) [87] (WO2014/108052) [30] CN (2013100072306) 2013-01-09</p>	<p style="text-align: center;">[21] 2,856,795 [13] A1</p> <p>[51] Int.Cl. B26D 7/18 (2006.01) B26F 1/44 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND DEVICE FOR PRODUCING A STRIPPING TOOL</p> <p>[54] PROCEDE ET DISPOSITIF DE FABRICATION D'UN OUTIL DE CREVAGE</p> <p>[72] JAKOB, JOACHIM, DE [71] JAKOB, JOACHIM, DE</p> <p>[85] 2014-05-23 [86] 2012-11-30 (PCT/EP2012/074012) [87] (WO2013/083477) [30] DE (10 2011 056 061.0) 2011-12-05 [30] DE (10 2011 056 091.2) 2011-12-06 [30] DE (10 2012 101 660.7) 2012-02-29 [30] DE (10 2012 103 858.9) 2012-05-03</p>	<p style="text-align: center;">[21] 2,856,800 [13] A1</p> <p>[51] Int.Cl. A61F 13/02 (2006.01) A61L 24/04 (2006.01) A61M 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITION, APPARATUS, KIT AND METHOD AND USES THEREOF</p> <p>[54] COMPOSITION, APPAREIL, TROUSSE, PROCEDE ET UTILISATIONS DE CEUX-CI</p> <p>[72] HARTWELL, EDWARD YERBURY, GB [72] FRYER, CHRISTOPHER JOHN, GB [72] COLLINSON, SARAH JENNY, GB [72] PHILLIPS, MARCUS DAMIAN, GB [71] SMITH & NEPHEW PLC, GB</p> <p>[85] 2014-05-23 [86] 2012-11-26 (PCT/GB2012/000866) [87] (WO2013/076450) [30] GB (1120454.2) 2011-11-25 [30] GB (1209619.4) 2012-05-30</p>

Demandes PCT entrant en phase nationale

[21] **2,856,801**
[13] A1

[51] **Int.Cl. G06Q 20/34 (2012.01) G06Q 20/22 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01) G06Q 20/42 (2012.01)**

[25] EN

[54] **PEER-TO-PEER PAYMENT REGISTRATION AND ACTIVATION**

[54] **ENREGISTREMENT ET ACTIVATION D'UN PAIEMENT DE POSTE A POSTE**

[72] KHERADPIR, SHAYGAN, GB

[72] FOULDS, DARREN, GB

[72] SAYERS, IAN, GB

[72] GILCHRIST, SEAN, GB

[72] SOWTER, PHILIP, GB

[72] WHALEY, ANDREW, GB

[72] FRENCH, GEORGE, GB

[72] GOLDSTONE, JEREMY, GB

[72] BARTLETT, SIMON, GB

[72] MURRAY, JENNY, GB

[72] STOCKTON, TRISH, GB

[72] YOUNG, SUZANNE, GB

[71] BARCLAYS BANK PLC, GB

[85] 2014-05-23

[86] 2011-11-30 (PCT/GB2011/052367)

[87] (WO2013/076436)

[30] GB (1120218.1) 2011-11-23

[21] **2,856,802**
[13] A1

[51] **Int.Cl. C10G 5/06 (2006.01) C01B 3/40 (2006.01) C10G 2/00 (2006.01) F25B 9/02 (2006.01)**

[25] EN

[54] **OIL WELL PRODUCT TREATMENT**

[54] **TRAITEMENT DE PRODUITS EN PROVENANCE D'UN Puits DE PETROLE**

[72] COETZEE, MICHIEL, GB

[72] BOWE, MICHAEL JOSEPH, GB

[71] COMPACTGTL LIMITED, GB

[85] 2014-05-23

[86] 2012-11-15 (PCT/GB2012/052843)

[87] (WO2013/076462)

[30] GB (1120327.0) 2011-11-24

[21] **2,856,803**
[13] A1

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

[25] EN

[54] **ENHANCED TREATMENT REGIMENS USING MTOR INHIBITORS**

[54] **REGIMES DE TRAITEMENT AMELIORES UTILISANT DES INHIBITEURS DE MTOR**

[72] LIU, YI, US

[72] BUI, LYNNE, US

[72] MARTIN, MICHAEL, US

[72] WILSON, TROY EDWARD, US

[72] ROMMEL, CHRISTIAN, US

[71] INTELLIKINE, LLC, US

[85] 2014-05-22

[86] 2012-11-21 (PCT/US2012/066431)

[87] (WO2013/078440)

[30] US (61/563,516) 2011-11-23

[21] **2,856,804**
[13] A1

[51] **Int.Cl. A61K 39/095 (2006.01) C12N 9/52 (2006.01)**

[25] EN

[54] **POLYPEPTIDE ADJUVANT**

[54] **POLYPEPTIDE ADJUVANT**

[72] SAYERS, JON, GB

[72] ARTYMIUK, PETE, GB

[72] HEATH, ANDREW, GB

[71] UNIVERSITY OF SHEFFIELD, GB

[85] 2014-05-23

[86] 2012-11-30 (PCT/GB2012/052976)

[87] (WO2013/079970)

[30] GB (1120634.9) 2011-11-30

[21] **2,856,805**
[13] A1

[51] **Int.Cl. E03B 3/28 (2006.01) B01D 53/26 (2006.01)**

[25] EN

[54] **EXTRACTION OF WATER FROM AIR**

[54] **EXTRACTION D'EAU DE L'AIR**

[72] LEHKY, PAVEL, CH

[71] LEHKY, PAVEL, CH

[71] LEHKY, JAN MARC, CH

[71] LEHKY HAGEN, MONIQUE, CH

[85] 2014-05-23

[86] 2011-11-09 (PCT/IB2011/002738)

[87] (WO2012/069901)

[30] CH (0197510) 2010-11-25

[21] **2,856,806**
[13] A1

[51] **Int.Cl. F04B 15/08 (2006.01) F04B 37/08 (2006.01)**

[25] EN

[54] **CRYOGENIC PUMPS**

[54] **POMPES CRYOGENIQUES**

[72] PAPIRER, PIERRE, FR

[72] SGAMBATI, STEPHANE, FR

[71] CRYOSTAR SAS, FR

[85] 2014-05-23

[86] 2012-11-26 (PCT/IB2012/002468)

[87] (WO2013/080006)

[30] EP (11290549.2) 2011-11-29

[21] **2,856,807**
[13] A1

[51] **Int.Cl. A63B 69/00 (2006.01)**

[25] EN

[54] **FLOW DIVIDER FOR SHEET FLOW WATER RIDES**

[54] **DIVISEUR D'ECOULEMENT POUR TOURS AQUATIQUES A ECOULEMENT EN NAPPE**

[72] LOCHTEFELD, THOMAS J., US

[71] LOCHTEFELD, THOMAS J., US

[85] 2014-05-22

[86] 2012-11-22 (PCT/US2012/066435)

[87] (WO2013/078443)

[30] US (61/563,265) 2011-11-23

[30] US (13/683,790) 2012-11-21

[21] **2,856,808**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) G09B 23/28 (2006.01)**

[25] EN

[54] **UNIVERSAL MICROSURGICAL SIMULATOR**

[54] **SIMULATEUR MICROCHIRURGICAL UNIVERSEL**

[72] SASSANI, JOSEPH W., US

[72] WEBSTER, ROGER, US

[72] FIORILL, MICHAEL, US

[71] SASSANI, JOSEPH W., US

[71] WEBSTER, ROGER, US

[71] FIORILL, MICHAEL, US

[85] 2014-05-22

[86] 2012-11-23 (PCT/US2012/066447)

[87] (WO2013/078449)

[30] US (61/563,376) 2011-11-23

[30] US (61/563,353) 2011-11-23

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[21] **2,856,809**
[13] A1

[51] **Int.Cl. B26B 21/44 (2006.01)**
[25] EN
[54] **RAZOR WITH PIVOTING FLUID CONNECTOR**
[54] **RASOIR DOTE D'UN CONNECTEUR DE FLUIDE PIVOTANT**
[72] BURROWES, LEE, GB
[72] WAIN, KEVIN JAMES, GB
[71] THE GILLETTE COMPANY, US
[85] 2014-05-22
[86] 2012-11-26 (PCT/US2012/066513)
[87] (WO2013/085734)
[30] US (61/568,883) 2011-12-09

[21] **2,856,810**
[13] A1

[51] **Int.Cl. C12N 5/0735 (2010.01) G01N 33/50 (2006.01)**
[25] EN
[54] **HAPLOID CELLS**
[54] **CELLULES HAPLOIDES**
[72] ELLING, ULRICH, AT
[72] PENNINGER, JOSEF, AT
[72] TAUBENSCHMID, JASMIN, AT
[71] IMBA - INSTITUT FÜR MOLEKULARE BIOTECHNOLOGIE GMBH, AT
[85] 2014-05-23
[86] 2012-11-30 (PCT/EP2012/074112)
[87] (WO2013/079670)
[30] EP (11191408.1) 2011-11-30
[30] US (61/565,626) 2011-12-01

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[13] A1

[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/382 (2006.01) A61K 31/4178 (2006.01) A61K 31/695 (2006.01) A61K 31/7048 (2006.01) A61P 35/00 (2006.01) C07D 311/08 (2006.01) C07D 335/06 (2006.01) C07D 405/12 (2006.01) C07F 7/18 (2006.01) C07H 17/075 (2006.01)**
[25] EN
[54] **CARBONIC ANHYDRASE INHIBITORS WITH ANTIMETASTATIC ACTIVITY**
[54] **INHIBITEURS D'ANHYDRASE CARBONIQUE PRESENTANT UNE ACTIVITE ANTIMETASTATIQUE**
[72] SUPURAN, CLAUDIU, IT
[72] DEDHAR, SHOUKAT, CA
[72] CARTA, FABRIZIO, IT
[72] WINUM, JEAN-YVES, FR
[72] MCDONALD, PAUL C., CA
[71] METASIGNAL THERAPEUTICS INC., CA
[71] UNIVERSITE MONTPELLIER 2 SCIENCES ET TECHNIQUES, FR
[71] CNRS - DIRE, FR
[85] 2014-05-23
[86] 2011-11-25 (PCT/IB2011/055312)
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[30] US (61/417,449) 2010-11-28

[21] **2,856,815**
[13] A1

[51] **Int.Cl. B22D 41/08 (2006.01) B22D 41/22 (2006.01) B22D 41/32 (2006.01) B22D 41/36 (2006.01) B22D 41/50 (2006.01) B22D 41/54 (2006.01) C04B 14/20 (2006.01) C04B 28/26 (2006.01) C04B 35/80 (2006.01) C09K 3/10 (2006.01) C09K 21/14 (2006.01) F16J 15/06 (2006.01)**
[25] EN
[54] **INTUMESCENT SEALING FOR METAL CASTING APPARATUSES**
[54] **JOINT D'ETANCHEITE INTUMESCENT POUR APPAREILS DE COULEE DE METAL**
[72] OVENSTONE, JAMES, CN
[72] ZHOU, MARTIN, CN
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2014-05-23
[86] 2012-12-14 (PCT/IB2012/002949)
[87] (WO2013/088249)
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[21] **2,856,816**
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[51] **Int.Cl. C23F 14/02 (2006.01) C02F 5/10 (2006.01) C11D 11/00 (2006.01) C23G 1/08 (2006.01) C23G 1/10 (2006.01) C23G 1/12 (2006.01)**
[25] EN
[54] **COMPOSITION FOR DISSOLVING AND/OR INHIBITING DEPOSITION OF SCALE ON A SURFACE OF A SYSTEM**
[54] **COMPOSITION POUR DISSOUDRE ET/OU INHIBER UN DEPOT DE TARTRE SUR UNE SURFACE D'UN SYSTEME**
[72] BORST, JOSEPH P., US
[72] HIRSCH, KEITH, US
[72] GROSS, STEPHEN F., US
[71] BASF SE, DE
[85] 2014-05-23
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[87] (WO2013/080043)
[30] US (61/565,090) 2011-11-30

[21] **2,856,817**
[13] A1

[51] **Int.Cl. F01K 23/10 (2006.01)**
[25] EN
[54] **GAS TURBINE POWER PLANT WITH CARBON DIOXIDE SEPARATION**
[54] **CENTRALE ELECTRIQUE A TURBINE A GAZ EQUIPEE D'UNE SEPARATION DE DIOXYDE DE CARBONE**
[72] CARRONI, RICHARD, CH
[72] ZAGORSKIY, ALEXANDER, CH
[72] BERG, KLARA, CH
[72] KHAYDAROV, SERGEY, CH
[72] RIEKER, MARCEL, CH
[71] ALSTOM TECHNOLOGY LTD, CH
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[51] **Int.Cl. C09D 121/00 (2006.01) B05D 1/36 (2006.01) C09D 7/12 (2006.01) G10K 11/00 (2006.01)**

[25] EN

[54] **COATING MATERIAL FOR ACHIEVING SOUND-DAMPENING AND METHOD FOR THE SAME**

[54] **MATERIAU DE REVETEMENT POUR OBTENIR UNE INSONORISATION ET SON PROCEDE**

[72] BILOTTO, JOHN, US

[72] PULCIANI, RICHARD J., SR., US

[72] PULCIANI, RICHARD J., JR., US

[72] LANE, R. KERRY, US

[71] BLUE ANGEL PAINT AND COATINGS, LTD., US

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[30] US (13/246,468) 2011-09-27

[21] **2,856,820**
[13] A1

[51] **Int.Cl. C11D 1/66 (2006.01) A47L 15/00 (2006.01) B08B 3/08 (2006.01) C11D 3/00 (2006.01) C11D 7/60 (2006.01)**

[25] EN

[54] **ACID FORMULATIONS FOR USE IN A SYSTEM FOR WAREWASHING**

[54] **FORMULATIONS ACIDES DESTINEES A ETRE UTILISEES DANS UN SYSTEME DE NETTOYAGE D'ARTICLES MANUFACTURES**

[72] MONSRUD, LEE J., US

[72] RISCHMILLER, MICHAEL S., US

[72] OSTERBERG, DANIEL, US

[72] MANSERGH, JOHN, US

[71] ECOLAB USA INC., US

[85] 2014-05-23

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[21] **2,856,821**
[13] A1

[51] **Int.Cl. A01N 25/32 (2006.01) A01N 47/02 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITONS COMPRISING TRIFLUOROME THANESULFONANILIDES AND SAFENERS**

[54] **COMPOSITIONS HERBICIDES COMPRENANT DES THANESULFONANILIDES TRIFLUOROME ET DES PHYTOPROTECTEURS**

[72] DE FRAINE, PAUL JOHN, GB

[72] SPINNEY, MARK, GB

[72] WHITTINGHAM, WILLIAM GUY, GB

[72] ZELAYA, IAN ZLEXEI, CO

[72] REES, ANNE MARY, GB

[71] SYNGENTA LIMITED, GB

[85] 2014-05-23

[86] 2012-12-05 (PCT/EP2012/074485)

[87] (WO2013/083622)

[30] GB (1121314.7) 2011-12-09

[21] **2,856,823**
[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITIONS COMPRISING N-BUTYL MAGNOLOL AND ISOBUTYL MAGNOLOL**

[54] **COMPOSITIONS DE SOIN ORAL COMPRENANT DU N-BUTYL MAGNOLOL ET DE L'ISOBUTYL MAGNOLOL**

[72] FEI, LIN, US

[72] JARACZ, STANISLAV, US

[72] YANG, YING, US

[72] XU, GUOFENG, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2014-05-23

[86] 2011-12-02 (PCT/US2011/063031)

[87] (WO2013/081627)

[21] **2,856,826**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 17/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PRE-FETCHING PLACE PAGE DATA FOR SUBSEQUENT DISPLAY ON A MOBILE COMPUTING DEVICE**

[54] **PROCEDE ET APPAREIL PERMETTANT DE PRE-EXTRAIRE DES DONNEES DE PAGE D'EMPLACEMENT POUR UN AFFICHAGE SUBSEQUENT SUR UN DISPOSITIF INFORMATIQUE MOBILE**

[72] SILISKI, MICHAEL, US

[72] SASAKI, TAKESHI, JP

[71] GOOGLE INC., US

[85] 2014-05-23

[86] 2012-11-14 (PCT/US2012/065008)

[87] (WO2013/085680)

[30] US (13/314,925) 2011-12-08

[21] **2,856,827**
[13] A1

[51] **Int.Cl. C08F 214/18 (2006.01) C08F 214/22 (2006.01) C08K 5/00 (2006.01)**

[25] EN

[54] **CROSSLINKABLE VINYLIDENE FLUORIDE AND TRIFLUOROETHYLENE POLYMERS**

[54] **POLYMERES RETICULABLES DE FLUORURE DE VINYLIDENE ET DE TRIFLUOROETHYLENE**

[72] MARRANI, ALESSIO, IT

[72] WLASSICS, IVAN, IT

[72] TORTELLI, VITO, IT

[72] FALCO, IVAN, IT

[71] SOLVAY SPECIALTY POLYMERS ITALY S.P.A., IT

[85] 2014-05-23

[86] 2012-12-06 (PCT/EP2012/074629)

[87] (WO2013/087500)

[30] EP (11194151.4) 2011-12-16

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[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/20 (2006.01) E21B 44/06 (2006.01)**

[25] EN

[54] **DOWNHOLE FLUID FLOW CONTROL SYSTEM HAVING PRESSURE SENSITIVE AUTONOMOUS OPERATION**

[54] **SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE DE FOND DE TROU AYANT UN FONCTIONNEMENT AUTONOME SENSIBLE A LA PRESSION**

[72] FRIPP, MICHAEL LINLEY, US

[72] GANO, JOHN CHARLES, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-05-23

[86] 2012-03-02 (PCT/US2012/027463)

[87] (WO2013/130096)

[21] **2,856,831**
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/44 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED BENZIMIDAZOLES AND BENZOPYRAZOLES AS CCR(4) ANTAGONISTS**

[54] **BENZIMIDAZOLES ET BENZOPYRAZOLES SUBSTITUES EN TANT QU'ANTAGONISTES DE CCR(4)**

[72] LELETI, MANMOHAN REDDY, US

[72] LI, YANDONG, US

[72] MALI, VENKAT REDDY, US

[72] POWERS, JAY, US

[72] YANG, JU, US

[71] CHEMOCENTRYX, INC., US

[85] 2014-05-23

[86] 2012-11-30 (PCT/US2012/067299)

[87] (WO2013/082429)

[30] US (61/565,973) 2011-12-01

[21] **2,856,833**
[13] A1

[51] **Int.Cl. H01L 23/473 (2006.01)**

[25] FR

[54] **ELECTRONIC DEVICE WITH COOLING BY A LIQUID METAL SPREADER**

[54] **DISPOSITIF ELECTRONIQUE AVEC REFROIDISSEMENT PAR SPREADER A METAL LIQUIDE**

[72] SALAT, JACQUES, FR

[72] AVENAS, YVAN, FR

[72] MEURET, REGIS BERNARD ALBERT, FR

[72] TAWK, MANSOUR, FR

[71] HISPANO SUIZA, FR

[71] INSTITUT POLYTECHNIQUE DE GRENOBLE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2014-05-23

[86] 2012-12-11 (PCT/FR2012/052873)

[87] (WO2013/088054)

[30] FR (11 61543) 2011-12-13

[21] **2,856,834**
[13] A1

[51] **Int.Cl. F23D 14/58 (2006.01) F23D 14/32 (2006.01)**

[25] EN

[54] **STAGED OXY-FUEL BURNERS AND METHODS FOR USING THE SAME**

[54] **BRULEURS A OXY-CARBURANT A ETAGE ET PROCEDES D'UTILISATION DE CEUX-CI**

[72] GANGOLI, SHAILESH PRADEEP, US

[72] SLAVEJKOV, ALEKSANDAR GEORGI, US

[72] BUZINSKI, MICHAEL DAVID, US

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2014-05-23

[86] 2012-11-30 (PCT/US2012/067325)

[87] (WO2013/082447)

[30] US (61/565,560) 2011-12-01

[21] **2,856,835**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) B01D 15/08 (2006.01) G01N 27/62 (2006.01) G01N 30/02 (2006.01)**

[25] EN

[54] **METHODS FOR DETECTING REVERSE TRIIODOTHYRONINE BY MASS SPECTROMETRY**

[54] **PROCEDES DE DETECTION DE TRIIODOTHYRONINE INVERSE PAR SPECTROMETRIE DE MASSE**

[72] BANKS, J. FRED, US

[72] CHOU, PETER P., US

[72] MATT, NORIYA M., US

[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US

[85] 2014-05-23

[86] 2012-11-30 (PCT/US2012/067338)

[87] (WO2013/085818)

[30] US (13/311,412) 2011-12-05

[21] **2,856,839**
[13] A1

[51] **Int.Cl. C07D 211/56 (2006.01) A61K 31/4545 (2006.01) A61P 29/00 (2006.01) C07D 211/62 (2006.01) C07D 295/135 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01) C07D 405/06 (2006.01) C07D 413/06 (2006.01) C07D 417/04 (2006.01)**

[25] EN

[54] **SUBSTITUTED ANILINES AS CCR(4) ANTAGONISTS**

[54] **ANILINES SUBSTITUEES EN TANT QU'ANTAGONISTES DE CCR(4)**

[72] CHARVAT, TREVOR T., US

[72] FAN, JUNFA, US

[72] LANGE, CHRISTOPHER W., US

[72] LELETI, MANMOHAN REDDY, US

[72] LI, YANDONG, US

[72] MALI, VENKAT REDDY, US

[72] MCMAHON, JEFFREY P., US

[72] POWERS, JAY, US

[72] PUNNA, SREENIVAS, US

[72] YANG, JU, US

[71] CHEMOCENTRYX, INC., US

[85] 2014-05-23

[86] 2012-11-30 (PCT/US2012/067385)

[87] (WO2013/082490)

[30] US (61/565,968) 2011-12-01

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<p style="text-align: right;">[21] 2,856,847 [13] A1</p> <p>[51] Int.Cl. A61K 47/44 (2006.01) A61K 31/203 (2006.01) A61K 31/506 (2006.01) A61K 31/5575 (2006.01) A61K 31/56 (2006.01) A61K 31/58 (2006.01) A61P 17/14 (2006.01)</p> <p>[25] EN</p> <p>[54] OIL COMPOSITIONS AND METHODS FOR INCREASING HAIR GROWTH AND/OR PREVENTING HAIR LOSS</p> <p>[54] COMPOSITIONS HUILEUSES ET METHODES DESTINEES A ACCROITRE LA CROISSANCE DES CHEVEUX ET/OU A PREVENIR LA PERTE DES CHEVEUX</p> <p>[72] JACKSON, ADRIANNA JANELL, US</p> <p>[71] JACKSON, ADRIANNA JANELL, US</p> <p>[85] 2014-05-23</p> <p>[86] 2012-11-20 (PCT/US2012/066166)</p> <p>[87] (WO2013/078259)</p> <p>[30] US (61/563,605) 2011-11-25</p>	<p style="text-align: right;">[21] 2,856,860 [13] A1</p> <p>[51] Int.Cl. C12N 5/078 (2010.01) C12N 5/073 (2010.01) A61B 17/435 (2006.01) A61K 35/14 (2006.01) A61K 35/54 (2006.01) A61P 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF IN VITRO FERTILIZATION WITH DELAY OF EMBRYO TRANSFER AND USE OF PERIPHERAL BLOOD MONONUCLEAR CELLS</p> <p>[54] METHODE DE FECONDATION IN VITRO AVEC DELAI DU TRANSFERT D'EMBRYON ET UTILISATION DE CELLULES MONONUCLEAIRES DU SANG PERIPHERIQUE</p> <p>[72] FESKOV, ALEXANDER, UA</p> <p>[72] FESKOVA, IRINA, UA</p> <p>[72] ZHYLKOVA, IEVGENIIA, UA</p> <p>[72] ZHILKOV, STANISLAV, US</p> <p>[71] MEZADATA MEDICAL IP HOLDING LLP, US</p> <p>[85] 2014-05-23</p> <p>[86] 2012-11-21 (PCT/US2012/066258)</p> <p>[87] (WO2013/078312)</p> <p>[30] US (61/629,651) 2011-11-23</p> <p>[30] US (13/655,257) 2012-10-18</p>	<p style="text-align: right;">[21] 2,856,865 [13] A1</p> <p>[51] Int.Cl. G01S 19/24 (2010.01)</p> <p>[25] EN</p> <p>[54] DIGITAL BEAM-FORMING FOR SIMULTANEOUSLY MITIGATING WEAK AND STRONG INTERFERENCE IN A NAVIGATION SYSTEM</p> <p>[54] FORMATION DE FAISCEAU NUMERIQUE PERMETTANT DE LUTTER SIMULTANEMENT CONTRE LES BROUILLAGES FAIBLES ET FORTS DANS UN SYSTEME DE NAVIGATION</p> <p>[72] DICKMAN, JEFF, US</p> <p>[72] COSGROVE, MATHEW A., US</p> <p>[71] NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC., US</p> <p>[85] 2014-05-23</p> <p>[86] 2012-12-13 (PCT/US2012/069505)</p> <p>[87] (WO2013/090571)</p> <p>[30] US (61/576,205) 2011-12-15</p>
		<p style="text-align: right;">[21] 2,856,883 [13] A1</p> <p>[51] Int.Cl. A61H 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PHYSICAL THERAPY SUPPORT DEVICE</p> <p>[54] DISPOSITIF DE SUPPORT DE THERAPIE PHYSIQUE</p> <p>[72] DRESKE, EDWARD RONALD, US</p> <p>[71] RETRAINER INC., US</p> <p>[85] 2014-05-23</p> <p>[86] 2013-01-04 (PCT/US2013/020272)</p> <p>[87] (WO2013/103805)</p> <p>[30] US (13/345,020) 2012-01-06</p>

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[13] A1
[51] **Int.Cl. C07C 11/02 (2006.01) C07C 5/05 (2006.01) C07C 5/09 (2006.01) C07C 5/333 (2006.01)**
[25] EN
[54] **PROCESSES AND HYDROCARBON PROCESSING APPARATUSES FOR PREPARING MONO-OLEFINS**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT D'HYDROCARBURES POUR LA PREPARATION DE MONO-OLEFINES**
[72] KOZUP, STEVEN C., US
[72] ZIMMERMANN, JOSEPH EDWARD, US
[71] UOP LLC, US
[85] 2014-05-23
[86] 2013-01-29 (PCT/US2013/023576)
[87] (WO2013/122736)
[30] US (13/399,796) 2012-02-17

[21] **2,856,895**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-PD-L1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-PD-L1 ET UTILISATIONS ASSOCIEES**
[72] NASTRI, HORACIO G., US
[72] IFFLAND, CHRISTEL, US
[72] LEGER, OLIVIER, FR
[72] AN, QI, US
[72] CARTWRIGHT, MARK, US
[72] MCKENNA, SEAN D., US
[72] SOOD, VANITA D., US
[72] HAO, GANG, US
[71] MERCK PATENT GMBH, DE
[85] 2014-05-26
[86] 2012-11-21 (PCT/EP2012/004822)
[87] (WO2013/079174)
[30] US (61/563,903) 2011-11-28

[21] **2,856,893**
[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHOD FOR DETERMINING FOCUS DEPTH OF A REFRACTIVE LASER**
[54] **PROCEDE DE TRAITEMENT D'IMAGE DESTINE A DETERMINER LA PROFONDEUR DU FOYER D'UN LASER REFRACTIF**
[72] WARM, BERNDT, DE
[71] WAVELIGHT GMBH, DE
[85] 2014-05-26
[86] 2011-12-29 (PCT/EP2011/006605)
[87] (WO2013/097881)

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[51] Int.Cl. B24D 9/08 (2006.01) B24B 45/00 (2006.01) B24D 7/16 (2006.01) B24D 11/02 (2006.01)	[51] Int.Cl. A47C 7/46 (2006.01) A47C 1/024 (2006.01) A47C 7/40 (2006.01)	[51] Int.Cl. E21B 19/02 (2006.01) E21B 19/22 (2006.01) E21B 23/00 (2006.01) E21B 23/14 (2006.01) E21B 33/072 (2006.01)
[25] EN	[25] EN	[25] EN
[54] SURFACE TREATING APPARATUS AND METHOD	[54] CHAIR BACK WITH LUMBAR AND PELVIC SUPPORTS	[54] WIRELIN ENTRY SUB
[54] APPAREIL ET PROCÉDE DE TRAITEMENT DE SURFACE	[54] DOSSIER DE FAUTEUIL EQUIPE DE SUPPORTS POUR LES LOMBAIRES ET LE BASSIN	[54] REDUCTION D'ENTREE DE CABLE DE FORAGE
[72] MARTON, MIKSA, CA	[72] BELLINGAR, TERESA, US	[72] ANGMAN, PER G., CA
[71] ESTATE OF MIKSA MARTON, CA	[72] BEYER, PETE J., US	[72] WARREN, TOMMY M., US
[22] 2011-08-09	[72] WILKERSON, LARRY A., US	[71] SCHLUMBERGER OILFIELD HOLDINGS LTD., VG
[41] 2012-02-16	[72] WILLETTE, JOE, US	[22] 2006-07-18
[62] 2,777,195	[71] HAWORTH, INC., US	[41] 2007-01-25
[30] IB (PCT/IB2010/001988) 2010-08-10	[22] 2006-03-01	[62] 2,615,543
	[41] 2006-09-08	[30] US (60/595,607) 2005-07-19
	[62] 2,600,312	[30] US (60/595,910) 2005-08-16
	[30] US (60/657,312) 2005-03-01	
[21] 2,849,129 [13] A1	[21] 2,852,121 [13] A1	[21] 2,853,269 [13] A1
[51] Int.Cl. E21B 19/02 (2006.01) E21B 19/22 (2006.01) E21B 23/00 (2006.01) E21B 23/14 (2006.01) E21B 33/072 (2006.01)	[51] Int.Cl. F22B 7/16 (2006.01) E21B 43/24 (2006.01) E21B 43/40 (2006.01)	[51] Int.Cl. E21B 21/00 (2006.01) E21B 37/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] WIRELIN ENTRY SUB	[54] METHOD AND SYSTEM FOR RECOVERING OIL AND GENERATING STEAM FROM PRODUCED WATER	[54] METHODS AND SYSTEMS OF TREATING A WELLBORE
[54] REDUCTION D'ENTREE DE CABLE DE FORAGE	[54] PROCÉDE ET SYSTÈME POUR RECUPERER DU PETROLE ET GENERER DE LA VAPEUR A PARTIR D'EAU PRODUITE	[54] PROCEDES ET SYSTEMES DE TRAITEMENT D'UN Puits DE FORAGE
[72] ANGMAN, PER G., CA	[72] MINNICH, KEITH, CA	[72] BALLARD, DAVID ANTONY, GB
[72] WARREN, TOMMY M., US	[71] HPD, LLC, US	[72] POPPLESTONE, ANDY, GB
[71] SCHLUMBERGER OILFIELD HOLDINGS LTD., VG	[22] 2010-02-08	[71] M-I DRILLING FLUIDS UK LIMITED, GB
[22] 2006-07-18	[41] 2010-08-12	[22] 2009-03-06
[41] 2007-01-25	[62] 2,751,701	[41] 2009-09-17
[62] 2,615,543	[30] US (61/150,598) 2009-02-06	[62] 2,718,072
[30] US (60/595,607) 2005-07-19		[30] US (61/036,018) 2008-03-12
[30] US (60/595,910) 2005-08-16		

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[13] A1

[51] **Int.Cl. H02J 11/00 (2006.01) F03D 7/00 (2006.01) F03D 9/00 (2006.01) H02P 9/04 (2006.01)**

[25] EN

[54] **A LOW VOLTAGE RIDE THROUGH SYSTEM FOR A VARIABLE SPEED WIND TURBINE HAVING AN EXCITER MACHINE AND A POWER CONVERTER NOT CONNECTED TO THE GRID**

[54] **SYSTEME BASSE TENSION A PERIODE DE GRACE POUR EOLIENNE A VITESSE VARIABLE AVEC EXCITATRICE ET CONVERTISSEUR DE PUISSANCE SANS RACCORDEMENT AU RESEAU**

[72] RIVAS, GREGORIO, ES
[72] GARMENDIA, IKER, ES
[72] ELORRIAGA, JOSU, ES
[72] MAYOR, JESUS, ES
[72] BARBACHANO, JAVIER PEREZ, ES
[72] SOLE, DAVID, ES
[72] ACEDO, JORGE, ES
[71] INGETEAM POWER TECHNOLOGY, S.A., ES
[22] 2007-04-24
[41] 2008-07-17
[62] 2,676,120
[30] US (11/618,211) 2006-12-29

[21] **2,853,370**
[13] A1

[51] **Int.Cl. E21B 33/128 (2006.01) E21B 33/12 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **ANNULAR BARRIER AND ANNULAR BARRIER SYSTEM**

[54] **BARRIERE ANNULAIRE ET SYSTEME DE BARRIERE ANNULAIRE**

[72] HALLUNDBAEK, JOGEN, DK
[72] HAZEL, PAUL, GB
[71] WELLTEC A/S, DK
[22] 2010-01-12
[41] 2010-07-15
[62] 2,746,015
[30] EP (09150385.4) 2009-01-12

[21] **2,853,396**
[13] A1

[51] **Int.Cl. F16B 37/04 (2006.01) B21D 28/06 (2006.01) B21D 28/10 (2006.01) B21D 53/24 (2006.01) F16B 27/00 (2006.01)**

[25] EN

[54] **COLLATED T-NUT APPARATUS AND METHOD OF MANUFACTURING COLLATED T-NUTS AND APPARATUS AND METHOD FOR SEVERING AND INSERTING COLLATED T-NUTS**

[54] **APPAREIL D'ECROUS A POINTES A ENFONCER ASSEMBLES ET SON PROCEDE DE FABRICATION ET APPAREIL ET PROCEDE DESTINE A DISSOCIER ET INSERER DES ECROUS A POINTES A ENFONCER ASSEMBLES**

[72] DIETER, JONATHAN WAYNE, US
[72] SELLE, STEPHEN R., US
[71] STAFAST PRODUCTS, INC., US
[22] 2012-01-13
[41] 2012-07-26
[62] 2,801,238
[30] US (61/433,300) 2011-01-17
[30] US (13/313,414) 2011-12-07
[30] US (13/313,657) 2011-12-07
[30] US (13/313,570) 2011-12-07

[21] **2,853,398**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01)**

[25] EN

[54] **DOWNHOLE APPARATUS, DEVICE, ASSEMBLY AND METHOD**

[54] **APPAREIL, DISPOSITIF, ENSEMBLE ET PROCEDE EN FOND DE TROU**

[72] FRASER, SIMON BENEDICT, GB
[71] INTELLIGENT WELL CONTROLS LIMITED, GB
[22] 2010-07-02
[41] 2011-01-13
[62] 2,766,729
[30] GB (0911844.9) 2009-07-08

[21] **2,853,591**
[13] A1

[51] **Int.Cl. A61C 7/02 (2006.01) A61C 7/12 (2006.01) A61C 7/20 (2006.01) B21F 45/00 (2006.01) G01B 21/20 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR SHAPING AN ORTHODONTIC ARCHWIRE**

[54] **METHODE ET DISPOSITIF DE MISE EN FORME D'UN FIL METALLIQUE POUR ARC ORTHODONTIQUE**

[72] RUBBERT, RUEDGER, DE
[72] WEISE, THOMAS, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[22] 2005-11-15
[41] 2006-05-22
[62] 2,527,056
[30] US (10/992,808) 2004-11-22

[21] **2,853,811**
[13] A1

[51] **Int.Cl. G01N 1/28 (2006.01) E21B 49/08 (2006.01) G01N 1/44 (2006.01)**

[25] EN

[54] **DETERMINING FORMATION FLUID COMPOSITION**

[54] **DETERMINATION DE LA COMPOSITION D'UN FLUIDE DE FORMATION**

[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2008-12-16
[41] 2010-06-24
[62] 2,717,892

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[21] **2,853,815**
[13] A1

[51] **Int.Cl. E21B 43/1185 (2006.01) E21B 43/116 (2006.01)**
[25] EN
[54] **NOVEL DEVICE AND METHODS FOR FIRING PERFORATING GUNS**
[54] **NOUVEAU DISPOSITIF ET NOUVEAUX PROCÉDES DE DECLENCHEMENT DE PERFORATEURS**
[72] LAGRANGE, TIMOTHY EDWARD, US
[72] ANDRICH, LYLE W., US
[71] OWEN OIL TOOLS LP, US
[22] 2006-02-28
[41] 2006-09-08
[62] 2,599,811
[30] US (11/069,600) 2005-03-01

[21] **2,854,304**
[13] A1

[51] **Int.Cl. C04B 41/87 (2006.01) C04B 35/56 (2006.01) C23C 30/00 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **CARBIDE CUTTING INSERT**
[54] **INSERT DE COUPE AU CARBURE**
[72] BOST, JOHN, US
[72] FANG, X. DANIEL, US
[72] WILLS, DAVID J., US
[72] TONNE, EDWIN, US
[71] TDY INDUSTRIES, LLC, US
[22] 2008-02-15
[41] 2008-08-28
[62] 2,677,554
[30] US (11/676,394) 2007-02-19

[21] **2,854,901**
[13] A1

[51] **Int.Cl. B22F 1/02 (2006.01) C08J 3/22 (2006.01) C08K 9/10 (2006.01)**
[25] EN
[54] **DRY-COATED OXYGEN-SCAVENGING PARTICLES AND METHODS OF MAKING THEM**
[54] **PARTICULES DESOXYGENANTES ENROBÉES A SEC, ET METHODES DE PRODUCTION DES PARTICULES**
[72] SOLOVYOV, STANISLAV E., US
[71] MULTISORB TECHNOLOGIES, INC., US
[22] 2006-07-20
[41] 2007-02-01
[62] 2,616,032
[30] US (11/161,053) 2005-07-21

[21] **2,854,961**
[13] A1

[51] **Int.Cl. H04W 48/08 (2009.01) H04W 4/14 (2009.01) H04W 24/04 (2009.01)**
[25] EN
[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GERE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[71] QUALCOMM INCORPORATED, US
[22] 2009-03-26
[41] 2009-10-01
[62] 2,719,604
[30] US (61/039,728) 2008-03-26
[30] US (61/102,325) 2008-10-02
[30] US (12/407,714) 2009-03-19

[21] **2,855,020**
[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **ROTATING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE ROTATIF**
[72] HOYER, CAREL W., GB
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] JACOBS, MELVIN T., US
[72] WHITE, NICKY A., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2010-07-27
[41] 2011-01-31
[62] 2,711,621
[30] US (12/462,266) 2009-07-31

[21] **2,855,044**
[13] A1

[51] **Int.Cl. D21C 1/10 (2006.01) B01J 19/08 (2006.01) C08B 30/02 (2006.01) C10L 1/02 (2006.01) C10L 3/00 (2006.01) C12P 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C13K 1/02 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS**
[54] **TRANSFORMATION DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2009-04-28
[41] 2009-11-19
[62] 2,722,601
[30] US (61/049,419) 2008-04-30
[30] US (61/049,415) 2008-04-30
[30] US (61/049,413) 2008-04-30
[30] US (61/049,404) 2008-04-30
[30] US (61/073,496) 2008-06-18
[30] US (12/417,880) 2009-04-03

[21] **2,855,045**
[13] A1

[51] **Int.Cl. A61K 31/145 (2006.01) A61K 9/10 (2006.01) A61K 47/14 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **TOPICAL DAPSONE FOR THE TREATMENT OF ACNE**
[54] **APPLICATION TOPIQUE DE DAPSONE POUR TRAITER L'ACNE**
[72] OSBORNE, DAVID W., US
[71] ALLERGAN, INC., US
[22] 2002-03-18
[41] 2003-09-04
[62] 2,776,702
[30] US (10/081,050) 2002-02-20

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[21] **2,855,056**
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **A METHOD OF TREATING CANCER COMPRISING A VEGF-B ANTAGONIST**

[54] **PROCEDE DE TRAITEMENT DU CANCER COMPRENANT UN ANTAGONISTE DE VEGF-B**

[72] NASH, ANDREW, AU

[72] BACA, MANUEL, AU

[72] FABRI, LOUIS JERRY, AU

[72] SCOTNEY, PIERRE DAVID, AU

[72] DUNLOP, FELICITY MEREDITH, AU

[71] ZENYTH OPERATIONS PTY LTD, AU

[22] 2005-08-02

[41] 2006-02-09

[62] 2,575,901

[30] US (60/598,158) 2004-08-02

[30] US (60/634,444) 2004-12-09

[21] **2,855,108**
[13] A1

[51] **Int.Cl. G01N 1/10 (2006.01)**

[25] EN

[54] **DUAL SAMPLE CARTRIDGE AND METHOD FOR CHARACTERIZING PARTICLES IN LIQUID**

[54] **CARTOUCHE ECHANTILLON DOUBLE ET PROCEDE DE CARACTERISATION D'UNE PARTICULE DANS UN LIQUIDE**

[72] LARSEN, ULRIK DARLING, DK

[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL

[22] 2006-02-10

[41] 2006-08-17

[62] 2,597,496

[30] DK (PA 2005 00199) 2005-02-10

[30] US (60/655,416) 2005-02-24

[21] **2,855,114**
[13] A1

[51] **Int.Cl. A41D 13/12 (2006.01) A61B 19/12 (2006.01)**

[25] EN

[54] **RECOVERY GARMENT**

[54] **VETEMENT DE RETABLISSEMENT**

[72] MCGRATH, CATHERINE E., US

[71] MCGRATH, CATHERINE E., US

[22] 2006-01-17

[41] 2006-07-18

[62] 2,533,031

[30] US (60/644,771) 2005-01-18

[21] **2,855,159**
[13] A1

[51] **Int.Cl. B65B 67/12 (2006.01) B65B 5/04 (2006.01) B65B 67/04 (2006.01)**

[25] EN

[54] **CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL**

[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**

[72] MORAND, MICHEL, CA

[71] ANGELCARE DEVELOPMENT INC., CA

[22] 2008-10-03

[41] 2009-04-05

[62] 2,640,384

[30] EP (07019571.4) 2007-10-05

[21] **2,855,163**
[13] A1

[51] **Int.Cl. A23L 2/42 (2006.01) A23L 2/38 (2006.01) A23L 2/70 (2006.01) B65B 55/00 (2006.01) C02F 1/46 (2006.01)**

[25] EN

[54] **BEVERAGE MANUFACTURE, PROCESSING, PACKAGING AND DISPENSING USING ELECTROCHEMICALLY ACTIVATED WATER**

[54] **FABRICATION, TRAITEMENT, CONDITIONNEMENT ET DISTRIBUTION DE BOISSONS UTILISANT DE L'EAU A ACTIVATION ELECTROCHIMIQUE**

[72] KIRKPATRICK, ROBIN DUNCAN, ZA

[71] RADICAL WATERS INTERNATIONAL LIMITED, GG

[22] 2009-02-06

[41] 2009-08-13

[62] 2,714,234

[30] US (61/026,960) 2008-02-07

[21] **2,855,170**
[13] A1

[51] **Int.Cl. G02C 5/00 (2006.01)**

[25] EN

[54] **EYEWEAR**

[54] **ARTICLE DE LUNETTERIE**

[72] REYES, CARLOS D., US

[72] TRAN, AN, US

[72] SAYLOR, RYAN, US

[72] CASTRO, JAMES NELSON, US

[72] TAZBAZ, ERROL, US

[72] GINTHER, DAVID, US

[71] OAKLEY, INC., US

[22] 2011-03-18

[41] 2011-09-22

[62] 2,793,518

[30] US (61/315752) 2010-03-19

[30] US (61/426222) 2010-12-22

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[21] **2,855,225**
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **DYNAMIC RESERVOIR ENGINEERING**
[54] **ETUDES ET CALCULS DE CONCEPTION DE RESERVOIR**
[72] CRICK, MARTIN, GB
[72] BULMAN, SIMON, GB
[72] O'HALLORAN, COLM, IE
[72] WARDELL-YERBURGH, PETER, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2009-01-13
[41] 2009-07-15
[62] 2,649,439

[21] **2,855,229**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 5/077 (2010.01) A61K 31/7088 (2006.01) A61K 31/7125 (2006.01) A61P 21/00 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **MODULATION OF EXON RECOGNITION IN PRE-MRNA BY INTERFERING WITH THE SECONDARY RNA STRUCTURE**
[54] **MODULATION DE L'IDENTIFICATION D'EXONS DANS UN ARNM PREMESSAGER, PAR INTERFERENCE DANS UNE STRUCTURE ARN SECONDAIRE**
[72] VAN OMMEN, GARRIT-JAN BOUDEWIJN, NL
[72] VAN DEUTEKOM, JUDITH CHRISTINA, NL
[72] DEN DUNNEN, JOHANNES THEODORUS, NL
[72] AARTSMA-RUS, ANNEMIEKE, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN, NL
[22] 2004-03-22
[41] 2004-09-30
[62] 2,519,863
[30] NL (PCT/NL03/00214) 2003-03-21

[21] **2,855,275**
[13] A1

[51] **Int.Cl. H04W 76/04 (2009.01) H04W 28/12 (2009.01) H04W 80/02 (2009.01)**
[25] EN
[54] **SETTING UP A FULL-DUPLEX COMMUNICATION SESSION AND TRANSITIONING BETWEEN HALF-DUPLEX AND FULL-DUPLEX DURING A COMMUNICATION SESSION WITHIN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **ETABLISSEMENT D'UNE SESSION DE COMMUNICATION BIDIRECTIONNELLE SIMULTANEE ET TRANSITION ENTRE COMMUNICATIONS BIDIRECTIONNELLE A L'ALTERNAT ET BIDIRECTIONNELLE SIMULTANEE DURANT UNE SESSION DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] RAZDAN, ASHU, US
[72] ROSEN, ERIC, US
[72] ROSS, DAVID, US
[72] BREWER, BETH, US
[72] ANANTHANARAYANAN, ARULMOZHI, US
[71] QUALCOMM INCORPORATED, US
[22] 2009-08-11
[41] 2010-02-18
[62] 2,730,455
[30] US (61/188,590) 2008-08-11
[30] US (12/538,618) 2009-08-10

[21] **2,855,306**
[13] A1

[51] **Int.Cl. A61K 31/454 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS USING 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE FOR TREATMENT AND MANAGEMENT OF MULTIPLE MYELOMA**
[54] **METHODES ET COMPOSITIONS UTILISANT DU 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE POUR LE TRAITEMENT ET LA GESTION DE MYELOMES MULTIPLES**
[72] ZELDIS, JEROME B., US
[71] CELGENE CORPORATION, US
[22] 2003-05-16
[41] 2003-11-27
[62] 2,727,830
[30] US (60/380,842) 2002-05-17
[30] US (60/424,600) 2002-11-06

[21] **2,855,313**
[13] A1

[51] **Int.Cl. H04B 1/7143 (2011.01) H04B 1/713 (2011.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR SPREADING SEQUENCE HOPPING IN CODE-MULTIPLEXED CONTROL CHANNELS**
[54] **PROCEDE ET APPAREIL DE SAUT DE SEQUENCE D'ETALEMENT DANS DES CANAUX DE COMMANDE A MULTIPLEXAGE PAR CODE**
[72] PARKVALL, STEFAN, SE
[72] CHENG, JUNG-FU, US
[72] WANG, YI-PIN ERIC, US
[71] UNWIRED PLANET, LLC, US
[22] 2004-12-17
[41] 2006-03-23
[62] 2,579,429

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[21] **2,855,359**
[13] A1

[51] **Int.Cl. A61K 31/454 (2006.01) A61K 31/198 (2006.01) A61K 31/573 (2006.01) A61K 31/675 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS USING 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE FOR TREATMENT AND MANAGEMENT OF MULTIPLE MYELOMA**

[54] **METHODS ET COMPOSITIONS UTILISANT DU 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE POUR LE TRAITEMENT ET LA GESTION DE MYELOMES MULTIPLES**

[72] ZELDIS, JEROME B., US
[71] CELGENE CORPORATION, US
[22] 2003-05-16
[41] 2003-11-27
[62] 2,727,830
[30] US (60/380,842) 2002-05-17
[30] US (60/424,600) 2002-11-06

[21] **2,855,382**
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01) G06F 7/00 (2006.01)**

[25] EN

[54] **FAST IDENTIFICATION OF COMPLEX STRINGS IN A DATA STREAM**

[54] **IDENTIFICATION RAPIDE DE CHAINES COMPLEXES DANS UN FLUX DE DONNEES**

[72] BOYCE, KEVIN GERARD, CA
[71] TREND MICRO INCORPORATED, JP
[22] 2007-02-26
[41] 2008-08-26
[62] 2,579,561

[21] **2,855,398**
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01) G06F 7/00 (2006.01)**

[25] EN

[54] **FAST IDENTIFICATION OF COMPLEX STRINGS IN A DATA STREAM**

[54] **IDENTIFICATION RAPIDE DE CHAINES COMPLEXES DANS UN FLUX DE DONNEES**

[72] BOYCE, KEVIN GERARD, CA
[71] TREND MICRO INCORPORATED, JP
[22] 2007-02-26
[41] 2008-08-26
[62] 2,579,561

[21] **2,855,415**
[13] A1

[51] **Int.Cl. C07K 5/087 (2006.01) A61K 38/05 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07C 229/36 (2006.01) C07D 265/32 (2006.01)**

[25] EN

[54] **PHENYLALANINE DERIVATIVES**

[54] **DERIVES DE PHENYLALANINE**

[72] BURKE, TERRANCE R., JR., US
[72] GAO, YANG, US
[72] YAO, ZHU-JUN, US
[72] YANG, DAJUN, US
[71] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] GEORGETOWN UNIVERSITY, US
[22] 2000-03-23
[41] 2000-09-28
[62] 2,368,733
[30] US (60/126,047) 1999-03-23

[21] **2,855,479**
[13] A1

[51] **Int.Cl. G10L 19/008 (2013.01) H04S 1/00 (2006.01) H04S 3/00 (2006.01)**

[25] EN

[54] **AUDIO SIGNAL DECODER, METHOD FOR DECODING AN AUDIO SIGNAL AND COMPUTER PROGRAM USING CASCADED AUDIO OBJECT PROCESSING STAGES**

[54] **DECODEUR DE SIGNAL AUDIO, PROCEDURE DE DECODAGE DE SIGNAL AUDIO ET PROGRAMME D'ORDINATEUR UTILISANT DES ETAPES DE TRAITEMENT EN CASCADE D'OBJETS AUDIO**

[72] HELLMUTH, OLIVER, DE
[72] FALCH, CORNELIA, DE
[72] HERRE, JURGEN, DE
[72] HILPERT, JOHANNES, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIEV, LEONID, DE
[71] FRAUNHOFER-GELLELSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[22] 2010-06-23
[41] 2010-12-29
[62] 2,766,727
[30] US (61/220,042) 2009-06-24

[21] **2,855,844**
[13] A1

[51] **Int.Cl. H04W 72/12 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENHANCED UPLINK MULTIPLEXING**

[54] **PROCEDURE ET DISPOSITIF DE MULTIPLEXAGE EN LIAISON MONTANTE AMELIORE**

[72] TERRY, STEPHEN E., US
[71] INTEL CORPORATION, US
[22] 2005-07-05
[41] 2006-02-23
[62] 2,776,885
[30] US (60/588,960) 2004-07-19
[30] US (11/113,763) 2005-04-25

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		VACHON, GUY P.	2,684,291	WALTERMO, ASA	2,652,500
		VAN BERLO, MARTINUS MARIANUS MARIA	2,721,676	WANG, DONG	2,727,102
		VAN DE LANGKRUIS, JORGEN	2,627,070	WANG, FRANK C.	2,709,695
		VAN DEN BERG, ANKE	2,548,896	WANG, JUN	2,669,156
		VAN DEN BOSCH, WILLEM FREDERIK	2,527,661	WANG, KUN	2,709,695
		VAN DER LEIJ, JUDITH	2,548,896	WANG, Q. MAY	2,697,205
		VAN DUINEN, RAIMOND	2,527,661	WANG, QINGTAO	2,806,289
		NICOLAAS BRUNO	2,691,830	WANG, YING	2,684,331
		VAN REMORTEL, SCOTT	2,548,896	WANG, ZHONGLIN	2,679,104
		VAN WEEGHEL, ROB P.		WARBURG, BARBARA LOUISE	2,826,195
				WARD, JULIE	2,713,499
				WARD, LINDLEY	2,615,652
				WARD, MATTHEW L.	2,755,033

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WARNER, JIM F.	2,747,515	WYMAN, JEFFREY	2,728,905	ZIV, ELAN	2,560,877
WASSON, PAUL M.	2,527,970	WYSZOGRODZKI, WOJCIECH	2,680,514	ZLOBEC, SANRO	2,645,990
WATCHGUARD TECHNOLOGIES, INC.	2,644,237	XEROX CORPORATION	2,627,496	ZMINA, THERESE	2,608,017
WATER PIK, INC.	2,678,769	XEROX CORPORATION	2,714,737	ZODDA, JULIUS P.	2,579,073
WATERLOO INDUSTRIES, INC.	2,702,184	XIE, MING	2,610,096	ZOS COMMUNICATIONS, LLC	2,701,303
WATERS, GEORGE	2,641,332	XU, LIANG	2,759,666	ZUCHNER, STEPHAN	2,545,917
WAUKESHA ELECTRIC SYSTEMS, INC.	2,593,528	XU, YANG	2,758,495	ZWIERS, PETER	2,548,896
WEATHERFORD/LAMB, INC.	2,750,697	XUE, HAO	2,693,659		
WEAVER, MAX ALLEN	2,588,538	XYLECO, INC.	2,823,310		
WEBER, JAN	2,537,951	XYLECO, INC.	2,823,376		
WEBSTER, NATHAN	2,575,043	YABUKI, SHOGO	2,725,478		
WEI, ZHENXIA	2,806,289	YALE UNIVERSITY	2,654,508		
WELTON, THOMAS D.	2,792,567	YALURIS, GEORGE	2,544,918		
WETHERBEE, TRENT R.	2,779,053	YAMADA, HITOSHI	2,611,724		
WEYERHAEUSER NR COMPANY	2,713,903	YAMAZAKI, TORU	2,783,552		
WHATLEY, CARL L.	2,661,819	YANG, DIFEI	2,469,015		
WHITAKER, CARL T.	2,678,769	YANG, DUN	2,486,658		
WIDEMAN, THOMAS W.	2,582,355	YANG, FAN	2,562,486		
WIDMAN, MICHAEL F.	2,697,302	YANG, MAIZHI	2,469,508		
WIEDENMANN, ULLI	2,776,569	YANG, SUXIA	2,714,737		
WILDGOOSE, JASON LEE	2,609,594	YANIV, ISAAC	2,576,115		
WILLEY, WILLIAM DANIEL	2,661,356	YANOFSKY, MARTIN F.	2,570,812		
WILLIAM MARSH RICE UNIVERSITY	2,514,496	YEAGER, JAMES W.	2,626,258		
WILLIAMS, BRIAN RANDALL	2,678,769	YEAP, TET HIN	2,645,990		
WILLIAMS, MALCOLM	2,726,259	YEARSLEY, RYAN E.	2,728,905		
WILLIAMS, ROBERT C., JR.	2,584,521	YERIAZARIAN, GARABED	2,684,291		
WILLIAMS, TIMOTHY A.	2,759,097	YEUNG, ALAN	2,693,454		
WILLIAMSON, DON	2,641,332	YIP, YVONNE YEE MAI	2,697,205		
WILSON, BRIAN CAMPBELL	2,648,633	YOKOTANI, YOSHIKAZU	2,672,165		
WILSON, ERIC J.	2,631,960	YONSON, SARA	2,547,043		
WILSON, KELCE STEVEN	2,738,169	YOO, HYEON MI	2,691,159		
WILSON, KENNETH	2,650,057	YOO, JIN SAN	2,691,159		
WILSON, LARA	2,558,112	YOSHIDA, SHINICHI	2,768,957		
WILSON, PAUL JAMES	2,684,940	YOSHIOKA, TOSHIMITSU	2,623,304		
WILSON, SEAN	2,690,661	YOTRIO GROUP CO., LTD.	2,679,104		
WINN, RICHARD GREGG	2,684,720	YOU, EUNG-DAE	2,752,835		
WINTERSTEIN, RALF	2,640,821	YOUNG, JOEL H.	2,741,907		
WITT, MICHAEL, RALPH, JUERGEN	2,675,473	YU, JUNG-PIL	2,684,435		
WITTHAUS, FRIEDRICH	2,618,828	YU, TIANLI	2,724,752		
WITTKOP, ADAM JOSEPH	2,689,206	YU, XIANJIN	2,806,289		
WITTMANN, DIETER	2,632,605	YU, YAN	2,716,395		
WOLFCRAFT GMBH	2,541,252	YUAN, SIMON	2,772,722		
WOMACK, JAMES EARL	2,718,979	YUEN, WAI-LUN	2,768,294		
WONG, NICHOLAS W.	2,743,893	YUN, CHAE OK	2,691,159		
WOOD, PAUL L.	2,812,885	ZAGHIB, KARIM	2,528,847		
WOOD, TODD A.	2,764,297	ZEALAND PHARMA A/S	2,634,743		
WOODS, MARK A.	2,636,037	ZEEVAART, JAN RIJN	2,792,742		
WOODS, SCOTT L.	2,581,762	ZEIRA, ARIELA	2,475,865		
WU, JAMES B. C.	2,595,712	ZHANG, GEOFF G.	2,582,954		
WU, STEVEN	2,657,984	ZHANG, HUI	2,469,508		
WU, WEI	2,719,823	ZHANG, JIAZHONG	2,473,289		
WU, XINGWEI	2,469,508	ZHANG, ZHENGMING	2,761,179		
WU, XINXIN	2,761,179	ZHANG, ZUOYI	2,761,179		
WU, YILIANG	2,627,496	ZHAO, XIAOMING	2,719,823		
WU, ZONGXIN	2,761,179	ZHAO, XIN	2,806,289		
WUBBELING, GUIDO	2,635,713	ZHAO, XINJIN	2,544,918		
WYATT, PAUL GRAHAM	2,593,993	ZHILING, LI	2,514,496		
		ZIEBARTH, MICHAEL SCOTT	2,544,918		
		ZIEGENFUSS, PETER J.	2,548,744		
		ZIMERI, JEANNY E.	2,562,605		
		ZIMMER TECHNOLOGY, INC.	2,601,482		
		ZINN, SCOTTE	2,634,576		
		ZISKIND, JONATHAN SCOTT	2,701,303		

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ACCENTURE GLOBAL		SUBMERSIBLE FACILITY	2,802,875	COOK, DAVID ROBERT	2,807,429
SERVICES LIMITED	2,839,072	CANADIAN SCIENTIFIC		COOK, STEVEN BROCK	2,807,429
AL ZARKA, FADY	2,801,810	SUBMERSIBLE FACILITY	2,802,902	CORNER, DANIEL	2,801,907
AL-KAABI, MOHAMMED	2,802,425	CANADIAN SCIENTIFIC		CORRAL, MAXIMINO	2,839,367
ALBARRAN, SERAFIN	2,839,367	SUBMERSIBLE FACILITY	2,802,924	COSCARELLA, GABE	2,802,269
ALSTOM TECHNOLOGY LTD	2,839,326	CANDU ENERGY INC.	2,838,551	COUSINS, LISA	2,815,990
ALTEX DECORATION		CANTEGA TECHNOLOGIES		COVIDIEN LP	2,839,214
LIMITEE	2,840,366	INC.	2,839,750	COVIDIEN LP	2,839,454
AMIGONI, MICHELE	2,837,743	CAREGO INNOVATIVE		COVIDIEN LP	2,839,458
ANGRA, PADAM K.	2,838,542	SOLUTIONS INC.	2,802,429	COVIDIEN LP	2,839,598
ANJUM, OMAR	2,801,978	CAREGO INNOVATIVE		COVIDIEN LP	2,839,888
APEX ENGINEERING INC.	2,840,675	SOLUTIONS INC.	2,807,309	COVIDIEN LP	2,839,889
ARTHERHOLT, DANNY LEE	2,809,862	CARMANAH TECHNOLOGIES		CRARY INDUSTRIES, INC.	2,839,335
ARVIND, KAMAL KUMAR	2,838,864	CORP.	2,801,686	CURLETT, JONATHAN	
ASFAW, BIRITAWIT	2,838,543	CARR, JOHN PATTEN	2,802,148	DANIEL	2,839,452
ASIGRA INC.	2,836,276	CARR, JOHN PATTEN	2,802,223	DALE, JAMES CHARLES	2,825,717
ASS, YURI	2,839,111	CARR, JOHN PATTEN	2,802,243	DAVIS, FRANK E.	2,839,367
ATOMIC ENERGY OF		CARTER, ANDREW J.	2,838,893	DE CONINCK, CEDRIC	2,839,331
CANADA LIMITED	2,839,084	CASH SYSTEMS SECURITY	2,839,596	DE JESUS VALDEZ, JOSE	2,839,367
AZZALI, PIERLUIGI	2,837,743	CASTILLO, DENNIS JONNY	2,839,367	DEERE & COMPANY	2,838,372
BAIN, MARY ELIZABETH	2,838,864	CGG SERVICES SA	2,838,857	DESPIAU, JEROME	2,839,331
BARAJAS, IGNACIO	2,839,367	CGG SERVICES SA	2,839,030	DOLE FRESH VEGETABLES,	
BARBULOVIC-NAD, IRENA	2,830,810	CGG SERVICES SA	2,839,241	INC.	2,839,367
BARILLA G. E R. FRATELLI		CHEN, MING-HSIANG	2,839,321	DRAPPEL, STEPHAN V.	2,838,477
S.P.A.	2,837,743	CHEREWYK, BRUCE	2,801,677	DRAPPEL, STEPHAN V.	2,838,598
BASCOU, RICHARD L.	2,839,367	CHIORAZZI, FRANK O.	2,815,871	DUFFY, ROBERT S.	2,816,742
BAUMAN, LEE	2,839,501	CHIORAZZI, FRANK O.	2,815,872	DUMITRU, OCTAV	2,801,830
BAUTZ, CHAD ALRY	2,834,264	CHIORAZZI, FRANK P.	2,815,871	DYNAMIC AIR SHELTERS	
BECKWITH, DARREN	2,801,686	CHIORAZZI, FRANK P.	2,815,872	LTD.	2,802,206
BELELIE, JENNIFER L.	2,838,477	CHOPRA, NAVEEN	2,838,482	EAGLE INTERNATIONAL,	
BELELIE, JENNIFER L.	2,838,482	CHOPRA, NAVEEN	2,838,598	LLC	2,839,801
BELELIE, JENNIFER L.	2,838,598	CHOPRA, NAVEEN	2,838,612	EIKOS, STEPHEN R.	2,829,980
BERGAMASCHI, GIANNI	2,840,366	CHOU, CHIH-WEI	2,835,555	EL BILALI, JASON	2,801,812
BERNARD, BRUCE	2,801,686	CHOU, HUNG-CHIEN	2,839,332	ELSYCA N.V.	2,801,748
BERSCHEIDT, KEVIN		CHRISTENSEN, TIMOTHY F.	2,838,372	EMPOWERED SCHOOLS, INC.	2,837,068
THOMAS	2,839,836	CHUDY, FREDERICK C.	2,831,156	ENVISION ENERGY	
BEYERLEIN, BARRY	2,839,488	CIRIZA, VICTOR	2,838,607	(DENMARK) APS	2,833,989
BLITZ, RICHARD ERNEST	2,811,408	CLAAS SELBSTFAHRENDE		EXCHANGE-A-BLADE LTD.	2,801,830
BLOMBERG, DAVID DONALD	2,834,264	ERNTEMASCHINEN		FAIELLA, WHITNEY M.	2,801,810
BONADDIO, VINCENZO A.	2,835,678	GMBH	2,836,145	FALLA, DANIEL J.	2,802,732
BOOTH, DAVID SHELDON	2,834,264	CLAXTON, MICKEY	2,809,862	FALLIS, MARTHA JANE	
BOOTLAND, THOMAS C.	2,838,566	CMC ELECTRONIQUE		SMITH	2,838,997
BORDINI, ANDREA	2,837,743	INC./CMC ELECTRONICS		FARAJUN, DAVID	2,836,276
BOSSCHE, BART JUUL		INC.	2,802,148	FARAJUN, ERAN	2,836,276
WILHELMINA VAN DEN	2,801,748	CMC ELECTRONIQUE		FARMWELD INC.	2,820,813
BOWEN, DOUGLAS M.	2,829,980	INC./CMC ELECTRONICS		FAUST, MICHAEL	2,839,535
BRADKEN CANADA LTD.	2,839,452	INC.	2,802,223	FERNANDO, M. ROHAN	2,839,051
BREHMER, JOE	2,839,801	CMC ELECTRONIQUE		FISCHVOGT, GREGORY	2,839,889
BRIGGS, STUART	2,802,234	INC./CMC ELECTRONICS		FLOW INDUSTRIES, LTD.	2,839,111
BROMLEY, BLAIR P.	2,839,084	INC.	2,802,243	FRANMARA, INC.	2,815,871
BROWN, CATHERINE L. J.	2,801,809	CNH AMERICA LLC	2,834,264	FRANMARA, INC.	2,815,872
BRUMMER, FRANCIS	2,820,813	COHEN, KENNETH W.	2,839,327	FRENCH, SHAWN	2,802,183
CANADA PIPELINE		COMCAST CABLE		FRIEDRICH, MICHAEL	2,833,989
ACCESSORIES, CO. LTD.	2,839,226	COMMUNICATIONS, LLC	2,839,108	FUCHTLING, CHRISTIAN	2,836,145

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FXI, INC.	2,835,678	IONICS MASS SPECTROMETRY GROUP, INC.	2,815,990	MOFFAT, KAREN A. MOHAMEDRASHEED, ANNERVAZ	2,838,543
GAO, SHOUYONG	2,839,748	ITT MANUFACTURING ENTERPRISES INC.	2,836,150	KARUKAPADATH	2,839,072
GARCERAN, KATIA	2,839,241	JANSEN, RYAN	2,820,813	MORIMITSU, KENTARO	2,838,482
GASTALDO, MICHEL	2,838,607	JAVAHERY, GHOLAMREZA	2,815,990	MOROZ, ROMAN	2,802,813
GATTY, HITHESH K.	2,802,256	JEAN, ERIC	2,838,607	MURDOCH, IAN B.	2,802,902
GAUDREALT, ROSEMARIE	2,816,064	JELMAR, LLC	2,816,064	NATIONAL STEEL CAR LIMITED	2,802,425
GAUDREAULT, ROSEMARIE	2,816,066	JELMAR, LLC	2,816,066	NEFF, MICHAEL	2,839,501
GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED	2,838,862	JENNINGS, MATTHEW J.	2,839,340	NG, TIE HWEE	2,838,611
GEEFLOSS CORPORATION	2,839,321	JENS, STEPHEN	2,839,367	NGUYEN, LESLIE	2,801,809
GEIER, DANIEL	2,833,978	JENSEN, MARTIN FRAHM	2,837,066	NGUYEN, NIGHI CHRISTOPHER	2,839,501
GENERAL ELECTRIC COMPANY	2,838,864	JIN, KI HO	2,820,560	NIGAM, ATUL	2,838,864
GERSTNER, MICHAEL ANTHONY	2,802,416	JOHNS, KEVIN	2,839,108	NILES, MARTIN	2,839,750
GIGLER, PETER	2,839,215	JOHNSON, GARY R.	2,839,798	NILSON, MICHAEL A.	2,839,335
GLO-BLADES INTERNATIONAL INC.	2,839,283	JOHNSON, STEVEN J.	2,839,211	NITTI, ANTONIO	2,837,923
GORDON, TSANG TO LEUNG	2,829,980	JOLLIFFE, CHARLES	2,815,990	NOLES, JOE R.	2,802,234
GOREDEMA, ADELA	2,838,477	JORDAN, PETER	2,836,150	NORDION (CANADA) INC.	2,828,822
GOREDEMA, ADELA	2,838,482	KABISHCHER, GENNADI	2,839,111	NOVA CHEMICALS CORPORATION	2,802,732
GOREDEMA, ADELA	2,838,598	KAULGUD, VIKRANT	2,839,072	NOVACEK, JASON KEITH	2,834,264
GRANT, RICHARD K.	2,838,893	KELLER, NATHANIEL JAMES	2,834,264	NOVATEL INC.	2,839,110
GRAY, TOM	2,838,566	KHATIB, HASAN	2,839,328	OBEROI, SONIA	2,802,234
GRIFFITH, SHELDON	2,801,677	KNIESBURGES, PETER	2,839,326	OBINA, LILLY A.	2,802,502
HALDOR TOPSOE A/S	2,837,066	KORCZ, KRZYSZTOF	2,839,211	OIL STATES ENERGY SERVICES, L.L.C.	2,809,862
HALLE, CARL	2,802,881	KRISHNAMOORTHY, SRINIVASAN	2,801,990	OMS INVESTMENTS, INC.	2,839,535
HALLIBURTON ENERGY SERVICES, INC.	2,839,836	LAMERS, CYNTHIA	2,814,616	OZUM, BAKI	2,840,675
HALLMARK CARDS, INCORPORATED	2,829,980	LARSON, ERIK ANDREW	2,834,264	PACEY, KENDALL LEE	2,839,836
HANEY, RALPH	2,839,283	LARSON, JAY MICHAEL	2,834,264	PAI, YOGISH	2,811,408
HANSEN, CLAUS FALLESEN	2,837,066	LE MEUR, DAVID	2,839,241	PANASONIC AVIONICS CORPORATION	2,835,555
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HENRY, ROB	2,839,204	LEVESQUE, LUC	2,802,416	PARKS, STEVE	2,802,206
HERTSGAARD, TIMOTHY RALPH	2,834,264	LIAU, GEORGE UH-SCHU	2,803,835	PAUL, SANJOY	2,839,072
HESSLER, THOMAS R.	2,839,214	LIEVRE, GERALDINE	2,838,607	PEDERSON, LES	2,839,801
HILLS, MATTHEW PHILIP	2,802,148	LOLLAR, JAMES PATRICK	2,839,860	PESHWE, SHIRISH KISHORE	2,811,408
HILLS, MATTHEW PHILIP	2,802,223	LONG, MIN	2,839,748	PETELKA INVESTMENTS INC.	2,839,204
HILLS, MATTHEW PHILIP	2,802,243	LUO, ZHIDONG	2,839,488	PETELKA, BRIAN W.	2,839,204
HINZ, DANIEL LAROY	2,834,264	MACDONALD, CODY J.	2,800,605	PETERS, KELLY	2,836,276
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HNATIW, ALAN JULIAN PAUL	2,802,243	MALDONADOD MAGANA, MANUEL	2,839,367	PICHETTE, STEPHANIE	2,801,907
HOCHSCHULER, STEPHEN H.	2,838,893	MALKOWSKI, JAROSLAW T.	2,839,454	PROCELLO, JULIE K.	2,839,801
HOGESTYN, BART	2,839,221	MANTIE, JEFFREY R.	2,822,970	QIN, JIANBING	2,839,051
HOLUBOWICZ, STANISLAW K.	2,850,884	MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK	2,839,217	QIU, SHIGANG	2,838,611
HOWELL, MATTHEW TODD	2,839,836	MARTIN, JOHANNES	2,839,217	QU, JIN	2,801,907
HUBBELL INCORPORATED	2,839,211	MATSUBAYASHI, TREVOR	2,801,978	QUARNAIN, UMRAAN	2,801,812
HUFNAGEL, ELIZABETH	2,839,458	MAYO, JAMES D.	2,838,482	RAMZI, LARBI	2,839,596
HUGHES, CRAIG	2,829,980	MCCULLOUGH, HOLMES	2,803,012	RASSET, JOHN THOMAS	2,834,264
HUNG, BARRY	2,838,857	MCGUIRE, BOB	2,809,862	REBSDORF, ANDERS VARMING	2,833,989
HUYNH, SON HUY	2,839,110	MCMACKIN, HOWARD MICHAEL	2,837,068	REID, PETER	2,828,822
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IFTIME, GABRIEL	2,838,598	MEUNIER, JEAN-LUC	2,838,607	RIDLEY, DEVIN	2,839,860
INFINEUM INTERNATIONAL LIMITED	2,802,234	MIGLIASSO, MARCO	2,839,892	RIG MATS OF AMERICA, INC.	2,839,240
INGMANSON, MICHAEL D.	2,839,458	MILES-ROSSOUW, MALAIKA	2,801,810		
		MILLS, REUBEN A	2,802,875		
		MILLS, REUBEN A	2,802,924		

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ROULLAND, FREDERIC	2,838,607	CORPORATION	2,839,501	YANG, JINGTAO	2,839,748
ROUX, PASCAL	2,838,607	TSUBOSA, DAISUKE	2,839,748	YAPPEM LLC	2,839,464
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RUBY, SERGE EMILE ALFRED	2,803,888	TUTCO, INC.	2,839,860	ZAPATA, ISIDORO JESUS	2,802,879
RYAN, WAYNE L.	2,839,051	TVEITO, DAVID LARRY	2,834,264	ZERGIEBEL, EARL M.	2,839,598
RYSAVY, LOREN	2,839,501	UNKNOWN	2,800,605	ZHAI, BEN BINGYL	2,838,551
SACRIPANTE, GUERINO	2,838,612	UNKNOWN	2,801,812	ZHANG, FAN	2,838,862
SAFARI, MEYSAM	2,802,425	UNKNOWN	2,802,429	ZHANG, RICHARD S.	2,838,862
SAN ANDRES, RAMON JUAN	2,838,864	UNKNOWN	2,807,309	ZHANG, ZHIHONG	2,839,283
SARMIENTO, JOSEPH NILO L.	2,817,640	URIBE MEZA, CARLOS	2,839,367	ZHONG, BODONG	2,839,748
SAVARD, GILLES	2,837,934	VALDIVIA RODRIGUEZ,		ZHOU, KE	2,838,611
SAWCHUK, DANIEL A.	2,839,226	EDGAR ENRIQUE	2,839,367	ZHU, YI	2,838,862
SAXENA, AMITABH	2,839,072	VALENTE, MASSIMO	2,839,892	ZWARTZ, EDWARD G.	2,838,611
SCARBOROUGH, NELSON L.	2,838,893	VALENTINE, KELLY	2,839,458	ZWARTZ, EDWARD GRAHAM	2,838,543
SCHIFFNER, MARK	2,839,240	VALVERDE, WILMAR	2,839,221		
SCHROEDER, STEFAN	2,838,862	VANBESIEN, DARYL	2,838,477		
SCHWARZBRAUN, JOSEF	2,838,601	VANBESIEN, DARYL W.	2,838,598		
SELIRIO, REGINALD	2,839,226	VEREGIN, RICHARD P.	2,838,542		
SELMAN AND ASSOCIATES,		VEREGIN, RICHARD P.N.	2,838,543		
LTD.	2,839,340	VERMA, ANSHU	2,811,408		
SELMAN, THOMAS H.	2,839,340	VEZEAU, NIGEL	2,828,822		
SENGUPTA, SHUBHASHIS	2,839,072	VIOLA, FRANK J.	2,839,888		
SERINK, NOLAN BRIAN	2,839,452	VONG, CUONG	2,838,543		
SHAH, SHRENIK	2,835,555	VONG, CUONG	2,838,611		
SHARMA, ANIL	2,811,408	VOODOO INJECTION			
SHEIDLER, ALAN D.	2,838,372	MANAGEMENT LTD.	2,802,183		
SHEN, JIE	2,838,862	W & H DENTALWERK			
SHIE, KURT M.	2,839,609	BUERMOOS GMBH	2,838,601		
SHIH, STEVE CHAO-CHUNG	2,830,810	WACKER CHEMIE AG	2,839,215		
SIEMENS		WACKER NEUSON			
AKTIENGESELLSCHAFT	2,839,736	PRODUCTION AMERICAS			
SIMPSON, MADELINE J.	2,801,809	LLC	2,833,978		
SLATER, DARREN	2,838,677	WAKEFIELD, JONATHAN	2,820,813		
SLIPP, JEFFREY ALAN	2,839,631	WALBERG, KARI JEAN	2,829,980		
SMELCER, JIM C.	2,838,380	WANG, MIN	2,838,857		
SMITH, CECIL TODD	2,839,631	WANG, WEI	2,801,812		
SNAP-ON INCORPORATED	2,831,156	WANG, YULIN	2,838,611		
SNOW BE GONE, INC.	2,839,221	WARNER, HAROLD	2,802,206		
SOH, MELISSA	2,801,978	WATTS, RAYMOND F.	2,802,234		
SORBABA, JERRY	2,838,677	WEBB, JUSTIN	2,839,464		
SOUA, SAMIR	2,838,862	WEBER, TORALF	2,839,217		
SOURLIS, TOM	2,839,798	WEIR-JONES ENGINEERING			
STASIEWICH, BRIAN	2,839,240	CONSULTANTS LTD.	2,802,204		
STEFANYK, ADAM R.	2,801,910	WEIR-JONES, IAIN	2,802,204		
STEINBERG, DOV	2,836,037	WESTERGAARD, MARTIN	2,839,736		
STEMME, GORAN	2,802,256	WEYL, CHRISTOPHER S.	2,835,678		
STOHRER, JUERGEN	2,839,215	WHEELER, AARON	2,830,810		
STOLTMAN, RUSSELL		WIBBELS, PAUL EUGENE	2,834,264		
VICTOR	2,834,264	WILLIAMS, JASON C.	2,802,902		
STOMP LABS INC.	2,839,631	WISCONSIN ALUMNI			
STRECK, INC.	2,839,051	RESEARCH			
STRYKER SPINE	2,839,331	FOUNDATION	2,839,328		
SUBRAMANIAN, ANAND	2,839,598	WOLCOTT, LAWRENCE D.	2,839,108		
SUSAG, DAVID EDWARD	2,834,264	WOSNICK, JORDAN H.	2,838,543		
SWITALSKI, CHRISTOPHER	2,839,214	WU, XIANG	2,839,030		
TEDESCHI, GIANCARLO	2,837,743	XEROX CORPORATION	2,838,477		
TESMEC SPA	2,837,923	XEROX CORPORATION	2,838,482		
THE GOVERNING COUNCIL		XEROX CORPORATION	2,838,542		
OF THE UNIVERSITY OF		XEROX CORPORATION	2,838,543		
TORONTO	2,830,810	XEROX CORPORATION	2,838,598		
THE INITIALS CORPORATION	2,807,429	XEROX CORPORATION	2,838,607		
THERACELL, INC.	2,838,893	XEROX CORPORATION	2,838,611		

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3M INNOVATIVE PROPERTIES COMPANY	2,856,398	PHARMACEUTICALS, INC.	2,856,243	ARNONE, MILES	2,856,286
AB FERROLEGERINGAR	2,856,164	ALNYLAM		ARTYMIUK, PETE	2,856,804
ABA HORTNAGL GMBH	2,856,603	PHARMACEUTICALS, INC.	2,856,289	ARVIDSSON, JOHAN	2,856,164
ABB RESEARCH LTD	2,856,751	ALNYLAM		ASAKURA, HIRAKU	2,856,277
ABBVIE INC.	2,856,582	PHARMACEUTICALS, INC.	2,856,737	ASAKURA, SHINGO	2,856,197
ABIOMED, INC.	2,856,400	ALNYLAM		ASAOKA, SACHIO	2,854,709
ABIOMED, INC.	2,856,421	PHARMACEUTICALS, INC.	2,856,737	ASAZURA, TOMOHIRO	2,856,277
ACELL, INC.	2,856,553	ALNYLAM		ASCENSION TECHNOLOGY CORPORATION	2,856,519
ACHANTA, SHANKAR V.	2,856,444	PHARMACEUTICALS, INC.	2,856,742	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS	2,856,594
ACHIHARA, MASATO	2,856,670	ALSTOM TECHNOLOGY LTD	2,856,817	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS	2,856,701
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ACKERMANN, WILLIAM K.	2,856,723	ALVARO, GIUSEPPE	2,856,654	ASTRIUM LIMITED	2,856,643
ACLARA TECHNOLOGIES LLC	2,856,377	ALVES, FRANCISCO EMANUEL	2,856,427	ASTRIUM LIMITED	2,856,644
ACTION VIBRATORY EQUIPMENT, INC.	2,856,767	AMADEUS S.A.S.	2,856,652	ASTRIUM LIMITED	2,856,647
ADAM, STUART STEVEN	2,856,242	AMADEUS S.A.S.	2,856,653	ASTRIUM LIMITED	2,856,650
ADAMED SP. Z O.O.	2,856,480	AMADIEU, OLIVIER	2,856,653	ASTUTE MEDICAL, INC.	2,856,399
ADAMS, RALPH	2,856,216	AMADIO, JULIA, M.	2,856,520	ATI PROPERTIES, INC.	2,856,720
ADDONA, TONY	2,856,395	AMERICAN LASER ENTERPRISES, LLC	2,856,690	AUSTIN, DOUGLAS	2,856,294
ADRENOMED AG	2,856,136	AMINO UP CHEMICAL CO., LTD.	2,856,592	AUTIFONY THERAPEUTICS LIMITED	2,856,654
ADRENOMED AG	2,856,141	AMINO UP CHEMICAL CO., LTD.	2,856,599	AVENAS, YVAN	2,856,833
ADRENOMED AG	2,856,142	AMMON, DAN	2,856,275	AVERSA, VINCENZO	2,856,101
ADRENOMED AG	2,856,150	AN, QI	2,856,895	AVON PRODUCTS, INC.	2,856,556
ADRENOMED AG	2,856,154	ANCHOR ORTHOPEDICS XT INC.	2,856,346	AWONG, GENEVE SHEANDRA	2,856,322
AEBISCHER-GUMY, CHRISTEL	2,856,479	ANDERBERG, JOSEPH	2,856,399	AYOTTE, KEITH	2,856,575
AFFICHEM	2,856,609	ANDERSSON, BENNY	2,856,223	AZAMIAN, BOBAK ROBERT	2,856,732
AGE OF LEARNING, INC.	2,856,388	ANDREANI, SILVANO	2,856,472	BAADE, LEVI, M.	2,856,796
AGE OF LEARNING, INC.	2,856,390	ANDREEV, ANDREI VLADIMIROVICH	2,856,276	BACHOVCHIN, WILLIAM W.	2,856,379
AIR PRODUCTS AND CHEMICALS, INC.	2,856,834	ANDRITZ INC.	2,854,895	BACIGALUPO, MARIA CANDELARIA ROBERT	2,856,163
AIRCELLE	2,856,210	ANGOLI, ROBERTO	2,856,498	BACKES, RENE	2,856,466
AIRCELLE	2,856,232	ANGUELA, XAVIER	2,856,137	BACON, LOUIS	2,856,719
AIRCELLE	2,856,269	ANNIKKI GMBH	2,856,595	BAGBY, STEVEN	2,856,130
AIRSERVICES AUSTRALIA	2,856,439	ANSAR DISENO LIMITADA	2,856,260	BAGLIN, TREVOR	2,856,656
AIT-JEDDI, ABDESSAMAD	2,856,640	ANSELL, STEVEN MICHIAL	2,856,737	BAKER, LAURENCE	2,856,165
AIZAWA, KYO	2,856,680	ANTENNASYS, INC.	2,856,575	BAKHURU, SASHA H.	2,856,540
AKIHIRO, SUGAWARA	2,856,708	APOLLO ENDOSURGERY, INC.	2,856,152	BALANKO, JORDAN BENDA	2,856,625
AKINC, AKIN	2,856,742	APOTEX TECHNOLOGIES INC.	2,856,229	BALASUBRAMANIAN, SRIDHAR R.	2,856,261
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AL-MUTAIRI, SALEH H.	2,856,220	ARMATEC SURVIVABILITY CORP.	2,856,147	BANKS, J. FRED	2,856,835
AL-YAMI, IBRAHIM S.	2,856,220	ARMSTRONG, JOHN RICHARD CAREW	2,856,651	BARACSKAI, ROBERT M.	2,853,675
ALCID, MARIAN	2,856,310	ARNAUD, DANIEL	2,856,707	BARCLAYS BANK PLC	2,856,801
ALCON RESEARCH, LTD.	2,856,736			BARTINE, DAVID	2,856,409
ALKON, DANIEL L.	2,856,235			BARTLETT, SIMON	2,856,801
ALLEN DEMERS, LOUIS- ALEXIS	2,856,622			BASF CORPORATION	2,856,493
ALLERGAN, INC.	2,856,507			BASF SE	2,856,173
ALLISON, JEFF	2,856,422			BASF SE	2,856,466
ALMBLAD, LARS	2,856,223			BASF SE	2,856,684

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BASF SE	2,856,816	BERGMANN, ANDREAS	2,856,142	BP CORPORATION NORTH	
BASILE, FRANCESCO	2,856,445	BERGMANN, ANDREAS	2,856,150	AMERICA INC.	2,856,449
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BATTELLE MEMORIAL		BERNICK, BRIAN, A.	2,856,520	BRAUER, NICO	2,856,769
INSTITUTE	2,856,741	BERNIER, DAVID	2,856,591	BRAUN, DORIAN	2,856,753
BATULLIN, FARID		BERNIER, DAVID	2,856,711	BREARD, JOEL	2,856,269
ALEKOVICH	2,856,276	BERNER, MIRIAM MICHELLE	2,856,529	BRENNA, GIUSEPPE	2,856,445
BAUER, JOSH	2,856,295	BERTI, LORENZO	2,856,163	BRESSELSCHMIDT,	
BAUER, SHAWN M.	2,856,301	BERTOZZI, FABIO	2,856,522	ANDREAS	2,856,185
BAUER, SHAWN M.	2,856,306	BERTSCHINGER, MARTIN	2,856,479	BRESSELSCHMIDT,	
BAUERLE, PASCAL	2,856,705	BESSE, JOHN R.	2,856,129	ANDREAS	2,856,298
BAUMGARTNER, BRUNO	2,856,607	BHALLA, GAURAV	2,856,262	BRESSELSCHMIDT,	
BAUMHOF, PATRICK	2,856,615	BHATT, NIKHIL SHASHIKANT	2,856,666	ANDREAS	2,856,300
BAUMHOF, PATRICK	2,856,618	BHATTA, PALLAVI	2,856,216	BRETSCHNEIDER, ERIC	2,856,409
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PORPERY GMBH	2,856,591	BIKAM PHARMACEUTICALS,		CORPORATION	2,856,238
BAYER INTELLECTUAL		INC.	2,856,703	BRIGHTON, CARL T.	2,856,852
PROPERTY GMBH	2,856,325	BILLEN, GUENTER	2,856,607	BRISSON, JEAN-ROBERT	2,856,085
BAYER INTELLECTUAL		BILOTTO, JOHN	2,856,819	BRISTOL, PETER	2,856,422
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BAYER INTELLECTUAL		INTERNATIONAL		BROCKELMANN, MARTIN	2,856,607
PROPERTY GMBH	2,856,706	LIMITED	2,856,497	BRONSVOORT, JESPER	2,856,439
BAYER INTELLECTUAL		BIOMIMEDICA, INC.	2,856,512	BROSOVICH, JOHN A.	2,856,261
PROPERTY GMBH	2,856,708	BIOPHARM GESELLSCHAFT		BROUSSARD, SHAWN	2,856,743
BAYER INTELLECTUAL		ZUR		BROWN, DARBY C.	2,856,696
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BAYER MEDICAL CARE INC.	2,856,261	BIOVEN 3 LIMITED	2,856,255	BRUDER, SANDRA	2,856,325
BAYER PHARMA		BIRD, TIMOTHY	2,856,636	BRUNELLE, DANIEL JOSEPH	2,856,402
AKTIENGESELLSCHAFT	2,856,706	BIRK, ANDREAS	2,856,185	BRUNET, STEPHANE	2,856,591
BAYLOR COLLEGE OF		BIRK, ANDREAS	2,856,298	BRUST, JUTTA	2,856,785
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GEORGETTE	2,856,788	BLACKBERRY LIMITED	2,856,146	BSN MEDICAL, INC.	2,856,384
BEADLES, ROBERT DALE	2,856,788	BLACKBERRY LIMITED	2,856,209	BUCCERI, ALFIO	2,856,313
BEAVERSON, ARTHUR J.	2,856,130	BLANCHARD, PIERRE	2,856,395	BUCHMANN, BERND	2,856,769
BECERRA, VICTOR	2,821,677	BLANCHETTE ROCKEFELLER		BUCHSTALLER, HANS-PETER	2,856,103
BECKER, MURIEL	2,856,652	NEUROSCIENCES		BUCHWALD-WERNER,	
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BEGRICHE, ALDJIA	2,856,482	BLUE ANGEL PAINT AND		MARCELA	2,856,258
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BEIGENE, LTD.	2,856,347	BODMER, JEAN-LUC	2,856,443	BURKE, EDWARD	2,856,283
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