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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

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

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

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

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

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Notices

Avis

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Dates

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

Chiffres de code

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

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

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

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

2. Country Code

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

2. Code des pays

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

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

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

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

6. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

7. Patents Available for Licence or Sale

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

8. List of Patents Available for Licence or Sale

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

None

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

7. Brevets disponibles pour licence ou vente

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

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

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

Aucun

9. Applications Open to Public Inspection

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

10. Language of Published Documents

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

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

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1394*
For each additional sheet over 30	\$16
3. International Search Fee	\$1600

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

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

9. Demandes mises à la disponibilité du public

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

10. Langue du document publié

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

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

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1394 \$*
Pour chaque feuille au delà de 30	16 \$
3. Taxe de recherche internationale	1600 \$

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

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

Notices

4. Late payment fee

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

4. Taxe pour paiement tardif

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

Preliminary Examination

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

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

Examen préliminaire

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

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

* International fees will be reduced by:

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or 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'OPIIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIIC.

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'OPIIC](#) 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 October 29, 2013 contains applications open to public inspection from October 13, 2013 to October 19, 2013.

17. 2014 Patent Agent Examination

Under the provisions of subsection 14(2) of the *Patent Rules*, notice is hereby given that the 2014 examination will be held on **April 8, 9, 10, and 11, 2014**. A person who proposes to sit for the examination must notify the Commissioner of Patents in writing, file an affidavit or statutory declaration referred to in subsection 12(2) of the *Patent Rules* and pay the prescribed fee (\$200 per paper). The deadline to apply, submit the affidavit or statutory declaration and pay the fee is **November 29, 2013**. When applying, it is essential to indicate which paper(s) will be written.

Please note that we accept applications sent by either fax or mail. We will not accept applications received by email.

For more information, please contact:

CIPOAgentExams@ic.gc.ca.

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 octobre 2013 contient les demandes disponibles au public pour consultation pour la période du 13 octobre 2013 au 19 octobre 2013.

17. Examen d'agents de brevets 2014

Selon les dispositions du paragraphe 14(2) des *Règles sur les brevets*, avis est par la présente donné que l'examen de 2014 aura lieu les **8, 9, 10 et 11 avril 2014**. Une personne désireuse de subir l'examen doit en aviser le commissaire aux brevets par écrit, remettre un affidavit ou une déclaration solennelle visé au paragraphe 12(2) des *Règles sur les brevets* et verser la taxe prévue (200 \$ par épreuve). La date limite pour présenter sa demande, remettre l'affidavit ou la déclaration solennelle et verser la taxe est le **29 novembre 2013**. Lorsqu'on présente sa demande, il faut indiquer quelle(s) épreuve(s) on écrira.

Veillez prendre note que nous acceptons seulement les demandes envoyées par fax ou par la poste. Nous n'acceptons pas les demandes par courriel.

Pour de plus amples renseignements, veuillez communiquer avec

CIPOAgentExams@ic.gc.ca.

Canadian Patents Issued

October 29, 2013

Brevets canadiens délivrés

29 octobre 2013

[11] **2,295,920**
[13] A1
[51] **Int.Cl. C07H 21/00 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE REVERSE TRANSCRIPTION PRIMERS FOR EFFICIENT DETECTION OF HIV-1 AND HIV-2 AND METHODS OF USE THEREOF**
[54] **AMORCES DE TRANSCRIPTION INVERSE DE TYPE OLIGONUCLEOTIDE POUR LA DETECTION EFFICACE DU VIH-1 ET DU VIH-2 ET METHODES D'UTILISATION DE CES PRODUITS**
[72] PATTERSON, DAVID R., US
[72] PUSKAS, JOHN A., US
[72] SONG, KEMING, US
[72] LINNEN, JEFFREY M., US
[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[86] (2295920)
[87] (2295920)
[22] 2000-02-01
[30] US (60/118,417) 1999-02-02

[11] **2,316,080**
[13] A1
[51] **Int.Cl. C12N 5/076 (2010.01) A01K 67/02 (2006.01) A01K 67/027 (2006.01) A61D 19/02 (2006.01) C12M 3/00 (2006.01) C12N 15/87 (2006.01) C12Q 1/04 (2006.01) G01N 15/14 (2006.01)**
[25] EN
[54] **SEX-SPECIFIC INSEMINATION OF MAMMALS WITH LOW NUMBER OF SPERM CELLS**
[54] **INSEMINATION DE MAMMIFERES SPECIFIQUE AU SEXE, AVEC NOMBRE REDUIT DE CELLULES SPERMATIQUES**
[72] SEIDEL, GEORGE E., US
[72] HERICKHOFF, LISA, US
[72] SCHENK, JOHN, US
[73] XY, LLC, US
[85] 2000-06-21
[86] 1998-12-31 (PCT/US1998/027909)
[87] (WO1999/033956)
[30] US (09/001,394) 1997-12-31
[30] US (09/015,454) 1998-01-29

[11] **2,371,794**
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 9/70 (2006.01) A61K 31/7052 (2006.01) A61K 38/16 (2006.01) A61K 48/00 (2006.01) A61L 15/00 (2006.01) A61L 15/32 (2006.01) A61L 15/46 (2006.01) C07K 14/47 (2006.01) C07K 16/00 (2006.01) C12N 9/22 (2006.01) C12N 15/12 (2006.01) C12P 21/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/566 (2006.01) G01N 33/577 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **HUMAN ANTIBIOTIC PROTEINS**
[54] **PROTEINES ANTIBIOTIQUES HUMAINES**
[72] CHRISTOPHERS, ENNO, DE
[72] HARDER, JURGEN, DE
[72] SCHRODER, JENS, DE
[73] CHRISTOPHERS, ENNO, DE
[73] SCHROEDER, JENS M., DE
[73] HARDER, JUERGEN, DE
[85] 2001-08-14
[86] 2000-02-01 (PCT/EP2000/000776)
[87] (WO2000/046245)
[30] DE (199 05 128.3) 1999-02-01
[30] DE (199 49 436.3) 1999-10-08

[11] **2,375,467**
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **ANTISENSE THERAPY FOR HORMONE-REGULATED TUMORS**
[54] **THERAPIE ANTISENS POUR TUMEURS A REGULATION HORMONALE**
[72] GLEAVE, MARTIN, CA
[72] MIYAKE, HIDEAKI, JP
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2001-11-27
[86] 2000-07-19 (PCT/CA2000/000853)
[87] (WO2001/005435)
[30] US (60/144,495) 1999-07-19

**Canadian Patents Issued
October 29, 2013**

[11] **2,382,120**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C07H 21/04 (2006.01) C12N 15/10 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **SINGLE-STRANDED OLIGODEOXYNUCLEOTIDE MUTATIONAL VECTORS**

[54] **VECTEURS MUTATIONNELS D'OLIGODEOXYNUCLEOTIDES A BRIN SIMPLE**

[72] METZ, RICHARD A., US

[72] FRANK, BRUCE L., US

[72] WALTHER, DEBRA M., US

[73] CIBUS INTERNATIONAL, L.P., VG

[85] 2002-02-15

[86] 2000-08-25 (PCT/US2000/023457)

[87] (WO2001/015740)

[30] US (09/384,960) 1999-08-27

[11] **2,396,992**
[13] A1

[51] **Int.Cl. C12N 5/12 (2006.01) A61K 35/14 (2006.01) A61K 38/20 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C12N 5/16 (2006.01) C12N 5/22 (2006.01) C12N 5/24 (2006.01) A61K 35/12 (2006.01)**

[25] EN

[54] **HYBRID CELLS**

[54] **CELLULES HYBRIDES**

[72] WAGNER, THOMAS, US

[72] WEI, YANZHANG, US

[73] GHC RESEARCH DEVELOPMENT CORPORATION, US

[85] 2002-07-11

[86] 2001-01-09 (PCT/US2001/000571)

[87] (WO2001/051608)

[30] US (60/175,376) 2000-01-11

[11] **2,401,034**
[13] A1

[51] **Int.Cl. C22B 34/12 (2006.01) C22B 5/00 (2006.01) C22B 5/02 (2006.01) C25C 3/00 (2006.01) C25C 3/28 (2006.01) C25F 1/16 (2006.01) C22B 4/06 (2006.01)**

[25] EN

[54] **ELECTROLYTIC REDUCTION OF METAL OXIDES SUCH AS TITANIUM DIOXIDE AND PROCESS APPLICATIONS**

[54] **REDUCTION ELECTROLYTIQUE D'OXYDES METALLIQUES TELS QUE LE DIOXYDE DE TITANE ET APPLICATIONS DU PROCEDE**

[72] WARD-CLOSE, CHARLES MALCOLM, GB

[72] GODFREY, ALISTAIR BRYAN, GB

[73] METALYSIS LIMITED, GB

[85] 2002-08-21

[86] 2001-02-20 (PCT/GB2001/000683)

[87] (WO2001/062996)

[30] GB (0003971.9) 2000-02-22

[30] GB (0010873.8) 2000-05-08

[11] **2,434,087**
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/22 (2006.01) A61K 8/25 (2006.01) A61K 8/29 (2006.01)**

[25] EN

[54] **TOOTH WHITENING MATERIAL AND METHOD OF WHITENING TEETH**

[54] **MATIERE DE BLANCHISSEMENT DENTAIRE ET PROCEDE DE BLANCHISSEMENT**

[72] PETERSON, KENNETH S., US

[72] SHERMANN, JAMES M., US

[73] DENTSPLY INTERNATIONAL INC., US

[85] 2003-07-08

[86] 2002-01-25 (PCT/US2002/002269)

[87] (WO2002/058460)

[30] US (60/264,227) 2001-01-25

[30] US (09/815,66) 2001-03-23

[11] **2,434,643**
[13] A1

[51] **Int.Cl. C07K 14/00 (2006.01) C07K 5/103 (2006.01) C12N 9/12 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **PEPTIDES FOR ACTIVATION AND INHIBITION OF DELTA.PKC**

[54] **PEPTIDES DESTINES A L'ACTIVATION ET A L'INHIBITION DE DELTA.PKC**

[72] MOCHLY-ROSEN, DARIA, US

[72] CHEN, LEON, US

[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US

[85] 2003-07-14

[86] 2001-11-09 (PCT/US2001/047556)

[87] (WO2002/057413)

[30] US (60/262,060) 2001-01-18

[11] **2,435,672**
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/42 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **POLYPEPTIDES CAPABLE OF BINDING TO CD64 AND COMPRISING ONE OR MORE HETEROLOGOUS T CELL EPITOPES, AND THEIR USES**

[54] **POLYPEPTIDES CAPABLES DE SE LIER AUX CD64 ET COMPRENANT AU MOINS UN EPITOPE DE CELLULE T HETEROLOGUE ET LEURS UTILISATIONS**

[72] DURRANT, LINDA GILLIAN, GB

[72] PARSONS, TINA, GB

[72] ROBINS, ADRIAN, GB

[73] SCANCEL LIMITED, GB

[73] CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, GB

[85] 2003-07-23

[86] 2002-01-28 (PCT/GB2002/000354)

[87] (WO2002/058728)

[30] GB (0102145.0) 2001-01-26

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[11] **2,442,363**
[13] A1

[51] **Int.Cl. C07K 1/00 (2006.01) A61K 38/24 (2006.01) A61K 38/27 (2006.01) A61K 45/00 (2006.01) A61K 47/00 (2006.01) C07K 14/00 (2006.01) C07K 14/505 (2006.01) C07K 14/54 (2006.01) C07K 14/55 (2006.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C07K 17/00 (2006.01) C12N 15/62 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **REDUCING THE IMMUNOGENICITY OF FUSION PROTEINS**

[54] **DIMINUTION DE L'ANTIGENICITE DE PROTEINES DE FUSION**

[72] GILLIES, STEPHEN D., US

[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE

[85] 2003-09-26

[86] 2002-03-30 (PCT/US2002/009815)

[87] (WO2002/079232)

[30] US (60/280,625) 2001-03-30

[11] **2,446,408**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C07K 14/74 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **RECOMBINANT MHC MOLECULES USEFUL FOR MANIPULATION OF ANTIGEN-SPECIFIC T-CELLS**

[54] **MOLECULES MHC RECOMBINEES UTILES POUR LA MANIPULATION DE LYMPHOCYTES T A SPECIFICITE ANTIGENIQUE**

[72] BURROWS, GREGORY G., US

[72] VANDENBARK, ARTHUR A., US

[73] OREGON HEALTH AND SCIENCE UNIVERSITY, US

[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE U.S. DEPARTMENT OF VETERANS AFFAIRS, US

[85] 2003-10-31

[86] 2002-05-01 (PCT/US2002/013873)

[87] (WO2002/087613)

[30] US (09/847,172) 2001-05-01

[11] **2,450,134**
[13] A1

[51] **Int.Cl. H04N 7/50 (2006.01) H04N 21/23 (2011.01) H04N 21/43 (2011.01) H04N 21/4623 (2011.01)**

[25] EN

[54] **MPEG TABLE STRUCTURE**

[54] **STRUCTURE DE TABLE MPEG**

[72] LEPINE, THIERRY, FR

[72] CHOUTEAU, PHILIPPE, FR

[72] BURCKARD, ANTOINE, FR

[73] THOMSON LICENSING S.A., FR

[85] 2003-12-09

[86] 2002-06-11 (PCT/IB2002/003169)

[87] (WO2002/102081)

[30] EP (01401512.7) 2001-06-11

[30] EP (01306315.1) 2001-07-23

[11] **2,453,100**
[13] A1

[51] **Int.Cl. C12N 5/09 (2010.01) A61K 35/407 (2006.01) A61K 35/76 (2006.01) A61K 39/015 (2006.01) A61K 39/12 (2006.01) A61K 39/29 (2006.01) A61P 31/12 (2006.01) C07K 16/08 (2006.01) C12N 7/00 (2006.01) C12N 15/63 (2006.01) C12Q 1/02 (2006.01) C12Q 1/18 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**

[25] FR

[54] **NOVEL HUMAN HEPATOMA LINES, METHODS FOR OBTAINING SAME AND USES THEREOF**

[54] **NOUVELLES LIGNEES D'HEPATOMES HUMAINS, LEURS OBTENTIONS ET LEURS APPLICATIONS**

[72] GRIPON, PHILIPPE, FR

[72] RUMIN, SYLVIE, FR

[72] GUGUEN-GUILLOUZO, CHRISTIANE, FR

[72] TREPO, CHRISTIAN, FR

[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (I.N.S.E.R.M.), FR

[85] 2004-01-06

[86] 2002-07-08 (PCT/FR2002/002391)

[87] (WO2003/004627)

[30] FR (01/09044) 2001-07-06

[11] **2,458,001**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 31/7032 (2006.01) A61K 35/12 (2006.01) A61K 38/00 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61K 47/26 (2006.01) A61K 47/42 (2006.01) A61K 47/44 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61P 37/02 (2006.01)**

[25] EN

[54] **REGULATION OF IMMUNE RESPONSES BY MANIPULATION OF INTERMEDIARY METABOLITE LEVELS**

[54] **REGULATION DE REPONSES IMMUNITAIRES EN FAISANT VARIER LA CONCENTRATION DES METABOLITES INTERMEDIAIRES**

[72] MARGALIT, MAYA, IL

[72] ENGELHARDT, DEAN L., US

[72] RABBANI, ELAZAR, US

[72] ZIMRAN, ARI, IL

[72] ILAN, YARON, IL

[73] ENZO THERAPEUTICS, INC., US

[86] (2458001)

[87] (2458001)

[22] 2004-02-18

[30] US (10/375,906) 2003-02-27

[11] **2,459,897**
[13] A1

[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/22 (2006.01) H03G 3/20 (2006.01)**

[25] EN

[54] **SEISMIC DATA ACQUISITION APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE D'ACQUISITION DE DONNEES SISMIQUES**

[72] ISELI, JAMES W., US

[72] SCHUMACHER, DANIEL, US

[72] BRISTOW, DAVID, US

[72] JOHNSON, ALLAN, US

[72] KNAPP, GREYSON, US

[72] CREWS, GARY, US

[72] KELLY, CHARLES, US

[72] CRONAN, ROBERT, US

[72] FESZTHAMMER, ANDRAS, US

[73] INOVA LTD., KY

[85] 2004-03-08

[86] 2002-09-09 (PCT/US2002/028699)

[87] (WO2003/023448)

[30] US (60/318,086) 2001-09-07

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[13] A1

[51] **Int.Cl. A61K 35/32 (2006.01) C12N 5/077 (2010.01) A61K 35/12 (2006.01)**

[25] EN

[54] **STRATIFIED CARTILAGE TISSUE AND METHODS TO ENGINEER SAME**

[54] **TISSU CARTILAGINEUX STRATIFIE ET SON PROCEDE DE FABRICATION**

[72] SAH, ROBERT, US
[72] LI, KELVIN, US
[72] KLEIN, TRAVIS, US
[72] SCHUMACHER, BARBARA, US
[72] MASUDA, KOICHI, US
[72] THONAR, EUGENE, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] RUSH UNIVERSITY MEDICAL CENTER, US

[85] 2004-03-15
[86] 2002-09-13 (PCT/US2002/029078)
[87] (WO2003/024463)
[30] US (60/322,888) 2001-09-15
[30] US (60/382,438) 2002-05-22

[11] **2,464,291**
[13] A1

[51] **Int.Cl. E01C 13/08 (2006.01) A01G 1/00 (2006.01) A01G 9/10 (2006.01) C09K 17/40 (2006.01)**

[25] EN

[54] **SPECIAL TURF FILLER**

[54] **MOTOCULTEUR POUR GAZON SPECIAL**

[72] HUFF, CARL L., US
[72] REDDICK, RANDOLPH S., US
[73] U.S. GREENTECH, LLC, US
[86] (2464291)
[87] (2464291)
[22] 2004-04-14
[30] US (10/422,129) 2003-04-24

[11] **2,466,128**
[13] A1

[51] **Int.Cl. C12N 15/13 (2006.01) A01K 67/027 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **ANTIBODIES TO CD40**

[54] **ANTICORPS ANTI-CD40**

[72] BEDIAN, VAHE, US
[72] GLADUE, RONALD P., US
[72] CORVALAN, JOSE, US
[72] JIA, XIAO-CHI, US
[72] FENG, XIAO, US
[73] PFIZER PRODUCTS INC., US
[73] AMGEN FREMONT INC., US

[85] 2004-05-05
[86] 2002-11-08 (PCT/US2002/036107)
[87] (WO2003/040170)
[30] US (60/348,980) 2001-11-09

[11] **2,468,772**
[13] A1

[51] **Int.Cl. C12N 5/076 (2010.01) C12N 5/073 (2010.01) A01K 67/00 (2006.01) A01K 67/027 (2006.01) A01N 1/02 (2006.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **SYSTEM TO SEPARATE FROZEN-THAWED SPERMATOZOA INTO X-CHROMOSOME BEARING AND Y-CHROMOSOME BEARING POPULATIONS**

[54] **SYSTEME DE DISSOCIATION DE SPERMATOZOIDES CONGELES-DECONGELES PORTEURS D'UN CHROMOSOME X DE CEUX PORTEURS D'UN CHROMOSOME Y**

[72] SEIDEL, GEORGE E., US
[72] SUH, TAE KWANG, US
[72] LU, KEHUAN, US
[73] XY, INC., US
[73] XY, LLC, US

[85] 2004-05-28
[86] 2001-11-29 (PCT/US2001/045023)
[87] (WO2002/043574)
[30] US (60/253,785) 2000-11-29
[30] US (60/253,787) 2000-11-29

[11] **2,469,134**
[13] A1

[51] **Int.Cl. C07K 5/10 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/08 (2006.01) A61K 9/70 (2006.01) A61K 38/30 (2006.01) A61P 17/02 (2006.01) A61P 27/02 (2006.01) C07K 5/103 (2006.01) C07K 5/107 (2006.01) C07K 7/06 (2006.01) C07K 14/65 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **NOVEL PEPTIDE AND PHARMACEUTICAL USE OF THE SAME**

[54] **NOUVEAUX PEPTIDES ET UTILISATION PHARMACEUTIQUE DE CEUX-CI**

[72] INUI, MAKOTO, JP
[72] NAKAMURA, MASATSUGU, JP
[72] NISHIDA, TERUO, JP
[73] SANTEN PHARMACEUTICAL CO., LTD., JP
[73] NISHIDA, TERUO, JP

[85] 2004-06-02
[86] 2002-12-03 (PCT/JP2002/012632)
[87] (WO2003/048192)
[30] JP (2001-368103) 2001-12-03

[11] **2,472,196**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOUNDING INFORMATION MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION D'INFORMATIONS RELATIVES A LA FORMULATION PHARMACEUTIQUE**

[72] DIGIANFILIPPO, ALEANDRO, US
[72] PIERCE, RICHARD S., US
[73] B. BRAUN MEDICAL, INC., US

[85] 2004-06-29
[86] 2002-12-31 (PCT/US2002/041759)
[87] (WO2003/058507)
[30] US (60/344,869) 2001-12-31

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[11] **2,477,406**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 48/00 (2006.01) C12N 1/21 (2006.01) C12N 15/12 (2006.01) C12N 15/70 (2006.01) C12N 15/74 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **DNA VACCINE AGAINST PROLIFERATING ENDOTHELIAL CELLS AND METHODS OF USE THEREOF**

[54] **VACCIN A ADN CONTRE LA PROLIFERATION DE CELLULES ENDOTHELIALES ET METHODES D'UTILISATION ASSOCIEES**

[72] REISFELD, RALPH A., US

[72] NIETHAMMER, ANDREAS G., US

[72] XIANG, RONG, US

[73] THE SCRIPPS RESEARCH INSTITUTE, US

[85] 2004-08-26

[86] 2003-02-28 (PCT/US2003/006256)

[87] (WO2003/073995)

[30] US (10/090,183) 2002-03-02

[11] **2,481,952**
[13] A1

[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/00 (2006.01) A61K 38/03 (2006.01) A61K 39/00 (2006.01) C07K 14/47 (2006.01)**

[25] EN

[54] **IMMUNOLOGICAL METHODS AND COMPOSITIONS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **METHODES ET COMPOSITIONS IMMUNOLOGIQUES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] ST. GEORGE-HYSLOP, PETER, CA

[72] MCLAURIN, JOANNE, CA

[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA

[85] 2004-10-08

[86] 2003-04-07 (PCT/CA2003/000502)

[87] (WO2003/089460)

[30] US (60/373,914) 2002-04-19

[11] **2,483,006**
[13] A1

[51] **Int.Cl. C12N 15/70 (2006.01) C12N 1/21 (2006.01) C12N 15/10 (2006.01) C12N 15/63 (2006.01) C12N 15/74 (2006.01) C12N 15/75 (2006.01)**

[25] EN

[54] **METHODS OF CREATING MODIFIED PROMOTERS RESULTING IN VARYING LEVELS OF GENE EXPRESSION**

[54] **METHODE DE CREATION DE PROMOTEURS MODIFIES PERMETTANT D'OBTENIR DIFFERENTS NIVEAUX D'EXPRESSION GENIQUE**

[72] CERVIN, MARGUERITE A., US

[72] VALLE, FERNANDO, US

[73] GENENCOR INTERNATIONAL, INC., US

[85] 2004-10-19

[86] 2003-04-18 (PCT/US2003/012044)

[87] (WO2003/089604)

[30] US (60/374,735) 2002-04-22

[30] US (60/374,627) 2002-04-22

[11] **2,479,916**
[13] A1

[51] **Int.Cl. A61B 5/0285 (2006.01) A61B 5/024 (2006.01) A61B 5/0456 (2006.01) A61B 5/11 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF ASSESSMENT OF AROUSAL, PAIN AND STRESS DURING ANESTHESIA AND SEDATION**

[54] **SYSTEME ET PROCEDE D'EVALUATION D'EVEIL, DE DOULEUR ET DE TENSION PENDANT L'ANESTHESIE ET LA SEDATION**

[72] DAHAN, ALBERT, NL

[72] GREENWALD, SCOTT D., US

[73] COVIDIEN LP, US

[85] 2004-09-28

[86] 2003-04-01 (PCT/US2003/009900)

[87] (WO2003/084396)

[30] US (60/369,142) 2002-04-01

[11] **2,482,243**
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G06F 1/00 (2006.01) G06F 9/50 (2006.01) G06F 12/14 (2006.01) G06F 15/00 (2006.01) G06F 15/16 (2006.01) G09C 1/00 (2006.01) H04L 9/32 (2006.01)**

[25] EN

[54] **SECURELY IDENTIFYING AN EXECUTABLE TO A TRUST- DETERMINING ENTITY**

[54] **IDENTIFICATION SURE D'UN EXECUTABLE A UNE ENTITE DE DETERMINATION DE CONFIANCE**

[72] DHIR, ANSHUL, US

[72] RAY, KENNETH D., US

[72] ENGLAND, PAUL, US

[72] KURIEN, THEKKTHALACKAL VARUGIS, US

[73] MICROSOFT CORPORATION, US

[86] (2482243)

[87] (2482243)

[22] 2004-09-21

[30] US (10/692,224) 2003-10-23

[11] **2,483,117**
[13] A1

[51] **Int.Cl. H04J 11/00 (2006.01) H04J 1/00 (2006.01)**

[25] EN

[54] **MULTI-SYMBOL ENCAPSULATED OFDM SYSTEM**

[54] **EMISSION A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE ENCAPSULEE A PLUSIEURS SYMBOLES**

[72] WANG, XIANBIN, CA

[72] WU, YIYAN, CA

[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF INDUSTRY, THROUGH THE COMMUNICATIONS RESEARCH CENTRE CANADA, CA

[86] (2483117)

[87] (2483117)

[22] 2004-09-29

[30] US (60/506,174) 2003-09-29

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[11] **2,485,939**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A01K 67/027 (2006.01) C07K 19/00 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **INDUCIBLE EUKARYOTIC EXPRESSION SYSTEM**
[54] **SYSTEME D'EXPRESSION EUCARYOTE INDUCTIBLE**
[72] FANDL, JAMES P., US
[72] DOU, CHANGLIN, US
[73] REGENERON PHARMACEUTICALS, INC., US
[85] 2004-11-12
[86] 2003-05-28 (PCT/US2003/016676)
[87] (WO2003/101189)
[30] US (60/384,004) 2002-05-29

[11] **2,488,968**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **PEPTIDES FOR REGULATION OF UROKINASE (UPA) AND TISSUE TYPE (TPA) PLASMINOGEN ACTIVATOR AND METHOD OF OPTIMIZING THERAPEUTIC EFFICACY**
[54] **PEPTIDES REGULANT LES ACTIVATEURS DU PLASMINOGENE DE L'UROKINASE (UPA) ET DU TYPE DE TISSU (TPA) ET PROCEDE D'OPTIMISATION DE L'EFFICACITE THERAPEUTIQUE**
[72] HIGAZI, ABD-AL-ROOF, IL
[73] D-PHARM LTD., IL
[85] 2004-12-07
[86] 2003-03-12 (PCT/US2003/007683)
[87] (WO2003/095476)
[30] US (10/063,046) 2002-05-08
[30] US (PCT/US02/02007) 2002-06-24

[11] **2,493,001**
[13] A1
[51] **Int.Cl. G11B 7/007 (2006.01) G11B 20/10 (2006.01) G11B 20/18 (2006.01)**
[25] EN
[54] **INFORMATION STORAGE MEDIUM ON WHICH UNDATED DRIVE DATA IS RECORDED, AND METHOD OF RECORDING INFORMATION ON THE INFORMATION STORAGE MEDIUM**
[54] **SUPPORT DE STOCKAGE D'INFORMATION SUR LEQUEL DES DONNEES DE LECTEUR NON DATEES SONT ENREGISTREES ET METHODE D'ENREGISTREMENT DE L'INFORMATION SUR LE SUPPORT DE STOCKAGE D'INFORMATION**
[72] LEE, KYUNG-GEUN, KR
[72] PARK, IN-SIK, KR
[72] KO, JUNG-WAN, KR
[72] YOON, DU-SEOP, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2005-01-13
[86] 2003-07-07 (PCT/KR2003/001333)
[87] (WO2004/008443)
[30] KR (10-2002-0041292) 2002-07-15

[11] **2,493,728**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **PATCH-LIKE INFUSION DEVICE**
[54] **DISPOSITIF DE PERFUSION SOUS FORME DE TIMBRE TRANSDERMIQUE**
[72] SHERMER, CHARLES, US
[72] POWELL, KENNETH, US
[72] LASTOVICH, ALEXANDER, US
[72] KINSEY, P. SPENCER, US
[72] SMUTNEY, CHAD, US
[72] POLIDORO, JOHN, US
[72] BROWKA, ED, US
[72] SAHI, CARL, US
[72] FENTRESS, JAMES K., US
[72] CHAPIN, DAVID, US
[72] STIPE, DANIEL, US
[72] MOSS, JEFF, US
[72] KURODA, MELODY, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2005-01-21
[86] 2003-07-22 (PCT/US2003/022767)
[87] (WO2004/032990)
[30] US (60/397,038) 2002-07-22
[30] US (60/407,284) 2002-09-03
[30] US (60/420,233) 2002-10-23
[30] US (60/447,359) 2003-02-14
[30] US (60/450,681) 2003-03-03
[30] US (60/450,680) 2003-03-03

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[73] GEORGIA-PACIFIC CORRUGATED LLC, US
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[72] JEAN, MARCEL, CA
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[72] LUKE, JOHN GEORGE, GB
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[73] SITMA S.P.A., IT
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[73] NOVA CHEMICALS CORPORATION, CA

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[54] **ANTAGONISTES DE L'IL-1 BETA HUMAINE**

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[72] WATKINS, JEFFRY DEAN, US
[72] LU, JIRONG, US

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[54] **IMMUNOGENES CONTENANT DES COMPOSITIONS DE PHOSPHOLIPIDE**

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[72] FITZPATRICK, SHARIE, N., US
[72] MCCASLIN, MARK, H., US
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[72] WILLIS, DANIEL, CA
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[72] INBERG, STEVEN BRADLEY, US
[73] HACH COMPANY, US
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[72] WATTS, EDWARD D., US
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[73] MICROSOFT CORPORATION, US
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[72] WENSLEY, C. GLEN, US
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[54] **MARQUEUR FIBREUX ET INTRACORPORELLE DE CELUI-CI**
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[73] DAMIAN PRODUCTIONS, INC., US
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[54] **MELANGES DE POLYISOCYANATES, UN PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION DANS DES COMPOSITIONS DE REVETEMENT**

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[54] **MATRICE COMPOSITE BASSE TENSION**

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[54] **METHOD AND DEVICE FOR THE QUANTITATIVE ANALYSIS OF SOLUTIONS AND DISPERSIONS USING NEAR INFRA-RED SPECTROSCOPY**

[54] **PROCEDE ET DISPOSITIF D'ANALYSE QUANTITATIVE DE SOLUTIONS ET DE DISPERSIONS AU MOYEN D'UNE SPECTROSCOPIE PROCHE INFRAROUGE**

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[72] MERTENS, RICHARD, DE

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[72] PLAISANCE, RENE, FR

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[72] GARCEAU, DENIS, CA
[73] BHI LIMITED PARTNERSHIP, CA
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[54] **PROCEDE ET SYSTEMES D'AMELIORATION DU DOSAGE D'UN TRAITEMENT CHIMIQUE, TEL QUE LE DIOXYDE DE CHLORE, DANS UN FLUIDE, TEL QU'UN ECOULEMENT D'EAUX USEES**

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[54] **SYSTEME DE RETENUE DE CARGAISON**

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[72] WILLIAMS, STEPHEN, GB
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[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[54] **SYSTEME HYDROPHOBE DE BLANCHIMENT DES DENTS ET PROCEDES D'UTILISATION ASSOCIES**

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[72] ZAIDEL, LYNETTE A., US
[72] PAN, GUISHENG, US
[72] PATEL, SURYAKANT, US
[72] CAMERON, RYAN B., US
[72] PRENCIPE, MICHAEL, US
[72] COLLINS, MICHAEL, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **WELDER WITH INTEGRATED WIRE FEEDER HAVING SINGLE-KNOB CONTROL**

[54] **SOUDEUSE A TETE DE SOUDAGE INTEGREE MUNIE D'UNE COMMANDE A BOUTON UNIQUE**

[72] SICKELS, DARRELL L., US

[73] ILLINOIS TOOL WORKS INC., US

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[54] **SYSTEME ET METHODE POUR UNE SURVEILLANCE DE QUALITE AUTOMATISEE**

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[72] GIORDANO, GEOFFREY J., US

[72] SCARANO, ROBERT, US

[72] LAMBERT, KORI, US

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[54] **CIRCUITS DESTINES A AUGMENTER L'EFFICACITE D'UN GENERATEUR ELECTRIQUE LINEAIRE**

[72] STEWART, DAVID B., US

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[73] OCEAN POWER TECHNOLOGIES, INC., US

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[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE FLUIDE MODULAIRE**

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[73] EVERPURE, LLC, US

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[54] **DECORATIVE LAMINATE AND METHOD FOR PRODUCING THE SAME**

[54] **STRATIFIE DECORATIF ET SON PROCEDE DE PRODUCTION**

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[54] **PROCEDE DE SIMULATION DE GRAIN DE FILM PAR ASSEMBLAGE MOSAIQUE D'ECHANTILLONS PRETRAITES**

[72] GOMILA, CRISTINA, US

[72] LLACH, JOAN, US

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[54] **PROCESS FOR RECOVERING VALUE METAL SPECIES FROM LATERITE-TYPE FEEDSTOCK**

[54] **PROCESSUS DE RECUPERATION D'ESPECE METALLIQUE DE VALEUR A PARTIR DE MATIERE PREMIERE DU TYPE LATERITE**

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[54] **UN PROCEDURE DE PREPARATION D'UN ELEMENT CATALYSEUR POUR LA POLYMERISATION D'OLEFINES**

[72] CHEN, WEI, CN

[72] LIU, YUEXIANG, CN

[72] XIA, XIANZHI, CN

[72] SONG, WENBO, CN

[72] DU, HONGBIN, CN

[72] GUO, ZIFANG, CN

[72] TAN, YANG, CN

[72] MA, ZHAOWEN, CN

[72] JI, WEIMIN, CN

[72] YANG, ZHICHAO, CN

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[72] GUO, LEI, CN

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[54] **SOLVANTS A TRANSFORMATION REVERSIBLE ET METHODES D'UTILISATION**

[72] ECKERT, CHARLES A., US

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[72] JESSOP, PHILIP G., CA

[72] HELDEBRANT, DAVID J., US

[73] QUEEN'S UNIVERSITY AT KINGSTON, CA

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[54] **MEMBRANE REVETUE DE CATALYSEUR A MATERIAU D'ETANCHEITE INTEGRE ET ENSEMBLE MEMBRANE/ELECTRODE PRODUIT**

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[54] **CONTROLE DE LA PRODUCTION D'ENERGIE THERMIQUE DANS UNE OPERATION DE SOUDAGE**

[72] SOLTIS, PATRICK T., US

[72] NARAYANAN, BADRI K., US

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[54] **PLASMIDES DE VECTEUR DE CLONAGE D'ADN ET LEURS PROCEDES D'UTILISATION**

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[54] **PROCEDE ET KIT POUR L'AMPLIFICATION MULTIPLEX PAR AMORCES D'ACIDES NUCLEIQUES**

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[72] OKAZAKI, YASUNORI, JP

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[54] **COMBINAISON DE DISPOSITIFS DE COMMUTATION POUR CHARGES CAPACITIVES CONNEXTEES A UNE TENSION DIRECTE**

[72] KAJAN, RISTO, FI

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[72] POEYHOENEN, SIMO, FI

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[54] **PROTOCOLE DE TRANSACTION SECURISE PORTABLE**

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[73] THE BOEING COMPANY, US
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[72] ALLIKMETS, ENE, US
[72] NICHOLS, AMY HELEN, US
[72] PLUMMER, DOROTHY JEAN, US
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[54] **FACTEUR DE STIMULATION DE COLONIES DE GRANULOCYTES GLYCOPEGYLÉ**

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[72] ZOPF, DAVID A., US
[72] WANG, ZHI-GUANG, US
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[72] ALDRICH, THOMAS H., US
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[54] **DISPOSITIF D'ANCRAGE POUR TUBAGE DES Puits DE FORAGE**
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[72] DURAND, JASON R., US
[73] FISHER DYNAMICS CORPORATION, US
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[54] **PROCEDE AMELIORE DE GYPSE/PANNEAUX DE FIBRES**
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[72] YOSICK, JOSEPH A., US
[73] UNITED STATES GYPSUM COMPANY, US
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[54] **SYSTEME DE MESURE ROBOTIQUE AUTOMATISE**
[72] EATON, HOMER, US
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[54] **APPARATUS AND METHOD FOR COMPENSATING THE DRIFT OF A LOCAL CLOCK USED AS SAMPLING FREQUENCY**
[54] **DISPOSITIF ET METHODE DE COMPENSATION DE LA DERIVE D'UNE HORLOGE LOCALE UTILISEE COMME FREQUENCE D'ECHANTILLONNAGE**
[72] LAINE, JEROME, FR
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[73] SERCEL, FR
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[54] **PROCESS FOR THE PREPARATION OF DEHYDROGENATED HYDROCARBON COMPOUNDS**
[54] **PROCEDE D'ELABORATION DE COMPOSES D'HYDROCARBURE DESHYDROGENES**
[72] PRETZ, MATTHEW T., US
[72] DOMKE, SUSAN B., US
[72] CASTOR, WILLIAM M., US
[72] HAMPER, SIMON J., US
[73] THE DOW CHEMICAL COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DU CANAL DU TRAYON D'UN ANIMAL**
[72] HALLAHAN, STEPHEN, IE
[72] MCHARDY, NICHOLAS, IE
[72] SMITH, BRENDAN, IE
[72] VAN VESSEM, LOUIS, NL
[73] BIMEDA RESEARCH & DEVELOPMENT LIMITED, IE
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[54] **CAPSULE, MACHINE ET SYSTEME POUR LA PREPARATION DE BOISSONS**
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[72] CARTER, STEVE, GB
[73] KRAFT FOODS R & D, INC., DE
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[54] **DETECTEUR DE METAL A GRANDE EFFICACITE**
[72] MANNESCHI, ALESSANDRO, IT
[72] MANNESCHI, GIOVANNI, IT
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[54] **COMPOSES 4,5,6,7-TETRAHYDRO-BENZOTHAZOL-2-YLAMINE SUBSTITUES**
[72] OBERBOERSCH, STEFAN, DE
[72] SUNDERMANN, CORINNA, DE
[72] SUNDERMANN, BERND, DE
[72] BIJSTERVELD, EDWARD, NL
[73] GRUENENTHAL GMBH, DE
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[54] **ELEMENT AMOVIBLE, DISTRIBUTEUR DE BOISSONS ET SYSTEME ASSOCIE**
[72] HALLIDAY, ANDREW MICHAEL, GB
[72] HANSEN, NICHOLAS ANDREW, GB
[72] BALLARD, COLIN DARREL, GB
[72] PANESAR, SATWINDER SINGH, GB
[73] KRAFT FOODS R. & D., INC., DE
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[73] SCHOECK BAUTEILE GMBH, DE
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[25] EN
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[72] MCKAY, ALBERT A., CA
[73] LOKRING TECHNOLOGY, LLC, US
[85] 2006-08-21
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[73] VQ ORTHOCARE, US
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[54] **INHIBITEURS AZABICYCLO-OCTANE DE L'IAP**
[72] COHEN, FREDERICK, US
[72] FAIRBROTHER, WAYNE, US
[72] FLYGARE, JOHN, US
[72] TSUI, VICKIE HSIAO-WEI, US
[72] KETELTAS, STEPHEN FRANZ, US
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[54] **APPARATUS AND METHOD FOR BOOSTING SOUND IN A DENTA-MANDIBULAR SOUND-TRANSMITTING ENTERTAINMENT TOOTHBRUSH**

[54] **DISPOSITIF ET PROCEDE POUR AMPLIFIER LE SON DANS UNE BROSSA A DENTS RECREATIVE A EMISSION SONORE DENTO-MANDIBULAIRE**

[72] FILO, ANDREW S., US
[72] CAPPER, DAVID G., US
[73] HASBRO, INC., US
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[54] **OUTIL A MOLETTES SERVANT A REALISER DES RAINURES DANS DES TUYAUX**

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[73] VICTAULIC COMPANY, US
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[72] WILDGOOSE, JASON LEE, GB
[72] PRINGLE, STEVEN DEREK, GB
[72] GILES, KEVIN, GB
[73] MICROMASS UK LIMITED, GB
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[54] **DERIVES DE NUCLEOSIDES ET LEUR UTILISATION THERAPEUTIQUE**

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[72] CHOI, WON J., US
[72] LEE, YOUNG B., US
[72] JEONG, LAK S., KR
[72] LEE, SANG K., KR
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[54] **COMPOSES NEUROLOGIQUEMENT ACTIFS**

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[72] LEUNG, BRENDA KWAN YI, AU
[73] PRANA BIOTECHNOLOGY LIMITED, AU
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[86] 2005-04-01 (PCT/AU2005/000477)
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[54] **PROCEDE ET INSTALLATION DE MELANGE AUTOMATIQUE D'EAU ET DE CIMENT POUR VISSAGE DANS LA ROCHE**

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[73] ATLAS COPCO ROCK DRILLS AB, SE
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[73] ENGELHARD CORPORATION, US
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[54] **MULTILAYER HOSE FOR THE TRANSPORTATION OF HIGH-TEMPERATURE LIQUID AND/OR GAS CHEMICAL**
[54] **TUBE FLEXIBLE MULTICOUCHE DE TRANSPORT DE PRODUITS CHIMIQUES LIQUIDES ET/OU GAZEUX A HAUTE TEMPERATURE**
[72] OGI, TOSHIHARU, JP
[72] NAKAMURA, KOJI, JP
[72] YAMASHITA, TAKASHI, JP
[72] UCHIDA, KOICHI, JP
[73] UBE INDUSTRIES, LTD., JP
[73] KURARAY CO., LTD., JP
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[54] **AMELIORATIONS APORTEES AU MOULAGE A LA CIRE PERDUE**
[72] BOLTON, ANTHONY WILFRED, GB
[73] PROCESS TECHNOLOGY (EUROPE) LIMITED, GB
[85] 2006-11-02
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[54] **PHOSPHATE TRICALCIQUE DIRECTEMENT COMPRESSIBLE**
[72] HENDRICKS, LEWIS ROE, US
[72] JOBBINS, JILL MARIE, US
[72] CAMARCO, WAYNE, US
[73] INNOPHOS, INC., US
[85] 2006-11-03
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[54] **DISTRIBUTEUR DE BALAI A LAVER**
[72] CLARKE, GEORGE, US
[73] SWEPORTS LIMITED, US
[85] 2006-11-06
[86] 2005-05-07 (PCT/US2005/015792)
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[25] EN
[54] **CONCRETE SIDEFORM SYSTEM**
[54] **SYSTEME DE COFFRAGE LATERAL POUR BETON**
[72] SLADOJEVIC, ROBERT RADOVAN, AU
[72] GIROTTO, STEVEN, AU
[72] DELEON, CRAIG, AU
[73] SRB CONSTRUCTION TECHNOLOGIES PTY LTD., AU
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[25] EN
[54] **HYDROLYSED MARINE PROTEIN PRODUCT, PROCESS FOR THE PRODUCTION THEREOF, AND APPLICATION**
[54] **PRODUIT PROTEINIQUE MARIN HYDROLYSE, SON PROCEDE DE PRODUCTION ET SON APPLICATION**
[72] TORP, EDDY G., NO
[72] TORRISSEN, OSVALD, NO
[72] DOOLAN, MICHAEL CHARLES, GB
[73] NORCAPE BIOTECHNOLOGY AS, NO
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[30] NO (20042188) 2004-05-26

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[25] FR
[54] **METHOD FOR PRODUCING A BLADDER FOR SEALING A TYPE IV RESERVOIR, AND CORRESPONDING TYPE IV RESERVOIR**
[54] **PROCEDE DE FABRICATION D'UNE VESSIE D'ETANCHEITE D'UN RESERVOIR DE TYPE IV ET RESERVOIR DE TYPE IV**
[72] MAZABRAUD, PHILIPPE, FR
[72] DOULIN, GWENAEL, FR
[72] BARRAL, KATIA, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **PROFILOGRAPHIE VIRTUEL SERVANT A EVALUER LA QUALITE D'UNE COUCHE DE ROULEMENT**

[72] MCCAIN, STEVEN DANIEL, US

[73] TOPCON POSITIONING SYSTEMS, INC., US

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[54] **FE-NI ALLOY PIPE STOCK AND METHOD FOR MANUFACTURING THE SAME**

[54] **FILIERE EN ALLIAGE FE-NI ET METHODE POUR LA PRODUIRE**

[72] IGARASHI, MASAOKI, JP

[72] SHIMODA, KAZUHIRO, JP

[72] YAMAKAWA, TOMIO, JP

[72] AMAYA, HISASHI, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[54] **RESEQUENCAGE DE MICRORESEAU DE PATHOGENES**

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[72] KRUZELock, RUSSELL P., US

[72] LIN, BOACHUAN, US

[72] ROWLEY, ROBB, US

[72] SETO, DON, US

[72] STENGER, DAVID, US

[72] THORNTON, JENNIFER, US

[72] TIBBETTS, CLARK, US

[72] THACH, DZUNG, US

[72] VORA, GARY, US

[72] WALTER, ELIZABETH, US

[72] WANG, ZHENG, US

[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US

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[87] (WO2006/088493)

[30] US (60/590,931) 2004-07-02

[30] US (60/609,918) 2004-09-15

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[54] **FORMULATIONS ET PROCEDES DESTINES AU TRAITEMENT DE MALADIES INFLAMMATOIRES**

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[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE TROUBLES COGNITIFS AU MOYEN D'ANTAGONISTES DU RECEPTEUR DE LA SEROTONINE**

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[54] **TEINTURE D'UN SUBSTRAT AU MOYEN D'UN COLORANT REACTIF DANS DU DIOXYDE DE CARBONE SUPERCRITIQUE OU QUASI SUPERCRITIQUE**

[72] FERNANDEZ CID, MARIA VANESA, NL

[72] WITKAMP, GEERT JAN, NL

[72] TEESINK-GERSTNER, KATHRYN NICOLE, NL

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[54] **SYSTEME DE MASQUAGE D'UN ALESAGE**

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[54] **ANTICORPS ET ANTIGENES DE PEPTIDES POUR PRODUIRE DES ANTICORPS AYANT UNE SPECIFICITE DE LIAISON SELECTIVE PAR RAPPORT A L'HORMONE PARATHYROIDE INTACTE BIOACTIVE (PTH) 1-84**

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[54] **PIPERAZINES SUBSTITUEES EN TANT QU'ANTAGONISTES DE CBI**

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[72] MILLER, MICHAEL W., US

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[72] BRIZION, JEAN-CLAUDE, FR
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[72] HELMS, WILLIAM, US
[72] CARLUCCI, JOHN, US
[72] FAHRNY, JAMES WILLIAM, US
[72] FAHRNY, JAMES WILLIAM, US
[73] NGNA, LLC, US
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[54] **NOYAU D'ENROULEMENT RESTAURE ET METHODE ET APPAREIL POUR FABRIQUER CELUI-CI**
[72] D'ANGLADE, PIERRE-MICHEL, CA
[73] ABZAC CANADA INC., CA
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[51] **Int.Cl. A61L 15/42 (2006.01) A61L 15/26 (2006.01)**
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[54] **PROCEDES DE CICATRISATION DE PLAIES RACCOURCIS PAR L'INTERMEDIAIRE DE NON-TISSES D'UN NOUVEAU TYPE**
[72] THIERAUF, AXEL, DE
[72] BAECKER, IWER, DE
[72] HAISCH, ANDREAS, DE
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[54] **METHODE PERMETTANT DE DETERMINER RAPIDEMENT UNE TENEUR EN MATIERES GRASSES ET APPAREIL CORRESPONDANT**
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[73] CEM CORPORATION, US
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[54] **PROCEDE D'IMAGERIE PAR TOMOGRAPHIE PAR EMISSION DE POSITRONS**

[72] LOW, PHILIP STEWART, US
[72] VARGHESE, BINDU, US
[72] VLAHOV, IONTCHO RADOSLAVOV, US

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[51] **Int.Cl. A61K 9/48 (2006.01)**

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[54] **CAPSULE EN DEUX PARTIES A FERMETURE PREALABLE DESTINEE A RECEVOIR DES PREPARATIONS PHARMACEUTIQUES POUR DES INHALATEURS A POUDRE**

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[72] KUHN, ROLF, DE
[72] METZGER, BURKHARD, DE
[72] HOELZ, HUBERT, DE
[72] LUSTENBERGER, STEFAN, DE
[72] WACHTEL, HERBERT, DE
[73] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE

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[54] **METHODES ET APPAREILLAGE POUR SYSTEME DE PROJECTILE AVEC VITESSE AU CHOIX**

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[72] CONRARDY, NEAL, US
[73] RAYTHEON COMPANY, US

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[54] **GLYCINE REUPTAKE INHIBITORS FOR TREATING DRUG AND ALCOHOL DEPENDENCE**

[54] **INHIBITEURS DU RECAPTAGE DE LA GLYCINE POUR LE TRAITEMENT DE LA DEPENDANCE A UNE DROGUE**

[72] MOLANDER, ANNA, SE
[72] SODERPALM, BO, SE
[73] MERCK SHARP & DOHME B.V., NL

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[72] JUNG, HERBERT, DE
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[54] **USE OF PYRIMIDYLAMINO BENZAMIDES FOR THE TREATMENT OF DISEASES THAT RESPOND TO MODULATION OF TIE-2 KINASE ACTIVITY**

[54] **UTILISATION DE PYRIMIDYLAMINO BENZAMIDES DESTINEES AU TRAITEMENT DE MALADIES QUI REPENDENT A LA MODULATION DE L'ACTIVITE TIE.2 KINASE**

[72] MANLEY, PAUL W., CH
[72] MARTINY-BARON, GEORG, DE
[72] MESTAN, JUERGEN, DE
[73] NOVARTIS AG, CH

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[54] **PROCEDE DE FABRICATION DE COMPOSES D'ACIDES AMINOPOLYALKYLENEPHOSPHONIQUES**

[72] NOTTE, PATRICK P., BE
[72] VANESSE, ISABELLE EMMANUEL, BE
[72] VAN BREE, JAN H. J., BE
[73] STRAITMARK HOLDING AG, CH
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[54] **METHODS OF USING AS ANALGESICS 1-BENZYL-1-HYDROXY-2,3-DIAMINO-PROPYLAMINES, 3-BENZYL-3-HYDROXY-2-AMINO-PROPIONIC ACID AMIDES AND RELATED COMPOUNDS**

[54] **METHODES D'UTILISATION COMME ANALGESIQUE LES AMINES 1 BENZYL 1 HYDROXY 2,3 DIAMINO PROPYL, LES ACIDES AMINES 3 BENZYL 3 HYDROXY 2 AMINO PROPIONIQUE ET LES COMPOSES LIES**

[72] LEBLOND, BERTRAND, FR
[72] BEAUSOLEIL, ERIC, FR
[72] TAVERNE, THIERRY, FR
[72] DONELLO, JOHN E., US
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[72] MENNONE, MICHAEL, US
[73] ROCKBESTOS SURPRENANT CABLE CORP., US
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[54] **CLINKER, SYSTEM AND METHOD FOR MANUFACTURING THE SAME**

[54] **MACHEFER, SYSTEME ET METHODE DE FABRICATION CONNEXE**

[72] PINIECKI, RONALD ROBERT, US
[73] EDW. C. LEVY CO., US
[86] (2597842)
[87] (2597842)
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[13] A1

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[54] **SIEGE DE VEHICULE**

[72] TAKAYASU, WATARU, JP
[72] NIITSUMA, KENICHI, JP
[73] TS TECH CO., LTD., JP
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[54] **CHAUDIERE A VAPEUR HORIZONTALE**

[72] BRUECKNER, JAN, DE
[72] FRANKE, JOACHIM, DE
[72] KRAL, RUDOLF, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2007-08-14
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[54] **PROCESS FOR THE PREPARATION OF A SPREADABLE DISPERSION**

[54] **PROCEDE DE PREPARATION D'UNE DISPERSION A TARTINER**

[72] BARENDSE, SANDRA PETRONELLA, NL
[72] FLOETER, ECKHARD, NL
[72] HOGERVORST, WIM THEODORUS, NL
[72] HORSEN, DIRK SIMON HENDRIKS VAN, NL
[72] HUIZINGA, HINDRIK, NL
[72] KEMPEN, GIJSBERT MICHIEL PETER VAN, NL
[73] UNILEVER PLC, GB
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[54] **DISPOSITIF SERVANT A TRESSER LES CHEVEUX**
- [72] BROUILLARD, PATRICK M., CA
[73] CONAIR CORPORATION, US
[86] (2598576)
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[54] **EMBOUT POUR TUBE DE GUIDAGE, ENSEMBLE ET PROCEDE CORRESPONDANTS**
- [72] SCHWADRON, JAMES THIMOTHY, US
[72] NIEMI, LESLIE WADE, US
[72] MARZEC, GREGORY, US
[73] AFFIVAL, INC., US
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[13] A1

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[54] **METHODE ET DISPOSITIF ELECTRONIQUE PORTATIF POUR NAVIGATION A AGENDA AMELIORE A L'AIDE D'UNE INTERFACE UTILISATEUR**
- [72] BELLS, MATTHEW, CA
[72] MAY, DARRELL, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2600247)
[87] (2600247)
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[54] **SOUND REDUCING WEDGE SHAPED POLYMER INTERLAYERS**
[54] **INTERCOUCHES POLYMERES CUNEIFORMES DE REDUCTION SONORE**
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[72] DAER, BRIAN, US
[73] SOLUTIA INCORPORATED, US
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[54] **SELECTIVELY TEARABLE STOCK MATERIAL FOR A DUNNAGE CONVERSION MACHINE AND METHOD**
[54] **MATIERE PREMIERE A DECHIREMENT SELECTIF POUR UNE MACHINE DE TRANSFORMATION EN PRODUIT DE REMBOURRAGE ET PROCEDE**
- [72] CHEICH, ROBERT C., US
[73] RANPAK CORP., US
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[54] **MEMBRANE ELECTRODE ASSEMBLY FOR PROTON-EXCHANGE MEMBRANE FUEL CELL**
[54] **DISPOSITIF D'ELECTRODE A MEMBRANE POUR PILE A COMBUSTIBLE A MEMBRANE D'ECHANGE DE PROTONS**
- [72] LI, WEN, US
[72] MULDOON, JOHN, US
[72] HAMAGUCHI, HIROSHI, JP
[72] TSUJIKO, AKIRA, JP
[72] SAITO, TOSHIYA, US
[72] WYCISK, RYSZARD J., US
[72] LIN, JUN, US
[72] PINTAURO, PETER N., US
[73] TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC., US
[73] TOYOTA MOTOR CORPORATION, JP
[73] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **ULTRASONIC WOUND DEBRIDER PROBE AND METHOD OF USE**
[54] **SONDE A ULTRASONS DE DEBRIDEMENT DE PLAIES ET PROCEDE D'UTILISATION DE CELLE-CI**
- [72] NOVAK, THEODORE A. D., US
[72] MANNA, RONALD R., US
[72] VOIC, DAN, US
[72] ISOLA, SCOTT, US
[73] MISONIX INCORPORATED, US
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[73] SEMVAC A/S, DK
[85] 2007-10-02
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[30] DK (PA 2005 00487) 2005-04-06

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[54] **NOUVEAUX AGONISTES DE L'ANGIOTENSINE II BICYCLIQUE**
[72] ALTERMAN, MATHIAS, SE
[72] HALLBERG, ANDERS, SE
[72] SUBBAIAH, MURUGAIAH ANDAPPAN MURUGAIAH, IN
[73] VICORE PHARMA AB, SE
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[54] **PAPIER D'ECRITURE**
[72] HANSSON, OLOF, SE
[73] WHITELINES AB, SE
[85] 2007-10-05
[86] 2006-04-07 (PCT/US2006/013061)
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[11] **2,604,103**
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[51] **Int.Cl. A21C 15/00 (2006.01) A21D 13/00 (2006.01) A23G 3/20 (2006.01) A23G 9/24 (2006.01) A23L 1/00 (2006.01) A23P 1/08 (2006.01)**
[25] EN
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[54] **APPAREIL ET PROCEDE POUR APPLIQUER DES PARTICULES COMESTIBLES SOLIDES A UN SUBSTRAT COMESTIBLE**
[72] BELZOWSKI, MARLA D., US
[72] LUDWICK, RICHARD EUGENE, US
[73] NESTEC S.A., CH
[85] 2007-10-10
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[13] A1

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[54] **CONCENTRATEUR CENTRIFUGE AVEC REBORD DE DIAMETRE VARIABLE**
[72] MCALISTER, STEVEN A., CA
[73] MCALISTER, STEVEN A., CA
[85] 2007-10-11
[86] 2006-04-13 (PCT/CA2006/000596)
[87] (WO2006/111008)
[30] US (60/672,024) 2005-04-18

[11] **2,605,014**
[13] A1

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[54] **PROCESS FOR DRYING URONIC ACID OLIGOSACCHARIDES**
[54] **PROCEDE DE SECHAGE DES OLIGOSACCHARIDES DE L'ACIDE URONIQUE**
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[72] STAHL, BERND, DE
[72] VAN BAALEN, ANTONIE, NL
[73] N.V. NUTRICIA, NL
[85] 2007-10-15
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[30] EP (05103302.5) 2005-04-22

[11] **2,605,114**
[13] A1

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[25] EN
[54] **WATER-SOLUBLE FLUORO-SUBSTITUTED CYANINE DYES AS REACTIVE FLUORESCENCE LABELLING REAGENTS**
[54] **COLORANTS A BASE DE CYANINE FLUORO-SUBSTITUEE HYDROSOLUBLES UTILISES COMME REACTIFS D'ETIQUETAGE A FLUORESCENCE REACTIVE**
[72] COOPER, MICHAEL EDWARD, GB
[72] GARDNER, NICHOLAS JOHN, GB
[72] LAUGHTON, PETER GORDON, GB
[73] GE HEALTHCARE UK LIMITED, GB
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[51] **Int.Cl. A01J 5/04 (2006.01)**
[25] EN
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UDDER DURING MILKING**
[54] **DISPOSITIF POUR STIMULER UN
PIS LORS D'UN PROCESSUS DE
TRAITE**

[72] HOEFELMAYR, TILMAN, CH
[73] LACTOCORDER AG, CH
[85] 2007-10-16
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[11] **2,605,473**
[13] A1

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A61P 25/18 (2006.01) C07C 57/15
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[25] EN
[54] **PROCESS FOR PREPARING
QUETIAPINE AND QUETIAPINE
FUMARATE**
[54] **PROCEDE DE FABRICATION DE
QUETIAPINE ET DE FUMARATE
DE QUETIAPINE**

[72] BOSCH LLADO, JORDI, ES
[72] BURGAROLAS MONTERO, MARIA
CARMEN, ES
[72] CHAMORRO GUTIERREZ,
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[73] MEDICHEM, S.A., ES
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[30] US (60/673,373) 2005-04-21
[30] US (60/730,864) 2005-10-28

[11] **2,606,068**
[13] A1

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[25] EN
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DERIVATIVES FOR
HYPEREOSINOPHILIC
SYNDROME**
[54] **DERIVES DE
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CONTRE LE SYNDROME
HYPEREOSINOPHILIQUE**

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[72] MESTAN, JUERGEN, DE
[72] FABBRO, DORIANO, CH
[73] NOVARTIS AG, CH
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[30] US (60/676,751) 2005-05-02

[11] **2,606,682**
[13] A1

[51] **Int.Cl. C07D 215/48 (2006.01) A61K
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(2006.01) C07D 215/38 (2006.01)
C07D 401/12 (2006.01) C07D 405/12
(2006.01) C07D 417/12 (2006.01)**

[25] EN
[54] **4-PHENYL-5-OXO-1,4,5,6,7,8-
HEXAHYDROQUINOLINE
DERIVATIVES AS
MEDICAMENTS FOR THE
TREATMENT OF INFERTILITY**
[54] **DERIVES DE 4-PHENYL-5-OXO-
1,4,5,6,7,8-
HEXAHYDROQUINOLINE
SERVANT DE MEDICAMENTS
POUR TRAITER L'INFERTILITE**

[72] TIMMERS, CORNELIS MARIUS, NL
[72] KARSTENS, WILLEM FREDERIK
JOHAN, NL
[72] GRIMA POVEDA, PEDRO MANUEL,
NL
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[54] **SPRAY NOZZLE, SPRAY DEVICE
AND THE OPERATION METHOD
THEREOF**
[54] **BUSE DE PULVERISATION,
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[54] **POWER CONTROL PROTOCOL
FOR HIGHLY VARIABLE DATA
RATE REVERSE LINK OF A
WIRELESS COMMUNICATION
SYSTEM**
[54] **PROTOCOLE DE COMMANDE DE
PUISSANCE POUR LIAISON
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VARIABLE, DANS UN SYSTEME
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[72] PROCTOR, JAMES A., JR., US
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[54] **USE OF A PARTIALLY NEUTRALIZED, ANIONIC (METH)ACRYLATE COPOLYMER AS A COATING FOR THE PRODUCTION OF A PHARMACEUTICAL FORM RELEASING ACTIVE SUBSTANCE AT REDUCED PH VALUES**

[54] **UTILISATION D'UN COPOLYMERE ANIONIQUE PARTIELLEMENT NEUTRALISE, A BASE D'ACRYLATE OU DE METHACRYLATE, COMME PRODUIT D'ENROBAGE D'UNE FORMULATION PHARMACEUTIQUE QUI LIBERE UNE SUBSTANCE ACTIVE A PH REDUIT**

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[54] **METHOD FOR REGENERATING IONIC EXCHANGE RESINS USED FOR SOFTENING WATER AND DEVICE FOR SOFTENING WATER**

[54] **PROCEDE PERMETTANT DE REGENERER DES RESINES ECHANGEUSES D'IONS UTILISEES POUR ADOUCIR L'EAU ET DISPOSITIF PERMETTANT D'ADOUCIR L'EAU**

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[54] **FERMENTED FOOD CONTAINING BIFIDOBACTERIUM BACTERIA AND METHOD FOR PRODUCING THE SAME**

[54] **ALIMENT FERMENTE CONTENANT LA BACTERIE BIFIDOBACTERIUM ET METHODE POUR LE PRODUIRE**

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[72] YOSHIKAWA, MASAKI, JP
[72] KUDO, TATSUYUKI, JP
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[54] **SURGICAL BENDING FORCEPS AND BENDING FORCEPS SYSTEM**

[54] **PINCE A CINTRER CHIRURGICALE ET SYSTEME DE PINCE A CINTRER**

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[54] **NANOPARTICULES HYDROPHILES A GROUPES SUPERFICIELS FONCTIONNELS, LEUR PRODUCTION ET LEUR UTILISATION**
[72] HOHEISEL, WERNER, DE
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[72] SHEN, WANG, US
[72] DICKMAN, DANIEL A., US
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[73] CHROMA AUSTRALIA PTY LIMITED, AU
[85] 2008-01-14
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[54] **CONTAINER MADE FROM PLASTICS MATERIALS WITH A POLYMERIC ORGANOFUORINE INTERIOR COATING FOR ACTIVE-COMPOUND FORMULATIONS FOR CROP PROTECTION OR PROTECTION OF MATERIALS**

[54] **CONTENANT EN MATIERES PLASTIQUES DOTE D'UN REVETEMENT INTERNE FLUORORGANIQUE POLYMERIQUE ET DESTINE A DES FORMULATIONS DE PRINCIPE ACTIF AUX FINS DE PROTECTION DES PLANTES OU DES MATERIAUX**

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[54] **ELECTRONIC MANAGER FOR BREAD DOUGH MIXERS AND OPERATING METHOD**

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[54] **MATIERES MOULABLES THERMOPLASTIQUES A BASE DE POLYESTERS ET DE COPOLYMERES DE STYRENE**

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[72] HOPFENSPIRGER, XAVER, DE
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[25] EN
[54] **METHOD FOR ARC OR BEAM BRAZING/WELDING OF WORKPIECES OF IDENTICAL OR DIFFERENT METALS OR METAL ALLOYS WITH ADDITIONAL MATERIALS OF SN BASE ALLOYS; SN BASE ALLOY WIRE**

[54] **PROCEDE DE BRASAGE/SOUDAGE A L'ARC OU AU FAISCEAU DE PIECES CONSTITUEES DE METAUX OU D'ALLIAGES METALLIQUES IDENTIQUES OU DIFFERENTS A L'AIDE DE MATERIAUX SUPPLEMENTAIRES D'ALLIAGES A BASE DE SN ; FIL EN ALLIAGE A BASE DE SN**

[72] SPRIESTERSBACH, JOCHEN, DE
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[72] PRENGER, FRANK, DE
[73] GRILLO-WERKE AKTIENGESELLSCHAFT, DE
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[54] **INHIBITEURS DES CANAUX SODIUM SENSIBLES AU VOLTAGE**

[72] FULP, ALAN, US
[72] MARRON, BRIAN, US
[72] SUTO, MARK J., US
[72] WANG, XIAODONG, CN
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[72] MON, JOHN, US
[73] CELSION CORPORATION, US
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[72] MORITA, NOBUYUKI, JP
[72] SEKIGUCHI, KAORU, JP
[73] THE FURUKAWA ELECTRIC CO., LTD., JP
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[54] **POUSSETTE PLIABLE POUR BEBES ET JEUNES ENFANTS**
[72] JANE SANTAMARIA, MANUEL, ES
[73] JANE, S.A., ES
[86] (2620904)
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[54] **OPTICALLY ACTIVE DIAMINE DERIVATIVE AND PROCESS FOR PRODUCING THE SAME**
[54] **DERIVE DE DIAMINE OPTIQUEMENT ACTIF ET PROCEDE DE SYNTHESE DUDIT DERIVE**
[72] SATO, KOJI, JP
[72] KAWANAMI, KOTARO, JP
[72] YAGI, TSUTOMU, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[72] KUCER, STEPHEN, CA
[72] FRIEDMAN, NITAI, CA
[73] KUCER, STEPHEN, CA
[86] (2621667)
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[54] **METHOD FOR OPTIMIZING HEALTH AND PRODUCTIVITY OF MILK PRODUCING ANIMALS**
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[72] BENNETT, THOMAS B., US
[72] OETZEL, GARRETT R., US
[72] CLAYTON, MURRAY K., US
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[72] JONES, STUART ALLEN, GB
[73] MEDPHARM LIMITED, GB
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[54] **METHOD AND SYSTEM FOR DECODING ENCODED IMAGES AND REDUCING THE SIZE OF SAID IMAGES**

[54] **METHODE ET SYSTEME DE DECODAGE D'IMAGES CODEES ET DE REDUCTION DE LA TAILLE DESDITES IMAGES**

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[72] LAMB, BRIAN, CA
[72] YANG, EN-HUI, CA
[73] BLACKBERRY LIMITED, CA
[86] (2622842)
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[54] **TURBINE A GAZ A TRANSFERT D'ENERGIE ET PROCEDE**

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[72] WYNICK, DAVID, GB
[73] HUNTER-FLEMING LIMITED, GB
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[54] **PROCEDES POUR LA REDUCTION DE NIVEAUX D'IMPURETE DANS DES POLYMERES ET DES PRODUITS FABRIQUES A PARTIR DE CEUX-CI**

[72] ZOLLINGER, MARK L., US
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[54] **PHOTO-RESPONSIVE MICROENCAPSULATION MATERIALS, COMPOSITIONS AND METHODS OF USE THEREOF**

[54] **MATERIAUX DE MICRO-ENCAPSULATION PHOTOLENSIBLES, COMPOSITIONS ET PROCEDES D'UTILISATION**

[72] STOWELL, MICHAEL H. B., US
[73] SOLARBRE, INC., US
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[72] THEORET, RICHARD, CA
[72] HELIE, SYLVAIN, CA
[73] UNIVERSITE LAVAL, CA
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[54] **MATERIAU COMPOSITE ANTISALISSURE**

[72] NAKAYAMA, TSURUO, JP
[72] JIKIHARA, YOUHEI, JP
[72] WATANABE, YASUYOSHI, JP
[72] MOTOJIMA, NOBUKAZU, JP
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[72] KORTES, JAN GERRIT, NL
[72] NOORDAM, BERTUS, NL
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[54] **PLATE-FORME FIXÉE PAR SERRAGE DE MANIÈRE AMOVIBLE**

[72] BURCHETT, CHAD, US
[72] PHILLIPS, RODNEY, US
[73] VOLVO GROUP NORTH AMERICA, LLC., US
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[54] **MODULAR TOP DRIVE**

[54] **ENTRAÎNEMENT PAR LE HAUT MODULAIRE**

[72] KUTTEL, BEAT, US
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[72] YOUSEF, FAISAL J., US
[72] RICHARDSON, ALAN S., US
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[54] **ENSEMBLE PIVOTANT DE SERPENTIN**

[72] SHAMPINE, ROD, US
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[72] WILSON, MATTHEW E., US
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[54] **POLYTHÉRAPIE FAISANT APPEL A DES INHIBITEURS DE LA PARP**

[72] WERNET, WOLFGANG, DE
[72] PENNING, THOMAS D., US
[72] GIRANDA, VINCENT L., US
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[72] REED, MICHAEL JOHN, GB
[72] WOO, LOK WAI LAWRENCE, GB
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[54] **POLYALKYLENE GLYCOLS COMPRENANT UNE QUANTITÉ RÉDUITE D'OLIGOMÈRES**

[72] THOMPSON, ROBERT KIRK, US
[72] VARINEAU, PIERRE THOMAS, US
[72] BARNER, BRUCE ARMIN, US
[72] WILSON, DAVID ALAN, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCÉDE DE PRODUCTION D'UN ÉLÉMENT DE REVÊTEMENT**

[72] RUHDORFER, HERBERT, AT
[73] INTERGLARION LIMITED, CY
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[54] **NOUVELLE CONSTRUCTION D'UN DISPOSITIF DE BATON SEC ET PROCEDE POUR DETERMINER UNE SUBSTANCE A ANALYSER DANS UN ECHANTILLON UTILISANT LEDIT DISPOSITIF DE BATON SEC**

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[73] LATTEC I/S, DK

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[73] THOMAS & BETTS INTERNATIONAL, INC., US

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[72] STIRLEN, WILLIAM CHRISTOPHER, US

[72] MEHL, THOMAS WALTER HEINRICH, US

[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

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[72] WISSEMEIER, ALEXANDER, DE

[72] DECK, PATRICK, DE

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[72] CARSTENSEN, THOMAS A., US

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[72] URSENBACH, DAN O., US

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[72] ROE, DONALD CARROLL, US

[72] NISHIKAWA, MASAHARU, US

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[72] LIU, KUANG-KAI, US

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[72] KLEIN, RALF, US

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[73] FUJIKURA LTD., JP
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[54] **METHOD AND APPARATUS FOR REDUCED EMISSIONS FUEL COMBUSTION**
[54] **PROCEDE ET APPAREIL REDUISANT LES EMISSIONS LIEES A LA COMBUSTION DE COMBUSTIBLES**
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[72] KANE, JOHN E., US
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[73] WELLS PRODUCTS GROUP, INC., US
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[54] **NOUVEAU SYSTEME DE CONTENTION POUR LE TRAITEMENT ET LA PREVENTION DES PATHOLOGIES DES MALADIES VEINEUSES**
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[72] VERMEULEN, CATHERINE, FR
[73] LABORATOIRES URGO, FR
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[54] **ENSEMBLE DE DISPOSITIF D'OUVERTURE DE PRECISION POUR BINEUSE ET DE ROUE DE TASSEMENT**
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[72] POMEDLI, BARRY, CA
[72] GADZELLA, GERARD JAMES, CA
[73] CNH CANADA, LTD., CA
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[54] **REACTEUR CATALYTIQUE COMPRENANT DES PREMIERS ET DES SECONDS CANAUX D'ECOULEMENT DISPOSES DE FACON ALTERNEE**
[72] BOWE, MICHAEL JOSEPH, GB
[72] WEST, DAVID JAMES, GB
[72] PEAT, ROBERT, GB
[72] GILLESPIE, ROBERT FREW, GB
[72] BRABON, STEVEN, GB
[73] COMPACTGTL LIMITED, GB
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[54] **METHODE DE RENDU ET DE PRODUCTION EN TEMPS REEL D'HOLOGRAMMES VIDEO GENERES PAR ORDINATEUR**
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[73] SEEREAL TECHNOLOGIES S.A., LU
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[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[72] VAN NORREN, DIRK, NL
[72] BERENDSCHOT, TOS T.J.M., NL
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[73] NORSK BIOGASS AS, NO
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[54] **SYSTEME ET METHODE D'ATOMISATION DE FLUIDE**
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[73] FINISHING BRANDS HOLDINGS INC., US
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[54] **COUCHES INTERMEDIAIRES COMPRENANT DE LA SILICE FUMEE MODIFIEE**
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[73] SOLUTIA INCORPORATED, US
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[72] GEORGESON, GARY E., US
[72] CLARK, GREGORY J., US
[72] DUCE, JEFFREY L., US
[72] FOGARTY, MICHAEL D., US
[73] THE BOEING COMPANY, US
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[87] (2655489)
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[11] **2,656,031**
[13] A1
[51] **Int.Cl. B29D 99/00 (2010.01) B05B 11/00 (2006.01)**
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[54] **A ONE-PIECE TRIGGER SPRAY CAP**
[54] **EMBOUT DE PISTOLET A GACHETTE MONOBLOC**
[72] STRAND, TORALF H., US
[73] SUMMIT PACKAGING SYSTEMS, INC., US
[85] 2008-12-17
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[25] EN
[54] **MIXTURE FOR IMPROVED FOAMING IN THE EXTRACTION OF PETROLEUM OR NATURAL GAS**
[54] **COMPOSITION POUR LA FORMATION AMELIOREE DE MOUSSE LORS DE L'OBTENTION DE PETROLE OU DE GAZ NATUREL**
[72] STEINBRENNER, ULRICH, DE
[73] BASF SE, DE
[85] 2008-12-30
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[72] PATEL, UDAYAN, US
[73] ICON MEDICAL CORP., US
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[72] MULVEY, PHILIP JAMES, AU
[73] ENVIRONMENTAL & EARTH
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[54] **LIQUID EFFLUENT
BIOFILTRATION METHOD
METHODE DE BIOFILTRATION
D'UN EFFLUENT LIQUIDE**
[72] BUELNA, GERARDO, CA
[72] LE BIHAN, YANN, CA
[72] DUBE, RINO, CA
[72] LESSARD, PAUL, CA
[72] DUFOUR-L'ARRIVEE, CAROLINE,
CA
[73] CENTRE DE RECHERCHE
INDUSTRIELLE DU QUEBEC, CA
[86] (2659506)
[87] (2659506)
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[54] **PLAY AND SPORT DEVICE FOR
LOBBING AND CATCHING A
FLYING OBJECT, WHICH CAN
BE PLAYED USING ONE HAND
APPAREIL DE JEU ET DE SPORT,
A MANIER D'UNE SEULE MAIN,
POUR PERCER ET ATTRAPER UN
OBJET VOLANT**
[72] ALTENBURGER, GREGOR, CH
[72] ROBUSTELLI, URS, CH
[73] ALTENBURGER, GREGOR, CH
[73] ROBUSTELLI, URS, CH
[85] 2009-01-27
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[25] EN
[54] **PROCESS FOR DISPERSING
NANOCATALYSTS INTO
PETROLEUM-BEARING
FORMATIONS
PROCEDE DE DISPERSION DE
NANOCATALYSEURS DANS DES
FORMATIONS COMPORTANT DU
PETROLE**
[72] LANGDON, JOHN E., US
[72] WARE, CHARLES H., US
[73] WORLD ENERGY SYSTEMS, INC.,
US
[85] 2009-02-26
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[54] **MICHAEL SYSTEMS AS
TRANSGLUTAMINASE
INHIBITORS
SYSTEMES DE MICHAEL
UTILISES COMME INHIBITEURS
DE LA TRANSGLUTAMINASE**
[72] OERTEL, KAI, DE
[73] ZEDIRA GMBH, DE
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[54] **PROCESS, REACTOR AND
FACILITY FOR THERMALLY
CRACKING HEAVY PETROLEUM
OIL
PROCEDE DE CRAQUAGE
THERMIQUE, REACTEUR DE
CRAQUAGE THERMIQUE ET
APPAREIL DE CRAQUAGE
THERMIQUE POUR PETROLE
LOURD**
[72] NOMURA, MAKOTO, JP
[72] MIMURA, KENICHI, JP
[72] MAEKAWA, MUNENORI, JP
[72] SUZUKI, NAOKO, JP
[72] YAGI, KATSUNORI, JP
[73] CHIYODA CORPORATION, JP
[73] FUJI OIL CO., LTD., JP
[85] 2009-03-17
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[54] **VEHICLE CONTROLLER
DISPOSITIF DE COMMANDE
POUR UN VEHICULE**
[72] OKAYAMA, HIDEO, JP
[72] KOJI, YOSHINOBU, JP
[72] UEDA, KIYONOBU, JP
[72] ADACHI, YASUHISA, JP
[73] MITSUBISHI ELECTRIC
CORPORATION, JP
[85] 2008-11-19
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[54] **MULTILAYER ELEMENT COMPRISING MICROLENSSES**

[54] **CORPS MULTICOUCHE COMPORTANT DES MICRO-LENTILLES**

[72] HANSEN, ACHIM, CH

[72] TOMPKIN, WAYNE ROBERT, CH

[72] SCHILLING, ANDREAS, CH

[73] OVD KINEGRAM AG, CH

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[13] A1

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[54] **FILM-COATED PREPARATION HAVING IMPROVED STABILITY**

[54] **PREPARATION REVETUE D'UN FILM AYANT UNE STABILITE AMELIOREE**

[72] WATANABE, TOMOYUKI, JP

[72] MAEDA, KAZUKO, JP

[73] DAIICHI SANKYO COMPANY, LIMITED, JP

[73] UBE INDUSTRIES, LTD., JP

[85] 2009-06-05

[86] 2007-12-06 (PCT/JP2007/073547)

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[13] A1

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[25] EN

[54] **APPARATUS AND METHOD FOR PERFORMING CELL SELECTION TO HOME CELL OR PRIVATE NETWORK IN A MOBILE COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCEDE D'EXECUTION D'UNE SELECTION DE CELLULE SUR UNE CELLULE LOCALE OU UN RESEAU PRIVE DANS UN SYSTÈME DE COMMUNICATION MOBILE**

[72] JEONG, KYEONG-IN, KR

[72] VAN LIESHOUT, GERT JAN, GB

[72] KIM, SOENG-HUN, KR

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

[85] 2009-07-09

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[87] (WO2008/088168)

[30] KR (10-2007-0004900) 2007-01-16

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[13] A1

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[25] EN

[54] **CAPACITIVE DISCHARGE WELDING POWER SUPPLY AND CAPACITIVE DISCHARGE WELDER USING THE SAME**

[54] **ALIMENTATION POUR SOUDAGE A DECHARGE CAPACITIVE ET SOUDEUSE A DECHARGE CAPACITIVE L'UTILISANT**

[72] GUNNING, KEVIN, US

[72] LEVY, STANLEY, US

[72] HUMPHREY, GLEN HOLT, US

[73] MIYACHI UNITEK CORPORATION, US

[85] 2009-07-17

[86] 2008-01-24 (PCT/US2008/001019)

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[54] **CASING VALVES SYSTEM FOR SELECTIVE WELL STIMULATION AND CONTROL**

[54] **SYSTÈME DE FLOTTEURS A TUBE POUR UNE STIMULATION SELECTIVE ET UNE COMMANDE DE Puits**

[72] TIPS, TIMOTHY R., US

[72] CURINGTON, ALFRED R., US

[73] WELLDYNAMICS, INC., US

[85] 2009-07-13

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[13] A1

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[25] EN

[54] **SUSTAINED DELIVERY FORMULATIONS OF RAPAMYCIN COMPOUNDS**

[54] **FORMULES DE DISTRIBUTION SOUTENUE DE COMPOSES DE RAPAMYCINE**

[72] MARGARON, PHILIPPE MARIA CLOTAIRE, CA

[72] DADEY, ERIC, US

[72] LINDEMANN, CHRISTOPHER M., US

[72] LI, RUIHONG, CA

[73] QLT INC., CA

[73] TOLMAR THERAPEUTICS, INC., US

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[54] **SHAPE MATCHING CUSHION**

[54] **COUSSINET D'ADAPTATION DE FORME**

[72] GRAEBE, ROBERT H., US

[73] ROHO, INC., US

[85] 2009-08-12

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[13] A1

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[25] EN

[54] **A MEDICAMENT FOR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE**

[54] **MEDICAMENT TRAITANT LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**

[72] YABUUCHI, YOICHI, JP

[72] KOTOSAI, KOUNORI, JP

[73] OTSUKA PHARMACEUTICAL CO., LTD., JP

[85] 2009-08-18

[86] 2008-03-07 (PCT/JP2008/054689)

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[51] **Int.Cl. E05B 65/08 (2006.01) E05B 65/00 (2006.01) E05C 9/00 (2006.01)**

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[54] **TWO POINT LOCK FOR DOORS AND WINDOWS**

[54] **VERROU A DEUX POINTS POUR DES PORTES ET DES FENETRES**

[72] CHUNG, STANLEY, US

[72] BOURGOIN, BRIAN, US

[72] BRIGGS, JEFFREY M., US

[72] DEMARSELLES, PAUL, US

[73] UNION TOOL EXPORTERS, LTD., TW

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[30] US (12/062,391) 2008-04-03

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[54] **BLAST HOLE DRILL BIT CAROUSEL AND A BLAST HOLE DRILL INCLUDING A BLAST HOLE DRILL BIT CAROUSEL**

[54] **CARROUSEL D'OUTILS DE FORAGE ET FOREUSE DE TROUS DE MINE COMPRENANT UN CARROUSEL D'OUTILS DE FORAGE**

[72] BIENFANG, DAVID T., US

[72] TARNOWSKI, BRET A., US

[72] FALENDYSZ, NATHANIEL A., US

[73] CATERPILLAR GLOBAL MINING LLC, US

[86] (2679189)

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[13] A1

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[25] EN

[54] **METHOD FOR TRANSMITTING/RECEIVING BROADCASTING SIGNAL AND BROADCASTING SIGNAL RECEIVER**

[54] **PROCEDE D'EMISSION/RECEPTION D'UN SIGNAL DE RADIODIFFUSION ET RECEPTEUR DE SIGNAL DE RADIODIFFUSION**

[72] YUN, CHANG SIK, KR

[72] CHOI, IN HWAN, KR

[72] KWAK, KOOK YEON, KR

[72] LEE, HYOUNG GON, KR

[72] SONG, WON GYU, KR

[72] KIM, JIN PIL, KR

[72] KIM, JONG MOON, KR

[72] KIM, JIN WOO, KR

[72] KIM, BYOUNG GILL, KR

[73] LG ELECTRONICS INC., KR

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[30] KR (10-2007-0021392) 2007-03-05

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[13] A1

[51] **Int.Cl. F21V 21/04 (2006.01) F21V 21/30 (2006.01)**

[25] EN

[54] **ACCENT LIGHT ADJUSTABLE ASSEMBLY**

[54] **APPAREIL D'ECLAIRAGE AJUSTABLE**

[72] THOMAS, ERIK P., US

[72] FRANCIS, DANIEL F., US

[72] RODRIGUES, ORLANDO, US

[73] GENLYTE THOMAS GROUP LLC, US

[86] (2680422)

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[54] **RELEASE HOLDING MECHANISM FOR RAILCAR HAND BRAKE**

[54] **MECANISME DE MAINTIEN DE DESSERRAGE POUR FREIN A MAINS DE WAGON**

[72] KANJO, WAJIH, US

[73] WABTEC HOLDING CORP., US

[85] 2009-09-12

[86] 2008-03-14 (PCT/US2008/057020)

[87] (WO2008/115801)

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[54] **TOPICAL FORMULATIONS HAVING ENHANCED BIOAVAILABILITY**

[54] **FORMULATIONS TOPIQUES AYANT UNE BIODISPONIBILITE AMPLIFIEE**

[72] MCCOOK, JOHN, PATRICK, US

[72] NARAIN, NIVEN RAJIN, US

[72] PERSAUD, INDUSHEKHAR, US

[73] BERG PHARMA LLC, US

[85] 2009-09-21

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[54] **DIVISIBLE CONTAINER CARRIER**
[54] **SUPPORT DE CONTENEUR POUVANT ETRE DIVISE**
[72] OLSEN, ROBERT, US
[72] MARCO, LESLIE, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2009-09-17
[86] 2008-03-17 (PCT/US2008/057189)
[87] (WO2008/134132)
[30] US (11/789,165) 2007-04-24

[11] **2,681,860**
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[25] EN
[54] **DIGITAL TRANSMISSION AND RECEPTION DEVICES FOR TRANSMITTING AND RECEIVING STREAMS, AND PROCESSING METHODS THEREOF**
[54] **DISPOSITIFS NUMERIQUES DE TRANSMISSION ET DE RECEPTION SERVANT A TRANSMETTRE ET A RECEVOIR DES FLUX, ET PROCEDES DE TRAITEMENT DE CEUX-CI**
[72] JI, KUM-RAN, KR
[72] YU, JUNG-PIL, KR
[72] PARK, CHAN-SUB, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2009-09-24
[86] 2008-05-15 (PCT/KR2008/002722)
[87] (WO2008/140276)
[30] US (60/938,055) 2007-05-15
[30] KR (10-2008-0044951) 2008-05-15

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[25] EN
[54] **SELECTIVE INFORMATION HANDLING FOR VIDEO PROCESSING**
[54] **MANIPULATION D'INFORMATIONS SELECTIVE POUR UN TRAITEMENT VIDEO**
[72] AU, JAMES, CA
[72] MOSS, BARRY, CA
[73] SCIENTIFIC-ATLANTA, INC., US
[85] 2009-09-29
[86] 2008-03-27 (PCT/US2008/058349)
[87] (WO2008/127855)
[30] US (11/693,439) 2007-03-29

[11] **2,683,001**
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[51] **Int.Cl. C08F 283/12 (2006.01) A61L 27/16 (2006.01) C08F 290/06 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC AND OTORHINOLARYNGOLOGICAL DEVICE MATERIALS CONTAINING PHENYLENE-SILOXANE MACROMERS**
[54] **MATERIAUX DE DISPOSITIF OPHTALMIQUE ET OTORHINOLARYNGOLOGIQUE CONTENANT DES MACROMERES DE PHENYLENE-SILOXANE**
[72] SCHLUETER, DOUGLAS C., US
[72] JINKERSON, DAVID L., US
[73] ALCON, INC., CH
[85] 2009-10-05
[86] 2008-04-29 (PCT/US2008/061837)
[87] (WO2008/134672)
[30] US (60/914,968) 2007-04-30

[11] **2,683,132**
[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01) B64C 13/50 (2006.01)**
[25] EN
[54] **MULTI-AXIS SERIALY REDUNDANT, SINGLE CHANNEL, MULTI-PATH FLY-BY-WIRE FLIGHT CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VOL ELECTRIQUE MULTIVOIE. A CANAL UNIQUE ET REDONDANCE SERIE MULTIAXE**
[72] LIN, SHU, CA
[72] SMITH, TIMOTHY, CA
[72] DE SERRES, PIERRE, CA
[73] BOMBARDIER INC., CA
[85] 2009-10-05
[86] 2008-03-26 (PCT/GB2008/050216)
[87] (WO2008/122820)
[30] US (60/921,955) 2007-04-05

[11] **2,684,813**
[13] A1

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[25] EN
[54] **NEW PHARMACEUTICAL COMPOSITION FOR USE AS A LAXATIVE**
[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE POUR UTILISATION COMME LAXATIF**
[72] MORICK, WOLFGANG, DE
[72] PRENNER, LARS-NORBERT, DE
[72] HUBBERT, MICHAEL, DE
[72] GEBHART, KURT N., DE
[72] BEHM, WOLF, DE
[73] MADAUS GMBH, DE
[85] 2009-10-21
[86] 2008-03-18 (PCT/EP2008/002126)
[87] (WO2008/135115)
[30] DE (10 2007 020 842.3) 2007-05-02
[30] DE (10 2007 023 397.5) 2007-05-18

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[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO BEVERAGE PREPARATION MACHINES**

[54] **AMELIORATIONS POUVANT ETRE APORTEES A DES MACHINES DE PREPARATION DE BOISSONS**

[72] SAXTON, PAUL ADRIAN, GB

[72] TANNER, ROGER GEOFFREY, GB

[73] KRAFT FOODS R & D, INC., US

[85] 2009-11-10

[86] 2008-05-16 (PCT/US2008/063827)

[87] (WO2008/144468)

[30] GB (0709585.4) 2007-05-18

[30] US (60/940,118) 2007-05-25

[11] **2,685,945**
[13] A1

[51] **Int.Cl. E05F 15/04 (2006.01) E05F 3/14 (2006.01)**

[25] EN

[54] **OUTPUT SHAFT, TEETER LEVER AND PINION GEAR ARRANGEMENT FOR PNEUMATIC DIFFERENTIAL ENGINE**

[54] **ARBRE DE SORTIE, LEVIER A BASCULE ET AGENCEMENT DE PINIONS D'ENGRENAGE DESTINES A UN MOTEUR DIFFERENTIEL PNEUMATIQUE**

[72] PLAVNIK, GENNADY, US

[72] GRIFFIS, DAVID C., US

[72] O'NEILL, MICHAEL, US

[73] WABTEC HOLDING CORP., US

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[86] 2008-05-01 (PCT/US2008/062157)

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[54] **RELEASABLE TOILET SEAT ASSEMBLY**

[54] **ENSEMBLE DE SIEGE DE TOILETTES LIBERABLE**

[72] LAUNDRE, JEFFREY T., US

[73] KOHLER CO., US

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[54] **RESISTANCE WELDING ELECTRODE**

[54] **ELECTRODE DE SOUDAGE PAR RESISTANCE**

[72] RODDY, ROBERT J., CA

[72] PARKS, ALLAN D., CA

[73] DOBEN LIMITED, CA

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[54] **ROTARY SEPARATOR AND METHOD**

[54] **SEPARATEUR ROTATIF ET PROCEDE ASSOCIE**

[72] MAIER, WILLIAM C., US

[73] DRESSER-RAND COMPANY, US

[86] (2689571)

[87] (2689571)

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[54] **STEREOSCOPIC TELEVISION SYSTEM, STEREOSCOPIC TELEVISION RECEIVER, AND GLASSES FOR STEREOSCOPIC IMAGE VIEWING**

[54] **SYSTEME DE TELEVISION TRIDIMENSIONNEL, RECEPTEUR DE TELEVISION TRIDIMENSIONNEL ET LUNETTES DE VISUALISATION D'IMAGES TRIDIMENSIONNELLES**

[72] INABA, MINORU, JP

[73] INABA, MINORU, JP

[85] 2009-12-07

[86] 2007-10-22 (PCT/JP2007/070970)

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[54] **IN SITU GROWTH, FREEZING AND TESTING OF CULTURED CELLS**

[54] **CROISSANCE, CONGELATION ET ESSAI SI(IN SITU) DE CELLULES DE CULTURE**

[72] SCHOLL, DAVID R., US

[72] AMBESI-IMPIOMBATO, FRANCESCO SAVERIO, IT

[72] BROWN, JAMES L., US

[72] KOHN, LEONARD D., US

[72] JOLLIK, JOSEPH A., JR., US

[73] DIAGNOSTIC HYBRIDS, INC., US

[73] INTHERTHYR CORPORATION, US

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[54] **REDUCING UNDESIRED POLYMERIZATION IN HYDROCARBON CRACKING PROCESSES**

[54] **REDUCTION DE LA POLYMERISATION INTEMPESTIVE DANS DES PROCEDES DE CRAQUAGE D'HYDROCARBURES**

[72] MCCLAIN, ROBERT D., US

[72] PATEL, NATU R., US

[72] GLATH, RAYMOND M., US

[73] ONDEO NALCO ENERGY SERVICES, L.P., US

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[25] EN
[54] **ALKYNYL PHENYL DERIVATIVE COMPOUNDS FOR TREATING OPHTHALMIC DISEASES AND DISORDERS**
[54] **DERIVES D'ALCYNYPHENYLE POUR TRAITER LES MALADIES ET LES AFFECTIONS OPHTHALMIQUES**
[72] SCOTT, IAN LESLIE, US
[72] KUKSA, VLADIMIR ALEKSANDROVICH, US
[72] ORME, MARK W., US
[72] LITTLE, THOMAS, US
[72] GALL, ANNA, US
[72] GAGE, JENNIFER, US
[72] HONG, FENG, US
[73] ACUCELA, INC., US
[85] 2009-12-08
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[51] **Int.Cl. B65G 47/51 (2006.01) B65G 47/68 (2006.01)**
[25] EN
[54] **METHOD FOR STORING AND TRANSPORTING PRODUCTS AND A LOW PRESSURE STORAGE DEVICE THEREFORE**
[54] **PROCEDE DE STOCKAGE ET D'ACHEMINEMENT DE PRODUITS ET DISPOSITIF DE STOCKAGE BASSE PRESSION UTILISE A CET EFFET**
[72] SEGER, MARTIN, DE
[72] HUETTNER, JOHANN, DE
[73] KRONES AG, DE
[85] 2009-12-10
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[13] A1
[51] **Int.Cl. A61B 18/04 (2006.01) A61B 18/08 (2006.01) A61F 7/00 (2006.01)**
[25] EN
[54] **HEATING-TYPE BALLOON CATHETER DEVICE, AND ELASTIC TUBE DEVICE AND VIBRATOR DEVICE FOR THE CATHETER DEVICE**
[54] **DISPOSITIF A CATHETER ET BALLON CHAUFFANT ET DISPOSITIF A TUBE ELASTIQUE ET DISPOSITIF VIBRANT POUR LE DISPOSITIF A CATHETER**
[72] HASEBE, KAZUNARI, JP
[73] TORAY INDUSTRIES, INC., JP
[73] TORAY INDUSTRIES, INC., JP
[86] (2691656)
[87] (2691656)
[22] 2004-01-29
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[51] **Int.Cl. H01R 4/50 (2006.01)**
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[54] **CONNECTEUR A PRISE EN ANGLE**
[72] COPPER, CHARLES DUDLEY, US
[72] CORMAN, NED E., US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2010-01-27
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[13] A1
[51] **Int.Cl. B23K 9/173 (2006.01) B23K 9/29 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **NECK FOR A ROBOTIC WELDING TORCH ; WELDING TORCH COMPRISING SUCH A NECK**
[54] **COL POUR UN CHALUMEAU SOUDEUR ROBOTISE ; CHALUMEAU SOUDEUR COMPRENANT UN TEL COL**
[72] CENTNER, ROBERT J., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2010-01-13
[86] 2008-07-09 (PCT/US2008/069467)
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[25] EN
[54] **COMPOSITE WITH TACK FILM FOR ASPHALTIC PAVING, METHOD OF PAVING, AND PROCESS FOR MAKING A COMPOSITE WITH TACK FILM FOR ASPHALTIC PAVING**
[54] **COMPOSITE AVEC FILM D'ACCROCHAGE POUR PAVAGE ASPHALTIQUE, PROCEDE DE PAVAGE ET PROCEDE DE FABRICATION D'UN COMPOSITE AVEC FILM D'ACCROCHAGE POUR PAVAGE ASPHALTIQUE**
[72] LEE, SUGJOON, US
[72] HOOK, KERRY, US
[72] WOOLSTENCROFT, JON, CA
[73] SAINT-GOBAIN ADFORS AMERICA, INC., US
[85] 2010-02-02
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[54] **RELEASABLE AND INTERCHANGEABLE CONNECTIONS FOR GOLF CLUB HEADS AND SHAFTS**
[54] **RACCORDS LIBERABLES ET INTERCHANGEABLES POUR TÊTES ET TIGES DE CLUB DE GOLF**
[72] STITES, JOHN THOMAS, US
[72] TAVARES, GARY G., US
[72] THOMAS, JAMES S., US
[72] FRANKLIN, DAVID N., US
[73] NIKE INTERNATIONAL, LTD., US
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[11] **2,698,958**

[13] A1

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[54] **MICA BOARD ELECTRIC RESISTANCE WIRE HEATER AND METHOD OF USE**
[54] **CHAUFFAGE A CABLE DE RESISTANCE ELECTRIQUE DE MICANITE ET SA METHODE D'UTILISATION**
[72] LOLLAR, JAMES PATRICK, US
[73] TUTCO, INC., US
[86] (2698958)
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[22] 2010-04-01
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[11] **2,699,193**

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[54] **EXTREMITE DE CANNETTE AVEC PERLE DE RENFORT**
[72] TURNER, TIMOTHY L., US
[72] FORREST, RANDALL G., US
[73] REXAM BEVERAGE CAN COMPANY, US
[85] 2010-03-10
[86] 2008-08-08 (PCT/US2008/072593)
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[11] **2,700,242**

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[25] EN
[54] **USE OF A COMBINATION OF AN OPIOID AGONIST AND AN OPIOID ANTAGONIST FOR THE TREATMENT OF CROHN'S DISEASE AND THE SYMPTOMS ASSOCIATED WITH CROHN'S DISEASE**
[54] **UTILISATION D'UNE ASSOCIATION D'UN AGONISTE OPIOIDE ET D'UN ANTAGONISTE OPIOIDE POUR LE TRAITEMENT DE LA MALADIE DE CROHN ET DES SYMPTOMES ASSOCIES A LA MALADIE DE CROHN**
[72] BENNETT-KERR, JO, GB
[73] EURO-CELTIQUE S.A., LU
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[30] EP (08150834.3) 2008-01-30

[11] **2,701,441**

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[25] EN
[54] **CANISTER FILTER SYSTEM WITH DRAIN THAT COOPERATES WITH FILTER ELEMENT**
[54] **SYSTEME DE FILTRE A CARTOUCHE A DRAIN AGISSANT CONJOINTEMENT AVEC UN ELEMENT FILTRANT**
[72] OFORI-AMOA, DAVID, US
[72] ALLOTT, MARK T., US
[73] CATERPILLAR INC., US
[85] 2010-03-31
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[30] US (11/873,489) 2007-10-17

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[25] EN
[54] **ROLLING MILL FOR A PLATE OR A SHEET AND ITS CONTROL TECHNIQUE**
[54] **LAMINOIR POUR UNE PLAQUE OU UNE TOLE ET SA TECHNIQUE DE COMMANDE**
[72] OGAWA, SHIGERU, JP
[72] ISHII, ATSUSHI, JP
[72] NAKAMURA, YOJI, JP
[72] HIGASHIDA, YASUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[30] JP (2007-286176) 2007-11-02
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[54] **INSTRUMENT HOUSING**
[54] **ETUI D'INSTRUMENT**
[72] VOGEL, TIMOTHY A., US
[73] RUSKIN COMPANY, US
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[87] (2704513)
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[11] **2,704,584**

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[54] **FLOWER PIGMENTATION IN PELARGONIUM HORTORUM**
[54] **PIGMENTATION FLORALE CHEZ PELARGONIUM HORTORUM**
[72] HANES, MITCHELL E., US
[73] SYGENTA PARTICIPATIONS AG, CH
[85] 2010-05-03
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[51] **Int.Cl. G01S 3/808 (2006.01)**
[25] EN
[54] **DIRECTION-FINDING METHOD AND INSTALLATION FOR DETECTION AND TRACKING OF SUCCESSIVE BEARING ANGLES**
[54] **METHODE DE REPERAGE ET INSTALLATION POUR LA DETECTION ET LE SUIVI D'ANGLES DE GISEMENT SUCCESSIFS**
[72] BRINKMANN, KEVIN, DE
[72] HURKA, JOERG, DE
[72] DAUN, MARTINA, DE
[72] KOCH, WOLFGANG, DE
[72] RUTHOTTO, EICKE, DE
[73] ATLAS ELEKTRONIK GMBH, DE
[86] (2704664)
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[30] DE (10 2009 024 339.9-55) 2009-06-09

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[51] **Int.Cl. A47C 7/54 (2006.01) B60N 2/46 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT WITH ADJUSTABLE ARMREST**
[54] **SIEGE D'AERONEF AVEC ACCOUDOIR REGLABLE**
[72] FERGUSON, KEITH MICHAEL, US
[72] PINKAL, DONALD R., US
[73] AMI INDUSTRIES, INC., US
[86] (2704895)
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[25] EN
[54] **PROCESS FOR PRODUCING ISOCYANATES AND AROMATIC HYDROXY COMPOUNDS FROM AROMATIC POLYCARBONATE RESINS**
[54] **PROCEDE DE PRODUCTION D'ISOCYANATES ET DE COMPOSES AROMATIQUES HYDROXYLES A PARTIR DE RESINES DE POLYCARBONATE AROMATIQUES**
[72] SHINOHATA, MASAOKI, JP
[72] MIYAKE, NOBUHISA, JP
[73] ASAHI KASEI CHEMICALS CORPORATION, JP
[85] 2010-05-14
[86] 2008-11-14 (PCT/JP2008/070765)
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[30] JP (2007-299703) 2007-11-19
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[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01) E21C 35/24 (2006.01) G05B 19/048 (2006.01) G07C 3/00 (2006.01) H04L 12/28 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND MEDIA FOR WIRELESS PROCESS CONTROL OF MOBILE EQUIPMENT**
[54] **PROCEDE, SYSTEME ET MEDIAS POUR COMMANDE DE PROCEDE SANS FIL D'UN EQUIPEMENT MOBILE**
[72] HAGGETT, JAMIE, CA
[72] TROTTIER, DERRICK, CA
[73] SUNCOR ENERGY INC., CA
[85] 2010-05-25
[86] 2008-01-24 (PCT/CA2008/000159)
[87] (WO2009/092149)

[11] **2,707,921**
[13] A1
[51] **Int.Cl. F03D 7/00 (2006.01) F03D 7/04 (2006.01) F03D 11/00 (2006.01) H02K 7/18 (2006.01) H02P 9/00 (2006.01)**
[25] EN
[54] **WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME**
[54] **GENERATEUR EOLIEN ET METHODE DE COMMANDE CONNEXE**
[72] YASUGI, AKIRA, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2010-06-22
[86] 2009-05-20 (PCT/JP2009/059261)
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[11] **2,708,405**
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[54] **DEFORMED SHANK FASTENER**
[54] **FIXATION A TIGE DEFORMEE**
[72] VERSINO, ANTHONY M., US
[72] LEVEY, KENNETH R., US
[72] TRZASKUS, JEFFREY L., US
[72] SHELTON, LAWRENCE S., US
[72] BERGSTROM, DONALD E., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2010-06-08
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[30] US (11/956,773) 2007-12-14

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[13] A1
[51] **Int.Cl. A61K 38/18 (2006.01) A61K 9/00 (2006.01) A61L 15/38 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **TOPICAL APPLICATION AND FORMULATION OF ERYTHROPOIETIN FOR SKIN WOUND HEALING**
[54] **APPLICATION TOPIQUE ET FORMULATION D'ERYTHROPOIETINE POUR LA CICATRISATION DE LA PEAU**
[72] BADER, AUGUSTINUS, DE
[73] BADER, AUGUSTINUS, DE
[85] 2010-06-15
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[25] EN

[54] **PAN INVERTING AND/OR CLEANING SYSTEM**

[54] **SYSTEME DE RETOURNEMENT ET/OU DE NETTOYAGE D'UN MOULE**

[72] DEPOT, NICOL, CA

[72] GENDRON, LUC, CA

[73] REXFAB INC., CA

[85] 2010-06-17

[86] 2008-06-20 (PCT/CA2008/001202)

[87] (WO2008/154751)

[30] US (60/945,476) 2007-06-21

[30] CA (2,592,711) 2007-06-21

[11] **2,710,676**

[13] A1

[51] **Int.Cl. A01D 34/66 (2006.01) A01D 41/10 (2006.01) A01D 47/00 (2006.01) A01D 69/06 (2006.01)**

[25] EN

[54] **DRIVE ARRANGEMENT FOR A MOWER WITH ROTARY CUTTER DISKS**

[54] **DISPOSITIF D'ENTRAINEMENT POUR TONDEUSE EQUIPEE DE DISQUES DE COUPE ROTATIFS**

[72] BARNETT, NEIL G., CA

[73] MACDON INDUSTRIES LTD., CA

[86] (2710676)

[87] (2710676)

[22] 2010-08-03

[11] **2,711,149**

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[51] **Int.Cl. B64C 27/28 (2006.01) B64C 27/00 (2006.01) B64C 29/00 (2006.01)**

[25] EN

[54] **CONSTANT-VELOCITY JOINT WITH TORQUE-COMBINING DIFFERENTIAL**

[54] **JOINT HOMOCINETIQUE AVEC DIFFERENTIEL DE COMBINAISON DE COUPLE**

[72] STAMPS, FRANK B., US

[72] TISDALE, PATRICK R., US

[73] BELL HELICOPTER TEXTRON INC., US

[85] 2010-06-29

[86] 2008-01-04 (PCT/US2008/050213)

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[25] EN

[54] **ADVANCED NUT AND BOLT**

[54] **ECROU ET BOULON DE TECHNIQUE AVANCEE**

[72] CORBETT, ROBERT J., US

[72] WOLLARD, JAMES L., US

[73] ALCOA INC., US

[85] 2010-07-02

[86] 2009-12-24 (PCT/US2009/069523)

[87] (WO2010/080666)

[30] US (61/185,373) 2009-06-09

[30] US (61/142,828) 2009-01-06

[11] **2,712,420**

[13] A1

[51] **Int.Cl. H04L 12/66 (2006.01) H04L 29/06 (2006.01) H04M 11/04 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR EMERGENCY SERVICES NUMBER ALERTING IN AN INTERNET PROTOCOL NETWORK**

[54] **PROCEDE ET APPAREIL D'AVERTISSEMENT DE NUMERO DE SERVICES D'URGENCE DANS UN RESEAU IP**

[72] HICKS, LAWRENCE MAXWELL, CA

[72] OLDHAM, EAMONN JOHN, CA

[73] HICKS, LAWRENCE MAXWELL, CA

[73] OLDHAM, EAMONN JOHN, CA

[85] 2010-07-15

[86] 2009-02-19 (PCT/CA2009/000189)

[87] (WO2009/103151)

[30] US (12/034,587) 2008-02-20

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[54] **COMPACT PERISTALTIC MEDICAL PUMP**

[54] **POMPE MEDICALE PERISTALTIQUE COMPACTE**

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[73] TYCO HEALTHCARE GROUP LP, US

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[54] **FLUID FLOW CONTROL VALVE**

[54] **VANNE DE REGULATION DE FLUIDE**

[72] HUSVEG, TRYGVE, NO

[73] TYPHONIX AS, NO

[85] 2010-07-22

[86] 2009-01-23 (PCT/GB2009/000188)

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[54] **HORIZONTAL PIT MOUNT INTERFACE DEVICE**

[54] **DISPOSITIF D'INTERFACE A INSTALLATION EN FOSSE HORIZONTALE**

[72] BARTRAM, STEPHEN J., US

[72] ORTIZ, JORGE I., US

[73] ELSTER AMCO WATER, INC., US

[86] (2712902)

[87] (2712902)

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[54] **PEDESTAL GROUND CONNECTOR**

[54] **CONNECTEUR DE MISE A LA TERRE DE SOCLE**

[72] RULAND, RODD R., US

[73] HUBBELL INCORPORATED, US

[86] (2714528)

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[25] EN
[54] **SUPERCHARGED ENGINE WITH POST-INJECTION CONTROL**
[54] **MOTEUR SURALIMENTE AVEC COMMANDE POST-INJECTION**
[72] KAWABE, TAKAO, JP
[72] MIYAMOTO, TAKASHI, JP
[72] UKAI, SATOMI, JP
[72] NAKAGAWA, REIKO, JP
[72] SAKAKI, TETSUO, JP
[72] KAWASHIMA, ISAMU, JP
[73] YANMAR CO., LTD., JP
[73] KAWABE, TAKAO, ZZ
[73] MIYAMOTO, TAKASHI, ZZ
[73] UKAI, SATOMI, ZZ
[73] NAKAGAWA, REIKO, ZZ
[73] SAKAKI, TETSUO, ZZ
[73] KAWASHIMA, ISAMU, ZZ
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[54] **PROCESS FOR MAKING A WATER-SOLUBLE POUCH**
[54] **PROCEDE DE FABRICATION D'UNE POCHE SOLUBLE DANS L'EAU**
[72] KOCH, PIOTR, BE
[72] BOYSEN, DIRK, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] KOCH, PIOTR, ZZ
[73] BOYSEN, DIRK, ZZ
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[54] **COOLING SYSTEM AND COOLING METHOD OF ROLLING STEEL**
[54] **SYSTEME DE REFROIDISSEMENT ET PROCEDE DE REFROIDISSEMENT D'ACIER DE LAMINAGE**
[72] SUGIYAMA, SEIJI, JP
[72] YAMANOKUCHI, TATSUYA, JP
[72] KIMURA, TAKESHI, JP
[72] KAJIWARA, MITSUGU, JP
[72] FUJIWARA, KAZUHISA, JP
[72] SATO, TAKUYA, JP
[73] SUGIYAMA, SEIJI, ZZ
[73] YAMANOKUCHI, TATSUYA, ZZ
[73] KIMURA, TAKESHI, ZZ
[73] KAJIWARA, MITSUGU, ZZ
[73] FUJIWARA, KAZUHISA, ZZ
[73] SATO, TAKUYA, ZZ
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **A METHOD AND SYSTEM FOR INSTALLING GEOTHERMAL HEAT EXCHANGERS, ENERGY PILES, CONCRETE PILES, MICROPILES, AND ANCHORS USING A SONIC DRILL AND A REMOVABLE OR RETRIEVABLE DRILL BIT**
[54] **PROCEDE ET SYSTEME POUR INSTALLER DES ECHANGEURS DE CHALEUR GEOTHERMIQUES, DES PIEUX ENERGETIQUES, DES PIEUX DE BETON, DES MICROPIEUX, ET DES ANCRAGES AU MOYEN D'UN APPAREIL DE FORAGE PAR VIBRATIONS ET D'UN TREPAN RECUPERABLE OU AMOVIBLE**
[72] ROUSSY, RAYMOND J., CA
[73] ROUSSY, RAYMOND J., CA
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[87] (WO2009/103149)
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[54] **FIRE DETECTION FAULT ENHANCEMENT**
[54] **MISE EN EVIDENCE DE DEFAILLANCE DE DETECTION D'INCENDIE**
[72] LANCE, PETER, CA
[72] FERCH, GORDON, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[73] LANCE, PETER, CA
[73] FERCH, GORDON, CA
[86] (2716292)
[87] (2716292)
[22] 2010-10-04
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[54] **APPAREIL DE REGLAGE DE PONT D'AGITATEUR**
[72] ROSE, ANTHONY, US
[73] M-I L.L.C., US
[73] ROSE, ANTHONY, ZZ
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[54] **THIN IOL**
[54] **IMPLANT INTRAOCULAIRE MINCE**
[72] PYNSON, JOEL, FR
[73] BAUSCH & LOMB INCORPORATED, US
[73] PYNSON, JOEL, ZZ
[86] (2718020)
[87] (2718020)
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[25] EN
[54] **CLOSURE FOR A PACKAGE**
[54] **FERMETURE POUR UN EMBALLAGE**
[72] BRATSCH, CHRISTIAN, AT
[73] BRATSCH, CHRISTIAN, ZZ
[73] XOLUTION GMBH, DE
[85] 2010-09-22
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[25] EN
[54] **DUAL DIFFERENTIAL SEMI-ACTIVE ACTUATOR FIT FOR INTERACTION TASKS AND FAST MOTION**
[54] **ACTIONNEUR SEMI-ACTIF A DOUBLE DIFFERENTIEL ADAPTE POUR DES TACHES D'INTERACTION ET UN MOUVEMENT RAPIDE**
[72] FAUTEUX, PHILIPPE, CA
[72] LEGAULT, MARC-ANTOINE, CA
[72] MICHAUD, FRANCOIS, CA
[72] LAVOIE, MARC-ANDRE, CA
[72] LAURIA, MICHEL, CA
[73] FAUTEUX, PHILIPPE, CA
[73] LEGAULT, MARC-ANTOINE, CA
[73] MICHAUD, FRANCOIS, CA
[73] LAVOIE, MARC-ANDRE, CA
[73] LAURIA, MICHEL, CA
[73] MAXON MOTOR AG, CH
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[25] EN
[54] **LAUNDRY MACHINE WITH ENHANCED LAUNDERING EFFICIENCY**
[54] **MACHINE A LAVER AYANT UNE EFFICACITE DE LAVAGE AMELIOREE**
[72] HAN, DONG JOO, KR
[72] LIM, JAE YOEN, KR
[72] SON, YOUNG BOK, KR
[72] CHO, KI CHUL, KR
[72] BANG, JONG CHUL, KR
[72] CHO, IN HO, KR
[73] LG ELECTRONICS INC., KR
[73] HAN, DONG JOO, ZZ
[73] LIM, JAE YOEN, ZZ
[73] SON, YOUNG BOK, ZZ
[73] CHO, KI CHUL, ZZ
[73] BANG, JONG CHUL, ZZ
[73] CHO, IN HO, ZZ
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[30] KR (10-2008-0040613) 2008-04-30
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[25] EN
[54] **WASHING METHOD FOR WASHING MACHINE**
[54] **METHODE DE LAVAGE POUR MACHINE A LAVER**
[72] KIM, YOUNGJONG, KR
[72] LEE, SANGJUN, KR
[73] LG ELECTRONICS INC., KR
[73] KIM, YOUNGJONG, ZZ
[73] LEE, SANGJUN, ZZ
[86] (2723094)
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[22] 2010-11-30
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[54] **TWIN LAYER PACKAGING MACHINE**

[54] **MACHINE POUR CONDITIONNEMENT DOUBLE COUCHE**

[72] DISRUD, JEFF A., US

[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[73] DISRUD, JEFF A., ZZ

[85] 2010-11-01

[86] 2009-06-18 (PCT/US2009/047783)

[87] (WO2009/155410)

[30] US (61/073,854) 2008-06-19

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[54] **MOP PRESS**

[54] **PRESSE D'ESSORAGE**

[72] EISENHUT, ANDREAS, DE

[72] RUECKHEIM, MARKUS, DE

[72] HUCKELE, JUERGEN, DE

[72] DEERBERG, JENS, DE

[73] CARL FREUDENBERG KG, DE

[73] EISENHUT, ANDREAS, ZZ

[73] RUECKHEIM, MARKUS, ZZ

[73] HUCKELE, JUERGEN, ZZ

[73] DEERBERG, JENS, ZZ

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[51] **Int.Cl. G11B 27/034 (2006.01) G11B 27/10 (2006.01) G11B 27/34 (2006.01)**

[25] EN

[54] **USER INTERFACES FOR EDITING VIDEO CLIPS**

[54] **INTERFACES UTILISATEUR POUR L'EDITION DE CLIPS VIDEO**

[72] UBILLOS, RANDY, US

[73] UBILLOS, RANDY, ZZ

[73] APPLE INC., US

[85] 2010-11-10

[86] 2009-04-14 (PCT/US2009/040524)

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[54] **WIND TURBINE GENERATOR AND OUTPUT POWER CONTROL METHOD**

[54] **GENERATRICE EOLIENNE ET METHODE DE REGULATION DE LA PUISSANCE PRODUITE**

[72] YASUGI, AKIRA, JP

[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[73] YASUGI, AKIRA, ZZ

[85] 2010-12-10

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[51] **Int.Cl. H04Q 3/495 (2006.01) H04Q 3/42 (2006.01)**

[25] EN

[54] **CALL ROUTING IN TELEPHONE SWITCH BASED ON DUPLICATE LEG DETECTION**

[54] **SYSTEME D'ACHEMINEMENT DES APPELS DANS UN RESEAU TELEPHONIQUE DE TYPE COMMUTE REPOSANT SUR LA DETECTION DE REDONDANCES**

[72] COHEN, MEIR S., US

[72] FINKELMAN, ELI, US

[73] COHEN, MEIR S., US

[73] FINKELMAN, ELI, US

[86] (2726053)

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[51] **Int.Cl. E21B 47/18 (2012.01) E21B 3/02 (2006.01) E21B 7/04 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS USING A CONTINUOUSLY VARIABLE TRANSMISSION TO CONTROL ONE OR MORE SYSTEM COMPONENTS**

[54] **SYSTEMES ET PROCEDES UTILISANT UNE TRANSMISSION VARIABLE DE FACON CONTINUE AFIN DE COMMANDER UN OU PLUSIEURS COMPOSANTS DE SYSTEME**

[72] SCHAAF, STUART, US

[73] INTERSYN IP HOLDINGS, LLC, US

[73] SCHAAF, STUART, ZZ

[86] (2727134)

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[22] 2004-04-26

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[30] US (10/831,976) 2004-04-26

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[51] **Int.Cl. H04L 12/24 (2006.01)**

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[54] **METHOD OF INFORMING A NETWORK OF CHANGE OF USER EQUIPMENT CAPABILITY**

[54] **METHODE PERMETTANT D'INFORMER LE RESEAU D'UN CHANGEMENT DE FONCTION DU TERMINAL**

[72] WU, YAJUAN, CN

[73] HUAWEI TECHNOLOGIES CO., LTD., CN

[73] WU, YAJUAN, ZZ

[86] (2727755)

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[25] EN
[54] **METHOD FOR PROCESSING BAST-FIBRE MATERIALS**
[54] **PROCEDE DE TRAITEMENT DE MATIERES EN FIBRES LIBERIENNES**
[72] BUBNOV, GRIGORIY GEORGIEVICH, RU
[72] ZAKHAROV, VICTOR NIKOLAEVICH, RU
[72] ZUBOV, FEDOR VLADIMIROVICH, RU
[72] SEMENOV, ALEXANDRE VIACHESLAVOVICH, RU
[73] GOOD WAVE TECHNOLOGIES LTD., CY
[73] BUBNOV, GRIGORIY GEORGIEVICH, ZZ
[73] ZAKHAROV, VICTOR NIKOLAEVICH, ZZ
[73] ZUBOV, FEDOR VLADIMIROVICH, ZZ
[73] SEMENOV, ALEXANDRE VIACHESLAVOVICH, ZZ
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[86] 2009-08-14 (PCT/RU2009/000407)
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[25] EN
[54] **PRODUCING GASEOUS HYDROCARBONS FROM HYDRATE CAPPED RESERVOIRS**
[54] **PRODUCTION D'HYDROCARBURES GAZEUX ISSUS DE RESERVOIRS SURMONTES D'HYDRATE**
[72] HORTON, ROBERT L., US
[72] GROWCOCK, FREDERICK B., US
[73] M-I L.L.C., US
[73] HORTON, ROBERT L., ZZ
[73] GROWCOCK, FREDERICK B., ZZ
[85] 2010-12-17
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[25] EN
[54] **TIDAL POWER GENERATING MODULE AND TIDAL POWER GENERATING METHOD USING THE SAME**
[54] **MODULE GENERATEUR D'ENERGIE MAREMOTRICE ET PROCEDE DE GENARATION D'ENERGIE MAREMOTRICE UTILISANT CELUI-CI**
[72] JUNG, KIM SUK, KR
[72] YOUNG, JEON HO, KR
[72] YOUNG, JEON GYUN, KR
[73] JUNG, KIM SUK, KR
[73] SAM KWANG SPECIAL MACHINERY CO., LTD., KR
[73] YOUNG, JEON HO, ZZ
[73] YOUNG, JEON GYUN, ZZ
[86] (2729084)
[87] (2729084)
[22] 2011-01-27

[11] **2,729,153**
[13] A1

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[25] EN
[54] **METHOD FOR HYDROFORMING AND A HYDROFORMED PRODUCT**
[54] **PROCEDE D'HYDROFORMAGE ET COMPOSANT HYDROFORME**
[72] MIZUMURA, MASAOKI, JP
[72] SATO, KOICHI, JP
[72] WADA, MANABU, JP
[72] KURIYAMA, YUKIHISA, JP
[73] MIZUMURA, MASAOKI, ZZ
[73] SATO, KOICHI, ZZ
[73] WADA, MANABU, ZZ
[73] KURIYAMA, YUKIHISA, ZZ
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[30] JP (2008-175764) 2008-07-04
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[25] EN
[54] **PARAMETRIC CHASSIS SYSTEM COMPRISING LATERAL SUSPENSION UNITS AND A CENTRAL BOX-MODULE**
[54] **SYSTEME DE CHASSIS PARAMETRIQUE POUR VEHICULES, COMPRENANT QUATRE ELEMENTS DE SUSPENSION, COMPORTANT UNE BARRE DE TORSION LATERALE ET UNE UNITE D'AMORTISSEMENT COAXIALE, DANS UN MODULE-BOITIER, QUI PERMET L'INSTALLATION CENTRALE D'OBJETS LOURDS, TELS QUE DES BATTERIES**
[72] HATZIKAKIDIS, DIMITRIOS A., GR
[73] HATZIKAKIDIS, DIMITRIOS A., GR
[85] 2010-12-23
[86] 2009-06-11 (PCT/GR2009/000038)
[87] (WO2009/156769)
[30] GR (20080100424) 2008-06-25

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[13] A1

[51] **Int.Cl. B23K 20/12 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **HIGH-SPEED FRICTION STIR WELDING**
[54] **SOUDAGE PAR FRICTION-MALAXAGE HAUTE VITESSE**
[72] MAKI, DENNIS, CA
[72] MESSER, BARRY, CA
[73] FLUOR TECHNOLOGIES CORPORATION, US
[73] MAKI, DENNIS, CA
[73] MESSER, BARRY, CA
[85] 2011-01-07
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[87] (WO2010/006106)
[30] US (61/079,388) 2008-07-09

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[51] **Int.Cl. C07D 313/12 (2006.01)**
[25] EN
[54] **PROCESS FOR OBTAINING OLOPATADINE AND INTERMEDIATES**
[54] **PROCEDE D'OBTENTION D'OLOPATADINE ET DE SES INTERMEDIAIRES**
[72] SILVA GUIASOLA, LUIS OCTAVIO, ES
[72] MATEOS BURON, LYDIA, ES
[72] LORENTE BONDE-LARSEN, ANTONIO, ES
[72] GUTIERREZ FUENTES, LUIS GERARDO, ES
[73] SILVA GUIASOLA, LUIS OCTAVIO, ZZ
[73] MATEOS BURON, LYDIA, ZZ
[73] LORENTE BONDE-LARSEN, ANTONIO, ZZ
[73] GUTIERREZ FUENTES, LUIS GERARDO, ZZ
[73] CRYSTAL PHARMA, S.A.U., ES
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[25] EN
[54] **MACROCYCLIC QUINOXALINE COMPOUNDS AS HCV NS3 PROTEASE INHIBITORS**
[54] **COMPOSES DE QUINOXALINE MACROCYCLIQUES EN TANT QU'INHIBITEURS DE PROTEASE NS3 DU VIRUS DE L'HEPATITE C (HCV)**
[72] HARPER, STEVEN, IT
[72] SUMMA, VINCENZO, IT
[72] LIVERTON, NIGEL J., US
[72] MCCAULEY, JOHN A., US
[73] ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A., IT
[73] HARPER, STEVEN, ZZ
[73] SUMMA, VINCENZO, ZZ
[73] LIVERTON, NIGEL J., ZZ
[73] MCCAULEY, JOHN A., ZZ
[73] MERCK SHARP & DOHME CORP., US
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[25] EN
[54] **ACTIVE COOLANT FLOW CONTROL FOR MACHINING PROCESSES**
[54] **REGULATEUR DE DEBIT DE FLUIDE REFROIDISEUR ACTIF POUR PROCESSUS D'USINAGE**
[72] LEISHMAN, JAMES, CA
[72] ELFIZY, AMR, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[73] LEISHMAN, JAMES, CA
[73] ELFIZY, AMR, CA
[86] (2733067)
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[25] EN
[54] **IMPROVED OLEFINIC COPOLYMER COMPOSITIONS FOR VISCOSITY MODIFICATION OF MOTOR OIL**
[54] **COMPOSITIONS DE COPOLYMERES OLEFINIQUES AMELIOREES POUR UNE MODIFICATION DE LA VISCOSITE DE L'HUILE MOTEUR**
[72] RAVISHANKAR, PERIAGARAM S., US
[72] NASS, KIRK A., US
[73] RAVISHANKAR, PERIAGARAM S., ZZ
[73] NASS, KIRK A., ZZ
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[25] EN
[54] **FORMALDEHYDE-FREE WOVEN AND NON-WOVEN FABRICS HAVING IMPROVED HOT WET TENSILE STRENGTH AND BINDER FORMULATIONS FOR SAME**
[54] **TISSUS TISSES ET NON TISSES SANS FORMALDEHYDE PRESENTANT UNE RESISTANCE A LA DECHIRURE A L'ETAT HUMIDE ET CHAUD AMELIOREE, ET FORMULATIONS DE LIANTS POUR CEUX-CI**
[72] HERBERT, CHARLES G., US
[73] HERBERT, CHARLES G., ZZ
[73] SAINT-GOBAIN ADFORS CANADA, LTD, US
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[54] **DRILLING OUT CASING BITS WITH OTHER CASING BITS**

[54] **TREPAN DE TUBAGE DE FORAGE ASSOCIE A D'AUTRES TREPANS DE TUBAGE**

[72] MCCLAIN, ERIC E., US

[72] THOMAS, JOHN CLAYTON, US

[73] BAKER HUGHES INCORPORATED, US

[73] MCCLAIN, ERIC E., ZZ

[73] THOMAS, JOHN CLAYTON, ZZ

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[54] **IDENTIFICATION WRISTBAND**

[54] **BRACELET D'IDENTIFICATION**

[72] KERLIN, JEFFREY, US

[73] PRECISION DYNAMICS CORPORATION, US

[73] KERLIN, JEFFREY, ZZ

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[54] **ANIMAL FEED KIBBLE WITH PROTEIN-BASED CORE AND RELATED METHODS**

[54] **GRANULES D'ALIMENT POUR ANIMAUX AVEC UN NOYAU A BASE DE PROTEINES ET PROCEDES ASSOCIES**

[72] SUNVOLD, GREGORY DEAN, US

[72] BRENT, JOHN LESLIE, JR., US

[72] CORRIGAN, PATRICK JOSEPH, US

[72] HAYEK, MICHAEL GRIFFIN, US

[73] THE IAMS COMPANY, US

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[73] BRENT, JOHN LESLIE, JR., ZZ

[73] CORRIGAN, PATRICK JOSEPH, ZZ

[73] HAYEK, MICHAEL GRIFFIN, ZZ

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[25] EN

[54] **DOPED TITANIUM DIOXIDE COATINGS AND METHODS OF FORMING DOPED TITANIUM DIOXIDE COATINGS**

[54] **REVETEMENTS A BASE DE DIOXYDE DE TITANE DOPE ET PROCEDES DE FORMATION DE REVETEMENTS A BASE DE DIOXYDE DE TITANE DOPE**

[72] SHARMA, PRAMOD K., US

[73] GUARDIAN INDUSTRIES CORP., US

[73] SHARMA, PRAMOD K., ZZ

[85] 2011-03-01

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[25] EN

[54] **A METHOD OF CONSTRUCTING A THIN FILM MIRROR**

[54] **PROCEDE DE FABRICATION D'UN MIROIR A PARTIR D'UN FILM MINCE**

[72] VOEYKOV, VLADIMIR VASILYEVICH, RU

[73] ZAKRYTOYE AKTSIONERNOYE OBSHCHESTVO CENTER NAUCHNO-TEKHNICHESKIKH USLUG "DINAMIKA", RU

[73] VOEYKOV, VLADIMIR VASILYEVICH, RU

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[13] A1

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[54] **MODULAR SECONDARY CONTAINMENT SYSTEM**

[54] **SYSTEME DE CONFINEMENT SECONDAIRE MODULAIRE**

[72] KSENYCH, NICK, US

[72] KSENYCH, TODD N., US

[73] INNOVATIVE FABRICATORS INC., US

[73] KSENYCH, NICK, ZZ

[73] KSENYCH, TODD N., ZZ

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[54] **PROCEDE ET DISPOSITIF POUR LA REGULATION DE LA PUISSANCE FOURNIE A UN DEPOUSSIEREUR ELECTROSTATIQUE**
[72] KARLSSON, ANDERS NILS GUSTAV, SE
[73] ALSTOM TECHNOLOGY LTD, CH
[73] KARLSSON, ANDERS NILS GUSTAV, ZZ
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[13] A1

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[25] EN
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[54] **INJECTEUR DE BILLES DE FRACTURATION HORIZONTAL**
[72] MCGUIRE, BOB, US
[72] ARTHURHOLT, DANNY L., US
[73] MCGUIRE, BOB, ZZ
[73] ARTHURHOLT, DANNY L., ZZ
[73] OIL STATES ENERGY SERVICES, L.L.C., US
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[25] EN
[54] **METHODS AND APPARATUS FOR PUMPING AND DISPENSING**
[54] **PROCEDES ET DISPOSITIFS DE POMPAGE ET DE DISTRIBUTION**
[72] ROMANYSZIN, MICHAEL T., US
[72] GIRJIS, BASIL F., US
[72] SCHROEDER, ALFRED A., US
[73] LANCER PARTNERSHIP, LTD., US
[73] ROMANYSZIN, MICHAEL T., ZZ
[73] GIRJIS, BASIL F., ZZ
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[25] EN
[54] **MULTILAYER SHRINK FILMS, LABELS MADE THEREFROM AND USE THEREOF**
[54] **FILMS THERMORETRACTABLES MULTICOUCHES, ETIQUETTES FABRIQUEES A PARTIR DE CEUX-CI ET LEUR UTILISATION**
[72] AMBROISE, BENOIT, BE
[73] EXXONMOBIL OIL CORPORATION, US
[73] AMBROISE, BENOIT, ZZ
[85] 2011-04-21
[86] 2009-09-22 (PCT/US2009/057760)
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[30] US (61/108,379) 2008-10-24

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[25] EN
[54] **DEVICE FOR CONTROLLING FLOW RATE OF ASPIRATED FLUIDS**
[54] **DISPOSITIF DE COMMANDE DE DEBIT DE FLUIDES ASPIRES**
[72] MUSIC, DOUGLAS E., US
[73] BAUSCH & LOMB, INCORPORATED, US
[73] MUSIC, DOUGLAS E., ZZ
[85] 2011-05-30
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[54] **CONTINUOUS PROCESS FOR PRODUCING TONER USING AN OSCILLATORY FLOW CONTINUOUS REACTOR**
[54] **METHODES DE PRODUCTION DE TONER EN CONTINU A L'AIDE D'UN REACTEUR CONTINU A FLUX OSCILLANT**
[72] MANG, MARK E., US
[72] KMIĘCIK-LAWRYNOWICZ, GRAZYNA E., US
[72] YOUNG, EUGENE F., US
[72] SWEENEY, MAURA A., US
[73] XEROX CORPORATION, US
[73] MANG, MARK E., ZZ
[73] KMIĘCIK-LAWRYNOWICZ, GRAZYNA E., ZZ
[73] YOUNG, EUGENE F., ZZ
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[54] **METHODS AND SYSTEMS FOR TREATING A GASIFICATION SLAG PRODUCT**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE TRAITER DES SCORIES DE GAZEIFICATION**
[72] TSANG, ALBERT C., US
[72] THOMPSON, MAX W., US
[72] HONAKER, RICK Q., US
[73] TSANG, ALBERT C., ZZ
[73] THOMPSON, MAX W., ZZ
[73] HONAKER, RICK Q., ZZ
[73] LUMMUS TECHNOLOGY, INC., US
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[25] EN
[54] **POROUS, DISSOLVABLE SOLID SUBSTRATES AND SURFACE RESIDENT CYCLODEXTRIN PERFUME COMPLEXES**
[54] **SUBSTRATS SOLIDES, SOLUBLES ET POREUX ET COMPLEXE PARFUM CYCLODEXTRINE SITUE EN SURFACE**
[72] GLENN, ROBERT WAYNE, JR., US
[72] HEINRICH, JAMES MERLE, US
[72] KAUFMAN, KATHLEEN MARY, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] DUBOIS, ZERLINA GUZDAR, US
[72] LI, JIANJUN JUSTIN, US
[72] LABITZKE, KEVIN M., US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] GLENN, ROBERT WAYNE, JR., ZZ
[73] HEINRICH, JAMES MERLE, ZZ
[73] KAUFMAN, KATHLEEN MARY, ZZ
[73] HUTCHINS, VIRGINIA TZUNG-HWEI, ZZ
[73] DUBOIS, ZERLINA GUZDAR, ZZ
[73] LI, JIANJUN JUSTIN, ZZ
[73] LABITZKE, KEVIN M., ZZ
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[25] EN
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[54] **ENSEMBLE DE VENTILATEUR**
[72] GAMMACK, PETER DAVID, GB
[72] DYSON, JAMES, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[73] GAMMACK, PETER DAVID, ZZ
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[54] **IMAGING DEVICES COMPRISING STRUCTURED ORGANIC FILMS**
[54] **DISPOSITIFS D'IMAGERIE INCLUANT DES FILMS ORGANIQUES STRUCTURES**
[72] HEUFT, MATTHEW A., CA
[72] COTE, ADRIEN P., CA
[72] HU, NAN-XING, CA
[72] MAHABADI, HADI K., CA
[73] XEROX CORPORATION, US
[73] HEUFT, MATTHEW A., CA
[73] COTE, ADRIEN P., CA
[73] HU, NAN-XING, CA
[73] MAHABADI, HADI K., CA
[86] (2748086)
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[22] 2011-08-05
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[11] **2,752,261**
[13] A1

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[25] EN
[54] **COMPLEMENTARY SURFACTANT COMPOSITIONS AND METHODS FOR MAKING AND USING SAME**
[54] **COMPOSITIONS AUXILIAIRES D'AGENTS TENSIO-ACTIFS ET METHODES POUR LES PRODUIRE ET LES UTILISER**
[72] FALANA, OLUSEGUN MATTHEW, US
[72] MARSHALL, EDWARD, US
[72] ZAMORA, FRANK, US
[73] CLEARWATER INTERNATIONAL, LLC, US
[73] FALANA, OLUSEGUN MATTHEW, ZZ
[73] MARSHALL, EDWARD, ZZ
[73] ZAMORA, FRANK, ZZ
[86] (2752261)
[87] (2752261)
[22] 2011-09-14
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[25] EN
[54] **METHOD OF PROCESSING TAILINGS FROM SOLVENT-BASED HYDROCARBON EXTRACTION**
[54] **METHODE DE TRAITEMENT DE RESIDUS DE L'EXTRACTION D'HYDROCARBURES A BASE DE SOLVANT**
[72] ALVAREZ, EMILIO, US
[72] RENNARD, DAVID C., US
[72] PALMER, THOMAS R., US
[72] PACE, JUSTIN D., US
[72] KOVVALI, ANJANEYA S., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] ALVAREZ, EMILIO, ZZ
[73] RENNARD, DAVID C., ZZ
[73] PALMER, THOMAS R., ZZ
[73] PACE, JUSTIN D., ZZ
[73] KOVVALI, ANJANEYA S., ZZ
[86] (2753811)
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[25] FR
[54] **METHOD FOR RECOVERING RARE EARTH ELEMENTS FROM A SOLID MIXTURE CONTAINING A HALOPHOSPHATE AND A COMPOUND OF ONE OR MORE RARE EARTH ELEMENTS**
[54] **PROCEDE DE RECUPERATION DES TERRES RARES A PARTIR D'UN MELANGE SOLIDE CONTENANT UN HALOPHOSPHATE ET UN COMPOSE D'UNE OU PLUSIEURS TERRES RARES**
[72] BRACONNIER, JEAN-JACQUES, FR
[72] ROLLAT, ALAIN, FR
[73] RHODIA OPERATIONS, FR
[73] BRACONNIER, JEAN-JACQUES, ZZ
[73] ROLLAT, ALAIN, ZZ
[85] 2011-08-26
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[25] EN
[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET AND METHOD FOR PRODUCING SAME**
[54] **PLAQUE D'ACIER GALVANISEE PAR IMMERSION A CHAUD, DE RESISTANCE ELEVEE, ET SON PROCEDE DE FABRICATION**
[72] FUSHIWAKI, YUSUKE, JP
[72] SUGIMOTO, YOSHIHARU, JP
[72] YOSHIDA, MASAHIRO, JP
[72] SUZUKI, YOSHITSUGU, JP
[73] JFE STEEL CORPORATION, JP
[73] FUSHIWAKI, YUSUKE, ZZ
[73] SUGIMOTO, YOSHIHARU, ZZ
[73] YOSHIDA, MASAHIRO, ZZ
[73] SUZUKI, YOSHITSUGU, ZZ
[85] 2011-09-13
[86] 2010-03-31 (PCT/JP2010/056287)
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[30] JP (2009-085199) 2009-03-31
[30] JP (2010-026066) 2010-02-09

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[25] EN
[54] **MULTI-SEASONAL CAMOUFLAGE PATTERN FABRICS AND COATINGS FOR HUNTING**
[54] **TISSUS ET REVETEMENTS A MOTIF CAMOUFLAGE MULTISAISON POUR LA CHASSE**
[72] HARVEY, BENJAMIN R., CA
[72] CHESHER, WILLIAM A., CA
[73] HARVEY, BENJAMIN R., CA
[73] CHESHER, WILLIAM A., CA
[86] (2756009)
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[51] **Int.Cl. C25C 7/02 (2006.01)**
[25] EN
[54] **ANODE STRUCTURE FOR COPPER ELECTROWINNING**
[54] **STRUCTURE D'ANODE POUR L'EXTRACTION ELECTROLYTIQUE DE CUIVRE**
[72] SANDOVAL, SCOT P., US
[72] CLAYTON, CASEY J., US
[72] ROBINSON, TIMOTHY G., US
[72] ZANOTTI, CHRISTOPHER JOHN, US
[72] ZANOTTI, MARTIN KIM, US
[73] SANDOVAL, SCOT P., ZZ
[73] CLAYTON, CASEY J., ZZ
[73] ROBINSON, TIMOTHY G., ZZ
[73] ZANOTTI, CHRISTOPHER JOHN, ZZ
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[86] 2009-05-18 (PCT/US2009/044344)
[87] (WO2010/126532)
[30] US (12/432,473) 2009-04-29

[11] 2,760,849
[13] A1
[51] **Int.Cl. A45D 34/04 (2006.01) A45D 40/26 (2006.01)**
[25] EN
[54] **COMPRESSIBLE COSMETIC APPLICATOR**
[54] **APPLICATEUR DE COSMETIQUE COMPRESSIBLE**
[72] BICKFORD, WILLIAM R., US
[73] ELC MANAGEMENT LLC, US
[73] BICKFORD, WILLIAM R., ZZ
[85] 2011-11-02
[86] 2010-04-22 (PCT/US2010/031966)
[87] (WO2010/135052)
[30] US (61/179,277) 2009-05-18

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[11] **2,761,286**
[13] A1

[51] **Int.Cl. H01M 10/04 (2006.01) H01M 10/0585 (2010.01)**

[25] EN

[54] **STACKING APPARATUS AND METHOD FOR ASSEMBLY OF POLYMER BATTERIES**

[54] **APPAREIL D'EMPILEMENT ET PROCEDE D'ASSEMBLAGE DE BATTERIES DE POLYMERES**

[72] PARKER, MICHAEL, CA
[72] GAGNON, GILLES, CA
[73] BATHIUM CANADA INC., CA
[73] PARKER, MICHAEL, CA
[73] GAGNON, GILLES, CA
[86] (2761286)
[87] (2761286)
[22] 2003-09-18
[62] 2,536,745

[11] **2,761,776**
[13] A1

[51] **Int.Cl. C23C 2/20 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A COATED METAL STRIP WITH AN IMPROVED APPEARANCE**

[54] **PROCEDE DE FABRICATION D'UNE BANDE METALLIQUE REVETUE PRESENTANT UN ASPECT AMELIORE**

[72] DIEZ, LUC, FR
[72] MATAIGNE, JEAN-MICHEL, FR
[72] ORSAL, BERTRAND, FR
[72] SAINT RAYMOND, HUBERT, FR
[73] DIEZ, LUC, ZZ
[73] MATAIGNE, JEAN-MICHEL, ZZ
[73] ORSAL, BERTRAND, ZZ
[73] SAINT RAYMOND, HUBERT, ZZ
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2011-11-10
[86] 2010-05-11 (PCT/FR2010/000364)
[87] (WO2010/130895)
[30] FR (PCT/FR2009/000562) 2009-05-14

[11] **2,763,246**
[13] A1

[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **KETOLIDE COMPOUNDS HAVING ANTIMICROBIAL ACTIVITY**

[54] **COMPOSES KETOLIDES A ACTIVITE ANTIMICROBIENNE**

[72] TRIVEDI, BHARAT KALIDAS, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT RESEARCH CENTRE, IN
[73] TRIVEDI, BHARAT KALIDAS, ZZ
[73] PATEL, MAHESH VITHALBHAI, ZZ
[85] 2011-11-23
[86] 2010-05-26 (PCT/IB2010/052325)
[87] (WO2010/136971)
[30] IN (1307/MUM/2009) 2009-05-27

[11] **2,763,301**
[13] A1

[51] **Int.Cl. F16K 1/00 (2006.01) F16K 1/32 (2006.01) F16K 47/02 (2006.01)**

[25] EN

[54] **WATER-SAVING VALVE ASSEMBLY**

[54] **SOUPAPE A ECONOMIE D'EAU**

[72] KAO, CHIH-HUNG, CN
[72] KAO, YU-YUEN, CN
[73] HIGHPLUS INTERNATIONAL CO., LTD., CN
[73] KAO, CHIH-HUNG, ZZ
[73] KAO, YU-YUEN, ZZ
[85] 2011-11-23
[86] 2010-02-12 (PCT/CN2010/000209)
[87] (WO2011/097769)

[11] **2,764,132**
[13] A1

[51] **Int.Cl. B01J 23/28 (2006.01) B01D 53/86 (2006.01) B01J 23/30 (2006.01) B01J 23/88 (2006.01)**

[25] EN

[54] **MERCURY OXIDATION CATALYST AND METHOD FOR PRODUCING THE SAME**

[54] **CATALYSEUR D'OXYDATION DU MERCURE ET PROCEDE POUR PRODUIRE CELUI-CI**

[72] NOCHI, KATSUMI, JP
[72] YONEMURA, MASANAO, JP
[72] KIYOSAWA, MASASHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] NOCHI, KATSUMI, ZZ
[73] YONEMURA, MASANAO, ZZ
[73] KIYOSAWA, MASASHI, ZZ
[85] 2011-11-30
[86] 2010-09-30 (PCT/JP2010/067132)
[87] (WO2011/040559)
[30] US (61/247,716) 2009-10-01

[11] **2,766,084**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/145 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01) B65B 3/00 (2006.01) B65B 7/28 (2006.01) B65D 83/00 (2006.01)**

[25] EN

[54] **RESERVOIR FILLING SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE REMPLISSAGE DE RESERVOIR**

[72] CHONG, COLIN A., US
[72] LUAN, TRUONG GIA, US
[72] BIKOVSKY, RAFAEL, US
[72] IBRANYAN, ARSEN, US
[73] MEDTRONIC MINIMED, INC., US
[73] CHONG, COLIN A., ZZ
[73] LUAN, TRUONG GIA, ZZ
[73] BIKOVSKY, RAFAEL, ZZ
[73] IBRANYAN, ARSEN, ZZ
[85] 2011-12-19
[86] 2010-07-07 (PCT/US2010/041240)
[87] (WO2011/005880)
[30] US (12/499,283) 2009-07-08
[30] US (12/831,113) 2010-07-06

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[11] **2,767,544**
[13] A1

[51] **Int.Cl. B01D 53/34 (2006.01) A62D 3/176 (2007.01) A62D 3/38 (2007.01) A61L 9/014 (2006.01) A61L 9/20 (2006.01) B01D 15/00 (2006.01) B01D 53/02 (2006.01) C02F 1/28 (2006.01) C02F 1/32 (2006.01) C02F 1/72 (2006.01)**

[25] EN
[54] **METHODS FOR TREATING ODORS**
[54] **PROCEDES DE TRAITEMENT D'ODEURS**
[72] BEAULIEU, MARTIN, CA
[72] CHABOT, STEPHANE, CA
[72] CHAREST, YVES, CA
[73] EXP SERVICES INC., CA
[73] BEAULIEU, MARTIN, CA
[73] CHABOT, STEPHANE, CA
[73] CHAREST, YVES, CA
[86] (2767544)
[87] (2767544)
[22] 2009-05-08
[62] 2,721,684
[30] US (61/051,716) 2008-05-09

[11] **2,768,678**
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**

[25] EN
[54] **PRIMARY AND SUPPLEMENTAL INTRAOCULAR LENS SYSTEM**
[54] **SYSTEME DE LENTILLE INTRAOCULAIRE PRIMAIRE ET COMPLEMENTAIRE**
[72] BRADY, DANIEL G., US
[72] ROCKLEY, PAUL, US
[73] ABBOTT MEDICAL OPTICS, INC., US
[73] BRADY, DANIEL G., ZZ
[73] ROCKLEY, PAUL, ZZ
[86] (2768678)
[87] (2768678)
[22] 2004-07-28
[62] 2,533,544
[30] US (10/629,210) 2003-07-28

[11] **2,769,604**
[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01) H04W 24/00 (2009.01)**

[25] EN
[54] **SYNCHRONIZATION TRANSMISSIONS IN A WIRELESS COMMUNICATION SYSTEM**
[54] **TRANSMISSIONS DE SYNCHRONISATION DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] KIM, BYOUNG-HOON, US
[72] MALLADI, DURGA PRASAD, US
[73] QUALCOMM INCORPORATED, US
[73] KIM, BYOUNG-HOON, ZZ
[73] MALLADI, DURGA PRASAD, ZZ
[86] (2769604)
[87] (2769604)
[22] 2007-10-01
[62] 2,663,625
[30] US (60/828,051) 2006-10-03

[11] **2,769,646**
[13] A1

[51] **Int.Cl. H04W 48/02 (2009.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01)**

[25] EN
[54] **CONTROLLING DATA TRANSFER ON MOBILE DEVICES**
[54] **REGULATION DU TRANSFERT DE DONNEES SUR DES DISPOSITIFS MOBILES**
[72] ADAMS, NEIL PATRICK, CA
[72] TAKACS, KRISTOF, CA
[72] FARRAKHA, AHMED MOHAMED, CA
[72] HARAMATI, YANIV, CA
[72] TU, VAN QUY, CA
[73] ADAMS, NEIL PATRICK, CA
[73] TAKACS, KRISTOF, CA
[73] FARRAKHA, AHMED MOHAMED, CA
[73] BLACKBERRY LIMITED, CA
[73] HARAMATI, YANIV, CA
[73] TU, VAN QUY, CA
[85] 2012-02-29
[86] 2011-11-15 (PCT/CA2011/050707)
[87] (WO2012/065264)
[30] US (61/413,931) 2010-11-15

[11] **2,771,268**
[13] A1

[51] **Int.Cl. C08G 18/10 (2006.01) A01C 1/04 (2006.01) A01G 9/10 (2006.01) A01G 31/00 (2006.01) C08G 18/48 (2006.01)**

[25] EN
[54] **PROCESS FOR MAKING A FLEXIBLE POLYURETHANE FOAM**
[54] **PROCEDE DE FABRICATION D'UNE MOUSSE DE POLYURETHANE FLEXIBLE**
[72] MACKEN, JOHAN ANTOINE STEFAAN, BE
[72] MOUREAU, HERMAN EUGENE GERMAIN, BE
[72] RAMSDONCK, STEVEN, BE
[72] VANDEVELDE, ANNELIES, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
[73] MACKEN, JOHAN ANTOINE STEFAAN, ZZ
[73] MOUREAU, HERMAN EUGENE GERMAIN, ZZ
[73] RAMSDONCK, STEVEN, ZZ
[73] VANDEVELDE, ANNELIES, ZZ
[85] 2012-02-15
[86] 2010-09-14 (PCT/EP2010/063467)
[87] (WO2011/042284)
[30] EP (09172422.9) 2009-10-07

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[11] **2,771,292**
[13] A1

[51] **Int.Cl. D21H 21/16 (2006.01) D21H 21/18 (2006.01)**

[25] EN

[54] **PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY**

[54] **SUBSTRATS DE PAPIER PRESENTANT UN COLLAGE EN SURFACE ELEVE, UN COLLAGE DANS LA MASSE FAIBLE ET UNE STABILITE DIMENSIONNELLE ELEVEE**

[72] SINGH, KAPIL MOHAN, US
[72] ANDERSON, D.W., US
[72] FROASS, PETER M., US
[72] HONG, YAOLIANG, US
[72] MOHAN, KRISHNA K., US
[72] ARNISON, THOMAS R., US
[72] HUANG, YAN C., US
[73] INTERNATIONAL PAPER COMPANY, US
[73] SINGH, KAPIL MOHAN, ZZ
[73] ANDERSON, D.W., ZZ
[73] FROASS, PETER M., ZZ
[73] HONG, YAOLIANG, ZZ
[73] MOHAN, KRISHNA K., ZZ
[73] ARNISON, THOMAS R., ZZ
[73] HUANG, YAN C., ZZ
[86] (2771292)
[87] (2771292)
[22] 2007-01-17
[62] 2,636,721
[30] US (60/759,629) 2006-01-17
[30] US (60/759,630) 2006-01-17
[30] US (60/853,882) 2006-10-24

[11] **2,773,096**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61F 9/007 (2006.01)**

[25] EN

[54] **ILLUMINATION DEVICE FOR USE IN AN OPHTHALMIC SURGICAL APPARATUS**

[54] **DISPOSITIF D'ECLAIRAGE UTILISABLE DANS UN INSTRUMENT DE CHIRURGIE OPHTHALMIQUE**

[72] STOCKS, DAVID JOHN, GB
[72] GROVER, SIMON RODERICK, GB
[72] NELSON, MIKE, GB
[73] BAUSCH & LOMB INCORPORATED, US
[73] STOCKS, DAVID JOHN, ZZ
[73] GROVER, SIMON RODERICK, ZZ
[73] NELSON, MIKE, ZZ
[85] 2012-03-02
[86] 2010-08-26 (PCT/US2010/046765)
[87] (WO2011/028592)
[30] US (61/239,936) 2009-09-04
[30] US (12/868,777) 2010-08-26

[11] **2,775,934**
[13] A1

[51] **Int.Cl. F42D 5/00 (2006.01) F42D 1/00 (2006.01) F42D 3/04 (2006.01)**

[25] EN

[54] **BLASTING METHODS AND APPARATUS WITH REDUCED RISK OF INADVERTENT OR ILLICIT USE**

[54] **APPAREIL ET PROCEDE D'ABATTAGE A L'EXPLOSIF**

[72] LOWNDS, CHARLES MICHAEL, US
[72] STEWART, RONALD F., US
[72] BAMPFIELD, HOWARD, US
[73] ORICA EXPLOSIVES TECHNOLOGY PTY LTD, AU
[73] LOWNDS, CHARLES MICHAEL, ZZ
[73] STEWART, RONALD F., ZZ
[73] BAMPFIELD, HOWARD, ZZ
[86] (2775934)
[87] (2775934)
[22] 2006-02-16
[62] 2,596,099
[30] US (60/653,085) 2005-02-16
[30] US (60/715,133) 2005-09-09

[11] **2,773,906**
[13] A1

[51] **Int.Cl. B01D 33/11 (2006.01) B01D 33/27 (2006.01)**

[25] EN

[54] **LIQUID SEPARATING DRUM, SEPARATOR PROVIDED WITH SUCH A DRUM, AND KIT FOR ASSEMBLING THE SAME**

[54] **TAMBOUR DE SEPARATION DE LIQUIDE, SEPARATEUR POURVU DE CE TAMBOUR ET KIT DE MONTAGE ASSOCIE**

[72] COURTEMANCHE, ALAIN, CA
[72] DESROCHERS, YANN, CA
[72] ST-ONGE, STEPHANE, CA
[73] COURTEMANCHE, ALAIN, CA
[73] DESROCHERS, YANN, CA
[73] ST-ONGE, STEPHANE, CA
[73] GEA FARM TECHNOLOGIES CANADA INC., CA
[85] 2012-03-12
[86] 2010-09-14 (PCT/CA2010/001457)
[87] (WO2011/029205)
[30] CA (2,678,839) 2009-09-14

[11] **2,780,056**
[13] A1

[51] **Int.Cl. G01N 21/85 (2006.01) C02F 1/00 (2006.01) G01N 33/18 (2006.01) G01N 33/34 (2006.01)**

[25] EN

[54] **AN ON-LINE MACROCONTAMINANT ANALYSER AND METHOD**

[54] **ANALYSEUR DE MACROPOLLUANTS EN LIGNE ET PROCEDE**

[72] DORRIS, GILLES MARCEL, CA
[72] CALOCA, CARLOS CASTRO, CA
[72] GENDRON, SYLVAIN, CA
[72] RICARD, MICHELLE AGNES, CA
[72] PAGE, NATALIE, CA
[72] FILION, DENISE, CA
[73] FPINNOVATIONS, CA
[73] DORRIS, GILLES MARCEL, CA
[73] CALOCA, CARLOS CASTRO, CA
[73] GENDRON, SYLVAIN, CA
[73] RICARD, MICHELLE AGNES, CA
[73] PAGE, NATALIE, CA
[73] FILION, DENISE, CA
[85] 2012-06-15
[86] 2010-12-17 (PCT/CA2010/002019)
[87] (WO2011/072396)
[30] US (61/287,883) 2009-12-18

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[11] **2,781,876**
[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01) B01D 19/00 (2006.01) C12M 1/04 (2006.01) C12M 1/107 (2006.01) C12N 1/00 (2006.01) C12P 1/00 (2006.01)**

[25] EN

[54] **ALCOHOL PRODUCTION PROCESS**

[54] **PROCEDE DE PRODUCTION D'UN ALCOOL**

[72] COOMBES, JOSS ANTON, NZ

[73] LANZATECH NEW ZEALAND LIMITED, NZ

[73] COOMBES, JOSS ANTON, ZZ

[85] 2012-07-05

[86] 2011-05-20 (PCT/NZ2011/000082)

[87] (WO2011/145956)

[30] US (61/347,327) 2010-05-21

[11] **2,785,061**
[13] A1

[51] **Int.Cl. A45C 5/04 (2006.01) A45C 5/14 (2006.01)**

[25] EN

[54] **HARD-SIDED LUGGAGE BAG WITH FRONT LID**

[54] **BAGAGE A PAROIS LATERALES RIGIDES AVEC COUVERCLE FRONTAL**

[72] SHEIKH, EMRAN Y., CA

[72] EVANGELISTA, ALDEN, CA

[73] HEYS INTERNATIONAL LTD., CA

[73] SHEIKH, EMRAN Y., CA

[73] EVANGELISTA, ALDEN, CA

[86] (2785061)

[87] (2785061)

[22] 2012-08-10

[30] US (61/618,384) 2012-03-30

[11] **2,787,075**
[13] A1

[51] **Int.Cl. B60B 19/02 (2006.01)**

[25] EN

[54] **WHEEL WITH FOLDING SEGMENTS**

[54] **ROUE A SEGMENTS REPLIABLES**

[72] OLM, ORVILLE, CA

[72] WOOD, GREG, CA

[72] DRAGAN, ZENON, CA

[73] OLM, ORVILLE, CA

[73] WOOD, GREG, CA

[73] DRAGAN, ZENON, CA

[73] DRAGANFLY INNOVATIONS INC., CA

[86] (2787075)

[87] (2787075)

[22] 2012-08-22

[11] **2,784,166**
[13] A1

[51] **Int.Cl. C07C 2/56 (2006.01) C07C 2/62 (2006.01)**

[25] EN

[54] **PARAFFIN ALKYLATION PROCESS**

[54] **PROCEDE D'ALKYLATION DE PARAFFINE**

[72] CROSS, WILLIAM M., JR., US

[72] SMITH, LAWRENCE A., JR., US

[73] CATALYTIC DISTILLATION TECHNOLOGIES, US

[73] CROSS, WILLIAM M., JR., ZZ

[73] SMITH, LAWRENCE A., JR., ZZ

[86] (2784166)

[87] (2784166)

[22] 2007-03-20

[62] 2,648,783

[30] US (11/402,079) 2006-04-11

[11] **2,785,959**
[13] A1

[51] **Int.Cl. H01M 8/10 (2006.01)**

[25] EN

[54] **A SOFC STACK HAVING A HIGH TEMPERATURE BONDED CERAMIC INTERCONNECT AND METHOD FOR MAKING SAME**

[54] **EMPILEMENT DE PILES A COMBUSTIBLE A OXYDE SOLIDE COMPORTANT DES LIAISONS CERAMIQUES COLLEES A HAUTE TEMPERATURE, ET PROCEDE DE FABRICATION CORRESPONDANT**

[72] DONAHUE, WILLIAM J., US

[72] KWON, OH-HUN, US

[72] MAHONEY, F. MICHAEL, US

[72] PIETRAS, JOHN D., US

[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US

[73] DONAHUE, WILLIAM J., ZZ

[73] KWON, OH-HUN, ZZ

[73] MAHONEY, F. MICHAEL, ZZ

[73] PIETRAS, JOHN D., ZZ

[86] (2785959)

[87] (2785959)

[22] 2007-04-04

[62] 2,647,414

[30] US (60/789,619) 2006-04-05

[11] **2,788,203**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01) C10G 21/00 (2006.01)**

[25] EN

[54] **IN SITU RETORTING AND REFINING OF HYDROCARBONS AND A SELECTED METAL FROM OIL SHALE, TAR SANDS AND DEPLETED OIL AND GAS DEPOSITS**

[54] **PYROGENATION ET RAFFINAGE D'HYDROCARBURES ET DE METAUX SELECTIONNES A PARTIR DE SCHISTE BITUMINEUX, DE SABLE BITUMINEUX ET DE GISEMENTS DE GAZ ET DE PETROLE APPAUVRIS**

[72] HILL, GILMAN A., US

[72] AFFHOLTER, JOSEPH A., US

[73] HILL, GILMAN A., US

[73] AFFHOLTER, JOSEPH A., US

[86] (2788203)

[87] (2788203)

[22] 2012-08-30

[30] US (13/317, 604) 2011-10-25

[30] US (13/471,862) 2012-05-15

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[11] **2,790,017**
[13] A1

[51] **Int.Cl. H01M 2/10 (2006.01) H01M 2/34 (2006.01) H01M 6/50 (2006.01) H02H 7/18 (2006.01)**

[25] FR

[54] **ASSEMBLY INCLUDING AN ELECTRIC APPARATUS AND A POWER SUPPLY BATTERY SHARING AN OSCILLATING CIRCUIT**

[54] **ENSEMBLE D'UN EQUIPEMENT ELECTRIQUE ET D'UNE BATTERIE D'ALIMENTATION PARTAGEANT UN CIRCUIT OSCILLANT**

[72] NOLLET, MICHEL, FR
[73] SAGEM DEFENSE SECURITE, FR
[73] NOLLET, MICHEL, ZZ
[85] 2012-08-15
[86] 2011-03-02 (PCT/EP2011/001028)
[87] (WO2011/107269)
[30] FR (1051632) 2010-03-05

[11] **2,790,020**
[13] A1

[51] **Int.Cl. H01M 2/34 (2006.01) G01R 15/20 (2006.01) H01M 10/42 (2006.01) H02H 7/18 (2006.01)**

[25] FR

[54] **BATTERY AND ELECTRIC APPARATUS ASSEMBLY AND BATTERY FOR POWERING THE APPARATUS, HAVING MAGNETICALLY CONTROLLED STUDS**

[54] **BATTERIE ET ENSEMBLE EQUIPEMENT ELECTRIQUE ET BATTERIE D'ALIMENTATION DE L'EQUIPEMENT, AYANT DES PLOTS ACTIVABLES MAGNETIQUEMENT**

[72] NOLLET, MICHEL, FR
[73] SAGEM DEFENSE SECURITE, FR
[73] NOLLET, MICHEL, ZZ
[85] 2012-08-15
[86] 2011-03-02 (PCT/EP2011/001029)
[87] (WO2011/107270)
[30] FR (1051634) 2010-03-05

[11] **2,796,895**
[13] A1

[51] **Int.Cl. F01D 25/24 (2006.01) B23K 26/00 (2006.01) B23K 33/00 (2006.01) B23P 15/00 (2006.01) F01D 25/16 (2006.01) F01D 25/30 (2006.01) F02K 1/78 (2006.01)**

[25] EN

[54] **TURBINE EXHAUST CASE AND METHOD OF MAKING**

[54] **CARTER D'ECHAPPEMENT DE TURBINE ET SON PROCEDE DE FABRICATION**

[72] GEKHT, EUGENE, CA
[72] FONTAINE, MIKE, CA
[72] JUTRAS, MARTIN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[73] GEKHT, EUGENE, CA
[73] FONTAINE, MIKE, CA
[73] JUTRAS, MARTIN, CA
[86] (2796895)
[87] (2796895)
[22] 2005-06-20
[62] 2,573,342
[30] US (10/892,497) 2004-07-16

[11] **2,799,919**
[13] A1

[51] **Int.Cl. E01F 9/015 (2006.01) E01F 9/017 (2006.01)**

[25] EN

[54] **DRIVEWAY MARKING DEVICE**

[54] **DISPOSITIF DE BALISAGE DE VOIE D'ACCES**

[72] TRUDEL, SANDRA L., CA
[72] LEVY, MITCHELL, US
[73] TRUDEL, SANDRA L., CA
[73] LEVY, MITCHELL, US
[86] (2799919)
[87] (2799919)
[22] 2012-12-18
[30] US (61/625,965) 2012-04-18

[11] **2,804,131**
[13] A1

[51] **Int.Cl. C08G 69/26 (2006.01) C08L 21/00 (2006.01) C08L 77/06 (2006.01)**

[25] EN

[54] **REACTIVE POLYAMIDE RESINS AND POLYAMIDE RESIN COMPOSITIONS**

[54] **RESINE POLYAMIDE REACTIVE ET COMPOSITION DE RESINE POLYAMIDE**

[72] MITADERA, JUN, JP
[72] AYUBA, SHINICHI, JP
[72] MATSUMOTO, NOBUHIKO, JP
[72] OTSUKA, KOSUKE, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[73] MITADERA, JUN, ZZ
[73] AYUBA, SHINICHI, ZZ
[73] MATSUMOTO, NOBUHIKO, ZZ
[73] OTSUKA, KOSUKE, ZZ
[85] 2012-12-28
[86] 2012-05-18 (PCT/JP2012/062814)
[87] (WO2012/169334)
[30] JP (2011-129969) 2011-06-10

[11] **2,808,334**
[13] A1

[51] **Int.Cl. B60R 9/042 (2006.01) B60R 9/08 (2006.01)**

[25] EN

[54] **LOAD AND LIFT ROOF RACK**

[54] **SUPPORT DE TOIT CHARGER-SOULEVER**

[72] BULLER, PAUL KEVIN, CA
[73] BULLER, PAUL KEVIN, CA
[85] 2013-03-07
[86] 2012-10-30 (PCT/CA2012/001003)
[87] (2808334)
[30] US (61/554,854) 2011-02-11

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[11] **2,809,132**

[13] A1

[51] **Int.Cl. H04M 11/06 (2006.01) H04M
3/42 (2006.01)**

[25] EN

[54] **VOICE-SCREEN ARS SERVICE
SYSTEM, METHOD FOR
PROVIDING SAME, AND
COMPUTER-READABLE
RECORDING MEDIUM**

[54] **SYSTEME DE SERVICE ARS
D'ECRAN/VOCAL, PROCEDE
ASSOCIE ET SUPPORT
D'ENREGISTREMENT LISIBLE
PAR UN ORDINATEUR**

[72] KIM, YONG JIN, KR

[72] KIM, DAVID, KR

[73] CALL GATE CO., LTD., KR

[73] KIM, YONG JIN, ZZ

[73] KIM, DAVID, ZZ

[85] 2013-02-21

[86] 2011-08-23 (PCT/KR2011/006226)

[87] (WO2012/026744)

[30] KR (10-2010-0081819) 2010-08-24

[11] **2,811,260**

[13] A1

[51] **Int.Cl. H04N 9/43 (2006.01) H04N
5/30 (2006.01) H04N 9/09 (2006.01)
H04N 9/097 (2006.01)**

[25] EN

[54] **CAMERA IMAGING SYSTEMS
AND METHODS**

[54] **SYSTEMES ET PROCEDES
D'IMAGERIE PAR CAMERA**

[72] ZHANG, YUN, CA

[73] UNIVERSITY OF NEW
BRUNSWICK, CA

[73] ZHANG, YUN, CA

[85] 2013-04-05

[86] 2011-10-24 (PCT/CA2011/050666)

[87] (WO2012/051720)

[30] US (61/405,941) 2010-10-22

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[21] **2,773,289**
[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/10 (2006.01) C09K 17/40 (2006.01)**
[25] FR
[54] **A NOVEL HORTICULTURAL PROCESS USING A UNIQUE SUBSTRATE AND A NOVEL CONTAINER**
[54] **UN NOUVEAU PROCÉDE DE CULTURE HORTICOLE UTILISANT UN SUBSTRACT INÉDIT AINSI QU'UN NOUVEAU CONTENANT**
[72] LALONDE, EMILIE, CA
[71] LALONDE, EMILIE, CA
[22] 2012-04-13
[41] 2013-10-13

[21] **2,774,249**
[13] A1
[51] **Int.Cl. H01H 13/83 (2006.01) G06F 3/02 (2006.01) H01H 13/26 (2006.01)**
[25] EN
[54] **MURDOCK'S KEYED SCREEN OVERLAY**
[54] **PROTECTEUR D'ECRAN MURDOCK**
[72] MURDOCK, NATHAN D., CA
[71] MURDOCK, NATHAN D., CA
[22] 2012-04-16
[41] 2013-10-16

[21] **2,774,322**
[13] A1
[51] **Int.Cl. F16L 11/127 (2006.01) B65G 51/18 (2006.01) B65G 53/52 (2006.01) F16L 11/118 (2006.01)**
[25] EN
[54] **CONDUIT FOR CONVEYING FLOWABLE MATERIAL**
[54] **CONDUIT POUR L'ACHEMINEMENT D'UN MATERIAU COULANT**
[72] KODAMA, HITOYA, US
[71] KODAMA, HITOYA, US
[22] 2012-04-16
[41] 2013-10-16

[21] **2,774,330**
[13] A1
[51] **Int.Cl. A47G 23/02 (2006.01) A47G 29/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **MODULAR BEVERAGE HOLDER**
[54] **PORTE-BREUVAGE MODULAIRE**
[72] WEBB, BRIAN SCOTT, US
[71] WEBB, BRIAN SCOTT, US
[22] 2012-04-16
[41] 2013-10-16

[21] **2,774,376**
[13] A1
[51] **Int.Cl. F16B 2/08 (2006.01) F16L 3/08 (2006.01) F16M 7/00 (2006.01) H01R 4/46 (2006.01) H01R 4/66 (2006.01) H02G 1/00 (2006.01) B29C 33/30 (2006.01)**
[25] EN
[54] **CLAMP ASSEMBLY AND CONDUCTIVE CUSHION WITH MOLDED- IN GROUNDING FOIL**
[54] **BRIDE ET COUSSINET CONDUCTEUR AVEC FEUILLE DE MISE A LA TERRE MOULEE**
[72] SHAPIRO, JAY S., US
[71] KIRKILL-TA CO., US
[22] 2012-04-13
[41] 2013-10-13

[21] **2,774,505**
[13] A1
[51] **Int.Cl. B25F 5/00 (2006.01) H01H 15/00 (2006.01)**
[25] EN
[54] **TRIGGER LOCK-ON LOCK-OFF MECHANISM**
[54] **MECANISME DE VERROUILLAGE ET DE DEVERROUILLAGE D'UNE DETENTE**
[72] YUAN, PEDRO HUANG BAI, CN
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US
[22] 2012-04-17
[41] 2013-10-17

[21] **2,774,509**
[13] A1
[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/18 (2006.01) B32B 5/28 (2006.01) B32B 27/04 (2006.01) B32B 27/08 (2006.01) B32B 37/15 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **FACER AND CONSTRUCTION MATERIALS MADE THEREWITH**
[54] **REVETEMENTS DE PROTECTION ET MATERIAUX DE CONSTRUCTION FABRIQUES AVEC CEUX-CI**
[72] SINGH, AJAY, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2012-04-17
[41] 2013-10-17

[21] **2,774,511**
[13] A1
[51] **Int.Cl. C07F 15/00 (2006.01) H01L 21/288 (2006.01) H01L 31/0224 (2006.01) H01L 51/30 (2006.01) H01M 14/00 (2006.01) C09B 57/10 (2006.01)**
[25] EN
[54] **CYCLOMETALATED TRANSITION METAL DYES**
[54] **COLORANTS A METAUX DE TRANSITION CYCLOMETALLATES**
[72] BERLINGUETTE, CURTIS, CA
[72] BOMBEN, PAOLO, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2012-04-17
[41] 2013-10-17

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[21] **2,774,513**
[13] A1

[51] **Int.Cl. C02F 1/40 (2006.01) C02F 1/00 (2006.01) C02F 1/38 (2006.01)**
[25] EN
[54] **METHOD**
[54] **PROCEDE**
[72] AANESEN, SVEIN VIGGO, NO
[72] NYGAARD, CECILIE FJELD, NO
[72] LEYRIS, JULIETTE DIOUMA, NO
[72] LARSEN, KARL ERIK, NO
[72] HENRIKSEN, ARNE, NO
[72] BOE, BENTE (DECEASED), NO
[71] STATOIL CANADA LIMITED, CA
[22] 2012-04-17
[41] 2013-10-17

[21] **2,774,519**
[13] A1

[51] **Int.Cl. B60D 1/02 (2006.01) A01B 59/04 (2006.01)**
[25] EN
[54] **HITCH WITH HARDENED BUSHING WITH WEAR SURFACE**
[54] **ATTELAGE AVEC BAGUE DURCIE A SURFACE D'USURE**
[72] OLSON, BRIAN R., CA
[71] POWER PIN INC., CA
[22] 2012-04-19
[41] 2013-10-19

[21] **2,774,521**
[13] A1

[51] **Int.Cl. F01M 1/02 (2006.01) F01M 11/02 (2006.01) F01M 13/00 (2006.01) F16N 1/00 (2006.01) F16N 7/38 (2006.01)**
[25] EN
[54] **EFFICIENT LUBRICANT TREATMENT FOR RADIAL ENGINE**
[54] **TRAITEMENT LUBRIFIANT EFFICACE POUR UN MOTEUR EN ETOILE**
[72] CARMEN, ANTHONY J., US
[72] GRIFFIN, JAMES H., US
[72] HEISE, DOUGLAS R., US
[71] CLEAR ENERGY SYSTEMS, INC., US
[22] 2012-04-19
[41] 2013-10-19

[21] **2,774,591**
[13] A1

[51] **Int.Cl. H01L 51/56 (2006.01) B01J 19/12 (2006.01) H01L 51/52 (2006.01) C23C 8/08 (2006.01) C23C 8/36 (2006.01) H01L 51/40 (2006.01) H01L 51/48 (2006.01)**
[25] EN
[54] **FUNCTIONALIZATION OF A SUBSTRATE**
[54] **FONCTIONNALISATION D'UN SUBSTRAT**
[72] HELANDER, MICHAEL, CA
[72] WANG, ZHIBIN, CA
[72] QIU, JACKY, CA
[72] LU, ZHENG-HONG, CA
[71] OTI LUMIONICS INC., CA
[22] 2012-04-13
[41] 2013-10-13

[21] **2,774,718**
[13] A1

[51] **Int.Cl. H04Q 3/52 (2006.01)**
[25] EN
[54] **XP RADIO FREQUENCY ROUTER**
[54] **ROUTEUR POUR FREQUENCES RADIO XP**
[72] BALDOR, DANIEL, CA
[71] EVERTZ MICROSYSTEMS LTD., CA
[22] 2012-04-16
[41] 2013-10-16

[21] **2,774,846**
[13] A1

[51] **Int.Cl. B01D 53/64 (2006.01) B01D 46/00 (2006.01) B01D 53/02 (2006.01) B01D 53/46 (2006.01) B08B 15/00 (2006.01) B65F 7/00 (2006.01)**
[25] FR
[54] **EMANATION RECOVERY FILTER FOR MERCURY FROM FLORESCENT LIGHTS**
[54] **FILTRE RECUPERATION D'EMANATION DE MERCURE DE LAMPES FLUORESCENT**
[72] DESPATIE, MARC, CA
[71] DESPATIE, MARC, CA
[22] 2012-04-17
[41] 2013-10-17

[21] **2,774,847**
[13] A1

[51] **Int.Cl. F16B 39/10 (2006.01) F16B 37/00 (2006.01) F16B 41/00 (2006.01)**
[25] EN
[54] **LOCKING AXLE NUT**
[54] **ECROU D'AXE DE VERROUILLAGE**
[72] VARDEN, ARNOLD, CA
[71] VARDEN, ARNOLD, CA
[22] 2012-04-18
[41] 2013-10-18

[21] **2,774,858**
[13] A1

[51] **Int.Cl. H03B 5/30 (2006.01) H01P 7/00 (2006.01)**
[25] EN
[54] **INTEGRATED STANDING-WAVE VOLTAGE CONTROLLED OSCILLATOR WITH DUAL-MODE COPLANAR WAVEGUIDE RESONATOR**
[54] **OSCILLATEUR A ONDE STATIONNAIRE, INTEGRE ET COMMANDE EN TENSION, AVEC RESONATEUR BIMODAL A GUIDE D'ONDE COPLANAIRE**
[72] LI, MING, CA
[72] HETTAK, KHELIFA, CA
[72] AMAYA, RONY E., CA
[72] MOMCIU, ADRIAN, CA
[72] DESORMEAUX, LUC A., CA
[72] SZWARC, VALEK, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF INDUSTRY THROUGH THE COMMUNICATION RESEARCH CENTRE CANADA, CA
[22] 2012-04-17
[41] 2013-10-17

[21] **2,774,864**
[13] A1

[51] **Int.Cl. B60D 1/00 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **UNUSED OR AFTERMARKET TRAILER TONGUE CONVERSION DEVICE**
[54] **DISPOSITIF DE CONVERSION D'UNE FOURCHE DE REMORQUE NON UTILISEE OU SORTIE DU MARCHE**
[72] MACDOUGALL, KENNETH L., CA
[71] MACDOUGALL, KENNETH L., CA
[22] 2012-04-17
[41] 2013-10-17

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[21] **2,774,936**
[13] A1

[51] **Int.Cl. A42B 3/30 (2006.01) H04R 1/00 (2006.01)**
[25] EN
[54] **BRAINBOXBOOM**
[54] **BRAINBOXBOOM**
[72] MOHR, TYNUR, CA
[71] MOHR, TYNUR, CA
[22] 2012-04-13
[41] 2013-10-13

[21] **2,774,939**
[13] A1

[51] **Int.Cl. F04B 39/06 (2006.01) F04B 37/00 (2006.01)**
[25] EN
[54] **COMPRESSOR**
[54] **COMPRESSEUR**
[72] SIMMONS, DAN, CA
[71] SIMMONS, DAN, CA
[22] 2012-04-19
[41] 2013-10-19

[21] **2,774,962**
[13] A1

[51] **Int.Cl. A61C 7/08 (2006.01) A61C 5/14 (2006.01) A61F 5/56 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **AN ADJUSTABLE BITE PLANE APPLIANCE**
[54] **APPAREIL DE PLAN DE MORSURE AJUSTABLE**
[72] AWDE, DOUGLAS, CA
[71] AWDE, DOUGLAS, CA
[22] 2012-04-16
[41] 2013-10-16

[21] **2,774,984**
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01)**
[25] EN
[54] **RECYCLE OF ASPHALT BASED ROOF SCRAP IN COMBINED DOUBLE-STAGE LOW TEMPERATURE PROCESS FOR RECOVERING BITUMEN FROM ROOFING WASTE**
[54] **RECYCLAGE DE RESIDUS DE REVETEMENT DE TOITURE EN BITUME COMBINE A UN PROCEDE DOUBLE ETAPE A BASSE TEMPERATURE POUR RECUPERER LE BITUME DES RESIDUS DE REVETEMENT DE TOITURE**
[72] NYKULIN, YURIY, CA
[72] GORDEEVA, YULIA, CA
[71] NYKULIN, YURIY, CA
[71] GORDEEVA, YULIA, CA
[22] 2012-04-18
[41] 2013-10-18

[21] **2,775,060**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01)**
[25] EN
[54] **PREDICTION BASED ACQUISITION OF META-DATA FOR LOCATION BASED SERVICES**
[54] **ACQUISITION DE METADONNEES BASEE SUR DES PREDICTIONS POUR DES SERVICES BASES SUR LA LOCALISATION**
[72] AGOURIDIS, DIMITRIS, CA
[72] MUFTI, MUID, CA
[71] AGOURIDIS, DIMITRIS, CA
[71] MUFTI, MUID, CA
[22] 2012-04-19
[41] 2013-10-19

[21] **2,775,073**
[13] A1

[51] **Int.Cl. A01K 1/035 (2006.01) A01K 1/01 (2006.01)**
[25] EN
[54] **PET LOVER'S PIDDLE COVERS**
[54] **COUVERCLE DE LITIERE POUR AMOUREUX DES ANIMAUX**
[72] LOUGHLIN-LIHOU, AMANDA, CA
[71] LOUGHLIN-LIHOU, AMANDA, CA
[22] 2012-04-17
[41] 2013-10-17

[21] **2,775,099**
[13] A1

[51] **Int.Cl. B65D 6/16 (2006.01)**
[25] EN
[54] **COLLAPSIBLE BOX MADE OF IDENTICAL PANELS**
[54] **BOITE PLIABLE FAITE DE PANNEAUX IDENTIQUES**
[72] XIMENES, LEONARDO, CA
[71] XIMENES, LEONARDO, CA
[22] 2012-04-18
[41] 2013-10-18

[21] **2,775,101**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04N 21/4782 (2011.01) G06F 17/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **MULTIMEDIA CONTENT PUBLISHING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PUBLICATION DE CONTENU MULTIMEDIA**
[72] GIRARD, ALAIN, CA
[72] MILOT, BERTRAND, CA
[72] DOUANLA, HILAIRE, CA
[71] BLUE STORM MEDIA INC., CA
[22] 2012-04-13
[41] 2013-10-13

[21] **2,775,138**
[13] A1

[51] **Int.Cl. E21B 37/00 (2006.01) E21B 43/16 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **HYDRODYNAMIC PULSE TOOL**
[54] **OUTIL HYDRODYNAMIQUE A PULSION**
[72] GROVES, WILLIAM EMIL, CA
[71] FRAC ADVANTAGE STIMULATION TOOLS INCORPORATED, CA
[22] 2012-04-13
[41] 2013-10-13

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[21] **2,775,140**
[13] A1

[51] **Int.Cl. A01G 25/02 (2006.01) A01G 25/06 (2006.01)**
[25] EN
[54] **MOISTURE RESPONSIVE IRRIGATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'IRRIGATION REAGISSANT AU NIVEAU D'HUMIDITE**
[72] BAYLEY, JEFF, CA
[71] CANPLAS INDUSTRIES LTD., CA
[22] 2012-04-17
[41] 2013-10-17

[21] **2,775,203**
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **APPARATUS, METHOD AND ARTICLE TO AUTOMATE AND MANAGE COMMUNICATIONS IN A NETWORKED ENVIRONMENT**
[54] **APPAREIL, PROCEDE ET ARTICLE POUR AUTOMATISER ET GERER LES COMMUNICATIONS DANS UN ENVIRONNEMENT RESEAUTE**
[72] SNYDER, ERIC WILLIAM, US
[72] HAWES, LLOYD SUTTON, II, US
[72] LONG, HON SENG, US
[71] VERTAFORE, INC., US
[22] 2012-04-19
[41] 2013-10-19

[21] **2,775,205**
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **APPARATUS, METHOD AND ARTICLE TO AUTOMATE AND MANAGE ELECTRONIC DOCUMENTS IN A NETWORKED ENVIRONMENT**
[54] **APPAREIL, PROCEDE ET ARTICLE POUR AUTOMATISER ET GERER DES DOCUMENTS ELECTRONIQUES DANS UN ENVIRONNEMENT RESEAUTE**
[72] SNYDER, ERIC WILLIAM, US
[72] FINCH, STEVEN PRESTON, US
[72] LONG, HON SENG, US
[72] HAWES, LLOYD SUTTON, II, US
[71] VERTAFORE, INC., US
[22] 2012-04-19
[41] 2013-10-19

[21] **2,775,220**
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **APPARATUS, METHOD AND ARTICLE TO AUTOMATE AND MANAGE COMMUNICATIONS TO MULTIPLE ENTITIES IN A NETWORKED ENVIRONMENT**
[54] **APPAREIL, PROCEDE ET ARTICLE POUR AUTOMATISER ET GERER LES COMMUNICATIONS DE MULTIPLES ENTITES DANS UN ENVIRONNEMENT RESEAUTE**
[72] SNYDER, ERIC WILLIAM, US
[72] HAWES, LLOYD SUTTON, II, US
[72] LONG, HON SENG, US
[71] VERTAFORE, INC., US
[22] 2012-04-19
[41] 2013-10-19

[21] **2,775,230**
[13] A1

[51] **Int.Cl. C05F 11/00 (2006.01) C02F 1/44 (2006.01) C05F 7/00 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **ORGANIC FORWARD OSMOSIS SYSTEM**
[54] **SYSTEME D'OSMOSE DIRECTE ORGANIQUE**
[72] HERRON, JOHN R., US
[72] LAMPI, KEITH, US
[72] GORMLY, SHERWIN, US
[72] BEAUDRY, EDWARD, US
[71] HYDRATION SYSTEMS, LLC, US
[22] 2012-04-19
[41] 2013-10-19

[21] **2,775,524**
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B 10/26 (2006.01)**
[25] EN
[54] **WELLBORE COMPLETION SYSTEM WITH REAMING TOOL**
[54] **SYSTEME DE COMPLETION DE PUIIS EQUIPE D'UN OUTIL D'ALESAGE**
[72] DAVIS, LANCE S., GB
[72] SCOTT, EDWARD D., GB
[72] PRESSLIE, MARK, GB
[71] DEEP CASING TOOLS LIMITED, GB
[22] 2012-04-26
[41] 2013-10-18
[30] US (13/449,398) 2012-04-18

[21] **2,776,091**
[13] A1

[51] **Int.Cl. A47J 45/06 (2006.01) A47J 27/00 (2006.01) B65D 25/28 (2006.01)**
[25] EN
[54] **PAN WITH HANDLES**
[54] **POELON AVEC POIGNEES**
[72] SARNOFF, NORTON, US
[72] PATEL, RAJ, US
[71] HANDI-FOIL CORPORATION, US
[22] 2012-05-04
[41] 2013-10-19
[30] US (13/450,601) 2012-04-19

[21] **2,781,793**
[13] A1

[51] **Int.Cl. B60Q 9/00 (2006.01) B60Q 1/50 (2006.01) B63C 3/00 (2006.01)**
[25] EN
[54] **BOAT TRAILER POSITION ASSISTING DEVICE**
[54] **DISPOSITIF D'AIDE AU POSITIONNEMENT D'UNE REMORQUE DE BATEAU**
[72] MCCLUSKEY, STEVEN, CA
[71] SOLO LAUNCH INC., CA
[22] 2012-06-26
[41] 2013-10-19
[30] US (13/451,058) 2012-04-19

[21] **2,782,974**
[13] A1

[51] **Int.Cl. E04G 5/06 (2006.01) F16B 2/06 (2006.01)**
[25] EN
[54] **SHEET SECURING SCAFFOLD CLAMP**
[54] **PINCE POUR LA FIXATION DE TOILES SUR UN ECHAFFAUDAGE**
[72] CHAU, ALEXANDER S., CA
[71] CHAU, ALEXANDER S., CA
[22] 2012-07-10
[41] 2013-10-13
[30] US (61/623,813) 2012-04-13

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[21] **2,788,279**
[13] A1

[51] **Int.Cl. A47L 9/00 (2006.01) A47L 7/00 (2006.01) B60R 11/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER WITH NOISE REDUCTION RECESSES**
[54] **ASPIRATEUR MUNI DE SECTIONS EN RETRAIT PERMETTANT DE REDUIRE LE BRUIT**
[72] NORELL, NEIL N., US
[72] YURKO, MICHAEL Z., US
[71] SHOP VAC CORPORATION, US
[22] 2012-08-29
[41] 2013-10-18
[30] US (13/450,068) 2012-04-18

[21] **2,790,132**
[13] A1

[51] **Int.Cl. A24C 5/40 (2006.01)**
[25] EN
[54] **TABLETOP AUTOMATIC CIGARETTE-MAKING MACHINE**
[54] **MACHINE AUTOMATIQUE DE TABLE POUR LA FABRICATION DE CIGARETTES**
[72] YANG, JINJUAN, CN
[71] REPUBLIC TOBACCO L.P., US
[22] 2012-09-17
[41] 2013-10-18
[30] US (13/449,823) 2012-04-18

[21] **2,794,056**
[13] A1

[51] **Int.Cl. A01B 59/04 (2006.01) B60D 1/26 (2006.01) B60D 1/36 (2006.01) B60D 1/42 (2006.01)**
[25] EN
[54] **AUTOMATIC TRACTOR HITCH SYSTEM FOR TRAILING IMPLEMENTS**
[54] **SYSTEME D'ATTELAGE DE TRACTEUR AUTOMATIQUE POUR REMORQUER DES ACCESSOIRES**
[72] WENDTE, KEITH W., US
[72] MEINERS, TRACEY D., US
[72] MERRIKEN, CHARLES B., US
[72] KRUG, BRIAN R., US
[72] RAUSCH, GARRETT R., US
[72] VAHLING, BRUCE R., US
[71] CNH AMERICA LLC, US
[22] 2012-11-01
[41] 2013-10-19
[30] US (13/451,151) 2012-04-19

[21] **2,794,265**
[13] A1

[51] **Int.Cl. F16L 55/00 (2006.01) F16L 1/06 (2006.01) G01B 3/04 (2006.01)**
[25] EN
[54] **PLUMBING PATH GUIDE APPARATUS**
[54] **APPAREIL DE GUIDAGE LE LONG DES CIRCUITS DE PLOMBERIE**
[72] CARRELL, DANIEL KEVIN, US
[71] CARRELL, DANIEL KEVIN, US
[22] 2012-10-19
[41] 2013-10-18
[30] US (13/449,659) 2012-04-18

[21] **2,794,498**
[13] A1

[51] **Int.Cl. B25J 1/00 (2006.01) A61B 17/00 (2006.01) B25J 15/00 (2006.01)**
[25] EN
[54] **INSTRUMENT TIP ASSEMBLY HAVING SELF-THREADING BACK HUB**
[54] **ENSEMBLE D'EMBOU POURVU D'UN MOYEU ARRIERE A ENFILEMENT AUTOMATIQUE**
[72] RYLL, PAUL DAVID, US
[72] ALISKI, PETER, US
[71] MICROLINE SURGICAL, INC., US
[22] 2012-11-06
[41] 2013-10-19
[30] US (13/451,046) 2012-04-19

[21] **2,795,412**
[13] A1

[51] **Int.Cl. F24C 3/12 (2006.01) D06F 39/04 (2006.01) D06F 58/26 (2006.01) F16K 31/04 (2006.01) F24C 14/00 (2006.01)**
[25] EN
[54] **HOME APPLIANCE WITH MAINTOP GAS CONTROL APPARATUS**
[54] **APPAREIL ELECTROMENAGER AVEC DISPOSITIF DE REGLAGE DES GAZ SUR LA CONDUITE MAITRESSE**
[72] COLLINS, GAYLE, US
[72] GAYLE, JAMES, US
[72] SAVITZ, GEORGE, US
[72] WEIMER, CHARLES, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-11-13
[41] 2013-10-18
[30] US (13/449,339) 2012-04-18

[21] **2,799,806**
[13] A1

[51] **Int.Cl. B60D 1/01 (2006.01) A01B 59/00 (2006.01)**
[25] EN
[54] **HITCH BUSHING**
[54] **BAGUE D'ATTELAGE**
[72] OLSON, BRIAN R., CA
[71] POWER PIN INC., CA
[22] 2012-12-20
[41] 2013-10-19
[30] CA (2774519) 2012-04-19

[21] **2,800,628**
[13] A1

[51] **Int.Cl. B65D 5/20 (2006.01)**
[25] EN
[54] **TRAY COVER, TRAY INSERT, AND METHODS THEREOF**
[54] **COUVERCLE DE BAC, PLATEAU ET PROCEDES CONNEXES**
[72] KENNER, RALF, DE
[72] WENDER, LUCIEN, DE
[71] MULTI PACKAGING SOLUTIONS, INC., US
[22] 2013-01-03
[41] 2013-10-13
[30] EP (12164150.0) 2012-04-13
[30] US (13/448,681) 2012-04-17

[21] **2,802,139**
[13] A1

[51] **Int.Cl. B64C 3/46 (2006.01) B64C 3/30 (2006.01) B64C 9/00 (2006.01) B64C 23/00 (2006.01)**
[25] EN
[54] **CONTINUOUS MOLDLINE TECHNOLOGY (CMT) ELASTOMERIC CONTROL SURFACE**
[54] **SURFACE DE COMMANDE ELASTOMERE A TECHNOLOGIE DE LIGNE DE MOULAGE CONTINUE**
[72] GEDERS, PAUL F., US
[71] THE BOEING COMPANY, US
[22] 2013-01-15
[41] 2013-10-19
[30] US (13/451,456) 2012-04-19

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[21] **2,803,209**
[13] A1

[51] **Int.Cl. G01M 7/02 (2006.01) B64F 5/00 (2006.01) B66F 3/46 (2006.01) B66F 7/00 (2006.01) G01M 17/00 (2006.01) G01G 19/07 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR GROUND VIBRATION TESTING AND WEIGHT AND BALANCE MEASUREMENT**

[54] **SYSTEME ET PROCEDE DE VERIFICATION DES VIBRATIONS AU SOL ET DE MESURE DU POIDS ET DE L'EQUILIBRE**

[72] MILLER, MARK E., US
[72] DAVIS, GEORGE V., US
[71] THE BOEING COMPANY, US
[22] 2013-01-18
[41] 2013-10-17
[30] US (13/448,789) 2012-04-17

[21] **2,803,426**
[13] A1

[51] **Int.Cl. B65H 18/08 (2006.01) B65H 35/02 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR WINDING OF FIBER WEBS, ESPECIALLY OF PAPER AND BOARD WEBS**

[54] **PROCEDE ET DISPOSITIF POUR ENROULER DES BANDES FIBREUSES, NOTAMMENT DES BANDES DE PAPIER ET DE CARTON**

[72] HAAPANEN, JAAKKO, FI
[72] VIRTA, HENRY, FI
[72] FOHR, HEIKKI, FI
[71] METSO PAPER, INC., FI
[22] 2013-01-30
[41] 2013-10-16
[30] EP (EP12164212) 2012-04-16

[21] **2,804,565**
[13] A1

[51] **Int.Cl. C09K 3/14 (2006.01)**

[25] EN

[54] **MIXTURE AND METHOD FOR INCREASING TRACTION**

[54] **MELANGE ET PROCEDE PERMETTANT D'ACCROITRE LA TRACTION**

[72] BONNIZZIO, DOUGLAS J., US
[71] UNSTUCK, LLC, US
[22] 2013-02-01
[41] 2013-10-17
[30] US (13/506,406) 2012-04-17

[21] **2,804,844**
[13] A1

[51] **Int.Cl. B29C 70/08 (2006.01) B32B 5/12 (2006.01)**

[25] EN

[54] **COMPOSITE ARTICLES HAVING FIBERS WITH LONGITUDINALLY-VARYING GEOMETRY**

[54] **ARTICLES COMPOSITES POURVUS DE FIBRES A GEOMETRIE LONGITUDINALEMENT VARIABLE**

[72] KOZAR, MICHAEL P., US
[72] WILENSKI, MARK S., US
[71] THE BOEING COMPANY, US
[22] 2013-02-05
[41] 2013-10-19
[30] US (13/450,823) 2012-04-19

[21] **2,805,137**
[13] A1

[51] **Int.Cl. A23L 1/36 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR EVENLY DISTRIBUTING INCLUSIONS IN A NUT BUTTER BASE**

[54] **COMPOSITIONS ET PROCEDES POUR LA DISTRIBUTION EGALE D'INCLUSIONS DANS UNE BASE DE BEURRE DE NOIX**

[72] OLSEN, ANNA, US
[72] PLATA, MARIA, US
[72] LECLERC, VINCENT, CA
[72] SWEENEY, TREVOR, US
[72] MOCA, JUDITH GULTEN, US
[72] PARKER, ED, US
[72] CHAU, KIM, CA
[71] KRAFT FOODS GROUP BRANDS LLC, US
[22] 2013-02-06
[41] 2013-10-13
[30] US (61/624,058) 2012-04-13

[21] **2,805,145**
[13] A1

[51] **Int.Cl. H04W 92/02 (2009.01) H04W 84/00 (2009.01) H04W 88/16 (2009.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR USE IN FACILITATING COMMUNICATIONS OVER FIRST AND SECOND WIRELESS CONNECTIONS OF A WIRELESS TRANSCEIVER**

[54] **PROCEDE ET APPAREIL DESTINES A FACILITER LES COMMUNICATIONS PAR LA PREMIERE CONNEXION ET LA DEUXIEME CONNEXION SANS FIL D'UN EMETTEUR-RECEPTEUR SANS FIL**

[72] MONTEMURRO, MICHAEL PETER, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-06
[41] 2013-10-18
[30] EP (12164555.0) 2012-04-18

[21] **2,805,691**
[13] A1

[51] **Int.Cl. G03B 5/00 (2006.01) G02B 7/00 (2006.01)**

[25] EN

[54] **POSITIONING MECHANISM FOR ALIGNING AN OPTICAL DEVICE AND AN IMAGE SENSOR**

[54] **MECANISME DE POSITIONNEMENT POUR L'ALIGNEMENT D'UN APPAREIL OPTIQUE ET D'UN CAPTEUR D'IMAGE**

[72] ROZITIS, PETER, CA
[71] RAYTHEON CANADA LIMITED, CA
[22] 2013-02-11
[41] 2013-10-13
[30] US (13/446,553) 2012-04-13

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[21] **2,805,784**
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/21 (2006.01) H04L 12/16 (2006.01)**
 [25] EN
 [54] **WEB-BASED COLLABORATIVE DOCUMENT REVIEW SYSTEM**
 [54] **SYSTEME D'EXAMEN DE DOCUMENTS COLLABORATIFS SUR LE WEB**
 [72] WONG, SHARON, CA
 [72] WONG, BRIAN, CA
 [72] MOUKA, JACOB, CA
 [71] ZULIMAR CORPORATION INC., CA
 [22] 2013-02-13
 [41] 2013-10-19
 [30] US (13/450,908) 2012-04-19

[21] **2,807,382**
[13] A1

[51] **Int.Cl. H04N 7/30 (2006.01)**
 [25] EN
 [54] **MODIFIED CONTEXTS FOR LEVEL CODING OF VIDEO DATA**
 [54] **CONTEXTES MODIFIES POUR LE CODAGE PAR NIVEAU DE DONNEES VIDEO**
 [72] YU, XIANG, CA
 [72] WANG, JING, CA
 [72] HE, DAKE, CA
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-02-22
 [41] 2013-10-16
 [30] US (61/624,602) 2012-04-16

[21] **2,809,349**
[13] A1

[51] **Int.Cl. H04N 9/31 (2006.01) G03B 21/14 (2006.01)**
 [25] EN
 [54] **LASER LIGHT SOURCE PROJECTOR**
 [54] **PROJECTEUR A SOURCE DE LUMIERE LASER**
 [72] KURIAKI, MAKOTO, JP
 [72] TANAKA, YASUHIRO, JP
 [72] MIYANAGA, HISANOBU, JP
 [71] MITSUBISHI ELECTRIC CORPORATION, JP
 [22] 2013-03-11
 [41] 2013-10-17
 [30] JP (2012-093462) 2012-04-17

[21] **2,806,099**
[13] A1

[51] **Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) B64D 33/04 (2006.01) F02C 7/24 (2006.01) F15D 1/10 (2006.01)**
 [25] EN
 [54] **ANTI-VORTEX SHEDDING GENERATOR FOR APU SUPPORT**
 [54] **GENERATRICE AVEC REDUCTION DU DECOLLEMENT DE TOURBILLON POUR GROUPE AUXILIAIRE DE BORD**
 [72] FRANCISCO, JAY M., US
 [71] HAMILTON SUNDSTRAND CORPORATION, US
 [22] 2013-02-14
 [41] 2013-10-18
 [30] US (13/450,036) 2012-04-18

[21] **2,807,651**
[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 88/02 (2009.01)**
 [25] EN
 [54] **AUTOMATIC TRANSMIT MODE SELECTION FOR A COMMUNICATION DEVICE**
 [54] **SELECTION D'UN MODE DE TRANSMISSION AUTOMATIQUE POUR APPAREIL DE COMMUNICATION**
 [72] PATINO, JOSEPH, US
 [72] BERRIZ, SERGIO JAVIER, US
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-02-26
 [41] 2013-10-16
 [30] EP (12164249.0) 2012-04-16

[21] **2,809,452**
[13] A1

[51] **Int.Cl. C30B 29/06 (2006.01) B65B 1/04 (2006.01) B65B 29/00 (2006.01) C01B 33/02 (2006.01) C01B 33/021 (2006.01) C30B 29/60 (2006.01) C30B 33/00 (2006.01)**
 [25] EN
 [54] **PACKING OF POLYCRYSTALLINE SILICON**
 [54] **CONDITIONNEMENT DE SILICIUM POLYCRISTALLIN**
 [72] MATTES, JOACHIM, DE
 [72] LICHTENEGGER, BRUNO, DE
 [72] VIETZ, MATTHIAS, AT
 [71] WACKER CHEMIE AG, DE
 [22] 2013-03-14
 [41] 2013-10-17
 [30] DE (10 2012 206 251.3) 2012-04-17

[21] **2,806,953**
[13] A1

[51] **Int.Cl. F16C 3/02 (2006.01) F02C 7/06 (2006.01) F02C 7/28 (2006.01) F16C 33/72 (2006.01) F16J 15/34 (2006.01)**
 [25] EN
 [54] **SHAFT WITH SHOULDER AND GROOVE**
 [54] **ARBRE AVEC EPAULEMENT ET GORGE**
 [72] FRANCISCO, JAY M., US
 [72] JO, JANG Y., US
 [72] GORAJSKI, MATTHEW, US
 [71] HAMILTON SUNDSTRAND CORPORATION, US
 [22] 2013-02-14
 [41] 2013-10-13
 [30] US (13/446,349) 2012-04-13

[21] **2,808,987**
[13] A1

[51] **Int.Cl. F16F 7/10 (2006.01) B64C 27/00 (2006.01) F16F 9/46 (2006.01) F16F 15/02 (2006.01)**
 [25] EN
 [54] **SELF TUNING VIBRATION ABSORBER**
 [54] **ABSORBEUR DE VIBRATION AUTO-REGLABLE**
 [72] SEIFERT, MICHAEL, US
 [72] STAMPS, FRANK B., US
 [72] SMITH, MICHAEL R., US
 [72] HEVERLY, DAVID E., US
 [71] BELL HELICOPTER TEXTRON INC., US
 [22] 2013-03-05
 [41] 2013-10-18
 [30] US (13/450,060) 2012-04-18

[21] **2,809,473**
[13] A1

[51] **Int.Cl. A61K 47/04 (2006.01) A61K 9/08 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01)**
 [25] EN
 [54] **STABILIZED KETOROLAC COMPOSITIONS**
 [54] **COMPOSITIONS DE KETOROLAC STABILISE**
 [72] LAWRENCE, RICHARD P., US
 [71] LUITPOLD PHARMACEUTICALS, INC., US
 [22] 2013-03-14
 [41] 2013-10-17
 [30] US (61/625,611) 2012-04-17

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[21] **2,809,806**
[13] A1

[51] **Int.Cl. A01B 15/12 (2006.01) B25G 1/00 (2006.01)**
[25] EN
[54] **TURN COLLAR FULCRUM HANDLE SYSTEM**
[54] **SYSTEME DE POIGNEE AVEC AXE DE PIVOT**
[72] LONGLEY, MARK KENNETH, CA
[72] LONGLEY, ANNE MARGARET, CA
[71] MARLON HOLDINGS INC., CA
[22] 2013-03-18
[41] 2013-10-17
[30] US (61/625,566) 2012-04-17

[21] **2,809,961**
[13] A1

[51] **Int.Cl. G01D 18/00 (2006.01) G01R 35/00 (2006.01)**
[25] EN
[54] **GENERIC AND SECURE AMI END DEVICE CONFIGURATION**
[54] **CONFIGURATION GNERIQUE ET SECURISEE D'UN APPAREIL FINAL AMI (INFRASTRUCTURE RELATIVE AU COMPTEURS AVANCES)**
[72] KELLEY, RAYMOND H., US
[72] SCOGGINS, SEAN M., US
[72] MASON, ROBERT T., JR., US
[72] COLONNA, DONATO, US
[72] ROGERS, RICHARD, US
[71] ELSTER SOLUTIONS, LLC, US
[22] 2013-03-19
[41] 2013-10-13
[30] US (13/446,569) 2012-04-13

[21] **2,809,976**
[13] A1

[51] **Int.Cl. B64C 27/473 (2006.01) B64C 27/46 (2006.01)**
[25] FR
[54] **AERODYNAMIC LOAD-BEARING SURFACE OF AN AIRCRAFT, AND AIRCRAFT EQUIPPED WITH SAID AERODYNAMIC LOAD-BEARING SURFACE**
[54] **SURFACE AERODYNAMIQUE PORTANTE D'AERONEF, ET AERONEF MUNI DE LADITE SURFACE AERODYNAMIQUE PORTANTE**
[72] LECERF, LUC, FR
[72] MOREAU, VINCENT, FR
[72] MARANINCHI, XAVIER, FR
[72] SICARD, JEAN-CHARLES, FR
[71] EUROCOPTER, FR
[22] 2013-03-13
[41] 2013-10-19
[30] FR (12 01151) 2012-04-19

[21] **2,810,033**
[13] A1

[51] **Int.Cl. A01K 27/00 (2006.01)**
[25] EN
[54] **PET COLLAR AND LOCKING SLIDE LENGTH ADJUSTER THEREFOR**
[54] **COLLIER POUR ANIMAL DE COMPAGNIE ET DISPOSITIF COULISSANT VERROUILLABLE POUR AJUSTER LA LONGUEUR DUDIT COLLIER**
[72] HOLT, ROBERT C., JR., US
[71] COASTAL PET PRODUCTS, INC., US
[22] 2013-03-20
[41] 2013-10-13
[30] US (61/623,631) 2012-04-13
[30] US (13/769,876) 2013-02-19

[21] **2,810,122**
[13] A1

[51] **Int.Cl. A01D 61/00 (2006.01)**
[25] EN
[54] **AGRICULTURAL CONVEYOR WITH CARRIAGE ROLLER ATTACHMENT**
[54] **CONVOYEUR AGRICOLE AVEC ROULEAU DE TRANSPORT**
[72] HOUSSIAN, TERRY D., CA
[72] ZAZULA, BRADLEY M., CA
[71] MERIDIAN MANUFACTURING INC., CA
[22] 2013-03-18
[41] 2013-10-16
[30] US (61/624,488) 2012-04-16

[21] **2,810,165**
[13] A1

[51] **Int.Cl. C30B 29/06 (2006.01) C30B 28/14 (2006.01)**
[25] EN
[54] **GRANULAR POLYCRYSTALLINE SILICON AND PRODUCTION THEREOF**
[54] **SILICIUM POLYCRISTALLIN GRANULAIRE ET PRODUCTION DE CELUI-CI**
[72] WECKESSER, DIRK, DE
[72] HAUSWIRTH, RAINER, DE
[71] WACKER CHEMIE AG, DE
[22] 2013-03-21
[41] 2013-10-19
[30] DE (10 2012 206 439.7) 2012-04-19

[21] **2,810,174**
[13] A1

[51] **Int.Cl. F16B 12/50 (2006.01) A47B 96/00 (2006.01) F16B 2/22 (2006.01) F16B 12/38 (2006.01)**
[25] EN
[54] **CORNER INSERT FOR SHEET PANEL ASSEMBLY**
[54] **GARNITURE EN COIN POUR PANNEAU**
[72] CARR, CASEY, US
[72] JUSTIS, MICHAEL, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2013-03-21
[41] 2013-10-13
[30] US (13/445,961) 2012-04-13

[21] **2,810,617**
[13] A1

[51] **Int.Cl. C09D 7/12 (2006.01) B01F 17/42 (2006.01) C09D 5/02 (2006.01)**
[25] EN
[54] **AQUEOUS COATING COMPOSITIONS INCLUDING PHENYLPHENOL ETHOXYLATE SURFACTANTS**
[54] **COMPOSITIONS DE REVETEMENT AQUEUSES COMPRENANT DES TENSIOACTIFS D'ETHOXYLATE DE PHENYLPHENOL**
[72] GRAF, IRINA V., US
[72] RAND, CYNTHIA L., US
[72] KRASOVSKIY, ARKADY L., US
[71] THE DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2013-03-27
[41] 2013-10-18
[30] US (61/625,747) 2012-04-18

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[21] **2,810,620**
[13] A1

[51] **Int.Cl. H05B 3/16 (2006.01) H05B 3/06 (2006.01)**
[25] EN
[54] **MULTIPLE STAGE OPEN COIL ELECTRIC RESISTANCE HEATER WITH BALANCED COIL POWER ARRANGEMENT AND HEATER COOL END TERMINATION AND METHOD OF USE**
[54] **APPAREIL DE CHAUFFAGE A RESISTANCES ELECTRIQUES A BOBINES OUVERTES ET ETAGEES AVEC DISPOSITION EQUILIBREE DES BOBINES ET TERMINAISONS SUR PARTIE FROIDE DE L'APPAREIL, ET METHODE D'UTILISATION**
[72] LOLLAR, JAMES PATRICK, US
[71] TUTCO, INC., US
[22] 2013-03-26
[41] 2013-10-18
[30] US (61/625,752) 2012-04-18
[30] US (13/755,488) 2013-01-31

[21] **2,811,509**
[13] A1

[51] **Int.Cl. D21D 1/30 (2006.01)**
[25] EN
[54] **REVERSIBLE LOW ENERGY REFINER PLATES**
[54] **PLAQUES DE RAFFINEUR REVERSIBLES A FAIBLE CONSOMMATION D'ENERGIE**
[72] GINGRAS, LUC, GB
[71] ANDRITZ INC., US
[22] 2013-04-04
[41] 2013-10-13
[30] US (61/623,784) 2012-04-13
[30] US (13/849,267) 2013-03-22

[21] **2,811,560**
[13] A1

[51] **Int.Cl. G02F 1/13357 (2006.01) G07F 17/32 (2006.01) G09G 3/36 (2006.01) G09G 5/10 (2006.01)**
[25] EN
[54] **BACKLIGHT FOR VIDEO DISPLAY**
[54] **RETROECLAIRAGE POUR ECRAN**
[72] GRISWOLD, CHAUNCEY W., US
[72] SILVA, GREGORY A., US
[72] FRANICH, MATTHEW A., US
[72] EMSLIE, JAMES STEPHEN, US
[71] IGT, US
[22] 2013-04-03
[41] 2013-10-17
[30] US (13/449,168) 2012-04-17

[21] **2,811,816**
[13] A1

[51] **Int.Cl. F23G 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHANGING PUMPS FOR FEEDSTOCK SUPPLY SYSTEM**
[54] **SYSTEME ET PROCEDE PERMETTANT DE CHANGER LES POMPES D'UN SYSTEME DE DISTRIBUTION DE MATIERE PREMIERE**
[72] TYREE, RONALD FREDERICK, US
[72] VILLA, CHRIS JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-04-04
[41] 2013-10-17
[30] US (13/449,281) 2012-04-17

[21] **2,811,818**
[13] A1

[51] **Int.Cl. F02C 9/18 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **HIGH BLEED FLOW MUFFLING SYSTEM**
[54] **SYSTEME POUR ASSOURDIR LE BRUIT A ECOULEMENT RAPIDE**
[72] HAUGEN, CHRISTINA GRANGER MORRISSEY, US
[72] POTOKAR, CHRISTOPHER JON, US
[72] KLASING, KEVIN SAMUEL, US
[72] PROCTOR, ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-04-04
[41] 2013-10-17
[30] US (13/448,470) 2012-04-17

[21] **2,811,821**
[13] A1

[51] **Int.Cl. F02C 6/08 (2006.01) F02C 6/04 (2006.01) F02C 9/18 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **MODULAR LOUVER SYSTEM**
[54] **SYSTEME MODULAIRE DE GRILLES D'AERATION**
[72] HAUGEN, CHRISTINA GRANGER MORRISSEY, US
[72] FINTEL, BRADLEY WILLIS, US
[72] GREEN, BRIAN RICHARD, US
[72] KLASING, KEVIN SAMUEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-04-04
[41] 2013-10-17
[30] US (13/448,517) 2012-04-17

[21] **2,811,835**
[13] A1

[51] **Int.Cl. B01D 53/26 (2006.01)**
[25] EN
[54] **REVERSE COOLING DESICCANT REGENERATION**
[54] **REGENERATION D'UN PRODUIT DESHYDRATANT POUR LE REFROIDISSEMENT INVERSE**
[72] BLASZKOWIAK, DANIEL, US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2013-04-02
[41] 2013-10-16
[30] US (61/624,501) 2012-04-16
[30] US (13/833,720) 2013-03-15

[21] **2,811,852**
[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01) B64D 47/00 (2006.01) G09G 3/20 (2006.01)**
[25] EN
[54] **APPARATUS FOR AIRCRAFT DUAL CHANNEL DISPLAY**
[54] **APPAREIL POUR AFFICHAGE DOUBLE CANAUX D'AERONEF**
[72] BUSHELL, MARK ANTHONY, GB
[72] EDDY, BRETT ALLEN, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2013-04-04
[41] 2013-10-16
[30] GB (1206654.4) 2012-04-16

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[21] **2,811,899**
[13] A1

[51] **Int.Cl. B65D 41/00 (2006.01) B65D 55/06 (2006.01)**
[25] EN
[54] **CAP, CAP/CONTAINER COMBINATION**
[54] **BOUCHONS ET CONTENANT POUR LESDITS BOUCHONS**
[72] REINDERS, ROBERT C., US
[71] REINDERS, ROBERT C., US
[22] 2013-04-09
[41] 2013-10-16
[30] US (61/624,664) 2012-04-16
[30] US (13/464,485) 2012-05-04

[21] **2,811,902**
[13] A1

[51] **Int.Cl. A61B 6/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'IMAGE**
[72] YOON, HEE-CHUL, KR
[72] LEE, HYUN-TAEK, KR
[72] JUNG, HAE-KYUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2013-04-08
[41] 2013-10-19
[30] US (61/635,425) 2012-04-19
[30] KR (10-2012-0117913) 2012-10-23

[21] **2,812,101**
[13] A1

[51] **Int.Cl. F16B 7/06 (2006.01) F16B 1/00 (2006.01) F16B 7/18 (2006.01) F16B 12/50 (2006.01)**
[25] EN
[54] **FRAMING CONNECTOR**
[54] **RACCORD DE CHARPENTE**
[72] MITROVIC, MILAN, CA
[71] MITROVIC, MILAN, CA
[22] 2013-04-10
[41] 2013-10-18
[30] US (13/450,163) 2012-04-18

[21] **2,812,247**
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **EXCAVATOR FASTENER**
[54] **PIECE DE FIXATION POUR EXCAVATRICE**
[72] KNIGHT, GARRETT D., CA
[71] RAPTOR MINING PRODUCTS INC., CA
[22] 2013-04-10
[41] 2013-10-13
[30] US (61.686,846) 2012-04-13

[21] **2,812,248**
[13] A1

[51] **Int.Cl. A01K 27/00 (2006.01)**
[25] EN
[54] **MAGNETIC BUCKLE FOR A PET COLLAR OR THE LIKE**
[54] **BOUCLE AIMANTEE POUR COLLIER D'ANIMAUX OU AUTRE OBJET SEMBLABLE**
[72] HOLT, ROBERT C., JR., US
[71] COASTAL PET PRODUCTS, INC., US
[22] 2013-04-11
[41] 2013-10-13
[30] US (61/623,624) 2012-04-13
[30] US (13/793,004) 2013-03-11

[21] **2,812,255**
[13] A1

[51] **Int.Cl. A47G 23/02 (2006.01) A47J 45/10 (2006.01) B65D 25/34 (2006.01)**
[25] EN
[54] **ANTI-LOOSE THERMAL INSULATION CUP SLEEVE WITH REVERSE DAMPING STRUCTURE**
[54] **MANCHON ISOLE POUR TASSE AVEC DISPOSITIF ANTI-GLISSEMENT**
[72] YANG, TAI-HER, TW
[72] YANG, CHUN-RONG, TW
[71] YANG, TAI-HER, TW
[22] 2013-04-10
[41] 2013-10-13
[30] US (13/446,208) 2012-04-13

[21] **2,812,303**
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **A SINGLE SOLVENT METHOD AND MACHINE FOR SEPARATING BITUMENT FROM OIL SAND**
[54] **PROCEDE A SOLVANT UNIQUE ET MACHINE POUR SEPARER LE BITUME DES SABLES BITUMINEUX**
[72] FLEGAL, MICHAEL JAMES, CA
[71] FLEGAL, MICHAEL JAMES, CA
[22] 2013-04-02
[41] 2013-10-13
[30] US (61/623,916) 2012-04-13

[21] **2,812,326**
[13] A1

[51] **Int.Cl. H04M 3/523 (2006.01) H04N 21/40 (2011.01)**
[25] EN
[54] **COMMUNICATION DEVICE FOR ESTABLISHING AUTOMATED CALL BACK USING QUEUES**
[54] **DISPOSITIF DE COMMUNICATION PERMETTANT D'ETABLIR UN RAPPEL AUTOMATISE A L'AIDE D'UNE FILE D'ATTENTE**
[72] WILLIAMS, MARK J., US
[72] CAMULLI, ERIC, US
[72] MINER, LARRY, US
[72] BRAZIER, ROB, US
[71] VIRTUAL HOLD TECHNOLOGY, LLC, US
[22] 2013-04-12
[41] 2013-10-13
[30] US (13/446,923) 2012-04-13

[21] **2,812,329**
[13] A1

[51] **Int.Cl. B27B 7/00 (2006.01)**
[25] EN
[54] **LUMBER EDGER AND METHOD OF EDGE CUTTING LUMBER**
[54] **DELIGNAGE ET PROCEDE DE DELIGNAGE DU BOIS D'OEUVRE**
[72] WILKINS, BILL, US
[72] RAYBON, CHRIS, US
[72] KENNEDY, RUSSELL, US
[72] CONRY, PAT, US
[71] BAXLEY EQUIPMENT CO., US
[22] 2013-04-12
[41] 2013-10-13
[30] US (61/624,151) 2012-04-13
[30] US (13/860,727) 2013-04-11

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[21] **2,812,332**
[13] A1

[51] **Int.Cl. C09K 5/06 (2006.01) C08J 3/20 (2006.01) C08K 3/04 (2006.01) C08K 3/36 (2006.01) C08L 23/10 (2006.01) C08L 71/02 (2006.01) C08L 85/02 (2006.01) C09K 21/14 (2006.01)**

[25] EN

[54] **COMPOSITE PHASE CHANGE MATERIAL**

[54] **MATERIAUX A CHANGEMENT DE PHASE COMPOSITES**

[72] YANG, DEZHONG, CN

[72] DU, HAO, CN

[72] SHUANG, JIANJUN, CN

[71] CHERVON (HK) LIMITED, HK

[22] 2013-04-12

[41] 2013-10-13

[30] CN (201210107991.4) 2012-04-13

[30] US (13/860,922) 2013-04-11

[21] **2,812,457**
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0481 (2013.01)**

[25] EN

[54] **METHOD AND DEVICE HAVING TOUCHSCREEN KEYBOARD WITH VISUAL CUES**

[54] **PROCEDE ET APPAREIL A ECRAN TACTILE AVEC INDICES VISUELS**

[72] GRIFFIN, JASON TYLER, CA

[72] HAMILTON, ALISTAIR ROBERT, CA

[72] PASQUERO, JEROME, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-04-12

[41] 2013-10-16

[30] EP (12164300.1) 2012-04-16

[30] US (13/447,704) 2012-04-16

[21] **2,812,463**
[13] A1

[51] **Int.Cl. B65D 30/08 (2006.01) B65D 85/72 (2006.01)**

[25] EN

[54] **BAG FOR THE CONTAINING OF GAS-PRODUCING LIQUID PRODUCTS, IN PARTICULAR YEAST**

[54] **SAC POUR PRODUITS LIQUIDES PRODUISANT DES GAZ, PARTICULIEREMENT LA LEVURE**

[72] GOGLIO, FRANCO, IT

[72] BOTTINI, GIORGIO, IT

[72] FANTONI, LUCA, IT

[71] GOGLIO S.P.A., IT

[22] 2013-04-16

[41] 2013-10-18

[30] IT (MI2012A 000648) 2012-04-18

[21] **2,812,441**
[13] A1

[51] **Int.Cl. G09B 29/00 (2006.01) H04W 4/02 (2009.01) G06F 3/0481 (2013.01)**

[25] EN

[54] **ELECTRONIC MAP GENERATION**

[54] **GENERATION DE CARTES ELECTRONIQUES**

[72] FENDLEY, TIMOTHY BRIAN, GB

[71] LIVING MAP LIMITED, GB

[22] 2013-04-12

[41] 2013-10-17

[30] GB (1206752.6) 2012-04-17

[21] **2,812,459**
[13] A1

[51] **Int.Cl. B65D 63/16 (2006.01) B65D 67/02 (2006.01) F16B 2/08 (2006.01) F16G 11/10 (2006.01) F16L 3/137 (2006.01) F16L 33/03 (2006.01)**

[25] EN

[54] **FASTENER AND FASTENER SYSTEM**

[54] **DISPOSITIF ET SYSTEME DE FIXATION**

[72] WHEELWRIGHT, TROY, US

[71] WHEELWRIGHT, TROY, US

[22] 2013-04-16

[41] 2013-10-16

[30] US (61/624,536) 2012-04-16

[30] US (61/665,391) 2012-06-28

[21] **2,812,473**
[13] A1

[51] **Int.Cl. F16D 7/00 (2006.01) A47K 3/00 (2006.01) A61H 35/00 (2006.01) F16D 27/01 (2006.01) H02K 7/14 (2006.01) H02K 49/10 (2006.01)**

[25] EN

[54] **INDUCTIVE COUPLING**

[54] **COUPLAGE INDUCTIF**

[72] TRAN, MINH SANG, CA

[72] ALEXANDER, CHRIS, CA

[71] TRAN, MINH SANG, CA

[71] ALEXANDER, CHRIS, CA

[22] 2013-04-12

[41] 2013-10-13

[30] US (61/623,649) 2012-04-13

[21] **2,812,448**
[13] A1

[51] **Int.Cl. H01Q 3/20 (2006.01) H01Q 1/24 (2006.01)**

[25] EN

[54] **MULTIPLE-REFLECTOR ANTENNA FOR TELECOMMUNICATIONS SATELLITES**

[54] **ANTENNE A REFLECTEURS MULTIPLES POUR SATELLITES DE TELECOMMUNICATIONS**

[72] BROSSIER, JEROME, FR

[72] SCHREIDER, LUDOVIC, FR

[72] DEPEYRE, SERGE, FR

[72] CADIERGUES, LAURENT, FR

[71] THALES, FR

[71] CENTRE NATIONAL D'ETUDE SPATIALES (CNES), FR

[22] 2013-04-12

[41] 2013-10-13

[30] FR (1201099) 2012-04-13

[21] **2,812,477**
[13] A1

[51] **Int.Cl. A47C 27/07 (2006.01) A47C 27/05 (2006.01)**

[25] EN

[54] **LINKED COIL MATTRESS ASSEMBLY**

[54] **MATELAS A RESSORTS RELIES**

[72] ROMA, JOHN K., US

[72] DEBOY, TIMOTHY D., US

[71] OTIS BED MANUFACTURING COMPANY, INC., US

[22] 2013-04-16

[41] 2013-10-18

[30] US (61/635,088) 2012-04-18

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[21] **2,812,483**
[13] A1

[51] **Int.Cl. B65D 81/26 (2006.01) B65D 30/08 (2006.01)**
[25] EN
[54] **BAG FOR THE CONTAINING OF LIQUID PRODUCTS EMANATING GAS, IN PARTICULAR YEAST**
[54] **SAC POUR PRODUITS LIQUIDES PRODUISANT DES GAZ, PARTICULIEREMENT LA LEVURE**
[72] GOGGIO, FRANCO, IT
[72] BOTTINI, GIORGIO, IT
[72] FANTONI, LUCA, IT
[71] GOGGIO S.P.A., IT
[22] 2013-04-16
[41] 2013-10-18
[30] IT (MI2012A 000647) 2012-04-18

[21] **2,812,486**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIGURABLE DEPLOYMENT OF TRANSIT AGENCY CONTENT**
[54] **SYSTEME ET PROCEDE PERMETTANT LE DEPLOIEMENT CONFIGURABLE DU CONTENU D'UNE AGENCE DE TRANSIT**
[72] GODDARD, MATTHEW CARL, CA
[72] PAYNE, BRUCE, CA
[72] GAVIN, DAVID, CA
[72] BOWN, DAMIAN, GB
[71] TRAPEZE SOFTWARE ULC, CA
[22] 2013-04-12
[41] 2013-10-13
[30] US (61/623,991) 2012-04-13

[21] **2,812,490**
[13] A1

[51] **Int.Cl. C07D 453/02 (2006.01) C07C 327/28 (2006.01) C07D 327/04 (2006.01)**
[25] EN
[54] **1,3-OXATHIOLANE DERIVATIVES, PROCESS FOR THE PREPARATION OF 1,3-OXATHIOLANE DERIVATIVES AND INTERMEDIATES THEREOF**
[54] **DERIVES DE 1,3OXATHIOLANE, PROCEDE DE PREPARATION DESDITS DERIVES ET INTERMEDIAIRES DE CEUX-CI**
[72] STEWART, CRAIG, CA
[72] JOHANSEN, MICHAEL B., CA
[72] DATTA, PROBAL KANTI, CA
[72] ZHAO, YAJUN, CA
[71] APOTEX PHARMACHEM INC., CA
[22] 2013-04-12
[41] 2013-10-13
[30] US (61/623,859) 2012-04-13

[21] **2,812,491**
[13] A1

[51] **Int.Cl. A23G 9/38 (2006.01) A23G 9/04 (2006.01) A23G 9/44 (2006.01) A23L 1/305 (2006.01) A61K 35/20 (2006.01) A61P 21/06 (2006.01)**
[25] EN
[54] **SUPPLEMENT BAR**
[54] **COMPLEMENT ALIMENTAIRE EN BARRE**
[72] HALLABY, STEVE, AU
[71] HALLABY, STEVE, AU
[22] 2013-04-12
[41] 2013-10-13
[30] AU (2012901457) 2012-04-13

[21] **2,812,494**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06F 9/44 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIGURABLE DEPLOYMENT OF TRANSIT AGENCY CONTENT**
[54] **SYSTEME ET PROCEDE PERMETTANT LE DEPLOIEMENT CONFIGURABLE DU CONTENU D'UNE AGENCE DE TRANSIT**
[72] GODDARD, MATTHEW CARL, CA
[72] PAYNE, BRUCE, CA
[72] GAVIN, DAVID, CA
[72] BOWN, DAMIAN, GB
[71] TRAPEZE SOFTWARE ULC., CA
[22] 2013-04-12
[41] 2013-10-13
[30] US (61/623,991) 2012-04-13

[21] **2,812,503**
[13] A1

[51] **Int.Cl. B60S 9/04 (2006.01) B62D 53/00 (2006.01)**
[25] EN
[54] **POWER DRIVE FOR LANDING GEAR**
[54] **DISPOSITIF D'ENTRAINEMENT POUR TRAIN D'ATERRISSAGE**
[72] OUELLET, JEAN-FRANCOIS, CA
[71] OUELLET, JEAN-FRANCOIS, CA
[22] 2013-04-15
[41] 2013-10-18
[30] US (61/687,070) 2012-04-18

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[21] **2,812,561**
[13] A1

[51] **Int.Cl. H02H 7/00 (2006.01) B63J 99/00 (2009.01) H02H 7/06 (2006.01) H02H 7/26 (2006.01)**

[25] EN

[54] **FAULT PROTECTION SYSTEM FOR A POWER SYSTEM OF DYNAMICALLY POSITIONED VESSEL**

[54] **SYSTEME DE PROTECTION EN CAS DE DEFAUT POUR LE SYSTEME D'ALIMENTATION D'UN NAVIRE A POSITION DYNAMIQUE**

[72] ANDERSEN, RUNE B., NO
[72] BLYSTAD, SVEIN, NO
[72] HAUKAAS, INGE, NO
[72] KOENIG, GUNNAR, NO
[72] RADAN, DAMIR, NO
[72] SETTEMSDAL, STIG OLAV, NO
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[22] 2013-04-15
[41] 2013-10-17
[30] EP (12164471.0) 2012-04-17

[21] **2,812,562**
[13] A1

[51] **Int.Cl. H02H 7/26 (2006.01) B63H 21/21 (2006.01) B63H 23/32 (2006.01) B63H 25/42 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **FAULT PROTECTION SYSTEM FOR A POWER SYSTEM OF DYNAMICALLY POSITIONED VESSEL**

[54] **SYSTEME DE PROTECTION EN CAS DE DEFAUT POUR LE SYSTEME D'ALIMENTATION D'UN NAVIRE A POSITION DYNAMIQUE**

[72] ANDERSEN, RUNE B., NO
[72] BLYSTAD, SVEIN, NO
[72] HAUKAAS, INGE, NO
[72] KOENIG, GUNNAR, NO
[72] RADAN, DAMIR, NO
[72] SETTEMSDAL, STIG OLAV, NO
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[22] 2013-04-15
[41] 2013-10-17
[30] EP (12164474.4) 2012-04-17

[21] **2,812,571**
[13] A1

[51] **Int.Cl. H04L 12/717 (2013.01) H04L 29/06 (2006.01)**

[25] EN

[54] **ORIGINATION AND DESTINATION BASED ROUTING**

[54] **ACHEMINEMENT D'APPELS EN FONCTION DE L'ORIGINE ET DE LA DESTINATION**

[72] KAUSHAL, ARVIND, US
[72] BOONE, JON, US
[72] SHERMAN, BRETT, US
[72] WIKOFF, RICHARD, US
[72] JIMENEZ, JAIME, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2013-04-15
[41] 2013-10-16
[30] US (13/447,699) 2012-04-16

[21] **2,812,577**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/24 (2006.01) A61L 15/56 (2006.01) A61L 15/58 (2006.01)**

[25] EN

[54] **WOUND DRESSING**

[54] **PANSEMENT**

[72] FERRIS, MATTHEW G., US
[71] FERRIS, MATTHEW G., US

[22] 2013-04-15
[41] 2013-10-19
[30] US (61/635,320) 2012-04-19
[30] US (13/861,687) 2013-04-12

[21] **2,812,582**
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01) E21B 49/08 (2006.01)**

[25] EN

[54] **METHOD FOR CONTINUOUS GAS ANALYSIS**

[54] **PROCEDE PERMETTANT L'ANALYSE CONTINUE DES GAZ**

[72] SELMAN, THOMAS H., US
[72] JENNINGS, MATTHEW J., US
[72] BERGMAN, STEPHEN M., US
[71] SELMAN AND ASSOCIATES, LTD., US

[22] 2013-04-17
[41] 2013-10-17
[30] US (61/625,376) 2012-04-17
[30] US (13/864,021) 2013-04-16

[21] **2,812,584**
[13] A1

[51] **Int.Cl. G09B 5/00 (2006.01)**

[25] EN

[54] **COMPUTING DEVICE-BASED EDUCATIONAL CONTENT DELIVERY SYSTEM**

[54] **SYSTEME DE PRESENTATION DE CONTENU EDUCATIF SUR DISPOSITIF INFORMATIQUE**

[72] KEARNS, SUZANNE, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA

[22] 2013-04-17
[41] 2013-10-17
[30] US (61/625,389) 2012-04-17

[21] **2,812,587**
[13] A1

[51] **Int.Cl. G01N 1/28 (2006.01) E21B 49/00 (2006.01) E21B 49/08 (2006.01) G01N 1/38 (2006.01) G01N 33/28 (2006.01)**

[25] EN

[54] **GAS TRAP WITH GAS ANALYZER SYSTEM FOR CONTINUOUS GAS ANALYSIS**

[54] **PIEGE A GAZ AVEC SYSTEME D'ANALYSE DES GAZ POUR ASSURER L'ANALYSE CONTINUE DES GAZ**

[72] SELMAN, THOMAS H., US
[72] JENNINGS, MATTHEW J., US
[72] BERGMAN, STEPHEN M., US
[71] SELMAN AND ASSOCIATES, LTD., US

[22] 2013-04-17
[41] 2013-10-17
[30] US (61/625,384) 2012-04-17
[30] US (13/864,067) 2013-04-16

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[21] **2,812,591**
[13] A1

[51] **Int.Cl. F03D 9/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **WIND TURBINE WITH A PRIMARY AND A SECONDARY GENERATOR AND METHOD OF OPERATING SUCH WIND TURBINE**
[54] **EOLIENNE MUNIE D'UNE GENERATRICE PRIMAIRE ET D'UNE GENERATRICE SECONDAIRE ET METHODE DE FONCTIONNEMENT DE LADITE TURBINE**
[72] ZHU, HONGDONG, DK
[71] ENVISION ENERGY (DENMARK) APS, DK
[22] 2013-04-15
[41] 2013-10-16
[30] DK (PA 2012 70189) 2012-04-16

[21] **2,812,678**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61D 99/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CLASSIFYING RESPIRATORY AND OVERALL HEALTH STATUS OF AN ANIMAL**
[54] **SYSTEME ET PROCEDE POUR CLASSIFIER LA SANTE RESPIRATOIRE ET L'ETAT DE SANTE GLOBAL D'UN ANIMAL**
[72] WHITE, BRAD J., US
[72] GOEHL, DAN R., US
[71] PROFESSIONAL BEEF SERVICES, LLC, US
[22] 2013-04-17
[41] 2013-10-18
[30] US (13/449,671) 2012-04-18
[30] US (13/863,561) 2013-04-16

[21] **2,812,687**
[13] A1

[51] **Int.Cl. G01J 3/42 (2006.01)**
[25] EN
[54] **COMPUTER IMPLEMENTED METHOD FOR ANALYZING A GAS SAMPLE USING AN INLINE GAS ANALYZER**
[54] **METHODE INFORMATIQUE POUR L'ANALYSE D'UN ECHANTILLON DE GAZ AU MOYEN D'UN ANALYSEUR DE GAZ EN LIGNE**
[72] SELMAN, THOMAS H., US
[72] JENNINGS, MATTHEW J., US
[72] BERGMAN, STEPHEN M., US
[71] SELMAN AND ASSOCIATES, LTD., US
[22] 2013-04-17
[41] 2013-10-17
[30] US (61/625,357) 2012-04-17
[30] US (13/863,970) 2013-04-16

[21] **2,812,647**
[13] A1

[51] **Int.Cl. H01M 2/10 (2006.01) H01M 10/50 (2006.01)**
[25] EN
[54] **BATTERY PACK SYSTEM**
[54] **SYSTEME DE BATTERIES**
[72] MUSETTI, LOUIS JACK, US
[71] VECTURE INC, CA
[22] 2013-04-16
[41] 2013-10-17
[30] US (13/449,197) 2012-04-17

[21] **2,812,680**
[13] A1

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[72] SCHAEFER, DAVE, US
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[72] DIMMER, JERRY, US
[71] STRATEGIC RAIL SYSTEMS COMPANY, US
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[54] **APPAREIL DE FORAGE PERMETTANT L'ANALYSE CONTINUE DES GAZ**
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[72] JENNINGS, MATTHEW J., US
[72] BERGMAN, STEPHEN M., US
[71] SELMAN AND ASSOCIATES, LTD., US
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[72] GRUNWALD, STEVEN, US
[72] KYLE, JONATHAN, US
[72] HILL, ROBERT D., US
[71] KOHLER CO., US
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[54] **APPAREIL POUR DETECTER UNE DENSITE DE TONER D'UN REVELATEUR LIQUIDE**

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[72] HARADA, KOTARO, JP

[72] MERA, SUMITO, JP

[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP

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[54] **CHARIOT ELEVATEUR A FOURCHE TRANSPORTABLE ET METHODE DE FONCTIONNEMENT**

[72] MCGRANE, BARRY, IE

[72] TURNBULL, KEVIN, IE

[71] CARGOTEC RESEARCH & DEVELOPMENT IRELAND LIMITED, IE

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[54] **METHOD AND SYSTEM FOR REGULATING POWER OF AN ELECTRICITY GRID SYSTEM**

[54] **PROCEDE ET METHODE DE REGULATION DU COURANT DANS UN RESEAU ELECTRIQUE**

[72] VELTRI, JEFFREY ALLAN, CA

[71] TEMPORAL POWER LTD., CA

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[54] **COVER FOR ACTUATING A MOBILE ELECTRONIC DEVICE SENSOR**

[54] **COUVERCLE POUR ACTIONNER UN CAPTEUR DE DISPOSITIF ELECTRONIQUE MOBILE**

[72] ALDANA, LEONARDO, CA

[71] RESEARCH IN MOTION LIMITED, CA

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[25] EN

[54] **APPARATUS AND METHOD FOR INSTALLING A FLUID STORAGE TANK**

[54] **APPAREIL ET PROCEDE POUR L'INSTALLATION D'UN RESERVOIR DE STOCKAGE DE FLUIDES**

[72] SCHNEIDER, WILLIAM A., US

[72] WIEGAND, JOSEPH R., US

[71] CONTAINMENT SOLUTIONS, INC., US

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[72] SOLLAMI, JIMMIE L., US

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[54] **APPARATUS AND METHOD FOR POSITIONING A FLUID STORAGE TANK**

[54] **APPAREIL ET PROCEDE POUR LE POSITIONNEMENT D'UN RESERVOIR DE STOCKAGE DE FLUIDES**

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[54] **SYSTEM AND METHOD FOR MANAGING A VACATION PROPERTY EXCHANGE NETWORK**

[54] **SYSTEME ET PROCEDE DE GESTION D'UN RESEAU D'ECHANGE DE PROPRIETES DE VACANCES**

[72] MARTIN, GREGORY DAVID, CA

[72] MORRIS, BENJAMIN CHARLES KIRKHAM, CA

[72] BARLOW-BUSCH, ROBERT, CA

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[71] DEMEURE OPERATING COMPANY, LTD., CA

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[54] **APPAREIL ET PROCEDE DE NETTOYAGE DES PAROIS OU DU SOL**
[72] BROCK, ALBERT, DE
[71] RODINIA TECHNOLOGIES LTD., CY
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[54] **DISPOSITIF ET PROCEDE DE SUPPRESSION D'ECHOS FANTOMES DANS DES DONNEES DE FLUTE A PROFONDEUR VARIABLE**
[72] POOLE, GORDON, FR
[71] CGGVERITAS SERVICES SA, FR
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[54] **CORPS DE TUYAU FLEXIBLE ET SON PROCEDE DE PRODUCTION**
[72] HARRIES, IWAN RHYS, GB
[72] DODDS, NEVILLE, GB
[71] WELLSTREAM INTERNATIONAL LIMITED, GB
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[13] A1

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[72] DODDS, NEVILLE, GB
[72] GRAHAM, GEOFFREY STEPHEN, GB
[72] DAVIDSON, MICHELLE, GB
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[71] DALLAI ERNESTO SOCIETA' A RESPONSABILITA' LIMITATA, IT
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[72] SHOEMAKER, DAVE, US
[71] GETMAN CORPORATION, US
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[54] **DISPOSITIF A ELEMENT DE VERROUILLAGE**
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING LOYALTY PROGRAMS VIA A DEBIT CARD OR DEBIT CARD ACCOUNT IDENTIFYING DEVICE**
[54] **SYSTEMES ET PROCEDES POUR OFFRIR DES PROGRAMMES DE FIDELISATION PAR LE BIAIS D'UN DISPOSITIF D'IDENTIFICATION DE CARTE DE DEBIT OU DE COMPTE DE CARTE DE DEBIT**
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[54] **METHODS, APPARATUS, AND SYSTEMS FOR ELECTRONIC DEVICE RECOVERY**
[54] **PROCEDES APPAREIL ET SYSTEMES POUR REPRISE D'UN DISPOSITIF ELECTRONIQUE**
[72] QUIN, SPENCER LEAVITT GEORGE, CA
[72] FELDMAN, ANDREY, CA
[72] TYHURST, TIMOTHY RICHARD, CA
[72] TURNER, ROBERT DAVID, CA
[71] RESEARCH IN MOTION LIMITED, CA
[71] QNX SOFTWARE SYSTEMS LIMITED, CA
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[72] ORZELL, GREGORY, US
[72] FUNGE, JOHN, US
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[71] NETFLIX, INC., US
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[54] **METHOD AND DEVICE FOR GAS-PHASE ION FRAGMENTATION**
[54] **PROCEDE ET APPAREIL DE FRAGMENTATION DES IONS EN PHASE GAZEUSE**
[72] PARK, MELVIN ANDREW, US
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[54] **NETTOYEUR DE RANG DE PLANTATION REGLABLE**
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[54] **PROCEDE DE DENITRIFICATION DES FUMES PRODUITES PAR UN FOUR DE COMBUSTION, ET INSTALLATION POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] PARDO, PIERRE-EMMANUEL, FR
[72] MORICE, LUDOVIC, FR
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[54] **CYCLING ACCESSORY AND METHOD OF USE**
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[72] LUGTON, DAVID, AU
[71] THE BICYCLE CORPORATION PTY LTD., AU
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[54] **SYSTEM AND METHOD FOR SOCIAL-MEDIA GENERATED TRANSIT AGENCY CONTENT**
[54] **SYSTEME ET PROCEDE DE GESTION DU CONTENU ISSU DES MEDIAS SOCIAUX POUR UNE AGENCE DE TRANSIT**
[72] GODDARD, MATTHEW CARL, CA
[72] PAYNE, BRUCE, CA
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[54] **METHOD AND APPARATUS FOR
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[54] **PROCEDE ET APPAREIL POUR
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[72] LEE, TAMMY, KR

[72] HAN, WOO-JIN, KR

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[54] **OFFER PRIVACY CONTROLS**

[54] **CONTROLES DE LA VIE PRIVEE
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[72] LEICHER, AUDREY JOSEPHINE, US

[72] BITUNJAC, WILLIAM JOHN, US

[72] DOYNE, NATALIE VICTORIA, US

[72] PETERSON, SARAH ROXANNE, US

[71] TARGET BRANDS, INC., US

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[72] OLSON, BRIAN R., CA

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[71] GENESEQUE AS, NO
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[86] 2011-09-30 (PCT/EP2011/067200)
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[71] GOOGLE INC., US
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[54] **METHOD FOR IMPROVING THE
QUALITY OF DATA
TRANSMISSION IN A PACKET-
BASED COMMUNICATION
NETWORK**
[54] **PROCEDE D'AUGMENTATION DE
LA QUALITE DE LA
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DANS UN RESEAU DE
COMMUNICATION A BASE DE
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[72] RIEDL, JOHANNES, DE
[72] SCHEFFEL, MATTHIAS, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
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[54] **METHODES DE TRAITEMENT
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17/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR
SECURING AN OBJECT TO BONE,
INCLUDING THE PROVISION
AND USE OF A NOVEL SUTURE
ASSEMBLY FOR SECURING AN
OBJECT TO BONE**
[54] **PROCEDE ET APPAREIL POUR
FIXER UN OBJET A UN OS, Y
COMPRIS LA FOURNITURE ET
L'UTILISATION D'UN NOUVEL
ENSEMBLE DE SUTURE POUR
FIXER UN OBJET A UN OS**
[72] MCDEVITT, DENNIS, US
[72] NOVAK, VINCENT, US
[71] LINVATEC CORPORATION, US
[85] 2013-08-15
[86] 2012-02-16 (PCT/US2012/025480)
[87] (WO2012/112793)
[30] US (61/443,342) 2011-02-16
[30] US (61/443,325) 2011-02-16
[30] US (13/093,634) 2011-04-25

PCT Applications Entering the National Phase

[21] **2,828,281**
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/02 (2006.01) A61K 8/39 (2006.01) A61Q 19/10 (2006.01)**

[25] EN

[54] **SKIN AND HAND CLEANING MEANS CONTAINING SUPER-ABSORBING PARTICLES**

[54] **PRODUIT NETTOYANT POUR LA PEAU ET LES MAINS CONTENANT DES PARTICULES SUPER-ABSORBANTES**

[72] ALLEF, PETRA, DE

[72] MANGEN, THOMAS, DE

[72] WATTEBLED, LAURENT, DE

[72] SCHMIDT, CHRISTIAN, DE

[72] LOEKER, FRANK, DE

[71] EVONIK DEGUSSA GMBH, DE

[85] 2013-08-26

[86] 2012-01-30 (PCT/EP2012/051414)

[87] (WO2012/116864)

[30] DE (102011004815.4) 2011-02-28

[21] **2,828,773**
[13] A1

[51] **Int.Cl. D21F 1/10 (2006.01) D21F 1/00 (2006.01)**

[25] EN

[54] **PAPER MACHINE FABRIC**

[54] **TOILE DE MACHINE A PAPIER**

[72] TAIPALE, SEPPO, FI

[72] SEPPANEN, MARI, FI

[71] METSO FABRICS INC., FI

[85] 2013-08-30

[86] 2012-03-01 (PCT/FI2012/050206)

[87] (WO2012/120191)

[30] FI (20115222) 2011-03-04

[21] **2,828,957**
[13] A1

[51] **Int.Cl. C11B 1/10 (2006.01) B01D 11/00 (2006.01) C12P 7/64 (2006.01) C12N 1/12 (2006.01)**

[25] EN

[54] **EXTRACTION OF POLAR LIPIDS BY A TWO SOLVENT METHOD**

[54] **EXTRACTION DE LIPIDES POLAIRES A L'AIDE D'UN PROCEDE UTILISANT DEUX SOLVANTS**

[72] KALE, ANIKET, US

[71] HELIAE DEVELOPMENT, LLC, US

[85] 2013-09-03

[86] 2011-11-03 (PCT/US2011/059152)

[87] (WO2012/138382)

[30] US (13/081,197) 2011-04-06

[30] US (13/286,889) 2011-11-01

[21] **2,829,087**
[13] A1

[51] **Int.Cl. C07C 303/32 (2006.01) C07C 303/06 (2006.01) C07C 309/30 (2006.01)**

[25] EN

[54] **IMPROVED METHOD FOR THE PREPARATION OF LOW OVERBASED ALKYL TOLUENE SULFONATE**

[54] **PROCEDE DE PREPARATION AMELIORE DE SULFONATE D'ALKYL TOLUENE A FAIBLE SURBASICITE**

[72] TEQUI, PIERRE, FR

[72] CAMPBELL, CURT B., US

[72] SINQUIN, GILLES P., FR

[72] GANDON, CHRISTINE BOEMARE, FR

[72] FREDERIC, KYLE J., US

[72] SPALA, EUGENE E., US

[71] CHEVRON ORONITE SAS, FR

[71] CHEVRON ORONITE COMPANY LLC, US

[85] 2013-09-04

[86] 2011-03-30 (PCT/US2011/030566)

[87] (WO2012/134464)

[21] **2,829,115**
[13] A1

[51] **Int.Cl. A61B 17/14 (2006.01) A61B 17/32 (2006.01)**

[25] EN

[54] **SLEEVE FOR REMOVABLE LANCET OF LANCING DEVICE**

[54] **MANCHON POUR LANCETTE AMOVIBLE D'AUTOPIQUEUR**

[72] MONDRO, JASON, US

[72] HORNE, KANDE, US

[72] VARGHESE, SOPHIA, US

[71] BECTON DICKINSON AND COMPANY, US

[85] 2013-09-04

[86] 2011-03-09 (PCT/US2011/000438)

[87] (WO2012/121686)

[21] **2,829,119**
[13] A1

[51] **Int.Cl. A61C 15/00 (2006.01) A61C 19/06 (2006.01)**

[25] EN

[54] **INTERDENTAL CLEANING DEVICE**

[54] **DISPOSITIF POUR NETTOYER ENTRE LES DENTS**

[72] PATEL, MADHUSUDAN, US

[72] BOYD, THOMAS J., US

[72] JIMENEZ, EDUARDO J., US

[72] KENNEDY, SHARON, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-09-04

[86] 2011-03-09 (PCT/US2011/027740)

[87] (WO2012/121720)

[21] **2,829,180**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 9/16 (2006.01) A61K 9/38 (2006.01) A61K 31/07 (2006.01) A61K 31/592 (2006.01) A61K 31/593 (2006.01)**

[25] EN

[54] **A NOVEL COMPOSITION OF MATTER FOR DELIVERING LIPID-SOLUBLE MATERIALS, AND A METHOD FOR PRODUCING IT**

[54] **NOUVELLE COMPOSITION DE MATIERE POUR LA DELIVRANCE DE MATERIAUX SOLUBLES DANS LES LIPIDES, ET SON PROCEDE DE FABRICATION**

[72] LO, YANGMING, MARTIN, US

[72] CHERIAN, ANSU, ELIZABETH, US

[72] BELSON, NEIL, ALLEN, US

[71] NEWAGRICULTURE, INC., US

[71] UNIVERSITY OF MARYLAND, US

[85] 2013-09-04

[86] 2011-03-07 (PCT/US2011/027399)

[87] (WO2011/109809)

[30] US (61/311,072) 2010-03-05

Demandes PCT entrant en phase nationale

[21] **2,829,185**
[13] A1

[51] **Int.Cl. G01N 35/02 (2006.01) B01J 19/00 (2006.01) G01N 21/64 (2006.01) G01N 33/53 (2006.01) G01N 37/00 (2006.01)**

[25] EN

[54] **BEAD SEALING METHOD, METHOD FOR DETECTING TARGET MOLECULE, ARRAY, KIT, AND TARGET MOLECULE DETECTION DEVICE**

[54] **PROCEDE DE SCELLEMENT ETANCHE DE BILLES, PROCEDE DE DETECTION D'UNE MOLECULE CIBLE, RESEAU, TROUSSE, ET DISPOSITIF DE DETECTION D'UNE MOLECULE CIBLE**

[72] NOJI, HIROYUKI, JP
[72] IINO, RYOTA, JP
[72] ARAKI, SUGURU, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2013-09-05
[86] 2012-03-07 (PCT/JP2012/055884)
[87] (WO2012/121310)
[30] JP (2011-050629) 2011-03-08

[21] **2,829,190**
[13] A1

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

[25] EN

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

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

[72] KADOTA, TAKUYA, JP
[72] MIKURIYA, YOSHIHIRO, JP
[72] NOZAKI, TSUYOSHI, JP
[72] ISHIKAWA, YOSHIMICHI, JP
[72] FUWA, KAZUOKI, JP
[72] FUKAO, TOMOHIRO, JP
[72] MIKI, TOMOHARU, JP
[72] HAGI, MASAYUKI, JP
[72] SHONO, HIDEKAZU, JP
[72] HAMADA, MANABU, JP
[72] SAKUMA, TETSUSHI, JP
[71] RICOH COMPANY, LTD., JP
[85] 2013-09-05
[86] 2012-03-09 (PCT/JP2012/056787)
[87] (WO2012/121421)
[30] JP (2011-051047) 2011-03-09
[30] JP (2012-046346) 2012-03-02

[21] **2,829,194**
[13] A1

[51] **Int.Cl. G06F 9/38 (2006.01) G06F 9/46 (2006.01)**

[25] EN

[54] **REGISTRATION AND EXECUTION OF HIGHLY CONCURRENT PROCESSING TASKS**

[54] **ENREGISTREMENT ET EXECUTION DE TACHES DE TRAITEMENT HAUTEMENT CONCURRENTES**

[72] MARTIN, JEREMY D., US
[71] BENEFITFOCUS.COM, INC., US
[85] 2013-09-05
[86] 2012-02-24 (PCT/US2012/026466)
[87] (WO2012/158231)
[30] US (13/107,634) 2011-05-13

[21] **2,829,195**
[13] A1

[51] **Int.Cl. B24D 3/28 (2006.01) B24D 3/22 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**

[25] EN

[54] **COARSE SANDPAPER WITH NON-SLIP COATING LAYER**

[54] **PAPIER DE VERRE A GROS GRAIN AVEC COUCHE DE REVETEMENT ANTIDERAPANTE**

[72] PAHL, THOMAS E., US
[72] PETERSEN, JOHN G., US
[72] WALD, MICHAEL P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-09-05
[86] 2012-03-06 (PCT/US2012/027843)
[87] (WO2012/125335)
[30] US (61/451,678) 2011-03-11
[30] US (61/498,685) 2011-06-20

[21] **2,829,197**
[13] A1

[51] **Int.Cl. H04L 9/08 (2006.01) G06F 21/00 (2013.01) H04L 29/06 (2006.01)**

[25] EN

[54] **SECURE FILE SHARING METHOD AND SYSTEM**

[54] **SYSTEME ET PROCEDE DE PARTAGE DE FICHIERS SECURISES**

[72] O'HARE, MARK S., US
[72] ORSINI, RICK L., US
[72] MARTIN, DON, US
[71] SECURITY FIRST CORP., US
[85] 2013-09-05
[86] 2012-03-06 (PCT/US2012/027893)
[87] (WO2012/122175)
[30] US (61/450,110) 2011-03-07

[21] **2,829,206**
[13] A1

[51] **Int.Cl. G01D 5/353 (2006.01) E02D 1/00 (2006.01) G01B 11/16 (2006.01)**

[25] EN

[54] **DEVICE FOR MEASURING DEFORMATIONS OF THE GROUND**

[54] **DISPOSITIF POUR MESURER LES DEFORMATIONS DU SOL**

[72] NAUMOV, ALEKSANDR NIKOLAEVICH, RU
[72] GRECHANOV, ALEKSANDR VLADIMIROVICH, RU
[71] ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "LAZER SOLYUSHENS", RU
[85] 2013-09-05
[86] 2012-03-02 (PCT/RU2012/000154)
[87] (WO2012/125078)
[30] RU (2011109936) 2011-03-17

PCT Applications Entering the National Phase

[21] **2,829,209**
[13] A1

[51] **Int.Cl. C25B 1/04 (2006.01) C25B 15/08 (2006.01) H01M 8/06 (2006.01)**

[25] EN

[54] **A COMBINED MAGNETOHYDRODYNAMIC AND ELECTROCHEMICAL METHOD AND FACILITY FOR NAMELY ELECTRIC POWER GENERATION**

[54] **PROCEDE MAGNETOHYDRODYNAMIQUE ET ELECTROCHIMIQUE COMBINE ET INSTALLATION POUR UNE GENERATION D'ELECTRICITE PRINCIPALEMENT ELECTRIQUE**

[72] MASTENA, MICHAL, SK

[72] PETROVIC, PAVOL, SK

[71] PROGRESSIVE SOLUTIONS & UPGRADES S.R.O., SK

[85] 2013-09-05

[86] 2012-04-20 (PCT/SK2012/050007)

[87] (WO2012/144960)

[30] SK (PP 5022-2011) 2011-04-21

[21] **2,829,212**
[13] A1

[51] **Int.Cl. B64C 1/14 (2006.01)**

[25] EN

[54] **AIRCRAFT WINDOW AND INSTALLATION METHOD**

[54] **FENETRE D'AVION ET PROCEDE D'INSTALLATION**

[72] EBNER, JAMES E., US

[72] BRYAN, ERIC ALLEN, US

[72] KELSEY, JEFFREY LEE, US

[71] THE BOEING COMPANY, US

[85] 2013-09-05

[86] 2012-02-10 (PCT/US2012/024721)

[87] (WO2012/134646)

[30] US (13/071,823) 2011-03-25

[21] **2,829,220**
[13] A1

[51] **Int.Cl. E21B 31/113 (2006.01) E21B 4/14 (2006.01) E21B 31/107 (2006.01)**

[25] EN

[54] **JARRING METHOD AND APPARATUS USING FLUID PRESSURE TO RESET JAR**

[54] **PROCEDE ET APPAREIL DE BATTAGE UTILISANT UNE PRESSION DE FLUIDE POUR RETABLIR UNE COULISSE**

[72] SCHULTZ, ROGER L., US

[72] FERGUSON, ANDREW M., US

[72] CONNELL, MICHAEL L., US

[71] THRU TUBING SOLUTIONS, INC., US

[85] 2013-09-05

[86] 2012-03-06 (PCT/US2012/027811)

[87] (WO2012/122141)

[30] US (13/044,785) 2011-03-10

[21] **2,829,224**
[13] A1

[51] **Int.Cl. H01M 10/12 (2006.01) H01M 2/02 (2006.01) H01M 2/10 (2006.01) H01M 4/50 (2010.01) H01M 4/68 (2006.01)**

[25] EN

[54] **METAL-FREE AQUEOUS ELECTROLYTE ENERGY STORAGE DEVICE**

[54] **DISPOSITIF DE STOCKAGE D'ENERGIE SANS METAL A ELECTROLYTE AQUEUX**

[72] WHITACRE, JAY, US

[72] HUMPHREYS, DON, US

[72] YANG, WENZHUO, US

[72] LYNCH-BELL, EDWARD, US

[72] MOHAMAD, ALEX, US

[72] WEBER, ERIC, US

[71] AQUION ENERGY INC., US

[85] 2013-09-05

[86] 2012-03-08 (PCT/US2012/028228)

[87] (WO2012/122353)

[30] US (61/450,774) 2011-03-09

[30] US (13/043,787) 2011-03-09

[21] **2,829,252**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 8/18 (2009.01) G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING RECOMMENDATIONS WITH A LOCATION-BASED SERVICE**

[54] **SYSTEME ET PROCEDE POUR DONNER DES RECOMMANDATIONS AVEC UN SERVICE DE GEOLOCALISATION**

[72] MOORE, JUSTIN, US

[72] WEISS, NOAH, US

[72] LEE, BENJAMIN N., US

[72] SKLAR, MAX ELLIOT, US

[72] SHAW, BLAKE, US

[71] MOORE, JUSTIN, US

[71] FOURSQUARE LABS, INC., US

[85] 2013-09-05

[86] 2012-03-08 (PCT/US2012/028248)

[87] (WO2012/122362)

[30] US (61/450,616) 2011-03-08

[30] US (13/408,150) 2012-02-29

[21] **2,829,256**
[13] A1

[51] **Int.Cl. F25B 9/12 (2006.01)**

[25] EN

[54] **MOBILE DEVICE-BASED SYSTEM FOR AUTOMATED, REAL TIME HEALTH RECORD EXCHANGE**

[54] **SYSTEME BASE SUR UN DISPOSITIF MOBILE DESTINE A UN ECHANGE AUTOMATISE ET EN TEMPS REEL D'UN DOSSIER MEDICAL**

[72] EXPERTON, BETTINA, US

[71] HUMETRIX.COM, INC., US

[85] 2013-09-05

[86] 2012-03-08 (PCT/US2012/028380)

[87] (WO2012/122434)

[30] US (61/451,111) 2011-03-09

[30] US (61/475,199) 2011-04-13

[30] US (61/530,367) 2011-09-01

Demandes PCT entrant en phase nationale

[21] **2,829,260**
[13] A1

[51] **Int.Cl. E04B 2/56 (2006.01) E04B 1/80 (2006.01)**
[25] EN
[54] **WALL INSULATION SYSTEM WITH BLOCKS HAVING ANGLED SIDES**
[54] **SYSTEME D'ISOLATION DE PAROI COMPRENANT DES BLOCS AYANT DES COTES INCLINES**
[72] MCCLURE, RICHARD R., US
[71] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
[85] 2013-09-05
[86] 2012-03-09 (PCT/US2012/028577)
[87] (WO2012/122510)
[30] US (61/451,056) 2011-03-09

[21] **2,829,277**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01) F24F 12/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING AN ENERGY RECOVERY VENTILATOR (ERV)**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'UN VENTILATEUR RECUPERATEUR D'ENERGIE (ERV)**
[72] STORM, TIMOTHY WAYNE, US
[71] TRANE INTERNATIONAL INC., US
[85] 2013-09-05
[86] 2012-02-22 (PCT/US2012/026116)
[87] (WO2012/134669)
[30] US (13/074,946) 2011-03-29

[21] **2,829,280**
[13] A1

[51] **Int.Cl. A61K 31/48 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF OPIOID ANTAGONISTS AND THEIR USE FOR TREATING SCLERODERMA**
[54] **COMPOSITIONS D'AGONISTES OPIOIDES ET LEUR UTILISATION DANS LE TRAITEMENT DE LA SCLERODERMIE**
[72] PISAK, IBRAHIM MUSTAFA ISKENDER, TR
[72] PISAK, MEHMET, TR
[72] SELAMOGLU, MEHMET LEVENT, TR
[72] BINGOL, SEMRA, TR
[71] IMUNEKS FARMA ILAC SANAVI VE TICARET A.S., TR
[85] 2013-09-06
[86] 2011-03-31 (PCT/TR2011/000075)
[87] (WO2012/134410)

[21] **2,829,290**
[13] A1

[51] **Int.Cl. H04B 1/66 (2006.01)**
[25] EN
[54] **RENDER-ORIENTATION INFORMATION IN VIDEO BITSTREAM**
[54] **DONNEES D'ORIENTATION DE RENDU DANS UN TRAIN DE BITS DE DONNEES VIDEO**
[72] BOYCE, JILL, US
[72] CIPOLLI, STEPHEN, US
[72] LENNOX, JONATHAN, US
[72] WENGER, STEPHAN, US
[72] HONG, DANNY, US
[71] VIDYO, INC., US
[85] 2013-09-06
[86] 2012-01-11 (PCT/US2012/020890)
[87] (WO2012/121802)
[30] US (61/451,303) 2011-03-10

[21] **2,829,291**
[13] A1

[51] **Int.Cl. C10C 3/00 (2006.01)**
[25] EN
[54] **HYDROCARBON VISCOSITY REDUCTION METHOD**
[54] **PROCEDE DE REDUCTION DE LA VISCOSITE DES HYDROCARBURES**
[72] SCHABRON, JOHN F., US
[72] ROVANI, JOSEPH F., JR., US
[71] THE UNIVERSITY OF WYOMING RESEARCH CORPORATION D/B/A WESTERN RESEARCH INSTITUTE, US
[85] 2013-09-06
[86] 2012-01-13 (PCT/US2012/021317)
[87] (WO2012/121804)
[30] US (61/450,515) 2011-03-08

[21] **2,829,292**
[13] A1

[51] **Int.Cl. D06M 15/277 (2006.01) C08L 33/16 (2006.01) C08L 33/24 (2006.01) C08L 33/26 (2006.01) D04H 1/52 (2006.01) D06M 15/248 (2006.01) D06M 15/263 (2006.01) D06M 15/267 (2006.01) D06M 15/295 (2006.01) D06M 17/04 (2006.01) D06M 17/06 (2006.01) D06M 17/08 (2006.01) D06M 17/10 (2006.01) F41H 1/02 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **BODY ARMOR ARTICLE AND METHOD OF MAKING**
[54] **GILET PARE-BALLES ET SON PROCEDE DE FABRICATION**
[72] CHIOU, MINSHON J., US
[72] BROWN, GERALD ORONDE, US
[72] MADELEINE, TERESA C., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-09-06
[86] 2012-01-23 (PCT/US2012/022158)
[87] (WO2012/145051)
[30] US (13/091,228) 2011-04-21

PCT Applications Entering the National Phase

[21] **2,829,293**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) G05B 19/418 (2006.01) H04L 29/06 (2006.01) H04M 1/725 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR WIRELESS COMMUNICATIONS IN A PROCESS CONTROL OR MONITORING ENVIRONMENT**

[54] **PROCEDE ET APPAREIL POUR DES COMMUNICATIONS SANS FIL DANS UN ENVIRONNEMENT DE CONTROLE OU DE SURVEILLANCE DE PROCESSUS**

[72] JUNK, KENNETH WILLIAM, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2013-09-06

[86] 2012-02-03 (PCT/US2012/023826)

[87] (WO2012/121827)

[30] US (61/450,964) 2011-03-09

[21] **2,829,295**
[13] A1

[51] **Int.Cl. A61F 2/38 (2006.01) A61F 2/30 (2006.01)**

[25] EN

[54] **METHOD AND IMPLANT FOR REPLACING DAMAGED MENISCAL TISSUE**

[54] **METHODE ET IMPLANT DESTINE A REMPLACER UN TISSU MENISCAL ENDOMMAGE**

[72] GEDET, PHILIPPE, CH

[72] LECHMANN, BEAT, CH

[72] BOUDUBAN, NICOLAS, CH

[71] DEPUY SYNTHES PRODUCTS, LLC, US

[85] 2013-09-06

[86] 2012-02-16 (PCT/US2012/025417)

[87] (WO2012/121853)

[30] US (61/450,517) 2011-03-08

[30] US (61/472,913) 2011-04-07

[21] **2,829,296**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 1/00 (2006.01) C12N 1/10 (2006.01) C12N 1/12 (2006.01) C12N 15/00 (2006.01) C12N 15/01 (2006.01) C12N 15/79 (2006.01) C12N 15/87 (2006.01)**

[25] EN

[54] **ENGINEERING THRAUSTOCHYTRID MICROORGANISMS**

[54] **MICROORGANISMES THRAUSTOCHYTRIDES MANIPULES**

[72] ZHANG, SHUOCHENG, CA

[72] ARMENTA, ROBERTO, CA

[71] DSM NUTRITIONAL PRODUCTS AG, US

[85] 2013-09-06

[86] 2012-03-07 (PCT/IB2012/000528)

[87] (WO2012/120375)

[30] US (61/449,848) 2011-03-07

[21] **2,829,298**
[13] A1

[51] **Int.Cl. G06T 5/00 (2006.01)**

[25] EN

[54] **FAST IMAGE ENHANCEMENT AND THREE-DIMENSIONAL DEPTH CALCULATION**

[54] **AMELIORATION RAPIDE D'UNE IMAGE ET CALCUL DE PROFONDEUR TRIDIMENSIONNEL**

[72] GRINDSTAFF, GENE A., US

[72] WHITAKER, SHEILA G., US

[71] HEXAGON TECHNOLOGY CENTER GMBH, CH

[85] 2013-09-06

[86] 2012-02-17 (PCT/US2012/025604)

[87] (WO2012/112866)

[30] US (13/030,534) 2011-02-18

[30] US (13/154,200) 2011-06-06

[21] **2,829,300**
[13] A1

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

[25] EN

[54] **MOLECULAR BIOMARKER SET FOR EARLY DETECTION OF OVARIAN CANCER**

[54] **BIOMARQUEUR MOLECULAIRE DESTINE A LA DETECTION PRECOCE DU CANCER DES OVAIRES**

[72] BAJIC, VLADIMIR, SA

[72] KAUR, MANDEEP, SA

[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA

[85] 2013-09-06

[86] 2012-03-08 (PCT/IB2012/000552)

[87] (WO2012/120377)

[30] US (61/450,212) 2011-03-08

[21] **2,829,301**
[13] A1

[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/33 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **SOLIDIFICATION MATRIX USING A CARBOXYMETHYL CARBOHYDRATE POLYMER BINDING AGENT**

[54] **MATRICE DE SOLIDIFICATION COMPRENANT UN AGENT DE LIAISON A BASE D'UN POLYMERE GLUCIDIQUE CARBOXYMETHYLE**

[72] BESSE, MICHAEL E., US

[72] TJELTA, BRENDA L., US

[72] SANDERS, LISA M., US

[71] ECOLAB USA INC., US

[85] 2013-09-06

[86] 2012-03-05 (PCT/IB2012/051035)

[87] (WO2012/120442)

[30] US (13/045,029) 2011-03-10

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[21] **2,829,302**
[13] A1

[51] **Int.Cl. B22D 41/50 (2006.01) B22D 11/10 (2006.01)**
[25] EN
[54] **REFRACTORY ELEMENT, ASSEMBLY AND TUNDISH FOR TRANSFERRING MOLTEN METAL**
[54] **ELEMENT REFRACTAIRE, ASSEMBLAGE ET REPARTITEUR POUR TRANSFERER DU METAL FONDU**
[72] JANSSEN, DOMINIQUE, US
[72] GUILLO, PHILIPPE, FR
[72] SIMOES, JOSE, BE
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2013-09-06
[86] 2012-02-28 (PCT/US2012/026856)
[87] (WO2012/148560)
[30] US (61/481,136) 2011-04-29

[21] **2,829,304**
[13] A1

[51] **Int.Cl. H01M 2/02 (2006.01)**
[25] EN
[54] **STRESS RELIEVE BODY TO PREVENT CELL SEAL FAILURE DURING ASSEMBLY**
[54] **CORPS DE DETENTE DES CONTRAINTES DESTINE A EMPECHER UNE DEFAILLANCE D'ETANCHEITE D'UNE CELLULE PENDANT UN ASSEMBLAGE**
[72] CARKNER, STEVE, CA
[71] PANACIS INC., CA
[85] 2013-09-06
[86] 2012-03-06 (PCT/IB2012/051036)
[87] (WO2012/120443)
[30] US (61/450,498) 2011-03-08

[21] **2,829,305**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **HAEMOSTATIC MATERIAL**
[54] **MATIERE HEMOSTATIQUE**
[72] HARDY, CRAIG, GB
[72] EASON, GUY, GB
[72] HOGGARTH, ANDREW, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
[85] 2013-09-06
[86] 2012-03-12 (PCT/GB2012/050542)
[87] (WO2012/123728)
[30] GB (1104175.3) 2011-03-11

[21] **2,829,306**
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01) F21K 99/00 (2010.01) A61B 1/06 (2006.01) F21V 29/00 (2006.01) G02B 27/10 (2006.01) G02B 27/30 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **FULL SPECTRUM LED ILLUMINATOR**
[54] **APPAREIL D'ECLAIRAGE A LED A SPECTRE COMPLET**
[72] MOORE, ALLEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2013-09-06
[86] 2012-03-08 (PCT/IB2012/000601)
[87] (WO2012/120380)
[30] US (61/450,360) 2011-03-08

[21] **2,829,308**
[13] A1

[51] **Int.Cl. G06Q 20/14 (2012.01) H04H 20/14 (2009.01) H04N 21/2547 (2011.01) H04N 21/442 (2011.01) H04N 21/81 (2011.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DETERMINATION OF ADVERTISEMENT IMPACT**
[54] **DETERMINATION D'IMPACT DE PUBLICITE**
[72] TANNER, RUDOLF, CH
[72] GEE, JOHN M., US
[71] OPENTV, INC, US
[85] 2013-09-06
[86] 2012-02-28 (PCT/US2012/026899)
[87] (WO2012/121928)
[30] US (61/451,136) 2011-03-10

[21] **2,829,309**
[13] A1

[51] **Int.Cl. G01V 11/00 (2006.01) E21B 19/00 (2006.01) E21B 47/024 (2006.01) G01C 21/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INITIALIZATION OF A WELLBORE SURVEY TOOL VIA A REMOTE REFERENCE SOURCE**
[54] **PROCEDE ET APPAREIL D'INITIALISATION D'UN OUTIL DE PROSPECTION DE PUIITS DE FORAGE PAR L'INTERMEDIAIRE D'UNE SOURCE DE REFERENCE DISTANTE**
[72] WESTON, JOHN LIONEL, GB
[72] EKSETH, ROGER, NO
[72] UTTECHT, GARY, US
[72] WRIGHT, ERIC, GB
[71] GYRODATA INCORPORATED, US
[85] 2013-09-06
[86] 2012-02-28 (PCT/US2012/027024)
[87] (WO2013/130053)
[30] US (61/450,073) 2011-03-07

[21] **2,829,310**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **COVER FOR HOUSING A SYRINGE, ASSEMBLY COMPRISING SUCH COVER, PEN-INJECTOR COMPRISING SUCH ASSEMBLY AND METHOD FOR FORMING A PEN-INJECTOR**
[54] **CAPUCHON DESTINE A RECEVOIR UNE SERINGUE, ENSEMBLE COMPRENANT UN TEL CAPUCHON, STYLO-INJECTEUR COMPRENANT UN TEL ENSEMBLE ET PROCEDE DE FORMATION D'UN STYLO-INJECTEUR**
[72] DE ROSA, FRANCESCO, SE
[72] LINDWALL, TORBJORN, SE
[72] SAHLIN, ANNA, SE
[72] SKEDELIUS, ROLF, SE
[71] PFIZER HEALTH AB, SE
[85] 2013-09-06
[86] 2012-03-14 (PCT/IB2012/051200)
[87] (WO2012/127365)
[30] US (61/466,281) 2011-03-22

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[21] **2,829,311**
[13] A1

[51] **Int.Cl. C11D 17/04 (2006.01) A47L 13/17 (2006.01) C11D 1/62 (2006.01) C11D 3/39 (2006.01) C11D 3/48 (2006.01) C11D 11/00 (2006.01)**

[25] EN

[54] **PEROXYGEN CONTAINING CLEANING SUBSTRATES WITH IMPROVED STORAGE STABILITY**

[54] **SUBSTRATS DE NETTOYAGE CONTENANT DU PEROXYDE D'HYDROGENE AYANT UNE STABILITE AMELIOREE AU STOCKAGE**

[72] KASER, MATTHEW, US
[71] RECKITT BENCKISER LLC, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/GB2012/050527)
[87] (WO2012/123721)
[30] US (61/451,707) 2011-03-11

[21] **2,829,312**
[13] A1

[51] **Int.Cl. C09K 21/02 (2006.01)**

[25] EN

[54] **FLAMEPROOFING**

[54] **RETARDATEUR DE FLAMME**

[72] ROCKTASCHEL, CHRISTIAN, DE
[72] MOBIUS, HEINZHORST, DE
[71] FLUORCHEMIE DOHNA GMBH, DE
[85] 2013-09-06
[86] 2011-03-23 (PCT/EP2011/001454)
[87] (WO2012/126487)

[21] **2,829,314**
[13] A1

[51] **Int.Cl. C08B 37/00 (2006.01) C07K 1/06 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING GLYCOPEPTIDE HAVING SIALYL SUGAR CHAIN, SIALYL SUGAR CHAIN-ADDED AMINO ACID DERIVATIVE TO BE USED IN SAME, AND GLYCOPEPTIDE**

[54] **PROCEDE DE PRODUCTION D'UN GLYCOPEPTIDE COMPORTANT UNE CHAINE SUCREE SIALYLE, DERIVE D'ACIDE AMINE A CHAINE SUCREE SIALYLE AJOUTEE EMPLOYE DANS LEDIT PROCEDE, ET GLYCOPEPTIDE**

[72] KAJIHARA, YASUHIRO, JP
[72] MURAKAMI, MASUMI, JP
[72] ISHII, KAZUYUKI, JP
[71] GLYTECH, INC., JP
[85] 2013-09-06
[86] 2012-03-05 (PCT/JP2012/055543)
[87] (WO2012/121206)
[30] JP (2011-053644) 2011-03-10
[30] JP (2012-021367) 2012-02-02

[21] **2,829,318**
[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR DAMPING VIBRATION IN A DRILL STRING**

[54] **APPAREIL ET PROCEDE POUR AMORTIR UNE VIBRATION DANS UN TRAIN DE TIGES DE FORAGE**

[72] TURNER, WILLIAM EVANS, US
[72] HUTCHINSON, MARK, US
[72] BOSMAN, DIRK, AE
[72] WASSELL, MARK ELLSWORTH, US
[72] PERRY, CARL ALLISON, US
[72] COBERN, MARTIN E., US
[71] APS TECHNOLOGY, INC., US
[85] 2013-09-05
[86] 2012-02-27 (PCT/US2012/026723)
[87] (WO2012/161816)
[30] US (13/041,863) 2011-03-07

[21] **2,829,319**
[13] A1

[51] **Int.Cl. C10B 53/02 (2006.01) B01J 21/10 (2006.01) B01J 23/02 (2006.01) B09B 3/00 (2006.01) C10G 3/00 (2006.01)**

[25] EN

[54] **REFRACTORY MIXED-METAL OXIDES AND SPINEL COMPOSITIONS FOR THERMOCATALYTIC CONVERSION OF BIOMASS**

[54] **OXYDES DE METAUX MIXTES REFRACTAIRES ET COMPOSITIONS DE SPINELLES POUR CONVERSION THERMOCATALYTIQUE DE BIOMASSE**

[72] BARTEK, ROBERT, US
[72] BRADY, MICHAEL, US
[72] STAMIREN, DENNIS, US
[71] KIOR, INC., US
[85] 2013-09-05
[86] 2012-03-01 (PCT/US2012/027290)
[87] (WO2012/121974)
[30] US (13/045,191) 2011-03-10

[21] **2,829,320**
[13] A1

[51] **Int.Cl. C04B 22/00 (2006.01) C04B 7/40 (2006.01) C04B 9/20 (2006.01)**

[25] EN

[54] **BONDING ELEMENT, BONDING MATRIX AND COMPOSITE MATERIAL HAVING THE BONDING ELEMENT, AND METHOD OF MANUFACTURING THEREOF**

[54] **ELEMENT DE LIAISON, MATRIE DE LIAISON ET MATIERE COMPOSITE AYANT L'ELEMENT DE LIAISON, ET LEUR PROCEDE DE FABRICATION**

[72] RIMAN, RICHARD E., US
[72] GUPTA, SUROJIT, US
[72] ATAKAN, VAHIT, US
[72] LI, QINGHUA, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2013-09-05
[86] 2012-03-02 (PCT/US2012/027536)
[87] (WO2012/122031)
[30] US (61/449,659) 2011-03-05

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[21] **2,829,321**
[13] A1

[51] **Int.Cl. E04B 1/35 (2006.01) E04B 1/00 (2006.01) E04B 1/348 (2006.01) E04B 2/00 (2006.01) E04C 2/00 (2006.01) E04C 2/38 (2006.01) E04G 21/00 (2006.01)**

[25] EN

[54] **BUILDING METHOD USING MULTI-STOREY PANELS**

[54] **PROCEDE DE CONSTRUCTION UTILISANT DES PANNEAUX S'ETENDANT SUR PLUSIEURS ETAGES**

[72] KELLY, IAN, CA

[71] KELLY, IAN, CA

[85] 2013-09-06

[86] 2012-04-04 (PCT/CA2012/050215)

[87] (WO2012/135954)

[30] US (61/471,767) 2011-04-05

[21] **2,829,322**
[13] A1

[51] **Int.Cl. C07D 233/42 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01) C07D 233/66 (2006.01) C07D 233/84 (2006.01) C07D 233/86 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 403/10 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **ANDROGEN RECEPTOR ANTAGONISTS AND USES THEREOF**

[54] **ANTAGONISTES DES RECEPTEURS D'ANDROGENES ET LEURS UTILISATIONS**

[72] TONG, YOUZHI, CN

[71] SUZHOU KINTOR PHARMACEUTICALS, INC., CN

[71] TONG, YOUZHI, CN

[85] 2013-09-06

[86] 2012-03-08 (PCT/CN2012/072091)

[87] (WO2012/119559)

[30] US (61/451,120) 2011-03-10

[21] **2,829,324**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/36 (2006.01)**

[25] EN

[54] **A CAPSULE AND A SYSTEM FOR, AND A METHOD OF, PREPARING A BEVERAGE**

[54] **CAPSULE, SYSTEME ET PROCEDE DE PREPARATION D'UNE BOISSON**

[72] NORTON, MARK, GB

[72] HANSEN, NICK ANDREW, GB

[71] KRAFT FOODS R&D, INC., US

[85] 2013-09-06

[86] 2012-03-22 (PCT/GB2012/050623)

[87] (WO2012/127233)

[30] GB (1104910.3) 2011-03-23

[21] **2,829,326**
[13] A1

[51] **Int.Cl. H04N 7/32 (2006.01)**

[25] EN

[54] **IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING PROGRAM, AND IMAGE DECODING PROGRAM**

[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROGRAMME DE CODAGE D'IMAGE ET PROGRAMME DE DECODAGE D'IMAGE**

[72] SHIMIZU, SHINYA, JP

[72] KIMATA, HIDEAKI, JP

[72] MATSUURA, NORIHIKO, JP

[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP

[85] 2013-09-06

[86] 2012-03-13 (PCT/JP2012/056442)

[87] (WO2012/124698)

[30] JP (2011-055238) 2011-03-14

[21] **2,829,328**
[13] A1

[51] **Int.Cl. G10L 19/02 (2013.01) G10L 21/04 (2013.01)**

[25] EN

[54] **ENCODING DEVICE, ENCODING METHOD, AND PROGRAM**

[54] **APPAREIL ET PROCEDE DE CODAGE, ET PROGRAMME**

[72] HONMA, HIROYUKI, JP

[72] CHINEN, TORU, JP

[72] YAMAMOTO, YUKI, JP

[72] HATANAKA, MITSUYUKI, JP

[71] SONY CORPORATION, JP

[85] 2013-09-06

[86] 2012-03-23 (PCT/JP2012/057530)

[87] (WO2012/133195)

[30] JP (2011-078874) 2011-03-31

[21] **2,829,329**
[13] A1

[51] **Int.Cl. G08B 21/02 (2006.01) H04W 4/22 (2009.01) G08B 25/08 (2006.01)**

[25] EN

[54] **SYSTEM AND APPARATUS FOR LOCATING AND SURVEILLANCE OF PERSONS AND/OR SURROUNDINGS**

[54] **SYSTEME ET APPAREIL PERMETTANT DE LOCALISER ET DE SURVEILLER DES PERSONNES ET/OU DES ABORDS**

[72] STEVENSON, BRENT, US

[72] STEVENSON, KATHLEEN, US

[71] STEVENSON, BRENT, US

[71] STEVENSON, KATHLEEN, US

[85] 2013-09-06

[86] 2011-02-18 (PCT/US2011/025381)

[87] (WO2011/119273)

[30] US (61/316,300) 2010-03-22

[30] US (13/014,049) 2011-01-26

PCT Applications Entering the National Phase

[21] **2,829,330**
[13] A1

[51] **Int.Cl. F24H 9/18 (2006.01) F22B 3/06 (2006.01) F24J 3/00 (2006.01)**

[25] EN

[54] **ROTATIONAL ENERGY HEAT GENERATION APPARATUS AND METHODS**

[54] **APPAREIL DE GENERATION DE CHALEUR PAR ENERGIE ROTATIVE ET PROCEDES ASSOCIES**

[72] CRONIN, PATRICK M., US

[71] CRONIN, PATRICK M., US

[85] 2013-09-06

[86] 2011-03-07 (PCT/US2011/027457)

[87] (WO2011/112528)

[30] US (61/311,379) 2010-03-07

[21] **2,829,331**
[13] A1

[51] **Int.Cl. B29C 43/32 (2006.01) B29C 33/42 (2006.01)**

[25] EN

[54] **3D MICROFLUIDIC DEVICES BASED ON OPEN-THROUGH THERMOPLASTIC ELASTOMER MEMBRANES**

[54] **DISPOSITIFS MICROFLUIDIQUES 3D A BASE DE MEMBRANES ELASTOMERES THERMOPLASTIQUES A OUVERTURE TRAVERSANTE**

[72] BRASSARD, DANIEL, CA

[72] ROY, EMMANUEL, CA

[72] LI, KEBIN, CA

[72] VERES, TEODOR, CA

[71] NATIONAL RESEARCH COUNCIL CANADA, CA

[85] 2013-08-14

[86] 2011-02-15 (PCT/CA2011/000154)

[87] (WO2012/109724)

[21] **2,829,334**
[13] A1

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

[25] EN

[54] **IMPLANTS, TOOLS, AND METHODS FOR TREATMENTS OF PELVIC CONDITIONS**

[54] **IMPLANTS, OUTILS ET PROCEDES POUR LE TRAITEMENT D'AFFECTIONS PELVIENNES**

[72] ROLL, JESSICA L., US

[72] MUJWID, JAMES R., US

[72] TITUS, JOHN, US

[72] BOUCHIER, MARK, US

[72] JAGGER, KARL, US

[72] FELTON, JESSICA, US

[72] SJOQUIST, SCOTT, US

[72] STEFFENS, DANIELLE, US

[72] ROWLAND, RANDY, US

[72] ALEXANDER, JAMES, US

[71] AMS RESEARCH CORPORATION, US

[85] 2013-09-06

[86] 2012-02-28 (PCT/US2012/026888)

[87] (WO2012/134689)

[30] US (61/468,069) 2011-03-28

[30] US (61/484,062) 2011-05-09

[21] **2,829,335**
[13] A1

[51] **Int.Cl. H04N 7/26 (2006.01)**

[25] EN

[54] **PARAMETER SET MAINTENANCE IN VIDEO CODING**

[54] **MAINTENANCE D'UN ENSEMBLE DE PARAMETRES DANS UN CODAGE VIDEO**

[72] WENGER, STEPHAN, US

[71] VIDYO, INC., US

[85] 2013-09-06

[86] 2012-02-28 (PCT/US2012/026894)

[87] (WO2012/121926)

[30] US (61/451,286) 2011-03-10

[21] **2,829,336**
[13] A1

[51] **Int.Cl. E02F 3/84 (2006.01) E01C 19/00 (2006.01)**

[25] EN

[54] **AUTOMATIC BLADE SLOPE CONTROL SYSTEM FOR AN EARTH MOVING MACHINE**

[54] **SYSTEME DE COMMANDE AUTOMATIQUE DE PENTE DE LAME POUR UNE MACHINE DE TERRASSEMENT**

[72] KONNO, HIROYUKI, US

[72] BRABEC, VERNON JOSEPH, US

[72] GRAHAM, RENARD TOMAS, US

[71] TOPCON POSITIONING SYSTEMS, INC., US

[85] 2013-09-06

[86] 2011-08-12 (PCT/US2011/001423)

[87] (WO2012/125134)

[30] US (61/453,256) 2011-03-16

[30] US (13/187,831) 2011-07-21

[21] **2,829,337**
[13] A1

[51] **Int.Cl. A23K 1/165 (2006.01) C11D 3/386 (2006.01) C11D 17/06 (2006.01) C12N 9/98 (2006.01)**

[25] EN

[54] **ENZYME GRANULE BLENDS CONSISTING ESSENTIALLY OF SODIUM SULFATE**

[54] **MELANGES DE GRANULES D'ENZYME CONSTITUES ESSENTIELLEMENT DE SULFATE DE SODIUM**

[72] BECKER, NATHANIEL T., US

[71] DANISCO US INC., US

[85] 2013-09-06

[86] 2012-02-29 (PCT/US2012/027073)

[87] (WO2012/121944)

[30] CN (CN2011/071678) 2011-03-10

[21] **2,829,338**
[13] A1

[51] **Int.Cl. A61F 7/03 (2006.01)**

[25] EN

[54] **FAST HEATING HEAT PACKS WITH BINARY ACTION**

[54] **CHAUFFERETTES A CHAUFFAGE RAPIDE ET ACTION BINAIRE**

[72] KRIKSUNOV, LEO B., US

[72] WYNN, DAVID W., US

[71] MCNEIL-PPC, INC., US

[85] 2013-09-06

[86] 2012-03-08 (PCT/US2012/028211)

[87] (WO2012/122344)

[30] US (61/451,324) 2011-03-10

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[21] **2,829,339**
[13] A1

[51] **Int.Cl. D04D 9/00 (2006.01) A61B 17/04 (2006.01) A61F 2/08 (2006.01) A61L 17/08 (2006.01) D01F 4/00 (2006.01) D03D 15/00 (2006.01)**

[25] EN

[54] **COLLAGEN FIBER RIBBONS WITH INTEGRATED FIXATION SUTURES AND METHODS OF MAKING THE SAME**

[54] **RUBANS DE FIBRES DE COLLAGENE INTEGRANT DES SUTURES DE FIXATION ET PROCEDES DE REALISATION CORRESPONDANTS**

[72] KOOB, THOMAS J., US
[72] LI, MENGYAN, US
[71] MIMEDX, INC., US
[85] 2013-09-06
[86] 2012-03-02 (PCT/US2012/027366)
[87] (WO2012/121986)
[30] US (61/450,179) 2011-03-08

[21] **2,829,340**
[13] A1

[51] **Int.Cl. C08G 77/50 (2006.01) A01N 25/10 (2006.01) A01N 25/30 (2006.01) A61K 8/81 (2006.01) A61K 8/894 (2006.01) C05G 3/00 (2006.01) C05G 3/06 (2006.01) C07F 7/08 (2006.01) C08F 220/28 (2006.01) C08F 220/56 (2006.01) C08G 77/60 (2006.01) C09D 133/14 (2006.01) C09D 133/24 (2006.01)**

[25] EN

[54] **ORGANOMODIFIED CARBOSILOXANE MONOMERS CONTAINING COMPOSITIONS AND USES THEREOF**

[54] **COMPOSITION CONTENANT DES MONOMERES CARBOSILOXANES ORGANO-MODIFIES ET LEURS UTILISATIONS**

[72] SAXENA, ANUBHAV, IN
[72] SENTHILKUMAR, UMAPATHY, IN
[72] LEWIS, KENRICK M., US
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2013-09-06
[86] 2011-03-21 (PCT/US2011/029164)
[87] (WO2012/128751)

[21] **2,829,341**
[13] A1

[51] **Int.Cl. A61B 17/15 (2006.01)**

[25] EN

[54] **PATIENT-SPECIFIC INSTRUMENTS FOR TOTAL ANKLE ARTHROPLASTY**

[54] **INSTRUMENTS SPECIFIQUES A UN PATIENT POUR UNE ARTHROPLASTIE TOTALE DE CHEVILLE**

[72] LI, JIA, US
[71] ZIMMER, INC., US
[85] 2013-09-06
[86] 2012-03-05 (PCT/US2012/027667)
[87] (WO2012/125319)
[30] US (13/050,190) 2011-03-17

[21] **2,829,342**
[13] A1

[51] **Int.Cl. H01M 10/054 (2010.01) H01M 4/66 (2006.01)**

[25] EN

[54] **RECHARGEABLE MAGNESIUM ION CELL COMPONENTS AND ASSEMBLY**

[54] **COMPOSANTS DE PILE RECHARGEABLE AU MAGNESIUM-ION ET ENSEMBLE ASSOCIE**

[72] DOE, ROBERT ELLIS, US
[72] BLOMGREN, GEORGE EARL, US
[72] PERSSON, KRISTIN ASLAUG, US
[71] PELLION TECHNOLOGIES INC., US
[85] 2013-09-06
[86] 2012-03-05 (PCT/US2012/027669)
[87] (WO2012/122080)
[30] US (13/043,296) 2011-03-08

[21] **2,829,343**
[13] A1

[51] **Int.Cl. A47F 3/06 (2006.01) A47F 11/06 (2006.01)**

[25] EN

[54] **INTELLIGENT DISPLAY AND FIXTURE SYSTEM**

[54] **SYSTEME D'AFFICHAGE ET DE FIXATION INTELLIGENT**

[72] GENTILE, JOHN, US
[72] GENTILE, ANTHONY, US
[72] COHEN, STEVEN MARTIN, US
[72] WILKER, SCOTT, US
[71] T-INK, INC., US
[85] 2013-09-06
[86] 2012-03-08 (PCT/US2012/028236)
[87] (WO2012/122357)
[30] US (61/450,395) 2011-03-08

[21] **2,829,345**
[13] A1

[51] **Int.Cl. A61F 7/03 (2006.01)**

[25] EN

[54] **THERMAL TREATMENT DEVICE WITH VARIABLE HEAT DISTRIBUTION**

[54] **DISPOSITIF DE TRAITEMENT THERMIQUE PRESENTANT UNE DISTRIBUTION DE CHALEUR VARIABLE**

[72] KRIKSUNOV, LEO B., US
[72] WYNN, DAVID W., US
[71] MCNEIL-PPC, INC., US
[85] 2013-09-06
[86] 2012-03-08 (PCT/US2012/028197)
[87] (WO2012/122335)
[30] US (61/451,312) 2011-03-10

[21] **2,829,347**
[13] A1

[51] **Int.Cl. C08L 75/04 (2006.01) C08G 18/18 (2006.01) C08J 9/14 (2006.01) C08K 5/02 (2006.01) C08K 5/057 (2006.01) C08K 5/098 (2006.01)**

[25] EN

[54] **IMPROVED STABILITY OF POLYURETHANE POLYOL BLENDS CONTAINING HALOGENATED OLEFIN BLOWING AGENT**

[54] **STABILITE AMELIOREE DE MELANGES DE POLYURETHANE ET DE POLYOL CONTENANT UN AGENT D'EXPANSION A BASE D'OLEFINE HALOGENEE**

[72] CHEN, BENJAMIN B., US
[72] COSTA, JOSEPH S., US
[72] ABBAS, LAURENT, US
[72] LIU, HAIMING, US
[72] SESHADRI, SRI R., US
[72] HONNICK, WILLIAM D., US
[71] ARKEMA INC., US
[85] 2013-09-06
[86] 2012-03-06 (PCT/US2012/027802)
[87] (WO2012/141822)
[30] US (61/475,789) 2011-04-15

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[21] **2,829,348**
[13] A1

[51] **Int.Cl. H01L 25/07 (2006.01) H01L 23/495 (2006.01)**
[25] EN
[54] **TILT MONITOR AND STRESS CONTROLLER FOR ABSORPTION TYPE REFRIGERATOR**
[54] **DISPOSITIF DE CONTROLE D'INCLINAISON ET DE CONTROLE DES CONTRAINTES POUR REFRIGERATEUR DU TYPE A ABSORPTION**
[72] LEISTNER, DAVID WILLIAM, US
[72] HEAGEY, ROBERT C., US
[71] ATWOOD MOBILE PRODUCTS, LLC, US
[85] 2013-09-06
[86] 2012-03-08 (PCT/US2012/028305)
[87] (WO2012/122390)
[30] US (61/450,508) 2011-03-08
[30] US (13/415,380) 2012-03-08

[21] **2,829,349**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DUAL ENERGY AND/OR CONTRAST ENHANCED BREAST IMAGING FOR SCREENING, DIAGNOSIS AND BIOPSY**
[54] **SYSTEME ET PROCEDE POUR UNE IMAGERIE DE SEINS A DOUBLE ENERGIE ET/OU A INJECTION D'UN AGENT DE CONTRASTE POUR UN DEPISTAGE, UN DIAGNOSTIC ET UNE BIOPSIE**
[72] SMITH, ANDREW PAUL, US
[72] STEIN, JAY, US
[72] JING, ZHENXUE, US
[72] REN, BAORUI, US
[72] NIKLASON, LOREN, US
[72] RUTH, CHRISTOPHER, US
[72] SHAW, IAN, US
[71] HOLOGIC, INC., US
[85] 2013-09-06
[86] 2012-03-08 (PCT/US2012/028334)
[87] (WO2012/122399)
[30] US (61/450,304) 2011-03-08

[21] **2,829,350**
[13] A1

[51] **Int.Cl. B65G 17/24 (2006.01)**
[25] EN
[54] **TRANSVERSE DRIVEN-ROLLER BELT AND CONVEYOR**
[54] **BANDE TRANSPORTEUSE A ROULEAUX TRANSVERSAX ENTRAINES ET CONVOYEUR**
[72] FOURNEY, MATTHEW L., US
[71] LAITRAM, L.L.C., US
[85] 2013-09-06
[86] 2012-03-06 (PCT/US2012/027805)
[87] (WO2012/122138)
[30] US (13/044,981) 2011-03-10

[21] **2,829,351**
[13] A1

[51] **Int.Cl. A23G 4/04 (2006.01) A23G 4/02 (2006.01) A23G 4/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF FORMING MULTILAYER CONFECTIONERY**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE CONFISERIE MULTICOUCHE**
[72] JANI, BHARAT, US
[72] MILADINOV, VESSELIN D., US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-09-06
[86] 2012-03-08 (PCT/US2012/028232)
[87] (WO2012/125397)
[30] US (61/451,805) 2011-03-11

[21] **2,829,352**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE MICRO-AIGUILLE**
[72] ZHANG, YING, US
[72] HANSEN, KRISTEN J., US
[72] DETERMAN, AMY S., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-09-06
[86] 2012-03-06 (PCT/US2012/027857)
[87] (WO2012/122162)
[30] US (61/449,993) 2011-03-07

[21] **2,829,354**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE MICRO-AIGUILLE**
[72] ZHANG, YING, US
[72] HANSEN, KRISTEN J., US
[72] DETERMAN, AMY S., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-09-06
[86] 2012-03-06 (PCT/US2012/027858)
[87] (WO2012/122163)
[30] US (61/449,988) 2011-03-07

[21] **2,829,355**
[13] A1

[51] **Int.Cl. A61M 5/34 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **RETRACTABLE SYRINGE WITH SEGMENTED RETAINING LEDGE**
[54] **SERINGUE RETRACTABLE AYANT UN REBORD DE RETENTION SEGMENTE**
[72] CAIZZA, RICHARD, US
[71] MIDLAND MEDICAL DEVICES HOLDINGS, LLC, US
[85] 2013-09-06
[86] 2012-03-06 (PCT/US2012/027924)
[87] (WO2012/122191)
[30] US (61/449,981) 2011-03-07

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[21] **2,829,357**
[13] A1

[51] **Int.Cl. C07F 7/08 (2006.01) C08F 30/08 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **SILOXANE MONOMERS CONTAINING HYDROLYSIS RESISTANCE CARBOSILOXANE LINKAGE, PROCESS FOR THEIR PREPARATION AND THIN FILMS CONTAINING THE SAME FOR CONTACT LENS APPLICATION**
[54] **MONOMERES SILOXANES CONTENANT UNE LIAISON DE CARBOSILOXANE DE RESISTANCE A L'HYDROLYSE, PROCEDE POUR LEUR PREPARATION ET FILMS MINCES LES CONTENANT POUR UNE APPLICATION AUX LENTILLES DE CONTACT**
[72] SAXENA, ANUBHAV, IN
[72] SENTHILKUMAR, UMAPATHY, IN
[72] LEWIS, KENRICK M., US
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2013-09-06
[86] 2011-03-21 (PCT/US2011/029165)
[87] (WO2012/128752)

[21] **2,829,358**
[13] A1

[51] **Int.Cl. H02N 2/18 (2006.01)**
[25] EN
[54] **ELECTROACTIVE POLYMER ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE A POLYMERE ELECTROACTIF**
[72] HITCHCOCK, ROGER NELSON, US
[72] BIGGS, SILMON JAMES, US
[72] JENNINGER, WERNER (DECEASED), DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028406)
[87] (WO2012/122440)
[30] US (61/450,764) 2011-03-09
[30] US (61/450,756) 2011-03-09
[30] US (61/450,762) 2011-03-09
[30] US (61/450,758) 2011-03-09
[30] US (61/490,418) 2011-05-26
[30] US (61/545,295) 2011-10-10

[21] **2,829,360**
[13] A1

[51] **Int.Cl. G05D 1/10 (2006.01)**
[25] EN
[54] **FLIGHT CONTROL LAWS FOR CONSTANT VECTOR FLAT TURNS**
[54] **LOIS DE COMMANDE DE VOL POUR VIRAGES A PLAT A VECTEUR CONSTANT**
[72] CHRISTENSEN, KEVIN THOMAS, US
[72] SHUE, SHYHPYNG JACK, US
[72] CAUDILL, TROY SHELDON, US
[71] BELL HELICOPTER TEXTRON INC., US
[85] 2013-09-06
[86] 2011-03-30 (PCT/US2011/030498)
[87] (WO2012/134460)

[21] **2,829,361**
[13] A1

[51] **Int.Cl. G01N 30/36 (2006.01) A61K 31/506 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PEPTIDE DEFORMYLASE INHIBITORS**
[54] **INHIBITEURS DE LA PEPTIDE DEFORMYLASE**
[72] AUBART, KELLY M., US
[72] BENOWITZ, ANDREW B., US
[72] FANG, YUHONG, US
[72] HOFFMAN, JAMES, US
[72] KARPINSKI, JOSEPH M., US
[72] KNOX, ANDREW NICHOLSON, US
[72] LIAO, XIANGMIN, US
[72] QIN, DONGHUI, US
[72] SHI, DONGCHUAN, US
[72] SPLETOSER, JARED T., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028424)
[87] (WO2012/122450)
[30] US (61/450,784) 2011-03-09

[21] **2,829,363**
[13] A1

[51] **Int.Cl. F25D 17/04 (2006.01) F25B 9/12 (2006.01)**
[25] EN
[54] **HELIUM CHARGED REFRIGERATOR**
[54] **REFRIGERATEUR A L'HELIUM**
[72] LEISTNER, DAVID WILLIAM, US
[72] JIANG, MARCO, CN
[71] ATWOOD MOBILE PRODUCTS LLC, US
[85] 2013-09-06
[86] 2012-03-08 (PCT/US2012/028374)
[87] (WO2012/122429)
[30] US (61/450,237) 2011-03-08
[30] US (13/415,796) 2012-03-08

[21] **2,829,367**
[13] A1

[51] **Int.Cl. A61K 47/44 (2006.01) A61K 9/10 (2006.01) A61K 39/395 (2006.01) A61K 47/14 (2006.01)**
[25] EN
[54] **NON-AQUEOUS HIGH CONCENTRATION REDUCED VISCOSITY SUSPENSION FORMULATIONS OF ANTIBODIES**
[54] **FORMULATIONS NON AQUEUSES D'ANTICORPS DE MISE EN SUSPENSION DE VISCOSITE REDUITE A HAUTE CONCENTRATION**
[72] DAI, WEIGUO, US
[72] HILL, BETH, US
[72] LIU, KUI, US
[72] MIECZKOWSKI, CARL, US
[71] JANSSEN BIOTECH INC., US
[85] 2013-09-06
[86] 2011-09-30 (PCT/US2011/054257)
[87] (WO2012/121754)
[30] US (13/043,925) 2011-03-09

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[21] **2,829,369**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **CAPSULAR MEMBRANE TREATMENTS TO INCREASE ACCOMMODATIVE AMPLITUDE**
[54] **TRAITEMENTS DE MEMBRANE CAPSULAIRE DESTINES A AUGMENTER L'AMPLITUDE D'ACCOMMODATION**
[72] BOR, ZSOLT, US
[72] BRADY, DANIEL G., US
[72] GERAGHTY, EDWARD, US
[72] REISIN, CARINA R., US
[72] CALI, DOUGLAS, US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028090)
[87] (WO2012/122281)
[30] US (13/043,149) 2011-03-08

[21] **2,829,372**
[13] A1

[51] **Int.Cl. A61M 5/34 (2006.01) A61M 5/315 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **RETRACTABLE SYRINGE WITH LOCKING PLUNGER**
[54] **SERINGUE RETRACTABLE AYANT UN PISTON VERROUILLABLE**
[72] CAIZZA, RICHARD, US
[72] BOJAN, JAY, US
[71] MIDLAND MEDICAL DEVICES HOLDINGS, LLC, US
[85] 2013-09-06
[86] 2012-03-06 (PCT/US2012/027925)
[87] (WO2012/122192)
[30] US (61/449,998) 2011-03-07

[21] **2,829,373**
[13] A1

[51] **Int.Cl. D21H 17/33 (2006.01) B01D 39/02 (2006.01) B29C 67/20 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE FIBROUS PRODUCTS**
[54] **PRODUITS FIBREUX A HAUTE PERFORMANCE**
[72] JOGIKALMATH, GANGADHAR, US
[72] SOANE, DAVID S., US
[71] NANOPAPER, LLC, US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028054)
[87] (WO2012/122257)
[30] US (61/450,407) 2011-03-08

[21] **2,829,374**
[13] A1

[51] **Int.Cl. A61F 2/14 (2006.01)**
[25] EN
[54] **CAPSULAR MEMBRANE IMPLANTS TO INCREASE ACCOMMODATIVE AMPLITUDE**
[54] **IMPLANTS DE TYPE MEMBRANE CAPSULAIRE POUR ACCROITRE L'AMPLITUDE ACCOMMODATIVE**
[72] BRADY, DANIEL G., US
[72] BOR, ZSOLT, US
[72] GERAGHTY, EDWARD, US
[72] BASINGER, BROOKE, US
[72] REISIN, CARINA R., US
[72] CALI, DOUGLAS, US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028095)
[87] (WO2012/122285)
[30] US (13/043,178) 2011-03-08

[21] **2,829,377**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **ELECTROACTIVE POLYMER ACTUATOR FEEDBACK APPARATUS SYSTEM, AND METHOD**
[54] **SYSTEME D'APPAREIL DE COMMANDE DE RETROACTION D'UN ACTIONNEUR POLYMERE ELECTROACTIF ET PROCEDE ASSOCIE**
[72] BIGGS, SILMON JAMES, US
[72] HITCHCOCK, ROGER N., US
[71] BAYER INTELLECTUAL PORPERTY GMBH, DE
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028402)
[87] (WO2012/122438)
[30] US (61/450,772) 2011-03-09
[30] US (61/472,777) 2011-04-07

[21] **2,829,378**
[13] A1

[51] **Int.Cl. E21B 47/10 (2012.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01) G01F 1/80 (2006.01)**
[25] EN
[54] **METHOD FOR CHARACTERIZING SUBSURFACE FORMATIONS USING FLUID PRESSURE RESPONSE DURING DRILLING OPERATIONS**
[54] **PROCEDE DE CARACTERISATION DE FORMATIONS SOUTERRAINES UTILISANT UNE REPOSE DE PRESSION DE FLUIDE PENDANT DES OPERATIONS DE FORAGE**
[72] SEHSAH, OSSAMA R., US
[71] PRAD RESEARCH AND DEVELOPMENT LIMITED, VG
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028471)
[87] (WO2012/122470)
[30] US (61/450,651) 2011-03-09

[21] **2,829,379**
[13] A1

[51] **Int.Cl. E02F 9/22 (2006.01) B66F 9/065 (2006.01) B66F 11/04 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **IMPLEMENT COUPLING SYSTEM FOR A POWER MACHINE**
[54] **SYSTEME DE COUPLAGE D'OUTIL POUR MACHINE ELECTRIQUE**
[72] BILLAUD, GAETAN, FR
[71] CLARK EQUIPMENT COMPANY, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028465)
[87] (WO2012/122469)
[30] US (61/451,405) 2011-03-10

[21] **2,829,382**
[13] A1

[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **EARPUFF**
[54] **CAPUCHON D'ECOUTEUR**
[72] GRANOVETTER, RANDY, US
[72] KUTNICK, ROBERT D., US
[71] TAIDA COMPANY, LLC, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028463)
[87] (WO2012/125451)
[30] US (61/451,895) 2011-03-11

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[21] **2,829,385**
[13] A1

[51] **Int.Cl. A61K 35/37 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TRANSPLANTATION OF COLON MICROBIOTA**
[54] **COMPOSITIONS ET PROCEDES DE TRANSPLANTATION DU MICROBIOTE DU COLON**
[72] SADOWSKY, MICHAEL J., US
[72] KHORUTS, ALEXANDER, US
[72] WEINGARDEN, ALEXA R., US
[72] HAMILTON, MATTHEW J., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028484)
[87] (WO2012/122478)
[30] US (61/450,838) 2011-03-09

[21] **2,829,386**
[13] A1

[51] **Int.Cl. A61F 2/18 (2006.01) A61F 2/78 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **OUTER EAR BONE ANCHOR**
[54] **ANCRAGE OSSEUX D'OREILLE EXTERNE**
[72] HEDDON, CHRIS, US
[71] HEDDON, CHRIS, US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028149)
[87] (WO2012/122319)
[30] US (61/449,800) 2011-03-07

[21] **2,829,387**
[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01) A61M 5/178 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **CONNECTOR FOR CONNECTING A SYRINGE TO A GASTROSTOMY TUBE AND RELATED METHODS THEREFOR**
[54] **CONNECTEUR PERMETTANT DE CONNECTER UNE SERINGUE A UN TUBE GASTROSTOMIQUE**
[72] FITZGERALD, ALAN, IE
[72] DEIGHAN, CIARA, IE
[72] DALY, PAUL J., IE
[71] COVIDIEN LP, US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028061)
[87] (WO2012/122261)
[30] EP (EP11001934.6) 2011-03-09

[21] **2,829,388**
[13] A1

[51] **Int.Cl. F21V 7/04 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DEVICE WITH ADJUSTABLE LIGHT OUTPUT PROFILE**
[54] **DISPOSITIF ELECTROLUMINESCENT DOTE D'UN PROFIL DE FLUX LUMINEUX REGLABLE**
[72] NICHOL, ANTHONY JOHN, US
[72] COLEMAN, ZANE ARTHUR, US
[72] PUCYLOWSKI, SHAWN MICHAEL, US
[71] FLEX LIGHTING II, LLC, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028578)
[87] (WO2012/122511)
[30] US (61/450,711) 2011-03-09

[21] **2,829,389**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) H04W 12/04 (2009.01) E05B 65/14 (2006.01) H04B 1/034 (2006.01)**
[25] EN
[54] **LOCK**
[54] **VERROU**
[72] UFKES, PHILIP J., US
[71] SECURITY ENHANCEMENT SYSTEMS, LLC, US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028073)
[87] (WO2012/122268)
[30] US (61/450,185) 2011-03-08

[21] **2,829,390**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01)**
[25] EN
[54] **SHAPE MEMORY POLYMER INTRAOCULAR LENSES**
[54] **LENTILLES INTRAOCULAIRES EN POLYMERE A MEMOIRE DE FORME**
[72] KAHOOK, MALIK Y., US
[72] MANDAVA, NARESH, US
[72] SHANDAS, ROBIN, US
[72] RECH, BRYAN, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2013-09-06
[86] 2012-03-07 (PCT/US2012/028150)
[87] (WO2012/122320)
[30] US (61/449,865) 2011-03-07
[30] US (61/474,696) 2011-04-12

[21] **2,829,391**
[13] A1

[51] **Int.Cl. B21C 23/04 (2006.01) B21C 23/08 (2006.01) B22F 3/20 (2006.01)**
[25] EN
[54] **EXTRUSION OF HIGH TEMPERATURE FORMABLE NON-FERROUS METALS**
[54] **EXTRUSION DE METAUX NON FERREUX FORMABLES A TEMPERATURE ELEVEE**
[72] WILSON, ROBERT SIMON, AU
[72] YOUSUFF, MERCHANT, AU
[72] STONE, NIGEL AUSTIN, AU
[72] RITCHIE, DAVID JAMES BELL, AU
[72] CANTIN, GERSENDE MARIE DELPHINE, AU
[72] GIBSON, MARK ANTONY, AU
[72] THOMAS, IAN, CURTIS, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2013-09-09
[86] 2012-03-07 (PCT/AU2012/000231)
[87] (WO2012/119196)
[30] AU (2011900864) 2011-03-10

[21] **2,829,394**
[13] A1

[51] **Int.Cl. B60T 7/20 (2006.01) B60D 1/30 (2006.01) B60T 7/12 (2006.01) B60T 8/1755 (2006.01) B62D 59/02 (2006.01) B62D 63/08 (2006.01) B62D 65/12 (2006.01)**
[25] EN
[54] **AN ELECTRIC STABILITY CONTROL SYSTEM AND DEVICE FOR CONTROLLING SWAY STABILITY OF A CARAVAN OR TRAILER AND THE LIKE.**
[54] **SYSTEME DE CONTROLE DE STABILITE ELECTRIQUE ET DISPOSITIF POUR CONTROLER LA STABILITE LATERALE D'UNE CARAVANE, UNE REMORQUE OU AUTRE DU MEME GENRE**
[72] FUNDER, ROBERT, AU
[72] COX, SIMON, AU
[71] AL-KO INTERNATIONAL PTY LTD, AU
[85] 2013-09-09
[86] 2012-03-08 (PCT/AU2012/000239)
[87] (WO2012/119199)
[30] AU (2011900817) 2011-03-08
[30] AU (2011902032) 2011-05-25

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[21] **2,829,398**
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) C02F 11/02 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING ORGANIC WASTE**
[54] **PROCEDE DE TRAITEMENT DE DECHETS ORGANIQUES**
[72] GREEN, LAWRENCE R., US
[71] BOKASHICYCLE NVC LLC, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028612)
[87] (WO2012/122530)
[30] US (61/451,546) 2011-03-10

[21] **2,829,400**
[13] A1

[51] **Int.Cl. A61K 9/19 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 38/22 (2006.01) A61K 38/26 (2006.01) A61K 38/28 (2006.01)**
[25] EN
[54] **STABLE FORMULATIONS FOR PARENTERAL INJECTION OF PEPTIDE DRUGS**
[54] **FORMULATIONS STABLES POUR INJECTION PARENTERALE DE MEDICAMENTS PEPTIDIQUES**
[72] PRESTRELSKI, STEVEN, US
[72] KINZELL, JOHN, US
[71] XERIS PHARMACEUTICALS, INC., US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028621)
[87] (WO2012/122535)
[30] US (61/451,568) 2011-03-10
[30] US (61/478,692) 2011-04-25
[30] US (61/553,388) 2011-10-31
[30] US (61/609,123) 2012-03-09

[21] **2,829,401**
[13] A1

[51] **Int.Cl. G01N 33/24 (2006.01)**
[25] EN
[54] **ANALYZING FLUID RELEASE PROPERTIES OF A SUBTERRANEAN AREA OF THE EARTH**
[54] **ANALYSE DES PROPRIETES DE LIBERATION DES FLUIDES D'UNE ZONE SOUTERRAINE DU SOL TERRESTRE**
[72] EVENSEN, JOSEPH M., US
[71] BREAKTHROUGH RESEARCH PETROPHYSICS, LLC, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028622)
[87] (WO2012/125501)
[30] US (13/045,525) 2011-03-11

[21] **2,829,402**
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TESTING CONTENT OF MOBILE COMMUNICATION DEVICES**
[54] **SYSTEMES ET PROCEDES POUR TESTER LE CONTENU DE DISPOSITIFS DE COMMUNICATION MOBILE**
[72] ARSENEAU, ERIC JEAN-PAUL, US
[72] HYLANDS, JONATHAN PAUL, CA
[71] ASSET SCIENCE LLC, US
[85] 2013-09-09
[86] 2012-03-02 (PCT/CA2012/000186)
[87] (WO2012/119222)
[30] US (13/043,869) 2011-03-09

[21] **2,829,403**
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MODIFYING CONTENT OF MOBILE COMMUNICATION DEVICES**
[54] **SYSTEMES ET PROCEDES POUR MODIFIER UN CONTENU DE DISPOSITIFS DE COMMUNICATION MOBILE**
[72] ARSENEAU, ERIC JEAN-PAUL, US
[72] HYLANDS, JONATHAN PAUL, CA
[71] ASSET SCIENCE LLC, US
[85] 2013-09-09
[86] 2012-03-02 (PCT/CA2012/000188)
[87] (WO2012/119224)
[30] US (13/043,910) 2011-03-09

[21] **2,829,405**
[13] A1

[51] **Int.Cl. B03C 1/02 (2006.01) A23L 1/48 (2006.01) A61K 35/14 (2006.01) A61M 1/38 (2006.01) B01D 43/00 (2006.01) B03C 1/10 (2006.01) B03C 1/28 (2006.01) B03C 1/30 (2006.01) C07K 1/22 (2006.01) C12M 1/00 (2006.01) C12N 1/00 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MAGNETIC PARTICLE SCAVENGING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE PIEGEAGE DE PARTICULES MAGNETIQUES**
[72] YANG, GUISHENG, CA
[71] YANG, GUISHENG, CA
[85] 2013-09-09
[86] 2012-03-09 (PCT/CA2012/000198)
[87] (WO2012/122627)
[30] US (61/451,808) 2011-03-11

[21] **2,829,410**
[13] A1

[51] **Int.Cl. E04F 13/21 (2006.01) E04C 1/00 (2006.01) E04F 13/24 (2006.01)**
[25] EN
[54] **CLIPS FOR THIN BRICK WALL SYSTEM**
[54] **ATTACHES POUR SYSTEME DE MUR DE BRIQUE FINE**
[72] HUFF, ROBERT, CA
[71] QUADROSERIA CORPORATION, CA
[85] 2013-09-09
[86] 2012-03-08 (PCT/CA2012/000216)
[87] (WO2012/119239)
[30] US (61/450,676) 2011-03-09

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[21] **2,829,413**
[13] A1

[51] **Int.Cl. C08L 97/02 (2006.01) C07G 1/00 (2011.01) C08K 5/05 (2006.01) D21B 1/02 (2006.01) D21C 1/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING LIGNOCELLULOSIC BIOMASS AND ORGANIC SOLVENT**

[54] **COMPOSITIONS COMPRENANT UNE BIOMASSE LIGNOCELLULOSIQUE ET UN SOLVANT ORGANIQUE**

[72] SOUTH, COLIN ROBERT, US

[72] BALAKSHIN, MIKHAIL YUREVICH, CA

[72] CAPANEMA, EWELLYN, CA

[71] LIGNOL INNOVATIONS LTD., CA

[85] 2013-09-09

[86] 2012-03-23 (PCT/CA2012/000265)

[87] (WO2012/126099)

[30] US (61/467,319) 2011-03-24

[21] **2,829,417**
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/10 (2006.01)**

[25] EN

[54] **PROPAGATION CONTAINER FOR PLANTS AND PROPAGATION PLATE HAVING SEVERAL SUCH PROPAGATION CONTAINERS**

[54] **CONTENEUR DE CULTURE POUR PLANTES ET PLAQUE DE CULTURE AYANT PLUSIEURS DE CES CONTENEURS DE CULTURE**

[72] KUBERN, JUERGEN, DE

[71] KUBERN, JUERGEN, DE

[85] 2013-09-09

[86] 2012-02-03 (PCT/EP2012/000501)

[87] (WO2012/130354)

[30] DE (10 2011 015 124.9) 2011-03-25

[21] **2,829,418**
[13] A1

[51] **Int.Cl. H04B 1/66 (2006.01) H04H 20/42 (2009.01) H04H 20/51 (2009.01) H04N 21/266 (2011.01) H03M 7/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR INCREASING TRANSMISSION BANDWIDTH EFFICIENCY**

[54] **SYSTEME ET PROCEDE D'AUGMENTATION DE L'EFFICACITE DE LA BANDE PASSANTE DE TRANSMISSION**

[72] MARKO, PAUL, US

[72] SMALLCOMB, JOSEPH, US

[72] MICHALSKI, RICHARD, US

[71] SIRIUS XM RADIO, INC., US

[85] 2013-09-06

[86] 2012-03-09 (PCT/US2012/028637)

[87] (WO2012/122543)

[30] US (61/450,840) 2011-03-09

[21] **2,829,420**
[13] A1

[51] **Int.Cl. F16B 33/00 (2006.01) F16B 43/00 (2006.01)**

[25] EN

[54] **FASTENING SYSTEM FOR ASSEMBLING PANELS OF DISSIMILAR MATERIALS**

[54] **SYSTEME DE FIXATION POUR L'ASSEMBLAGE DE PANNEAUX EN MATERIAUX DIFFERENTS**

[72] OLSON, BARRY D., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2013-09-06

[86] 2012-04-12 (PCT/US2012/033205)

[87] (WO2012/142212)

[30] US (61/474,935) 2011-04-13

[21] **2,829,421**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **AMATOXIN-CONJUGATES WITH IMPROVED LINKAGES**

[54] **CONJUGUES D'AMATOXINE A LIAISONS AMELIOREES**

[72] SIMON, WERNER, DE

[72] LUTZ, CHRISTIAN, DE

[72] MULLER, CHRISTOPH, DE

[72] ANDERL, JAN, DE

[71] HEIDELBERG PHARMA GMBH, DE

[85] 2013-09-09

[86] 2012-03-09 (PCT/EP2012/001072)

[87] (WO2012/119787)

[30] EP (11001999.9) 2011-03-10

[21] **2,829,423**
[13] A1

[51] **Int.Cl. F16B 33/00 (2006.01) E04F 13/08 (2006.01) F16B 43/00 (2006.01)**

[25] EN

[54] **WALL PANELS OF DISSIMILAR MATERIALS**

[54] **PANNEAUX MURAUX EN MATERIAUX DIFFERENTS**

[72] OLSON, BARRY D., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2013-09-06

[86] 2012-04-12 (PCT/US2012/033215)

[87] (WO2012/142218)

[30] US (61/474,941) 2011-04-13

[21] **2,829,425**
[13] A1

[51] **Int.Cl. E03C 1/04 (2006.01) E03C 1/05 (2006.01)**

[25] EN

[54] **SANITARY FITTING COMPRISING A FITTING HOUSING AND AN ELECTRICAL CONTROL UNIT**

[54] **ROBINETTERIE SANITAIRE POURVUE D'UN BOITIER DE ROBINETTERIE ET D'UNE UNITE DE CONTROLE ELECTRIQUE**

[72] WAWRLA, ANDREAS, CH

[71] AQUIS SANITAR AG, CH

[85] 2013-09-09

[86] 2012-03-14 (PCT/EP2012/001132)

[87] (WO2012/123112)

[30] DE (10 2011 013 914.1) 2011-03-14

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[21] **2,829,429**
[13] A1

[51] **Int.Cl. F16B 33/00 (2006.01) E04F 13/08 (2006.01) F16B 43/00 (2006.01)**

[25] EN

[54] **BUILDING WITH PANELS OF DISSIMILAR MATERIALS**

[54] **BATIMENT AVEC DES PANNEAUX EN MATERIAUX DIFFERENTS**

[72] OLSON, BARRY D., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2013-09-06

[86] 2012-04-12 (PCT/US2012/033224)

[87] (WO2012/142224)

[30] US (61/474,955) 2011-04-13

[21] **2,829,431**
[13] A1

[51] **Int.Cl. F16B 33/00 (2006.01) E04F 13/08 (2006.01) F16B 43/00 (2006.01)**

[25] EN

[54] **METHOD FOR ASSEMBLING PANELS OF DISSIMILAR MATERIALS**

[54] **METHODE D'ASSEMBLAGE DE PANNEAUX EN MATERIAUX DIFFERENTS**

[72] OLSON, BARRY D., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2013-09-06

[86] 2012-04-12 (PCT/US2012/033249)

[87] (WO2012/142239)

[30] US (61/474,960) 2011-04-13

[21] **2,829,432**
[13] A1

[51] **Int.Cl. C10G 45/08 (2006.01) B01J 23/28 (2006.01) B01J 23/74 (2006.01) C10G 3/00 (2006.01) C10G 65/00 (2006.01)**

[25] EN

[54] **METHODS AND CATALYSTS FOR DEOXYGENATING BIOMASS-DERIVED PYROLYSIS OIL**

[54] **PROCEDES ET CATALYSEURS POUR DESOXYGENER UNE HUILE DE PYROLYSE ISSUE DE BIOMASSE**

[72] TRAYNOR, THOMAS, US

[72] BRANDVOLD, TIMOTHY A., US

[72] ABRAHAMIAN, JENNIFER F., US

[71] UOP LLC, US

[85] 2013-09-06

[86] 2012-05-21 (PCT/US2012/038747)

[87] (WO2012/166402)

[30] US (13/150,844) 2011-06-01

[21] **2,829,446**
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/91 (2006.01) A61Q 5/02 (2006.01)**

[25] FR

[54] **COMB POLYMERS FOR THE HAIR**

[54] **POLYMERES PEIGNES POUR LES CHEVEUX**

[72] SUAU, JEAN-MARC, FR

[72] GUERRET, OLIVIER, FR

[71] COATEX, FR

[85] 2013-09-09

[86] 2012-01-26 (PCT/FR2012/050170)

[87] (WO2012/131201)

[30] FR (1152530) 2011-03-28

[21] **2,829,449**
[13] A1

[51] **Int.Cl. A01N 25/34 (2006.01) A01N 59/08 (2006.01) A61K 33/00 (2006.01)**

[25] EN

[54] **A STABLE COMPOSITION OF HOCl, PROCESSES FOR ITS PRODUCTION AND USES THEREOF**

[54] **COMPOSITION STABLE DE HOCL, PROCEDES POUR SA PRODUCTION ET SES UTILISATIONS**

[72] MALLET, CHRISTOPHER, GB

[72] WEDERELL, CHRISTOPHER (DECEASED), GB

[72] SINDEN, RICHARD, GB

[71] BIOMIMETICS HEALTH INDUSTRIES LIMITED, MT

[85] 2013-09-09

[86] 2012-03-08 (PCT/GB2012/000228)

[87] (WO2012/123695)

[30] GB (1104180.3) 2011-03-11

[21] **2,829,451**
[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/528 (2006.01) C09K 8/78 (2006.01) E21B 21/00 (2006.01)**

[25] EN

[54] **TREATMENT FLUIDS CONTAINING A BIODEGRADABLE CHELATING AGENT AND METHODS FOR USE THEREOF**

[54] **FLUIDES DE TRAITEMENT CONTENANT UN AGENT CHELATEUR BIODEGRADABLE ET PROCEDES D'UTILISATION DE CEUX-CI**

[72] REYES, ENRIQUE A., US

[72] WELTON, THOMAS D., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-09-09

[86] 2012-03-16 (PCT/GB2012/000247)

[87] (WO2012/127183)

[30] US (13/051,827) 2011-03-18

[21] **2,829,453**
[13] A1

[51] **Int.Cl. A23K 1/10 (2006.01) A23K 1/16 (2006.01) A23K 1/175 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR NUTRITIONAL SUPPLEMENTATION**

[54] **COMPOSITIONS ET PROCEDES DESTINES A LA SUPPLEMENTATION NUTRITIONNELLE**

[72] BRUHEIM, INGE, NO

[72] GRIINARI, MIKKO, FI

[72] REMOY, STIG RUNE, NO

[71] OLYMPIC SEAFOOD AS, NO

[85] 2013-09-09

[86] 2012-03-07 (PCT/IB2012/000586)

[87] (WO2012/120378)

[30] US (61/450,066) 2011-03-07

[30] US (13/413,523) 2012-03-06

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[21] **2,829,457**
[13] A1

[51] **Int.Cl. H04N 7/18 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REAL TIME VIDEO IMAGING OF THE SNOUT INTERIOR ON A HOT DIP COATING LINE**
[54] **PROCEDE ET APPAREIL D'IMAGERIE VIDEO EN TEMPS REEL DE L'INTERIEUR DU BEC D'UNE LIGNE DE REVETEMENT EN BAIN FONDU**
[72] ROTOLE, JOHN, US
[72] KRCMARIC, CHARLES, US
[71] ARCELORMITTAL INVESTIGACION Y DESAROLLO SL, ES
[71] CONNORS INDUSTRIALS, INC, US
[85] 2013-09-09
[86] 2012-02-28 (PCT/IB2012/000588)
[87] (WO2012/153171)
[30] US (61/463,993) 2011-02-28

[21] **2,829,464**
[13] A1

[51] **Int.Cl. G01S 19/22 (2010.01)**
[25] EN
[54] **OBJECT DETECTION AND POSITION DETERMINATION BY RELECTED GLOBAL NAVIGATION SATELLITE SYSTEM SIGNALS**
[54] **DETECTION ET DETERMINATION DE LA POSITION D'UN OBJET AU MOYEN DE SIGNAUX GNSS REFLECHIS**
[72] SOSULIN, YURY, RU
[72] TATARNIKOV, DMITRY, RU
[71] TOPCON POSITIONING SYSTEMS, INC., US
[85] 2013-09-09
[86] 2012-04-24 (PCT/IB2012/000795)
[87] (WO2012/146969)
[30] US (61/479,902) 2011-04-28
[30] US (13/454,192) 2012-04-24

[21] **2,829,473**
[13] A1

[51] **Int.Cl. F41G 3/06 (2006.01)**
[25] EN
[54] **FIREARM, AIMING SYSTEM THEREFOR, METHOD OF OPERATING THE FIREARM AND METHOD OF REDUCING THE PROBABILITY OF MISSING A TARGET**
[54] **ARME A FEU, SYSTEME DE VISEE POUR CELLE-CI, PROCEDE D'UTILISATION DE L'ARME A FEU ET PROCEDE POUR REDUIRE LA PROBABILITE DE MANQUER UNE CIBLE**
[72] EHRlich, AVSHALOM, IL
[71] SMART SHOOTER LTD., IL
[85] 2013-09-09
[86] 2012-03-22 (PCT/IB2012/051389)
[87] (WO2012/131548)
[30] IL (211966) 2011-03-28

[21] **2,829,461**
[13] A1

[51] **Int.Cl. H01Q 9/04 (2006.01) H01Q 5/00 (2006.01) H01Q 13/10 (2006.01)**
[25] EN
[54] **COMPACT DUAL-FREQUENCY PATCH ANTENNA**
[54] **ANTENNE PLAQUE COMPACTE DOUBLE FREQUENCE**
[72] TATARNIKOV, DMITRY, RU
[72] STEPANENKO, ANTON, RU
[72] ASTAKHOV, ANDREY, RU
[71] TOPCON POSITIONING SYSTEMS, INC., US
[85] 2013-09-09
[86] 2012-04-18 (PCT/IB2012/000768)
[87] (WO2012/146964)
[30] US (61/478,632) 2011-04-25
[30] US (13/448,450) 2012-04-17

[21] **2,829,466**
[13] A1

[51] **Int.Cl. C07D 265/36 (2006.01) A61K 31/538 (2006.01) A61P 5/18 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **BENZO [B] [1,4] OXAZIN DERIVATIVES AS CALCIUM SENSING RECEPTOR MODULATORS**
[54] **DERIVES DE BENZO [B] [1,4] OXAZINE EN TANT QUE MODULATEURS DU RECEPTEUR SENSIBLE AU CALCIUM**
[72] SHUKLA, MANOJKUMAR RAMPRASAD, IN
[72] ANKUSH, SARDE GANGARAM, IN
[72] VIPUL, PACHPUTE DILIP, IN
[72] SAYYED, MAJID BASHIR, IN
[72] TRYAMBAKE, MAHADEO BHASKAR, IN
[72] PAWAR, CHETAN SANJAY, IN
[72] GOTE, GANESH NAVINCHANDRA, IN
[72] KULKARNI, SANJEEV ANANT, IN
[72] PALLE, VENKATA P., IN
[72] KAMBOJ, RAJENDER KUMAR, IN
[71] LUPIN LIMITED, IN
[85] 2013-09-09
[86] 2012-03-16 (PCT/IB2012/051268)
[87] (WO2012/127388)
[30] IN (367/KOL/2011) 2011-03-18

[21] **2,829,479**
[13] A1

[51] **Int.Cl. F16B 13/06 (2006.01)**
[25] EN
[54] **EXPANSION BUSHING DOWEL**
[54] **GOUJON A MANCHON D'EXPANSION**
[72] BERGEZ, AURELIE, FR
[72] GAUTHIER, ALAIN, FR
[72] BARTHOMEUF, JEAN-PAUL, FR
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR
[85] 2013-09-09
[86] 2012-05-07 (PCT/IB2012/052268)
[87] (WO2012/120488)
[30] FR (1151856) 2011-03-07

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[21] **2,829,480**
[13] A1

[51] **Int.Cl. F25B 49/04 (2006.01) F25B 15/00 (2006.01) F25B 49/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IMPROVING STILLAGE**

[54] **SYSTEMES ET PROCEDES D'AMELIORATION DE LA DRECHE**

[72] TEWALT, JACOB P., US

[72] LEWIS, STEPHEN M., US

[72] BOOTSMA, JASON A., US

[71] POET RESEARCH, INC., US

[85] 2013-09-06

[86] 2012-03-08 (PCT/US2012/028311)

[87] (WO2012/122393)

[30] US (61/450,228) 2011-03-08

[21] **2,829,481**
[13] A1

[51] **Int.Cl. C11B 1/10 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **METHODS OF PRODUCING BIOFUELS, CHLOROPHYLLS AND CAROTENOIDS**

[54] **PROCEDES DE PRODUCTION DE BIOCARBURANTS, DE CHLOROPHYLLES ET DE CAROTENOIDES**

[72] KALE, ANIKET, US

[71] HELIAE DEVELOPMENT, LLC, US

[85] 2013-09-09

[86] 2012-03-02 (PCT/US2012/027537)

[87] (WO2012/138438)

[30] US (13/081,221) 2011-04-06

[30] US (13/149,595) 2011-05-31

[21] **2,829,484**
[13] A1

[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **MULTI SOURCE AND DESTINATION MEDIA DISCOVERY AND MANAGEMENT PLATFORM**

[54] **PLATEFORME DE DECOUVERTE ET DE GESTION MULTIMEDIA A SOURCES ET DESTINATIONS MULTIPLES**

[72] ODRYNA, VICTOR, US

[72] BACON, JEFFREY R., US

[72] HINCKLEY, KEE, US

[72] ROSE, GARY, US

[72] SMILEY, RICHARD I., US

[72] ULMER, BLAKE, US

[72] SHIMER, PRESTON C., US

[71] TIVO INC., US

[85] 2013-09-06

[86] 2012-03-08 (PCT/US2012/028335)

[87] (WO2012/122400)

[30] US (61/450,472) 2011-03-08

[30] US (61/559,782) 2011-11-15

[21] **2,829,486**
[13] A1

[51] **Int.Cl. C08L 75/04 (2006.01) C08G 18/18 (2006.01) C08J 9/14 (2006.01) C08K 5/02 (2006.01) C08K 5/098 (2006.01)**

[25] EN

[54] **IMPROVED STABILITY OF POLYURETHANE POLYOL BLENDS CONTAINING HALOGENATED OLEFIN BLOWING AGENT**

[54] **STABILITE AMELIOREE DE MELANGES DE POLYURETHANNE POLYOL CONTENANT UN AGENT GONFLANT D'OLEFINE HALOGENEE**

[72] CHEN, BENJAMIN B., US

[72] COSTA, JOSEPH S., US

[72] ABBAS, LAURENT, US

[72] LIU, HAIMING, US

[72] SESHADRI, SRI R., US

[71] ARKEMA INC., US

[85] 2013-09-09

[86] 2012-03-06 (PCT/US2012/027800)

[87] (WO2012/150998)

[30] US (61/451,673) 2011-03-11

[21] **2,829,489**
[13] A1

[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/18 (2006.01) C11D 3/20 (2006.01) C11D 3/30 (2006.01) C11D 3/37 (2006.01) C11D 17/00 (2006.01) C11D 1/12 (2006.01) C11D 1/722 (2006.01)**

[25] EN

[54] **CLEANING COMPOSITION CONTAINING POLYMER MICROEMULSION**

[54] **COMPOSITION DE NETTOYAGE CONTENANT UNE MICROEMULSION DE POLYMERES**

[72] BRITTON, CLAUDIA E., US

[71] ILLINOIS TOOL WORKS INC., US

[85] 2013-09-09

[86] 2012-03-07 (PCT/US2012/027948)

[87] (WO2012/122200)

[30] US (61/449,801) 2011-03-07

[30] US (13/352,895) 2012-01-18

[21] **2,829,490**
[13] A1

[51] **Int.Cl. H01B 1/00 (2006.01) H01L 33/44 (2010.01) B32B 18/00 (2006.01) C25B 1/04 (2006.01) C25B 11/10 (2006.01) H01L 31/0216 (2006.01)**

[25] EN

[54] **TRANSPARENT CONDUCTIVE POROUS NANOCOMPOSITES AND METHODS OF FABRICATION THEREOF**

[54] **NANOCOMPOSITES POREUX CONDUCTEURS TRANSPARENTS ET PROCEDES DE FABRICATION ASSOCIES**

[72] O'BRIEN, PAUL GREGORY, CA

[72] PUZZO, DANIEL PATRICK, CA

[72] KHERANI, NAZIR PYARALI, CA

[72] OZIN, GEOFFREY ALAN, CA

[72] CHUTINAN, ALONGKARN, CA

[72] LU, ZHENG-HONG, CA

[72] HELANDER, MICHAEL G., CA

[71] O'BRIEN, PAUL GREGORY, CA

[71] PUZZO, DANIEL PATRICK, CA

[71] KHERANI, NAZIR PYARALI, CA

[71] OZIN, GEOFFREY ALAN, CA

[85] 2013-04-16

[86] 2010-10-15 (PCT/CA2010/001617)

[87] (WO2011/044687)

[30] US (61/252,457) 2009-10-16

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[21] **2,829,491**
[13] A1

[51] **Int.Cl. C01B 33/145 (2006.01) A61L 27/10 (2006.01) A61L 27/44 (2006.01) C01B 33/148 (2006.01)**

[25] EN

[54] **SILICIC ACID CONDENSATES HAVING A LOW DEGREE OF CROSS-LINKING IN A POLYMER MATRIX**

[54] **CONDENSATS D'ACIDE SILICIQUE A FAIBLE RETICULATION INCORPORES DANS UN MATRICE POLYMERE**

[72] GERBER, THOMAS, DE

[71] GERBER, THOMAS, DE

[85] 2013-09-19

[86] 2012-01-31 (PCT/EP2012/051581)

[87] (WO2012/104310)

[30] DE (10 2011 009 838.0) 2011-01-31

[30] DE (10 2011 009 839.9) 2011-01-31

[21] **2,829,492**
[13] A1

[51] **Int.Cl. C10M 135/18 (2006.01)**

[25] EN

[54] **LUBRICATING COMPOSITION CONTAINING A THIOCARBAMATE COMPOUND**

[54] **COMPOSITION LUBRIFIANTE CONTENANT UN THIOCARBAMATE**

[72] ZHANG, YANSHI, US

[72] CRAWLEY, SETH L., US

[72] YODICE, RICHARD, US

[71] THE LUBRIZOL CORPORATION, US

[85] 2013-09-09

[86] 2012-03-07 (PCT/US2012/027951)

[87] (WO2012/122202)

[30] US (61/451,152) 2011-03-10

[21] **2,829,493**
[13] A1

[51] **Int.Cl. H04B 1/66 (2006.01)**

[25] EN

[54] **DEPENDENCY PARAMETER SET FOR SCALABLE VIDEO CODING**

[54] **ENSEMBLE DE PARAMETRES DE DEPENDANCE POUR UN CODAGE VIDEO EVOLUTIF**

[72] BOYCE, JILL, US

[72] HONG, DANNY, US

[72] WENGER, STEPHAN, US

[71] VIDYO, INC., US

[85] 2013-09-09

[86] 2012-03-07 (PCT/US2012/028032)

[87] (WO2012/122246)

[30] US (61/451,454) 2011-03-10

[21] **2,829,494**
[13] A1

[51] **Int.Cl. H04N 7/30 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING TRANSFORM COEFFICIENTS**

[54] **PROCEDE DE CODAGE, PROCEDE DE DECODAGE, ET EQUIPEMENTS POUR DES COEFFICIENTS DE TRANSFORMEE**

[72] SONG, JIN, CN

[72] YANG, MINGYUAN, CN

[72] WANG, DONG, CN

[71] HUAWAI TECHNOLOGIES CO., LTD., CN

[85] 2013-09-09

[86] 2011-11-22 (PCT/CN2011/082597)

[87] (WO2012/119463)

[30] CN (201110057694.9) 2011-03-10

[21] **2,829,497**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61M 5/315 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR DETECTING AN ACTUATION ACTION PERFORMABLE WITH A MEDICAL DEVICE**

[54] **DISPOSITIF ET PROCEDE DE DETECTION D'UNE ACTION D'ACTIONNEMENT POUVANT ETRE REALISEE AVEC UN DISPOSITIF MEDICAL**

[72] GROESCHKE, JASMIN, DE

[72] JUHNKE, HANNO, DE

[72] SPENGLER, JAN-PETER, DE

[72] SCHARF, MATTHIAS, DE

[72] DETTE, CHRISTOPH, DE

[72] SCHRACK, MICHAEL, DE

[72] ZECKAI, OLAF, DE

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-09-09

[86] 2012-03-23 (PCT/EP2012/055252)

[87] (WO2012/127046)

[30] EP (11159593.0) 2011-03-24

[21] **2,829,499**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01)**

[25] EN

[54] **BODILY FLUID ANALYSIS DEVICE**

[54] **DISPOSITIF D'ANALYSE DE FLUIDE CORPOREL**

[72] SCHABBACH, MICHAEL, DE

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-09-09

[86] 2012-03-23 (PCT/EP2012/055256)

[87] (WO2012/130773)

[30] EP (11159864.5) 2011-03-25

[21] **2,829,501**
[13] A1

[51] **Int.Cl. B32B 27/06 (2006.01)**

[25] EN

[54] **PACKAGING AND MATERIALS FOR MAKING SAME**

[54] **EMBALLAGE ET MATERIAUX POUR SA FABRICATION**

[72] SHI, YU, US

[72] VAN GORDON, TODD D., US

[72] WANG, JUN, US

[72] WANG, KAI, CN

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-09-09

[86] 2012-03-02 (PCT/CN2012/071846)

[87] (WO2012/122898)

[30] US (61/451,945) 2011-03-11

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[21] **2,829,503**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING A SUBSET OF POLYNUCLEOTIDES FROM AN INITIAL SET OF POLYNUCLEOTIDES CORRESPONDING TO THE HUMAN GENOME FOR THE IN VITRO DETERMINATION OF THE SEVERITY OF THE HOST RESPONSE OF A PATIENT**

[54] **PROCEDE POUR IDENTIFIER UNE PARTIE DE POLYNUCLEOTIDES DANS UNE QUANTITE DE POLYNUCLEOTIDES DE DEPART CORRESPONDANT AU GENOME HUMAIN POUR LA DETERMINATION IN VITRO DE LA SEVERITE DE LA REPOSE D'HOTE D'UN PATIENT**

[72] MOLLER, EVA, DE
[72] RURYK, ANDRIY, DE
[72] WLOTZKA, BRITTA, DE
[72] GUILLEN, CRISTINA, DE
[72] FELSMANN, KAREN, DE
[71] ANALYTIK JENA AG, DE
[85] 2013-09-09
[86] 2012-03-07 (PCT/EP2012/053870)
[87] (WO2012/120026)
[30] DE (10 2011 005 235.6) 2011-03-08

[21] **2,829,504**
[13] A1

[51] **Int.Cl. B42D 15/00 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **MULTI-LAYER BODY ELEMENT MULTICOUCHE**

[72] TOMPKIN, WAYNE ROBERT, CH
[72] WALTER, HARALD, CH
[71] OVD KINEGRAM AG, CH
[85] 2013-09-09
[86] 2012-03-07 (PCT/EP2012/053873)
[87] (WO2012/123303)
[30] DE (10 2011 014 114.6) 2011-03-15

[21] **2,829,505**
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **INJECTION DEVICE DISPOSITIF D'INJECTION**

[72] SCHUSTER, RALF, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-09-09
[86] 2012-03-28 (PCT/EP2012/055556)
[87] (WO2012/130901)
[30] EP (11160445.0) 2011-03-30

[21] **2,829,506**
[13] A1

[51] **Int.Cl. G01N 31/22 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING A CONCENTRATION OF NITRATE**

[54] **PROCEDE POUR DETERMINER UNE CONCENTRATION EN NITRATE**

[72] RUDDE, HEINZ, DE
[71] HACH LANGE GMBH, DE
[85] 2013-09-09
[86] 2012-03-07 (PCT/EP2012/053915)
[87] (WO2012/123308)
[30] EP (11158356.3) 2011-03-15

[21] **2,829,507**
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01)**
[25] EN
[54] **DOSING MECHANISM MECANISME D'ADMINISTRATION**

[72] MULLER-PATHLE, STEPHAN, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-09-09
[86] 2012-03-28 (PCT/EP2012/055558)
[87] (WO2012/130903)
[30] EP (11160653.9) 2011-03-31

[21] **2,829,508**
[13] A1

[51] **Int.Cl. C09K 8/516 (2006.01) C09K 8/508 (2006.01) C09K 8/575 (2006.01) C09K 17/00 (2006.01)**
[25] EN
[54] **ENCAPSULATED ACTIVATOR AND ITS USE TO TRIGGER A GELLING SYSTEM BY PHYSICAL MEANS**

[54] **ACTIVATEUR ENCAPSULE ET SON UTILISATION POUR DECLANCHER UN SYSTEME GELIFIANT PAR DES MOYENS PHYSIQUES**

[72] CADIX, ARNAUD, FR
[72] RACHED, RABIH, FR
[72] ARDAUD, PIERRE, FR
[71] RHODIA OPERATIONS, FR
[85] 2013-09-09
[86] 2012-03-08 (PCT/EP2012/053970)
[87] (WO2012/123319)
[30] EP (11157866.2) 2011-03-11

[21] **2,829,509**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **NEEDLE ASSEMBLY STORAGE DEVICE**

[54] **DISPOSITIF DE STOCKAGE D'ENSEMBLE AIGUILLE**

[72] DASBACH, UWE, DE
[72] HOFMANN, VERENA, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-09-09
[86] 2012-03-09 (PCT/EP2012/054102)
[87] (WO2012/123354)
[30] EP (11158262.3) 2011-03-15

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[21] **2,829,510**
[13] A1

[51] **Int.Cl. A47J 31/22 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **BEVERAGE CAPSULE FOR PREPARING A BEVERAGE BY CENTRIFUGATION IN A BEVERAGE PREPARATION DEVICE**

[54] **CAPSULE DE BOISSON POUR LA PREPARATION D'UNE BOISSON PAR CENTRIFUGATION DANS UN DISPOSITIF DE PREPARATION DE BOISSON**

[72] ABEGGLEN, DANIEL, CH
[72] GERBAULET, ARNAUD, FR
[72] TINEMBART, JEAN-FRANCOIS, CH
[72] PERENTES, ALEXANDRE, CH
[71] NESTEC S.A., CH
[85] 2013-09-09
[86] 2012-03-29 (PCT/EP2012/055609)
[87] (WO2012/130928)
[30] EP (11160908.7) 2011-04-01
[30] EP (11183807.4) 2011-10-04

[21] **2,829,511**
[13] A1

[51] **Int.Cl. C07K 7/56 (2006.01)**

[25] EN

[54] **METHODS FOR MANUFACTURING AN ANTIFUNGAL AGENT**

[54] **PROCEDES DE FABRICATION D'UN AGENT ANTIFONGIQUE**

[72] GUNNES, SOLVI, NO
[72] HALVORSEN, HARALD, NO
[71] XELLIA PHARMACEUTICALS APS, DK
[85] 2013-09-09
[86] 2012-03-26 (PCT/EP2012/055284)
[87] (WO2012/136498)
[30] US (61/471,218) 2011-04-04

[21] **2,829,512**
[13] A1

[51] **Int.Cl. A61B 1/015 (2006.01) A61B 1/00 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **VACUUM SYSTEM AND ENDOSCOPY ARRANGEMENT FOR ENDOSCOPIC VACUUM THERAPY**

[54] **SYSTEME A VIDE ET ENSEMBLE D'ENDOSCOPIE POUR LE TRAITEMENT ENDOSCOPIQUE PAR LE VIDE**

[72] LOSKE, GUNNAR, DE
[71] LOHMANN & RAUSCHER GMBH & CO. KG, DE
[85] 2013-09-09
[86] 2012-03-12 (PCT/EP2012/054276)
[87] (WO2012/123414)
[30] DE (10 2011 013 744.0) 2011-03-11
[30] DE (10 2011 013 743.2) 2011-03-11
[30] DE (10 2011 120 411.7) 2011-12-08
[30] DE (10 2012 003 129.7) 2012-02-17

[21] **2,829,513**
[13] A1

[51] **Int.Cl. B28D 1/14 (2006.01) B23B 51/06 (2006.01) B28D 7/02 (2006.01)**

[25] EN

[54] **COOLANT SUPPLY DEVICE AND ELECTRIC DRILL UNIT PROVIDED WITH COOLANT SUPPLY DEVICE**

[54] **DISPOSITIF D'ALIMENTATION EN LIQUIDE DE REFROIDISSEMENT ET UNITE DE PERCEUSE ELECTRIQUE DOTEE DU DISPOSITIF D'ALIMENTATION EN LIQUIDE DE REFROIDISSEMENT**

[72] MIYANAGA, MASAOKI, JP
[71] KABUSHIKI KAISHA MIYANAGA, JP
[85] 2013-09-09
[86] 2012-05-21 (PCT/JP2012/003297)
[87] (WO2012/164860)
[30] JP (2011-120481) 2011-05-30

[21] **2,829,514**
[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/168 (2006.01)**

[25] EN

[54] **DRIVE HEAD FOR A SYRINGE PUMP**

[54] **TETE D'ENTRAINEMENT POUR UNE POMPE A SERINGUE**

[72] ROCHETTE, FRANCOIS, FR
[71] FRESENIUS VIAL SAS, FR
[85] 2013-09-09
[86] 2012-03-12 (PCT/EP2012/054282)
[87] (WO2012/123417)
[30] EP (11158391.0) 2011-03-16
[30] US (61/453,143) 2011-03-16

[21] **2,829,515**
[13] A1

[51] **Int.Cl. C12Q 1/02 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **METHOD FOR SCREENING FOR COMPOUND CAPABLE OF ENHANCING OR INHIBITING OATP1B1 TRANSPORT ACTIVITY, AND METHOD FOR DETERMINING EXPRESSION LEVEL OF OATP1B1**

[54] **PROCEDE DE CRIBLAGE D'UN COMPOSE CAPABLE D'AMELIORER OU D'INHIBER L'ACTIVITE DU TRANSPORTEUR OATP1B1 ET PROCEDE DE DETERMINATION DU NIVEAU D'EXPRESSION DU TRANSPORTEUR OATP1B1**

[72] IZUMI, SAKI, JP
[72] KOMORI, TAKAFUMI, JP
[72] NOZAKI, YOSHITANE, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2013-09-09
[86] 2012-03-06 (PCT/JP2012/055719)
[87] (WO2012/121261)
[30] JP (2011-053270) 2011-03-10

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[51] Int.Cl. A61L 27/00 (2006.01) A61L 31/08 (2006.01) A61L 31/16 (2006.01) C07K 14/00 (2006.01) C07K 14/40 (2006.01)	[51] Int.Cl. C12N 15/864 (2006.01)	[51] Int.Cl. C08K 5/00 (2006.01) C08F 299/04 (2006.01) C08K 3/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] MOLECULES AND METHODS FOR INHIBITION AND DETECTION OF PROTEINS	[54] CAPSID-FREE AAV VECTORS, COMPOSITIONS, AND METHODS FOR VECTOR PRODUCTION AND GENE DELIVERY	[54] PROCESS FOR THE PREPARATION OF AN ACCELERATOR SOLUTION
[54] MOLECULES ET PROCEDES D'INHIBITION ET DE DETECTION DE PROTEINES	[54] VECTEURS AAV EXEMPTS DE CAPSIDE, COMPOSITIONS ET PROCEDES POUR LA PRODUCTION DE VECTEURS ET L'ADMINISTRATION DE GENES	[54] PROCEDE DE PREPARATION D'UNE SOLUTION D'ACCELERATEUR
[72] SCHYMKOWITZ, JOOST, BE	[72] GARCIA, LUIS, FR	[72] REIJNDERS, JOHANNES
[72] ROUSSEAU, FREDERIC, BE	[72] BELEY, CYRIAQUE, FR	MARTINUS GERARDUS MARIA, NL
[71] VRIJE UNIVERSITEIT BRUSSEL, BE	[72] VOIT, THOMAS, FR	[72] KOERS, FREDERIK WILLEM
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D, BE	[72] KOTIN, ROBERT MICHAEL, US	KAREL, NL
[71] UNIVERSITEIT GENT, BE	[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR	[72] TALMA, AUKE GERARDUS, NL
[85] 2013-09-09	[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR	[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[86] 2012-03-12 (PCT/EP2012/054285)	[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR	[85] 2013-09-09
[87] (WO2012/123419)	[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR	[86] 2012-03-21 (PCT/EP2012/054933)
[30] EP (11157842.3) 2011-03-11	[71] US DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH, US	[87] (WO2012/126919)
[30] US (61/451,855) 2011-03-11	[85] 2013-09-09	[30] EP (11159564.1) 2011-03-24
[30] US (61/487,595) 2011-05-18	[86] 2012-03-12 (PCT/EP2012/054303)	[30] US (61/467,569) 2011-03-25
[30] EP (11176725.7) 2011-08-05	[87] (WO2012/123430)	
	[30] US (61/452,071) 2011-03-11	[21] 2,829,548 [13] A1
	[30] EP (11157986.8) 2011-03-12	[51] Int.Cl. H05B 3/02 (2006.01) H01M 2/10 (2006.01) H01M 10/50 (2006.01) H05B 3/20 (2006.01)
		[25] EN
	[21] 2,829,541 [13] A1	[54] HEATER MODULE
	[51] Int.Cl. A63B 71/12 (2006.01) A41D 13/05 (2006.01) A61F 5/00 (2006.01)	[54] MODULES DE CHAUFFAGES
	[25] EN	[72] KINOSHITA, YUKIKO, JP
	[54] SPINAL PROTECTIVE DEVICE	[72] TODOROKI, NAOTO, JP
	[54] DISPOSITIF DE PROTECTION RACHIDIENNE	[71] NISSAN MOTOR CO., LTD., JP
	[72] REIMER, MILTON D., CA	[85] 2013-09-09
	[71] REIMER, MILTON D., CA	[86] 2012-03-07 (PCT/JP2012/055746)
	[85] 2013-05-24	[87] (WO2012/124556)
	[86] 2011-11-23 (PCT/CA2011/050727)	[30] JP (2011-054089) 2011-03-11
	[87] (WO2012/068686)	[30] JP (2012-035738) 2012-02-22
	[30] US (12/954,788) 2010-11-26	

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[21] **2,829,549**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 1/28 (2006.01) G01N 30/02 (2006.01) G01N 30/72 (2006.01)**

[25] EN

[54] **METHOD FOR RECOGNITION AND QUANTIFICATION OF MULTIPLE ANALYTES IN A SINGLE ANALYSIS**

[54] **PROCEDE DE RECONNAISSANCE ET DE QUANTIFICATION DE MULTIPLES ANALYTES EN UNE SEULE ANALYSE**

[72] REGNIER, FRED E., US

[72] HEROLD, NICHOLAS B., US

[72] MEYER, KEVIN W., US

[71] PERFINITY BIOSCIENCES, INC., US

[85] 2013-09-09

[86] 2010-03-10 (PCT/US2010/026819)

[87] (WO2011/112188)

[21] **2,829,550**
[13] A1

[51] **Int.Cl. H01M 10/50 (2006.01) B60K 1/04 (2006.01) H01M 2/10 (2006.01) H05B 3/20 (2006.01) B60L 11/18 (2006.01)**

[25] EN

[54] **VEHICLE BATTERY**

[54] **BATTERIE POUR INSTALLATION DANS UN VEHICULE**

[72] KINOSHITA, YUKIKO, JP

[72] TODOROKI, NAOTO, JP

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

[85] 2013-09-09

[86] 2012-03-07 (PCT/JP2012/055836)

[87] (WO2012/124568)

[30] JP (2011-054091) 2011-03-11

[30] JP (2012-028464) 2012-02-13

[21] **2,829,551**
[13] A1

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

[25] EN

[54] **APPARATUS AND METHOD FOR AEROSOL DELIVERY TO THE LUNGS OR OTHER LOCATIONS OF THE BODY**

[54] **APPAREIL ET METHODE POUR L'ADMINISTRATION D'AEROSOL AUX POUMONS OU A D'AUTRES EMPLACEMENTS DU CORPS**

[72] CENTURY, THEODORE J., US

[71] PENN-CENTURY, INC., US

[85] 2013-09-09

[86] 2011-01-25 (PCT/US2011/022357)

[87] (WO2011/112283)

[30] US (12/720,341) 2010-03-09

[21] **2,829,552**
[13] A1

[51] **Int.Cl. C01B 3/26 (2006.01) C01B 31/02 (2006.01) C01B 31/18 (2006.01)**

[25] EN

[54] **SYNTHESIS GAS AND NANOCARBON PRODUCTION METHOD AND PRODUCTION SYSTEM**

[54] **PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE ET DE NANOCARBONE ET SYSTEME DE PRODUCTION CORRESPONDANT**

[72] NAKAMURA, SATORU, JP

[72] TADA, AKIO, JP

[71] THE JAPAN STEEL WORKS, LTD., JP

[71] NATIONAL UNIVERSITY CORPORATION KITAMI INSTITUTE OF TECHNOLOGY, JP

[85] 2013-09-09

[86] 2012-03-09 (PCT/JP2012/056157)

[87] (WO2012/124636)

[30] JP (2011-053865) 2011-03-11

[21] **2,829,553**
[13] A1

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[54] **DENTAL MODEL AND MODEL TEETH**

[54] **MODELE DENTAIRE ET DENTS DE MODELE**

[72] HIGASHIMURA, AKIHIRO, JP

[72] KOKUBO, TOSHIMITSU, JP

[71] NISSIN DENTAL PRODUCTS INC., JP

[85] 2013-09-09

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[87] (WO2012/124714)

[30] JP (2011-055288) 2011-03-14

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[51] **Int.Cl. G06F 3/06 (2006.01)**

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[54] **DATA TRANSFERRING APPARATUS, DATA TRANSMISSION SYSTEM AND DATA TRANSMITTING METHOD**

[54] **APPAREIL DE TRANSFERT DE DONNEES, SYSTEME DE TRANSMISSION DE DONNEES ET PROCEDE DE TRANSMISSION DE DONNEES**

[72] TANAKA, SHINGO, JP

[72] YAMAURA, TAKAHIRO, JP

[72] YAMAGUCHI, KENSAKU, JP

[72] WADA, SUNAO, JP

[72] OHYA, YASUO, JP

[71] KABUSHIKI KAISHA TOSHIBA, JP

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[86] 2012-03-14 (PCT/JP2012/057252)

[87] (WO2012/157335)

[30] JP (2011-110650) 2011-05-17

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 47/48 (2006.01) C07D 213/56 (2006.01) C07D 273/00 (2006.01) G01N 33/573 (2006.01)**

[25] EN

[54] **PI3 KINASE INHIBITORS AND USES THEREOF**

[54] **INHIBITEURS DE PI3 KINASE ET LEURS UTILISATIONS**

[72] QIAO, LIXIN, US

[72] NIU, DEQIANG, US

[72] PETTER, RUSSELL C., US

[72] ZHU, ZHENDONG, US

[71] CELGENE AVIOMICS RESEARCH, INC., US

[85] 2013-09-09

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[13] A1

[51] **Int.Cl. C01B 17/04 (2006.01)**
[25] EN
[54] **SULFUR RECOVERY UNIT AND SULFUR RECOVERY METHOD**
[54] **DISPOSITIF DE RECUPERATION DE SOUFRE ET PROCEDE DE RECUPERATION DE SOUFRE**
[72] KAMISUKI, TATSUO, JP
[72] KOSASAYAMA, HIROYUKI, JP
[72] YAMADA, YASUSHI, JP
[72] ARAI, SHINGO, JP
[72] KIDA, MITSURU, JP
[71] JGC CORPORATION, JP
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[13] A1

[51] **Int.Cl. B62J 1/06 (2006.01) B62K 19/36 (2006.01)**
[25] EN
[54] **ADJUSTABLE ASSEMBLY FOR A BICYCLE**
[54] **ENSEMBLE REGLABLE POUR BICYCLETTE**
[72] MCANDREWS, MICHAEL, US
[72] POWERS, RON, US
[71] SPECIALIZED BICYCLE COMPONENTS, INC., US
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[21] **2,829,565**
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[54] **AWL SCREW FIXATION MEMBERS AND RELATED SYSTEMS**
[54] **ELEMENTS DE FIXATION A VIS ALLEN ET SYSTEMES ASSOCIES**
[72] SCHOENLY, JARED, US
[72] EVANS, DAVID, US
[72] FENN, MATTHEW, US
[71] DEPUY SYNTHES PRODUCTS, LLC, US
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[51] **Int.Cl. A43B 23/02 (2006.01)**
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[54] **UPPER STRUCTURE FOR A SHOE**
[54] **STRUCTURE SUPERIEURE DE CHAUSSURE**
[72] ODA, TAKAO, JP
[72] DAZAI, TATSUYA, JP
[72] KIMURA, TAKAYA, JP
[71] MIZUNO CORPORATION, JP
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[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **SMART LINEAR RESONANT ACTUATOR CONTROL**
[54] **COMMANDE D'ACTIONNEUR LINEAIRE RESONNANT INTELLIGENT**
[72] COMPANY BOSCH, ENRIQUE, ES
[72] CALPE MARAVILLA, JAVIER, ES
[72] IRIARTE, SANTIAGO, IE
[72] MOLONEY, EOGHAN, IE
[72] BALICKI, KRYSYAN, IE
[72] MURPHY, MARK J., IE
[72] ENGLISH, EOIN EDWARD, IE
[72] LOPEZ CANOVAS, PEDRO, ES
[71] ANALOG DEVICES, INC., US
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[30] US (61/450,824) 2011-03-09
[30] US (13/219,353) 2011-08-26

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[13] A1

[51] **Int.Cl. G06F 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR UNIFIED INFORMATION REPRESENTATION AND APPLICATIONS THEREOF**
[54] **PROCEDE ET SYSTEME POUR LA REPRESENTATION D'INFORMATION UNIFIEE ET LEURS APPLICATIONS**
[72] SOLMER, ROBERT, US
[72] RUAN, WEN, US
[71] TEXTWISE LLC, US
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[30] US (13/044,763) 2011-03-10

[21] **2,829,570**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SOLID FORMS OF 3-(5-AMINO-2-METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE, AND THEIR PHARMACEUTICAL COMPOSITIONS AND USES**
[54] **FORMES SOLIDES DE 3-(5-AMINO-2METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE, LEURS COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
[72] MULLER, GEORGE W., US
[72] MAN, HON-WAH, US
[72] COHEN, BENJAMIN M., US
[72] LI, YING, US
[72] XU, JEAN, US
[72] LEONG, WILLIAM W., US
[71] CELGENE CORPORATION, US
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[30] US (61/451,806) 2011-03-11

[21] **2,829,571**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01N 63/00 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **NOVEL BACILLUS THURINGIENSIS GENE WITH LEPIDOPTERAN ACTIVITY**
[54] **NOUVEAU GENE DE BACILLUS THURINGIENSIS AYANT UNE ACTIVITE LEPIDOPTERIENNE**
[72] ABAD, ANDRE, US
[72] DONG, HUA, US
[72] LO, SUE, US
[72] SHI, XIAOMEI, US
[72] WOLFE, THOMAS, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[86] 2012-03-08 (PCT/US2012/028261)
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[13] A1

[51] **Int.Cl. G06F 1/26 (2006.01)**
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[54] **DISTRIBUTED CONTROL OF DYNAMIC REACTIVE POWER**
[54] **COMMANDE REPARTIE DE LA PUISSANCE REACTIVE DYNAMIQUE**
[72] ENSLIN, JOHAN, US
[72] AMARIN, RUBA AKRAM, US
[72] MENSAH, ADJE F., US
[72] SHOUBAKI, EHAB H., US
[71] PETRA SOLAR, INC., US
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[21] **2,829,575**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **PROTOCOL-BASED INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION REPOSANT SUR UN PROTOCOLE**
[72] SHIRKHODAIE, AMIR, US
[72] MORIARTY, ROBERT, US
[72] MA, KONG, US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028509)
[87] (WO2012/122487)
[30] US (61/451,035) 2011-03-09

[21] **2,829,576**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **INTELLIGENT AIRFOIL COMPONENT SURFACE IMAGING INSPECTION**
[54] **INSPECTION PAR IMAGERIE INTELLIGENTE DE SURFACE DE COMPOSANTS DE PROFIL**
[72] SHIRKHODAIE, AMIR, US
[72] MA, KONG, US
[72] MORIARTY, ROBERT, US
[71] ROLLS-ROYCE CORPORATION, US
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[87] (WO2012/122467)
[30] US (61/451,005) 2011-03-09

[21] **2,829,577**
[13] A1

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[54] **EXTRACTION OF NEUTRAL LIPIDS BY A TWO SOLVENT METHOD**
[54] **EXTRACTION DE LIPIDES NEUTRES PAR UN PROCEDE A DEUX SOLVANTS**
[72] KALE, ANIKET, US
[71] HELIAE DEVELOPMENT, LLC, US
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[30] US (13/081,197) 2011-04-06
[30] US (13/286,910) 2011-11-01

[21] **2,829,578**
[13] A1

[51] **Int.Cl. G01B 5/28 (2006.01)**
[25] EN
[54] **INTELLIGENT AIRFOIL COMPONENT SURFACE INSPECTION**
[54] **INSPECTION DE LA SURFACE D'UN ELEMENT A PROFIL AERODYNAMIQUE INTELLIGENT**
[72] KUSH, MATT, US
[72] MA, KONG, US
[72] MORIARTY, ROBERT, US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028477)
[87] (WO2012/122473)
[30] US (61/451,036) 2011-03-09

[21] **2,829,583**
[13] A1

[51] **Int.Cl. A61K 31/075 (2006.01) A61K 31/045 (2006.01) A61K 31/21 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL OR PRESERVING COMPOSITION CONTAINING 3-BUTOXY-1,2-PROPANEDIOL**
[54] **COMPOSITION ANTIBACTERIENNE CONSERVATRICE CONTENANT DU 3-BUTOXY-1,2-PROPANEDIOL**
[72] GU, MIN-JI, KR
[72] CHOI, JUNG-JIN, KR
[72] JEONG, GUG-IN, KR
[72] CHANG, SUG-YOUN, KR
[71] LG HOUSEHOLD & HEALTH CARE LTD., KR
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[86] 2011-11-04 (PCT/KR2011/008388)
[87] (WO2012/121469)
[30] KR (10-2011-0021414) 2011-03-10
[30] KR (10-2011-0076180) 2011-07-29

[21] **2,829,584**
[13] A1

[51] **Int.Cl. B25J 9/00 (2006.01)**
[25] EN
[54] **AUTOMATED OBJECT MANIPULATION SYSTEM**
[54] **SYSTEME DE MANIPULATION D'OBJET AUTOMATISE**
[72] SHIRKHODAIE, AMIR, US
[72] MORIARTY, ROBERT, US
[72] MA, KONG, US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028523)
[87] (WO2012/122489)
[30] US (61/450,973) 2011-03-09

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[13] A1

[51] **Int.Cl. A61K 35/28 (2006.01) A61K 35/42 (2006.01) A61K 38/17 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) C07K 14/785 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS RELATING TO MESENCHYMAL STEM CELL EXOSOMES**

[54] **PROCEDES ET COMPOSITIONS ASSOCIES AUX EXOSOMES DE CELLULES SOUCHES MESENCHYMATEUSES**

[72] MITSIALIS, S. ALEXANDER, US

[72] LEE, CHANGJIN, US

[72] KOUREMBANAS, STELLA, US

[71] CHILDREN'S MEDICAL CENTER CORPORATION, US

[85] 2013-09-09

[86] 2012-03-09 (PCT/US2012/028524)

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[30] US (61/451,981) 2011-03-11

[21] **2,829,593**
[13] A1

[51] **Int.Cl. A61K 31/517 (2006.01) A61P 21/04 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **USE OF 3-(5-AMINO-2-METHYL-4-OXOQUINAZOLIN-3(4H)-YL)PIPERIDINE-2,6-DIONE IN TREATMENT OF IMMUNE-RELATED AND INFLAMMATORY DISEASES**

[54] **UTILISATION DE 3-(5-AMINO-2-METHYL-4-OXOQUINAZOLIN-3(4H)-YL)PIPERIDINE-2,6-DIONE DANS LE TRAITEMENT DE MALADIES LIEES AU SYSTEME IMMUNITAIRE ET INFLAMMATOIRES**

[72] GANDHI, ANITA, US

[72] SCHAFER, PETER H., US

[71] CELGENE CORPORATION, US

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[86] 2012-03-09 (PCT/US2012/028538)

[87] (WO2012/125475)

[30] US (61/451,995) 2011-03-11

[30] US (61/480,272) 2011-04-28

[21] **2,829,595**
[13] A1

[51] **Int.Cl. F21V 5/00 (2006.01)**

[25] EN

[54] **ILLUMINATION SYSTEM WITH ILLUMINATION SHIELD**

[54] **SYSTEME D'ECLAIRAGE A ECRAN D'ECLAIRAGE**

[72] SHIRKHODAIE, AMIR, US

[72] MORIARTY, ROBERT, US

[72] MA, KONG, US

[71] ROLLS-ROYCE CORPORATION, US

[85] 2013-09-09

[86] 2012-03-09 (PCT/US2012/028543)

[87] (WO2012/122498)

[30] US (61/450,963) 2011-03-09

[21] **2,829,596**
[13] A1

[51] **Int.Cl. F03B 13/24 (2006.01) F03B 11/00 (2006.01) F03B 13/12 (2006.01) F03B 17/06 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS AND ASSEMBLIES FOR SUPPLYING POWER TO AN OFFSHORE FACILITY**

[54] **SYSTEMES, PROCEDES ET ENSEMBLES POUR FOURNIR DE L'ENERGIE A INSTALLATION AU LARGE DES COTES**

[72] THORNTON, WIN, US

[72] TEICHMAN, JESSE, US

[71] CHEVRON U.S.A. INC., US

[85] 2013-09-09

[86] 2012-03-08 (PCT/US2012/028214)

[87] (WO2012/125393)

[30] US (61/451,649) 2011-03-11

[30] US (61/555,325) 2011-11-03

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[13] A1

[51] **Int.Cl. G06F 17/40 (2006.01) H04W 4/02 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR ANALYTIC DATA GATHERING FROM IMAGE PROVIDERS AT AN EVENT OR GEOGRAPHIC LOCATION**

[54] **SYSTEMES ET PROCEDES DE COLLECTE DE DONNEES ANALYTIQUES PROVENANT DE FOURNISSEURS D'IMAGES A UN EVENEMENT OU EN UN EMPLACEMENT GEOGRAPHIQUE**

[72] FISHER, JON, US

[72] BRODERICK, JEFF, US

[72] VAN BLAIRCOM, DOUGLAS, US

[72] MALINOVSKY, ALEX, US

[72] WU, ANTHONY S., US

[71] KBA2, INC., US

[85] 2013-09-09

[86] 2012-03-07 (PCT/US2012/028074)

[87] (WO2012/122269)

[30] US (61/450,092) 2011-03-07

[30] US (61/495,335) 2011-06-09

[30] US (61/539,718) 2011-09-27

[21] **2,829,598**
[13] A1

[51] **Int.Cl. A23L 1/308 (2006.01) A61K 31/733 (2006.01) A61P 19/00 (2006.01)**

[25] EN

[54] **METHODS FOR IMPROVING BONE HEALTH IN INFANTS USING PREBIOTICS**

[54] **PROCEDES POUR AMELIORER LA SANTE OSSEUSE CHEZ DES NOURRISSONS UTILISANT DES PREBIOTIQUES**

[72] PEDROSA, JOSE MARIA LOPEZ, ES

[72] MARTIN, MANUEL MANZANO, ES

[72] CABRERA, RICARDO RUEDA, ES

[71] ABBOTT LABORATORIES, US

[85] 2013-09-09

[86] 2012-03-20 (PCT/US2012/029788)

[87] (WO2012/129220)

[30] EP (11380020.5) 2011-03-21

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[13] A1

[51] **Int.Cl. H02B 1/28 (2006.01) H02B 1/48 (2006.01)**
[25] EN
[54] **ELECTRICAL ENCLOSURE**
[54] **ENVELOPPE DE PROTECTION ELECTRIQUE**
[72] HUGHES, RON, US
[71] ERICSON MANUFACTURING COMPANY, US
[85] 2013-09-09
[86] 2012-03-08 (PCT/US2012/028175)
[87] (WO2012/122324)
[30] US (61/451,325) 2011-03-10

[21] **2,829,603**
[13] A1

[51] **Int.Cl. H04N 11/02 (2006.01)**
[25] EN
[54] **SIGNALING NUMBER OF ACTIVE LAYERS IN VIDEO CODING**
[54] **SIGNALISATION D'UN NOMBRE DE COUCHES ACTIVES DANS UNE OPERATION DE CODAGE VIDEO**
[72] BOYCE, JILL, US
[72] HONG, DANNY, US
[71] VIDYO, INC., US
[85] 2013-09-09
[86] 2012-03-08 (PCT/US2012/028186)
[87] (WO2012/122330)
[30] US (61/451,462) 2011-03-10

[21] **2,829,606**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/08 (2006.01) C07K 16/18 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **METHODS AND REAGENTS FOR CREATING MONOCLONAL ANTIBODIES**
[54] **PROCEDES ET REACTIFS POUR CREER DES ANTICORPS MONOCLONAUX**
[72] POLAKIEWICZ, ROBERTO, US
[72] CHEUNG, WAN CHEUNG, US
[72] RUSH, JOHN EDWARD, US
[72] BEAUSOLEIL, SEAN ANDRE, US
[71] CELL SIGNALING TECHNOLOGY, INC., US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028501)
[87] (WO2012/122484)
[30] US (61/450,922) 2011-03-09
[30] US (61/560,006) 2011-11-15
[30] US (61/566,876) 2011-12-05
[30] US (61/594,729) 2012-02-03

[21] **2,829,607**
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 35/76 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **A METHOD OF VACCINATION COMPRISING A HISTONE DEACETYLASE INHIBITOR**
[54] **METHODE DE VACCINATION FAISANT INTERVENIR UN INHIBITEUR D'HISTONE DESACETYLASE**
[72] BRIDLE, BRYAM, CA
[72] LICHTY, BRIAN, CA
[72] WAN, YONGHONG, CA
[72] DIALLO, JEAN-SIMON, CA
[72] LEMAY, CHANTAL, CA
[72] BELL, JOHN, CA
[71] MCMASTER UNIVERSITY, CA
[71] OTTAWA HOSPITAL RESEARCH INSTITUTE, CA
[85] 2013-09-10
[86] 2012-03-09 (PCT/CA2012/000212)
[87] (WO2012/122629)
[30] US (61/451,794) 2011-03-11

[21] **2,829,612**
[13] A1

[51] **Int.Cl. D01D 5/18 (2006.01) D04H 1/4318 (2012.01) D01D 4/00 (2006.01) D01D 13/00 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR THE PRODUCTION OF FIBERS**
[54] **EQUIPEMENTS ET PROCEDES POUR LA PRODUCTION DE FIBRES**
[72] LOZANO, KAREN, US
[72] RANE, YATINKUMAR, US
[72] BELL, NELSON, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028503)
[87] (WO2012/122485)
[30] US (61/451,032) 2011-03-09

[21] **2,829,614**
[13] A1

[51] **Int.Cl. C09B 61/00 (2006.01) C07D 401/12 (2006.01) C12P 17/18 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING MELANIN USING CULTURES OF THE GENUS NIGELLA**
[54] **PROCEDE DE PRODUCTION DE MELANINE A L'AIDE DE CULTURES DU GENRE NIGELLA**
[72] HASEEB, ADIL, SE
[72] ELHAG, HAMID, US
[71] HASEEB, ADIL, SE
[85] 2013-09-09
[86] 2011-03-15 (PCT/SE2011/050284)
[87] (WO2012/125091)

[21] **2,829,616**
[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/087 (2006.01)**
[25] EN
[54] **APPARATUS FOR QUANTIFYING RESPIRATORY AND INSPIRATORY AIRFLOW**
[54] **APPAREIL POUR QUANTIFIER UN ECOULEMENT D'AIR RESPIRATOIRE ET INSPIRATOIRE**
[72] SCHNEIDER, HARTMUT, US
[72] KIRKNESS, JASON PAUL, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028562)
[87] (WO2012/122506)
[30] US (61/450,985) 2011-03-09

[21] **2,829,617**
[13] A1

[51] **Int.Cl. G01V 3/11 (2006.01)**
[25] EN
[54] **MULTI-COMPONENT ELECTROMAGNETIC PROSPECTING APPARATUS AND METHOD OF USE THEREOF**
[54] **APPAREIL DE PROSPECTION ELECTROMAGNETIQUE A COMPOSANTS MULTIPLES ET PROCEDE D'UTILISATION ASSOCIE**
[72] SMITH, RICHARD, CA
[71] LAURENTIAN UNIVERSITY OF SUDBURY, CA
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[54] **C4-MONOMETHYL TRITERPENOID DERIVATIVES AND METHODS OF USE THEREOF**

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[72] ANDERSON, ERIC, US
[72] JIANG, XIN, US
[72] VISNICK, MELEAN, US
[72] BENDER, CHRISTOPHER F., US
[72] LIU, XIAOFENG, US
[71] REATA PHARMACEUTICALS, INC., US
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[54] **A MOLD STACK FOR A PREFORM**

[54] **EMPILEMENT DE MOULES DESTINE A UNE PREFORME**

[72] MCCREADY, DEREK ROBERTSON, CA
[71] HUSKY INJECTION HOLDING SYSTEMS LTD., CA
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[54] **COMMUNICATIONS DEVICE PROVIDING NEAR FIELD COMMUNICATION (NFC) SECURE ELEMENT DISABLING FEATURES RELATED METHODS**

[54] **DISPOSITIF DE COMMUNICATION OFFRANT DES FONCTIONS DE DESACTIVATION D'ELEMENT DE SECURITE DE COMMUNICATION EN CHAMP PROCHE (NFC) ET PROCEDES ASSOCIES**

[72] SINGH, RAVI, CA
[72] ADAMS, NEIL PATRICK, CA
[72] TAKACS, KRISTOF, CA
[72] GANDHI, SHIVANGI ANANTRUPA, CA
[71] BLACKBERRY LIMITED, CA
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[30] US (61/452,511) 2011-03-14
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[25] EN
[54] **A TRIBOELECTRIC X-RAY SOURCE**

[54] **SOURCE TRIBOELECTRIQUE DE RAYONS X**

[72] PUTTERMAN, SETH J., US
[72] HIRD, JONATHAN, GB
[72] CAMARA, CARLOS, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[51] **Int.Cl. A23N 1/00 (2006.01) A23L 2/02 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **DEVICE FOR STORING AND FEEDING OF RAW MATERIALS OF FRUIT AND/OR VEGETABLES**

[54] **DISPOSITIF POUR LE STOCKAGE ET LA DISTRIBUTION DE MATIERES PREMIERES COMPOSEES DE FRUITS ET/OU DE LEGUMES**

[72] POURSHAKOUR, SHAHRAM, SE
[71] POURSHAKOUR, SHAHRAM, SE
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[54] **SANDPAPER WITH NON-SLIP LAYER**

[54] **PAPIER DE VERRE A COUCHE ANTIDERAPANTE**

[72] PAHL, THOMAS E., US
[72] PETERSEN, JOHN G., US
[72] WALD, MICHAEL P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-09-10
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[25] EN	[25] EN	[25] EN
[54] DEVICE AND METHOD FOR THE GEOMETRIC DETERMINATION OF ELECTRICAL DIPOLE DENSITIES ON THE CARDIAC WALL	[54] METHOD OF CORRELATED MUTATIONAL ANALYSIS TO IMPROVE THERAPEUTIC ANTIBODIES	[54] ELECTRIC HEATING APPLIANCE WITH AC-LINE FILTER WITH LOW LEAKAGE CURRENT
[54] DISPOSITIF ET PROCEDE POUR LA DETERMINATION GEOMETRIQUE DE DENSITES DE DIPOLES ELECTRIQUES SUR LA PAROI CARDIAQUE	[54] PROCEDE D'ANALYSE MUTATIONNELLE CORRELEE POUR AMELIORER DES ANTICORPS THERAPEUTIQUES	[54] APPAREIL DE CHAUFFAGE ELECTRIQUE AVEC FILTRE DE LIGNE CA ET FAIBLE COURANT DE FUITE
[72] SCHARF, CHRISTOPH, CH	[72] KANNAN, GUNASEKARAN, US	[72] WANG, DONGYU, US
[72] SCHARF, GUNTER, CH	[71] AMGEN INC., US	[72] VENTURINI, GIANLUCA, IT
[72] WERNETH, RANDELL L., US	[85] 2013-09-09	[71] ELECTROLUX HOME PRODUCTS, INC., US
[71] ACUTUS MEDICAL, INC., US	[86] 2012-03-09 (PCT/US2012/028596)	[85] 2013-09-09
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[54] CLOGGED FILTER DETECTION SYSTEM AND METHOD	[54] DISPERSIONS DE NANOPARTICULES DE PROTEINES	[54] SYSTEMES ET PROCEDES D'AMELIORATION DU RENDEMENT D'ETHANOL
[54] SYSTEME ET PROCEDE DE DETECTION DE FILTRE COLMATE	[72] JOHNSTON, KEITH P., US	[72] LEWIS, STEPHEN M., US
[72] LONG, CHARLES F., US	[72] MAYNARD, JENNIFER A., US	[72] NARENDRANATH, NEELAKANTAM V., US
[72] TAYLOR, CHARLES T., US	[72] MILLER, ANDREA, US	[71] POET RESEARCH, INC., US
[72] SUMMERS, WILLIAM J., US	[72] WILSON, BRIAN, US	[85] 2013-09-09
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[30] US (61/451,648) 2011-03-11	[85] 2013-09-09	
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[25] EN
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[54] **AFFICHAGE CONTEXTUEL ET DEFILEMENT DE RESULTATS DE RECHERCHE DANS UN ENVIRONNEMENT GRAPHIQUE**
[72] DROR, TOMER, IL
[71] HEXAGON TECHNOLOGY CENTER GMBH, CH
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[51] **Int.Cl. G01P 3/42 (2006.01)**
[25] EN
[54] **MEASUREMENT OF BLADED ROTORS**
[54] **MESURES DE ROTORS A PALES**
[72] HOCHREUTINER, OLIVIER, CH
[72] GEISHEIMER, JONATHAN, CH
[72] HOLST, THOMAS, CH
[72] QUELOZ, SYLVAIN, CH
[72] KWAPISZ, DAVID, CH
[72] NAID-ABDELLAH, RACHID, CH
[71] MEGGITT SA, CH
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[25] EN
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[54] **COMPOSITIONS DE SOINS DES TISSUS COMPRENANT DES AGENTS DE STABILITE INITIALE**
[72] BARNABAS, FREDDY ARTHUR, US
[72] FINLEY, KRISTIN MARIE, US
[72] HALL, NATHAN, US
[72] HODGDON, TRAVIS KYLE, US
[72] VINSON, PHILLIP KYLE, US
[72] CORONA, ALESSANDRO, III, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[72] GACHUCHE, DAVID, CA
[72] KUM, ERHAN, CA
[71] GLOC8 TECHNOLOGIES INC., CA
[22] 2011-12-01
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[54] **WIRELESS MOTION VIDEO
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[54] **SONNETTE DE PORTE VIDEO A
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[72] XU, YUE, CA
[71] XU, YUE, CA
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[25] EN
[54] **ACCESS CONTROL IN LOCATION
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[54] **CONTROLE D'ACCES DANS UN
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LOCALISATION**
[72] HERRALA, SAMI, FI
[71] 9SOLUTIONS OY, FI
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[51] **Int.Cl. A01G 9/10 (2006.01) A01G
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[72] GABELMANN, DOUGLAS L., CA
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[54] **METHOD FOR DISPOSITION OF
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[54] **PROCEDE DE TRAITEMENT DE
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[72] SAMPSON, ROBERT, CA
[71] N-VIRO SYSTEMS CANADA LP, CA
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[54] **ENSEMBLE DE LIBERATION ET
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[72] ROUSSY, RICHARD B., CA
[72] CONNELL, JASON, CA
[71] CHG HOSPITAL BEDS INC., CA
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[51] **Int.Cl. E21B 33/03 (2006.01) E21B
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[25] EN
[54] **FLOW CONTROL HANGER AND
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[54] **DISPOSITIF DE SUSPENSION DE
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[72] KLIMACK, BRIAN K., CA
[71] KLIMACK HOLDINGS INC., CA
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[13] A1
[51] **Int.Cl. A23L 2/04 (2006.01)**
[25] EN
[54] **BLUEBERRY-BASED DRINKS,
POWDERS, INTERMEDIARY
BLUEBERRY PRODUCTS AND
METHODS OF PRODUCING SAID
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PRODUCTS**
[54] **BOISSONS A BASE DE BLEUETS,
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[71] ABNHP BIOREGENESIS NATURAL
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[72] SACHEDINA, AAMER, CA
[72] HURAS, MATTHEW A., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
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[25] EN
[54] **SYSTEMS AND DEVICES FOR REMOVING MATERIALS FROM VACUUM TRUCK TANKS**
[54] **SYSTEMES ET DISPOSITIFS POUR RETIRER DES MATIERES DES RESERVOIRS DE CAMIONS ASPIRATEURS**
[72] HARMS, GARY W., US
[72] ROLLINS, WILLIAM DAVID, CA
[72] OROM, JENNIFER, CA
[71] PRO-TECH ENTERPRISES, LLC, US
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[54] **PORTABLE APPARATUS FOR STORING WATER AND MELTING FROZEN WATER**
[54] **APPAREIL PORTATIF POUR STOCKER DE L'EAU ET DE L'EAU GELEE FONDANTE**
[72] HOPFE, JERRY L., CA
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[54] **SIGN POST SYSTEM**
[54] **SYSTEME DE POTEAU DE SIGNALISATION**
[72] MANDL, JEFFREY ANTON, CA
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[54] **CONTINUOUS SEDIMENT REMOVAL APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE RETRAIT DE SEDIMENTS CONTINU**
[72] SHUBERT, JOSEPH NEIL, CA
[72] JOLLIMORE, RANDY SCOTT, CA
[72] REGAN, DAVID GERALD, CA
[71] TRECAN COMBUSTION LIMITED, CA
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[54] **FRAMING AID**
[54] **DISPOSITIF POUR CONSTRUCTION DE CHARPENTE**
[72] PATON, GORDON ANDREW, CA
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[13] A1

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[25] EN
[54] **A REUSABLE BEVERAGE CUP**
[54] **GOBELET POUR BOISSON REUTILISABLE**
[72] FORSYTH, ABIGAIL, AU
[72] FORSYTH, JAMIE, AU
[71] KEEPCUP PTY LTD, AU
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[13] A1

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[25] EN
[54] **A METHOD AND SYSTEM FOR MAKING A LONG DISTANCE CALL**
[54] **METHODE ET SYSTEME POUR FAIRE UN APPEL INTERURBAIN**
[72] RUSH, AARON, CA
[71] RUSH, AARON, CA
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[41] 2013-06-09

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[13] A1

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[54] **LANYARD CONNECTOR**
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[72] PUTERMAN, DAVID, CA
[71] 9077-4092 QUEBEC INC., CA
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[25] EN
[54] **MIXING IMPELLER HAVING CHANNEL-SHAPED VANES**
[54] **ROTOR DE MELANGE AYANT DES AUBES EN FORME DE CANAL**
[72] WANG, LI, CA
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[25] FR
[54] **OFFSET BALLISTIC PROTECTION APPARATUS**
[54] **DISPOSITIF DE PROTECTION BALISTIQUE DEPORTEE**
[72] GONARD, ULRIC, FR
[72] QUERRY, FRANCOIS-XAVIER, FR
[71] NEXTER SYSTEMS, FR
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[25] EN
[54] **CONTROLLER FOR SELECTIVELY ANSWERING TELEPHONE CALLS**
[54] **CONTROLEUR PERMETTANT DE REpondre A DES APPELS TELEPHONIQUES DE MANIERE SELECTIVE**
[72] KATSOURAS, ANTONAKIS, CA
[72] DAS, TAPAN, CA
[71] KATSOURAS, ANTONAKIS, CA
[22] 2011-12-13
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[13] A1

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[25] EN
[54] **DRIVE GUARD FOR MOTIVE TRACK**
[54] **PROTECTEUR D'ENTRAINEMENT POUR CHENILLE MOTRICE**
[72] FISHER, GARRET, CA
[71] EMOTIVE PROPULSION TECHNOLOGIES LTD., CA
[22] 2011-12-14
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[13] A1

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[25] EN
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[54] **BARBOTIN A UTILISER DANS DES APPLICATIONS DE DISPOSITIF A CHENILLE MOTRICE**
[72] FISHER, GARRET, CA
[71] EMOTIVE PROPULSION TECHNOLOGIES LTD., CA
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[25] EN
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[72] WOOD, ROBERT A., US
[71] DG MANUFACTURING, LLC, US
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[30] US (13/326,219) 2011-12-14

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[54] **SECTIONED ICE SKATE BLADE**
[54] **LAME DE PATIN A GLACE SECTIONNEE**
[72] MASSE, JOHAN, CA
[71] MASSE, JOHAN, CA
[22] 2011-12-14
[41] 2013-06-14

[21] **2,762,294**
[13] A1

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[54] **THE PUCKCHUCKER**
[54] **PUCKCHUCKER**
[72] PIROLI, PETER PP, CA
[71] PIROLI, PETER PP, CA
[22] 2011-12-12
[41] 2013-06-12

[21] **2,762,295**
[13] A1

[51] **Int.Cl. A44C 15/00 (2006.01) A44C 27/00 (2006.01) B29C 70/60 (2006.01) B44C 5/06 (2006.01)**
[25] EN
[54] **RAINBOW ROCK**
[54] **PIERRE ARC-EN-CIEL**
[72] THORVALDSON, DEREK B., CA
[72] KEELEY, SEAN, CA
[71] THORVALDSON, DEREK B., CA
[71] KEELEY, SEAN, CA
[22] 2011-12-14
[41] 2013-06-14

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[13] A1

[51] **Int.Cl. A61K 38/20 (2006.01) A61B 5/055 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **THERAPY FOR SUBARACHNOID HEMORRHAGE AND ISCHEMIA**
[54] **TRAITEMENT DE L'HEMORRAGIE SUBARACHNOIDE ET DE L'ISCHEMIE**
[72] TYMIANSKI, MICHAEL, CA
[71] NONO, INC., CA
[22] 2011-12-15
[41] 2013-06-13
[30] US (61/570,264) 2011-12-13

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[13] A1

[51] **Int.Cl. G06Q 50/26 (2012.01)**
[25] EN
[54] **USE OF A LOCAL ANTENNA BUSINESS LICENCE TO INFLUENCE THE PLACEMENT OF TELECOMMUNICATIONS ANTENNAS IN MUNICIPALITIES**
[54] **UTILISATION D'UNE LICENCE D'EXPLOITATION D'ANTENNE LOCALE POUR INFLUER SUR LE PLACEMENT DES ANTENNES DE TELECOMMUNICATION DANS LES MUNICIPALITES**
[72] BENNETT, ROY B., CA
[72] BENNETT, NATALIE A., CA
[71] BENNETT, ROY B., CA
[71] BENNETT, NATALIE A., CA
[22] 2011-12-14
[41] 2013-06-14

[21] **2,762,450**
[13] A1

[51] **Int.Cl. B65D 90/06 (2006.01) B65D 88/08 (2006.01) B65D 88/34 (2006.01) B65D 88/74 (2006.01) E21B 43/26 (2006.01) F16L 59/12 (2006.01) F24H 1/18 (2006.01)**
[25] EN
[54] **INSULATING OPEN TANKS FOR FRACKING AND THE LIKE**
[54] **ISOLATION DE RESERVOIRS OUVERTS POUR FRACTURATION ET OPERATIONS SIMILAIRES**
[72] BOURGAULT, CLAUDE, CA
[71] DRYAIR INC., CA
[22] 2011-12-15
[41] 2013-06-15

[21] **2,762,645**
[13] A1

[51] **Int.Cl. B65F 1/16 (2006.01) B65D 43/26 (2006.01)**
[25] EN
[54] **STEP TRASH CAN**
[54] **POUBELLE A PEDALE**
[72] QUAN, DAVID, CA
[71] UMBRA LLC, US
[22] 2011-12-21
[41] 2013-06-15
[30] US (13/327,118) 2011-12-15

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[13] A1

[51] **Int.Cl. B65C 3/08 (2006.01) B65C 3/14 (2006.01) B65C 9/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMICALLY APPLYING OUTSERTS TO ARTICLES**
[54] **SYSTEMES ET PROCESSES POUR APPLIQUER DYNAMIQUEMENT DES PIECES EXTERIEURES SUR DES ARTICLES**
[72] MERRILL, DALE C., US
[72] GAGNON, FRANCOIS, CA
[71] NEW JERSEY MACHINE INC., US
[22] 2012-01-04
[41] 2013-06-13
[30] US (13/324,580) 2011-12-13

[21] **2,770,009**
[13] A1

[51] **Int.Cl. B62K 17/00 (2006.01) B62M 1/00 (2010.01)**
[25] EN
[54] **SCOOTER**
[54] **SCOOTER**
[72] STROPPIANA, MARCO, IT
[71] MONDO S.P.A., IT
[22] 2012-03-05
[41] 2013-06-14
[30] EP (11193610.0) 2011-12-14

[21] **2,771,621**
[13] A1

[51] **Int.Cl. G01N 33/58 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSING ALZHEIMER'S DISEASE**
[54] **METHODES DE DIAGNOSTIC DE LA MALADIE D'ALZHEIMER**
[72] MAI, SABINE, CA
[72] GARCIA, ANGELES, CA
[71] MAI, SABINE, CA
[71] GARCIA, ANGELES, CA
[22] 2012-03-09
[41] 2013-06-15
[30] US (61/576,168) 2011-12-15

[21] **2,771,798**
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IBUDILAST FOR RELIEVING NEGATIVE EFFECTS OF MEDICATION OVERUSE HEADACHE**
[54] **IBUDILAST POUR SOULAGER LES EFFETS NEGATIFS DE LA CEPHALEE INDUITE PAR L'ABUS DE MEDICAMENTS**
[72] ROLAN, PAUL, AU
[72] JOHNSON, KIRK W., US
[71] ADELAIDE RESEARCH & INNOVATION PTY LTD, AU
[71] MEDICINOVA, INC., US
[22] 2012-03-16
[41] 2013-06-15
[30] US (61/576,183) 2011-12-15

[21] **2,776,299**
[13] A1

[51] **Int.Cl. B05C 21/00 (2006.01)**
[25] EN
[54] **ROLLER CAP, CORRESPONDING ROLLER COVER AND ROLLER FRAME PROVIDED WITH SUCH ROLLER CAP, RESULTING TOOL, AND KIT FOR ASSEMBLING THE SAME**
[54] **CAPUCHON POUR ROULEAU, COUVERCLE POUR ROULEAU CORRESPONDANT ET CADRE DE ROULEAU POURVU D'UN TEL CAPUCHON, OUTIL RESULTANT ET TROUSSE POUR ASSEMBLER CELUI-CI**
[72] ARVINTE, ROMEO, CA
[72] PANFILI, FRANCOIS, CA
[71] A. RICHARD TOOLS CO./OUTILS A. RICHARD CO., CA
[22] 2012-05-04
[41] 2013-06-13
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[21] **2,776,525**
[13] A1

[51] **Int.Cl. F23R 3/10 (2006.01) F02C 7/232 (2006.01) F23R 3/46 (2006.01)**
[25] EN
[54] **TWO-STAGE COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **BRULEUR A DEUX ETAGES POUR MOTEUR A TURBINE A GAZ**
[72] HAWIE, EDUARDO, CA
[72] DAVENPORT, NIGEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2012-05-09
[41] 2013-06-07
[30] US (13/313,321) 2011-12-07

[21] **2,776,528**
[13] A1

[51] **Int.Cl. F23R 3/16 (2006.01) F02C 3/14 (2006.01) F23R 3/46 (2006.01)**
[25] EN
[54] **TWO-STAGE COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **BRULEUR A DEUX ETAGES POUR MOTEUR A TURBINE A GAZ**
[72] HAWIE, EDUARDO, CA
[72] DAVENPORT, NIGEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2012-05-09
[41] 2013-06-07
[30] US (13/313,344) 2011-12-07

[21] **2,776,539**
[13] A1

[51] **Int.Cl. F23R 3/46 (2006.01) F02C 3/14 (2006.01)**
[25] EN
[54] **TWO-STAGE COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **BRULEUR A DEUX ETAGES POUR MOTEUR A TURBINE A GAZ**
[72] HAWIE, EDUARDO, CA
[72] DAVENPORT, NIGEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2012-05-09
[41] 2013-06-07
[30] US (13/313,305) 2011-12-07

[21] **2,779,441**
[13] A1

[51] **Int.Cl. B65D 88/26 (2006.01) A01D 90/10 (2006.01) A01F 25/14 (2006.01) B65G 47/18 (2006.01) B65G 65/22 (2006.01)**
[25] EN
[54] **AUGER HOPPER WITH ENHANCED OVERFLOW TRAPPING ABILITY**
[54] **TREMIE DE VIS SANS FIN AVEC CAPACITE DE RETENUE DE TROP-PLEIN AMELIOREE**
[72] PUTMAN, KEITH, CA
[71] PUTMAN, KEITH, CA
[22] 2012-06-05
[41] 2013-06-07

[21] **2,825,425**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/12 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD OF TREATING ABNORMAL TISSUE IN THE HUMAN ESOPHAGUS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE TISSUS ANORMAUX DANS L'OE SOPHAGE HUMAIN**
[72] GANZ, ROBERT A., US
[72] STERN, ROGER A., US
[72] ZELICKSON, BRIAN D., US
[71] COVIDIEN LP, US
[22] 2000-11-16
[41] 2001-05-25
[62] 2,388,861
[30] US (60/165,687) 1999-11-16

[21] **2,825,439**
[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01) A61B 17/32 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **BIOPSY DEVICE WITH APERTURE ORIENTATION AND IMPROVED TIP**
[54] **DISPOSITIF DE BIOPSIE A ORIENTATION D'OUVERTURE ET EMBOUT AMELIORE**
[72] SHABAZ, MARTIN V., US
[72] QUICK, RICHARD L., US
[72] LOUW, FRANK R., US
[72] LUBOCK, PAUL, US
[72] SAFABASH, JASON H., US
[71] SENORX, INC., US
[22] 2004-12-20
[41] 2005-07-14
[62] 2,550,137
[30] US (60/532,277) 2003-12-23
[30] US (11/014,413) 2004-12-16

[21] **2,825,442**
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01)**
[25] EN
[54] **MULTI-LOBE ARTIFICIAL SPINE JOINT**
[54] **ARTICULATION DE COLONNE VERTEBRALE ARTIFICIELLE MULTI-LOBEE**
[72] NGUYEN, BAO-KHANG NGOC, US
[72] HARDING, DAVID P., US
[71] DIAMICRON, INC., US
[22] 2008-02-08
[41] 2008-08-14
[62] 2,677,805
[30] US (60/889,217) 2007-02-09
[30] US (60/914,469) 2007-04-27

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[21] **2,825,499**
[13] A1

[51] **Int.Cl. G01F 1/58 (2006.01) E21B 47/113 (2012.01) G01F 1/64 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR FLUID FLOW MEASUREMENT WITH SENSOR SHIELDING**

[54] **APPAREIL ET PROCEDE POUR MESURER L'ECOULEMENT DE FLUIDES AVEC ECRAN DE DETECTEUR**

[72] MAUTE, ROBERT E., US

[71] REM SCIENTIFIC ENTERPRISES, INC., US

[22] 2004-09-30

[41] 2005-04-14

[62] 2,539,249

[30] US (60/507,720) 2003-10-01

[21] **2,825,592**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/12 (2009.01)**

[25] EN

[54] **IMPROVED FRAME STRUCTURE FOR COMMUNICATION SYSTEM USING ADAPTIVE MODULATION**

[54] **VERROUILLAGE DE TRAME AMELIORE POUR SYSTEME DE COMMUNICATION A MODULATION ADAPTATIVE**

[72] CHEN, AN, US

[72] KLEIN, ISRAEL J., US

[72] STANWOOD, KENNETH L., US

[72] LIN, GEORGE, US

[71] WI-LAN INC., CA

[22] 2001-11-15

[41] 2002-05-23

[62] 2,723,065

[30] US (60/249,065) 2000-11-15

[21] **2,825,598**
[13] A1

[51] **Int.Cl. F04B 1/30 (2006.01) F01B 3/02 (2006.01) F04B 49/00 (2006.01) F04B 53/14 (2006.01)**

[25] EN

[54] **ROTARY HYDRAULIC MACHINE AND CONTROLS**

[54] **MACHINE HYDRAULIQUE ROTATIVE ET COMMANDES**

[72] KADLICKO, GEORGE, US

[71] CONCENTRIC ROCKFORD INC., US

[22] 2005-02-11

[41] 2005-08-25

[62] 2,554,798

[30] US (10/776,768) 2004-02-11

[30] US (10/776,771) 2004-02-11

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[30] US (10/776,772) 2004-02-11

[30] US (10/776,770) 2004-02-11

[21] **2,825,703**
[13] A1

[51] **Int.Cl. H03J 7/04 (2006.01) H04B 1/40 (2006.01) H04L 7/033 (2006.01) H04L 27/00 (2006.01) H03K 5/13 (2006.01) H03L 7/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ELIMINATING THE EFFECTS OF FREQUENCY OFFSETS IN A DIGITAL COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL PERMETTANT D'ELIMINER LES EFFETS DE DECALAGES DE FREQUENCE DANS UN SYSTEME DE COMMUNICATION NUMERIQUE**

[72] MENG, TERESA H., US

[72] SU, DAVID, US

[72] ZARGARI, MASOUD, US

[71] QUALCOMM INCORPORATED, US

[22] 2000-10-11

[41] 2001-04-19

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[30] US (09/416,098) 1999-10-12

[21] **2,825,732**
[13] A1

[51] **Int.Cl. B62D 47/02 (2006.01) B62D 31/02 (2006.01)**

[25] EN

[54] **BUS CABIN STRUCTURE**

[54] **STRUCTURE DE CABINE D'AUTOBUS**

[72] KERR, ANDREW, CA

[72] NAYLOR, GLEN, CA

[72] CANTIN, PAUL, CA

[72] CYCHOWSKI, TOMASZ, CA

[72] EGILSON, KRISTOPHER, CA

[72] FAST, JORDAN, CA

[71] NEW FLYER INDUSTRIES CANADA ULC, CA

[22] 2009-02-04

[41] 2009-08-11

[62] 2,652,352

[21] **2,825,792**
[13] A1

[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/198 (2006.01) A61K 31/519 (2006.01) A61K 31/724 (2006.01) A61P 27/16 (2006.01)**

[25] EN

[54] **OTOPROTECTANT COMPOSITIONS OF GLUTATHIONE PEROXIDASE MIMICS OF AMELIORATING HEARING LOSS**

[54] **COMPOSITIONS OTOPROTECTRICES DE COMPOSES IMITANT LA GLUTATHIONE PEROXYDASE POUR AMELIORER LE PERTE D'AUDITION**

[72] KIL, JONATHAN, US

[72] LYNCH, ERIC D., US

[71] SOUND PHARMACEUTICALS INCORPORATED, US

[22] 2003-01-03

[41] 2003-07-17

[62] 2,472,678

[30] US (60/345,813) 2002-01-04

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[21] **2,826,965**
[13] A1

[51] **Int.Cl. A61K 36/062 (2006.01) A61P 3/06 (2006.01)**

[25] EN

[54] **COMPOSITION FOR LOWERING BLOOD LIPID AND ELEVATING HIGH-DENSITY LIPOPROTEIN AND METHOD FOR MANUFACTURING THE SAME**

[54] **COMPOSITION POUR DIMINUER LES LIPIDES SANGUINS ET ELEVER LES LIPOPROTEINES HAUTE DENSITE ET SA METHODE DE FABRICATION**

[72] PAN, TZU-MING, TW
[72] LEE, CHUN-LIN, TW
[72] WU, CHENG-LUN, TW
[71] SUNWAY BIOTECH CO., LTD., TW
[22] 2011-08-15
[41] 2013-02-15
[62] 2,748,794

[21] **2,826,966**
[13] A1

[51] **Int.Cl. A61K 36/062 (2006.01) A61P 3/06 (2006.01)**

[25] EN

[54] **COMPOSITION FOR LOWERING BLOOD LIPID AND ELEVATING HIGH-DENSITY LIPOPROTEIN AND METHOD FOR MANUFACTURING THE SAME**

[54] **COMPOSITION POUR DIMINUER LES LIPIDES SANGUINS ET ELEVER LES LIPOPROTEINES HAUTE DENSITE ET SA METHODE DE FABRICATION**

[72] PAN, TZU-MING, TW
[72] LEE, CHUN-LIN, TW
[72] WU, CHENG-LUN, TW
[71] SUNWAY BIOTECH CO., LTD., TW
[22] 2011-08-15
[41] 2013-02-15
[62] 2,748,794

[21] **2,828,115**
[13] A1

[51] **Int.Cl. G01N 35/00 (2006.01) G01N 1/38 (2006.01) G01N 33/68 (2006.01) G01N 35/10 (2006.01)**

[25] EN

[54] **AUTOMATED PROTEIN ANALYZER**

[54] **ANALYSEUR DE PROTEINE AUTOMATISE**

[72] COLLINS, MICHAEL J., SR, US
[72] LAMBERT, JOSEPH J., US
[72] ZAWATSKY, TIMOTHY A., US
[72] HERMAN, DAVID L., US
[71] CEM CORPORATION, US
[22] 2008-08-27
[41] 2009-02-28
[62] 2,772,784
[30] US (11/846,598) 2007-08-29
[30] US (12/185,575) 2008-08-04

[21] **2,828,120**
[13] A1

[51] **Int.Cl. C12Q 1/60 (2006.01) C12Q 1/26 (2006.01) C12Q 1/28 (2006.01) C12Q 1/44 (2006.01) G01N 33/92 (2006.01)**

[25] EN

[54] **METHOD OF MULTIPLE QUANTIFICATION FOR CHOLESTEROL IN LOW DENSITY LIPOPROTEIN**

[54] **METHODE DE QUANTIFICATION MULTIPLE DU CHOLESTEROL DANS LES LIPOPROTEINES DE BASSE DENSITE**

[72] MATSUMOTO, KEIKO, JP
[72] MATSUI, HIROSHI, JP
[71] DENKA SEIKEN CO., LTD., JP
[22] 2005-03-30
[41] 2005-10-13
[62] 2,568,412
[30] JP (2004-106006) 2004-03-31

[21] **2,828,128**
[13] A1

[51] **Int.Cl. A61K 51/04 (2006.01) A61K 49/00 (2006.01) A61K 49/22 (2006.01) A61K 51/02 (2006.01)**

[25] EN

[54] **CONTRAST AGENTS FOR MYOCARDIAL PERFUSION IMAGING**

[54] **AGENTS DE CONTRASTE POUR L'IMAGERIE DE PERFUSION MYOCARDIQUE**

[72] CASEBIER, DAVID, US
[72] ROBINSON, SIMON P., US
[72] PUROHIT, AJAY, US
[72] RADEKE, HEIKE S., US
[72] AZURE, MICHAEL T., US
[72] DISCHIMO, DOUGLAS D., US
[71] LANTHEUS MEDICAL IMAGING, INC., US
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[41] 2005-09-01
[62] 2,556,213
[30] US (11/055,498) 2005-02-10
[30] US (60/544,861) 2004-02-13

[21] **2,828,595**
[13] A1

[51] **Int.Cl. A61K 31/132 (2006.01) A61K 31/00 (2006.01) A61K 31/198 (2006.01) A61K 31/395 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01) A61P 39/04 (2006.01)**

[25] EN

[54] **USE OF COPPER CHELATING TETRAAMINES FOR THE TREATMENT OF CARDIOVASCULAR DISEASE AND HEART FAILURE**

[54] **UTILISATION DE TETRAAMINES CHELATANT LE CUIVRE DESTINES AU TRAITEMENT DE MALADIES CARDIOVASCULAIRES ET D'INSUFFISANCE CARDIAQUE**

[72] COOPER, GARTH JAMES SMITH, NZ
[72] BAKER, JOHN RICHARD, NZ
[71] PHILERA NEW ZEALAND LIMITED, NZ
[22] 2003-03-10
[41] 2003-09-25
[62] 2,478,997
[30] NZ (517721) 2002-03-08
[30] NZ (517725) 2002-03-11
[30] US (60/364,382) 2002-03-12

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[21] **2,828,852**
[13] A1

[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR OPERATING AN INJECTION MOLDING MACHINE**
[54] **PROCEDE ET SYSTEME DE FONCTIONNEMENT D'UNE MACHINE DE MOULAGE PAR INJECTION**
[72] WEBER, ROBERT B., CA
[72] NIEWELS, JOACHIM J., CA
[72] SODARO, BRUNO G., CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[22] 2010-09-01
[41] 2011-05-12
[62] 2,778,792
[30] US (61/257505) 2009-11-03

[21] **2,829,163**
[13] A1

[51] **Int.Cl. B01J 21/02 (2006.01) B01J 19/00 (2006.01) B01J 37/00 (2006.01) C01B 3/40 (2006.01) C01G 55/00 (2006.01)**
[25] EN
[54] **OXIDATION PROCESS USING MICROCHANNEL TECHNOLOGY AND NOVEL CATALYST USEFUL IN SAME**
[54] **PROCEDE D'OXYDATION REPOSANT SUR LA TECHNOLOGIE DES MICROCANAUX ET NOUVEAU CATALYSEUR UTILE DANS LEDIT PROCEDE**
[72] LONG, RICHARD Q., US
[72] TONKOVICH, ANNA LEE, US
[72] DAYMO, ERIC, US
[72] YANG, BARRY L., US
[72] DALY, FRANCIS P., US
[72] WANG, YONG, US
[71] VELOCYS INC., US
[22] 2004-04-08
[41] 2004-12-02
[62] 2,525,256
[30] US (10/440,053) 2003-05-16
[30] US (10/449,913) 2003-05-30

[21] **2,829,299**
[13] A1

[51] **Int.Cl. B01F 15/04 (2006.01) B01F 3/12 (2006.01)**
[25] EN
[54] **SOLUTION MAKING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE FABRICATION DE SOLUTION**
[72] HILDRETH, CLAY, US
[72] HOERLE, MICHAEL, US
[72] AKSAMIT, SCOTT, US
[71] CARGILL, INC., US
[22] 2006-07-27
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[62] 2,616,972
[30] US (11/190,395) 2005-07-27

[21] **2,829,307**
[13] A1

[51] **Int.Cl. H04M 3/34 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **FEXT DETERMINATION SYSTEM**
[54] **SYSTEME DE MESURE DE FEXT**
[72] CIOFFI, JOHN M., US
[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US
[22] 2005-05-18
[41] 2005-12-01
[62] 2,566,499
[30] US (60/572,051) 2004-05-18
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[21] **2,829,472**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **GENE EXPRESSION MARKERS FOR BREAST CANCER PROGNOSIS**
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[72] COBLEIGH, MELODY A., US
[72] SHAK, STEVE, US
[72] BAKER, JOFFRE B., US
[72] CRONIN, MAUREEN T., US
[71] GENOMIC HEALTH, INC., US
[22] 2004-01-14
[41] 2004-08-05
[62] 2,513,117
[30] US (60/440,861) 2003-01-15

[21] **2,829,477**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01) G06F 19/20 (2011.01)**
[25] EN
[54] **GENE EXPRESSION MARKERS FOR BREAST CANCER PROGNOSIS**
[54] **MARQUEURS D'EXPRESSION GENIQUE POUR LE PRONOSTIC DU CANCER DU SEIN**
[72] COBLEIGH, MELODY A., US
[72] SHAK, STEVE, US
[72] BAKER, JOFFRE B., US
[72] CRONIN, MAUREEN T., US
[71] GENOMIC HEALTH, INC., US
[22] 2004-01-14
[41] 2004-08-05
[62] 2,513,117
[30] US (60/440,861) 2003-01-15

[21] **2,829,539**
[13] A1

[51] **Int.Cl. C01B 3/32 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **HYDROGEN GENERATION PROCESSES AND APPARATUS AND CONTROL SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE CONTROLE DE GENERATION D'HYDROGENE**
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[72] SANGER, ROBERT J., US
[71] IFP ENERGIES NOUVELLES, FR
[22] 2007-07-06
[41] 2008-02-07
[62] 2,692,898
[30] US (60/834,861) 2006-08-02

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CORPORATION	2,741,447	GAGNON, GILLES	2,761,286	GREENWALD, SCOTT D.	2,479,916
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WELLDYNAMICS, INC.	2,676,328	YOSHIDA, MASAHIRO	2,755,389
WELLS PRODUCTS GROUP, INC.	2,646,296	YOSHIKAWA, MASAKI	2,609,959
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WENSLEY, C. GLEN	2,525,664	YOUNG, EUGENE F.	2,746,193
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WEST, DAVID JAMES	2,648,501	YOUNG, JEON HO	2,729,084
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WILLIAMS, STEPHEN	2,535,515	YUAN, PING	2,654,247
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WILSON, DAVID ALAN	2,637,344	ZAHRADNIK, RICHARD J.	2,589,471
WILSON, DOUGLAS JAMES	2,573,970	ZAIDEL, LYNETTE A.	2,535,608
WILSON, MATTHEW E.	2,634,375	ZAKHAROV, VICTOR NIKOLAEVICH	2,728,206
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,622,111	ZAKRYTOYE AKTSIONERNOYE OBSHESTVO CENTER NAUCHNO- TEKHNICHESKIKH USLUG " DINAMIKA"	2,736,286
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WISSEMEIER, ALEXANDER	2,639,995	ZANOTTI, CHRISTOPHER JOHN	2,760,113
WITKAMP, GEERT JAN	2,586,450	ZANOTTI, MARTIN KIM	2,760,113
WOCKHARDT RESEARCH CENTRE	2,763,246	ZASLAVSKY, BORIS Y.	2,528,535
WOERLEE, GEERT FEYE	2,586,450	ZEAVISION, LLC	2,650,636
WOLLARD, JAMES L.	2,711,259	ZEDIRA GMBH	2,662,876
WOO, LOK WAI LAWRENCE	2,636,431	ZERULLA, WOLFRAM	2,639,995
WOOD, GREG	2,787,075	ZHANG, YUN	2,811,260
WOOLSTENCROFT, JON	2,695,540	ZIMRAN, ARI	2,458,001
WORLD ENERGY SYSTEMS, INC.	2,661,971	ZOLLINGER, MARK L.	2,623,748
WU, BINGYUAN	2,549,409	ZOPF, DAVID A.	2,549,409
WU, GUIXING	2,622,842	ZUBOV, FEDOR VLADIMIROVICH	2,728,206
WU, YAJUAN	2,727,755		
WU, YIYAN	2,483,117		
WUELFERT, ERNST	2,630,441		
WURZ, DIETER	2,606,868		
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XEROX CORPORATION	2,748,086		
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XIANG, RONG	2,477,406		
XOLUTION GMBH	2,719,260		
XY, INC.	2,468,772		
XY, LLC	2,316,080		
XY, LLC	2,468,772		
YABUUCHI, YOICHI	2,678,920		
YAGI, KATSUNORI	2,663,639		
YAGI, TSUTOMU	2,621,640		
YAMAKAWA, TOMIO	2,572,156		
YAMAKI, JUN-ICHI	2,543,711		
YAMANOKUCHI, TATSUYA	2,715,320		
YAMASHITA, TAKASHI	2,564,762		
YANG, EN-HUI	2,622,842		
YANG, ZHICHAO	2,539,111		
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YASUGI, AKIRA	2,724,601		
YIM, GARY	2,508,436		

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AGOURIDIS, DIMITRIS	2,775,060	IRELAND LIMITED	2,813,018	ENVISION ENERGY (DENMARK) APS	2,812,591
ALDANA, LEONARDO	2,813,103	CARMEN, ANTHONY J.	2,774,521	EUROCOPTER	2,809,976
ALEXANDER, CHRIS	2,812,473	CARR, CASEY	2,810,174	EVERTZ MICROSYSTEMS LTD.	2,774,718
ALISKI, PETER	2,794,498	CARRELL, DANIEL KEVIN	2,794,265	FANTONI, LUCA	2,812,463
AMAYA, RONY E.	2,774,858	CENTRE NATIONAL D'ETUDE SPATIALES (CNES)	2,812,448	FANTONI, LUCA	2,812,483
ANDERSEN, RUNE B.	2,812,561	CGGVERITAS SERVICES SA	2,813,226	FELDMAN, ANDREY	2,813,339
ANDERSEN, RUNE B.	2,812,562	CHAU, ALEXANDER S.	2,782,974	FENDLEY, TIMOTHY BRIAN	2,812,441
ANDRITZ INC.	2,811,509	CHAU, KIM	2,805,137	FERNANDO, UPUL SHANTHILAL	2,813,262
APOTEX PHARMACHEM INC.	2,812,490	CHEN, DAVID	2,813,380	FERRIS, MATTHEW G.	2,812,577
AWDE, DOUGLAS	2,774,962	CHERVON (HK) LIMITED	2,812,332	FINCH, STEVEN PRESTON	2,775,205
BALDOR, DANIEL	2,774,718	CHRISTENSEN, JACOB	2,813,282	FINTEL, BRADLEY WILLIS	2,811,821
BARLOW-BUSCH, ROBERT	2,813,194	CLARK, NICK	2,814,260	FLEGAL, MICHAEL JAMES	2,812,303
BAXLEY EQUIPMENT CO.	2,812,329	CLEAR ENERGY SYSTEMS, INC.	2,774,521	FOHR, HEIKKI	2,803,426
BAYLEY, JEFF	2,775,140	CNH AMERICA LLC	2,794,056	FORD, TIMOTHY D.F.	2,813,922
BEAUDRY, EDWARD	2,775,230	COASTAL PET PRODUCTS, INC.	2,810,033	FRAC ADVANTAGE STIMULATION TOOLS INCORPORATED	2,775,138
BELL HELICOPTER TEXTRON INC.	2,808,987	COASTAL PET PRODUCTS, INC.	2,812,248	FRANCISCO, JAY M.	2,806,099
BERGMAN, STEPHEN M.	2,812,587	COLLINS, GAYLE	2,795,412	FRANCISCO, JAY M.	2,806,953
BERGMAN, STEPHEN M.	2,812,687	COLONNA, DONATO	2,809,961	FRANICH, MATTHEW A.	2,811,560
BERGMAN, STEPHEN M.	2,812,690	COMCAST CABLE COMMUNICATIONS, LLC	2,812,571	FUNGE, JOHN	2,813,380
BERGMAN, STEPHEN M..	2,812,582	CONRY, PAT	2,812,329	GAVIN, DAVID	2,812,486
BERLINGUETTE, CURTIS	2,774,511	CONTAINMENT SOLUTIONS, INC.	2,813,177	GAVIN, DAVID	2,812,494
BERRIZ, SERGIO JAVIER	2,807,651	CONTAINMENT SOLUTIONS, INC.	2,813,180	GAVIN, DAVID	2,814,260
BITUNJAC, WILLIAM JOHN	2,823,353	DALLAI ERNESTO SOCIETA' A RESPONSABILITA' LIMITATA	2,813,278	GAYLE, JAMES	2,795,412
BIZSLATE INC.	2,813,444	DATTA, PROBAL KANTI	2,812,490	GE AVIATION SYSTEMS LIMITED	2,811,852
BLASZKOWIAK, DANIEL	2,811,835	DAVIDSON, MICHELLE	2,813,262	GEDERS, PAUL F.	2,802,139
BLUE STORM MEDIA INC.	2,775,101	DAVIS, GEORGE V.	2,803,209	GENERAL ELECTRIC COMPANY	2,811,816
BLYSTAD, SVEIN	2,812,561	DAVIS, LANCE S.	2,775,524	GENERAL ELECTRIC COMPANY	2,811,818
BLYSTAD, SVEIN	2,812,562	DEBOY, TIMOTHY D.	2,812,477	GENERAL ELECTRIC COMPANY	2,811,821
BOE, BENTE (DECEASED)	2,774,513	DEEP CASING TOOLS LIMITED	2,775,524	GETMAN CORPORATION	2,813,282
BOMBEN, PAOLO	2,774,511	DEGREMONT	2,813,667	GINGRAS, LUC	2,811,509
BONNIZIO, DOUGLAS J.	2,804,565	DEMEURE OPERATING COMPANY, LTD.	2,813,194	GIRARD, ALAIN	2,775,101
BOONE, JON	2,812,571	DEPEYRE, SERGE	2,812,448	GODDARD, MATTHEW CARL	2,812,486
BOTTINI, GIORGIO	2,812,463	DESORMEAUX, LUC A.	2,774,858	GODDARD, MATTHEW CARL	2,812,494
BOTTINI, GIORGIO	2,812,483	DESPATIE, MARC	2,774,846	GODDARD, MATTHEW CARL	2,814,260
BOWN, DAMIAN	2,812,486	DIMMER, JERRY	2,812,680	GOEHL, DAN R.	2,812,678
BOWN, DAMIAN	2,812,494	DODDS, NEVILLE	2,813,245	GOGLIO S.P.A.	2,812,463
BOWN, DAMIAN	2,814,260	DODDS, NEVILLE	2,813,262	GOGLIO S.P.A.	2,812,483
BRADLEY, MICHAEL	2,813,311	DOUANLA, HILAIRE	2,775,101	GOGLIO, FRANCO	2,812,463
BRAZIER, ROB	2,812,326	DOYNE, NATALIE VICTORIA	2,823,353	GOGLIO, FRANCO	2,812,483
BROCK, ALBERT	2,813,213	DU, HAO	2,812,332	GORAJSKI, MATTHEW	2,806,953
BROSSIER, JEROME	2,812,448	EDDY, BRETT ALLEN	2,811,852	GORDEEVA, YULIA	2,774,984
BRUKER DALTONICS, INC.	2,813,443	ELSTER SOLUTIONS, LLC	2,809,961	GORMLY, SHERWIN	2,775,230
BSH HOME APPLIANCES CORPORATION	2,795,412			GRAF, IRINA V.	2,810,617
BSH HOME APPLIANCES CORPORATION	2,810,174			GRAHAM, GEOFFREY STEPHEN	2,813,262
BUILDING MATERIALS INVESTMENT CORPORATION	2,774,509				
BUSHELL, MARK ANTHONY	2,811,852				
CADIERGUES, LAURENT	2,812,448				
CAMULLI, ERIC	2,812,326				
CANPLAS INDUSTRIES LTD.	2,775,140				

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GRIFFIN, JAMES H.	2,774,521	KELLEY, RAYMOND H.	2,809,961	MICROLINE SURGICAL, INC.	2,794,498
GRIFFIN, JASON TYLER	2,812,457	KENNEDY, RUSSELL	2,812,329	MILLER, MARK E.	2,803,209
GRISWOLD, CHAUNCEY W.	2,811,560	KENNER, RALF	2,800,628	MILOT, BERTRAND	2,775,101
GROVES, WILLIAM EMIL	2,775,138	KIRKHILL-TA CO.	2,774,376	MILWAUKEE ELECTRIC TOOL CORPORATION	2,774,505
GRUNWALD, STEVEN	2,812,668	KIRTON, PETER	2,813,262	MINER, LARRY	2,812,326
GUPTA, RAJESH	2,823,352	KLASING, KEVIN SAMUEL	2,811,818	MITROVIC, MILAN	2,812,101
HAAPANEN, JAAKKO	2,803,426	KLASING, KEVIN SAMUEL	2,811,821	MITSUBISHI ELECTRIC CORPORATION	2,809,349
HALLABY, STEVE	2,812,491	KNIGHT, GARRETT D.	2,812,247	MIYAKOSHI PRINTING MACHINERY CO., LTD.	2,813,012
HAMILTON SUNDSTRAND CORPORATION	2,806,099	KNIGHT, STEVEN JAMES	2,812,680	MIYANAGA, HISANOBU	2,809,349
HAMILTON SUNDSTRAND CORPORATION	2,806,953	KNOUSE, TROY	2,812,680	MOCA, JUDITH GULTEN	2,805,137
HAMILTON, ALISTAIR ROBERT	2,812,457	KODAMA, HITOYA	2,774,322	MOHR, TYNUR	2,774,936
HAN, WOO-JIN	2,820,553	KOENIG, GUNNAR	2,812,561	MOMCIU, ADRIAN	2,774,858
HANDI-FOIL CORPORATION	2,776,091	KOENIG, GUNNAR	2,812,562	MONTEMURRO, MICHAEL PETER	2,805,145
HARADA, KOTARO	2,813,012	KOHLER CO.	2,812,668	MOREAU, VINCENT	2,809,976
HARRIES, IWAN RHYS	2,813,245	KOZAR, MICHAEL P.	2,804,844	MORICE, LUDOVIC	2,813,667
HAUGEN, CHRISTINA GRANGER MORRISSEY	2,811,818	KRAFT FOODS GROUP BRANDS LLC	2,805,137	MORRIS, BENJAMIN CHARLES KIRKHAM	2,813,194
HAUGEN, CHRISTINA GRANGER MORRISSEY	2,811,821	KRASOVSKIY, ARKADY L.	2,810,617	MOUKA, JACOB	2,805,784
HAUKAAS, INGE	2,812,561	KRUG, BRIAN R.	2,794,056	MUFTI, MUID	2,775,060
HAUKAAS, INGE	2,812,562	KURIAKI, MAKOTO	2,809,349	MULTI PACKAGING SOLUTIONS, INC.	2,800,628
HAUSWIRTH, RAINER	2,810,165	KYLE, JONATHAN	2,812,668	MURDOCK, NATHAN D.	2,774,249
HAWES, LLOYD SUTTON, II	2,775,203	LALONDE, EMILIEN	2,773,289	MURPHY, JAMES JOSEPH	2,813,194
HAWES, LLOYD SUTTON, II	2,775,205	LAMPI, KEITH	2,775,230	MUSETTI, LOUIS JACK	2,812,647
HAWES, LLOYD SUTTON, II	2,775,220	LARSEN, KARL ERIK	2,774,513	NETFLIX, INC.	2,813,380
HE, DAKE	2,807,382	LAVAGNINI, LUCA	2,813,278	NORELL, NEIL N.	2,788,279
HEISE, DOUGLAS R.	2,774,521	LAWRENCE, RICHARD P.	2,809,473	NOTT, PHILIP	2,813,262
HELANDER, MICHAEL	2,774,591	LECERF, LUC	2,809,976	NYGAARD, CECILIE FJELD	2,774,513
HENRIKSEN, ARNE	2,774,513	LECLERC, VINCENT	2,805,137	NYKULIN, YURIY	2,774,984
HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF INDUSTRY THROUGH THE COMMUNICATION RESEARCH CENTRE CANADA	2,774,858	LEE, HYUN-TAEK	2,811,902	OLSEN, ANNA	2,805,137
HERRON, JOHN R.	2,775,230	LEE, KYO-HYUK	2,820,553	OLSON, BRIAN R.	2,774,519
HETTAK, KHELIFA	2,774,858	LEE, TAMMY	2,820,553	OLSON, BRIAN R.	2,799,806
HEVERLY, DAVID E.	2,808,987	LEICHER, AUDREY JOSEPHINE	2,823,353	OLSON, BRIAN R.	2,823,001
HILL, ROBERT D.	2,812,668	LEYRIS, JULIETTE DIOUMA	2,774,513	ORZELL, GREGORY	2,813,380
HOLT, ROBERT C., JR.	2,810,033	LI, MING	2,774,858	OTI LUMIONICS INC.	2,774,591
HOLT, ROBERT C., JR.	2,812,248	LICHTENEGGER, BRUNO	2,809,452	OTIS BED MANUFACTURING COMPANY, INC.	2,812,477
HOUSIAN, TERRY D.	2,810,122	LIVING MAP LIMITED	2,812,441	OUELLET, JEAN-FRANCOIS	2,812,503
HYDRATION SYSTEMS, LLC IGT	2,775,230	LOLLAR, JAMES PATRICK	2,810,620	PARDO, PIERRE-EMMANUEL	2,813,667
IZAWA, HIDEO	2,813,012	LONG, HON SENG	2,775,203	PARK, MELVIN ANDREW	2,813,443
JASICKI, WALTER	2,813,291	LONG, HON SENG	2,775,205	PARKER, ED	2,805,137
JENNINGS, MATTHEW J.	2,812,582	LONG, HON SENG	2,775,220	PARKER-HANNIFIN CORPORATION	2,811,835
JENNINGS, MATTHEW J.	2,812,587	LONGLEY, ANNE MARGARET	2,809,806	PASQUERO, JEROME	2,812,457
JENNINGS, MATTHEW J.	2,812,687	LONGLEY, MARK KENNETH	2,809,806	PATEL, RAJ	2,776,091
JENNINGS, MATTHEW J.	2,812,690	LOUGHLIN-LIHOU, AMANDA	2,775,073	PATINO, JOSEPH	2,807,651
JIMENEZ, JAIME	2,812,571	LU, ZHENG-HONG	2,774,591	PAYNE, BRUCE	2,812,486
JO, JANG Y.	2,806,953	LUGTON, DAVID	2,813,988	PAYNE, BRUCE	2,812,494
JOHANSEN, MICHAEL B.	2,812,490	LUITPOLD PHARMACEUTICALS, INC.	2,809,473	PAYNE, BRUCE	2,814,260
JUNG, HAE-KYUNG	2,811,902	MACDOUGALL, KENNETH L.	2,774,864	PETERSON, SARAH ROXANNE	2,823,353
JUSTIS, MICHAEL	2,810,174	MARANINCHI, XAVIER	2,809,976	PLATA, MARIA	2,805,137
KALMAN, MARC	2,813,444	MARLON HOLDINGS INC.	2,809,806	POOLE, GORDON	2,813,226
KAPLAN, DESMOND ALLEN	2,813,443	MARTIN, GREGORY DAVID	2,813,194	POTOKAR, CHRISTOPHER JON	2,811,818
KAUSHAL, ARVIND	2,812,571	MARTIN, HOWARD D.	2,813,588	POWER PIN INC.	2,774,519
		MASON, ROBERT T., JR.	2,809,961	POWER PIN INC.	2,799,806
		MATTES, JOACHIM	2,809,452	POWER PIN INC.	2,823,001
		MATTES, JOACHIM	2,809,452	PRESSLIE, MARK	2,775,524
		MCCLUSKEY, STEVEN	2,781,793		
		MCGRANE, BARRY	2,813,018		
		MEINERS, TRACEY D.	2,794,056		
		MERA, SUMITO	2,813,012		
		MERIDIAN MANUFACTURING INC.	2,810,122		
		MERRIKEN, CHARLES B.	2,794,056		

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PUPP, ALEXANDER	2,813,291	SETTEMSDAL, STIG OLAV	2,812,562	VILLA, CHRIS JOSEPH	2,811,816
QIU, JACKY	2,774,591	SHAPIRO, JAY S.	2,774,376	VIRTA, HENRY	2,803,426
QNX SOFTWARE SYSTEMS LIMITED	2,813,339	SHERMAN, BRETT	2,812,571	VIRTUAL HOLD TECHNOLOGY, LLC	2,812,326
QUIN, SPENCER LEAVITT GEORGE	2,813,339	SHOEMAKER, DAVE	2,813,282	WACKER CHEMIE AG	2,809,452
RADAN, DAMIR	2,812,561	SHOP VAC CORPORATION	2,788,279	WACKER CHEMIE AG	2,810,165
RADAN, DAMIR	2,812,562	SHUANG, JIANJUN	2,812,332	WANG, JING	2,807,382
RAMACHANDRAN, RAJA	2,823,352	SICARD, JEAN-CHARLES	2,809,976	WANG, ZHIBIN	2,774,591
RAND, CYNTHIA L.	2,810,617	SIEMENS		WATSON, MARIO	2,823,352
RAPTOR MINING PRODUCTS INC.	2,812,247	SIEMENS AKTIENGESELLSCHAFT	2,812,561	WEBB, BRIAN SCOTT	2,774,330
RAUSCH, GARRETT R.	2,794,056	SIEMENS AKTIENGESELLSCHAFT	2,812,562	WECKESSER, DIRK	2,810,165
RAYBON, CHRIS	2,812,329	SILVA, GREGORY A.	2,811,560	WEIMER, CHARLES	2,795,412
RAYTHEON CANADA LIMITED	2,805,691	SIMMONS, DAN	2,774,939	WELLSTREAM INTERNATIONAL LIMITED	2,813,245
REINDERS, ROBERT C.	2,811,899	SINGH, AJAY	2,774,509	WELLSTREAM INTERNATIONAL LIMITED	2,813,262
REPUBLIC TOBACCO L.P.	2,790,132	SMITH, MICHAEL R.	2,808,987	WENDER, LUCIEN	2,800,628
RESEARCH IN MOTION LIMITED	2,805,145	SNYDER, ERIC WILLIAM	2,775,203	WENDTE, KEITH W.	2,794,056
RESEARCH IN MOTION LIMITED	2,807,382	SNYDER, ERIC WILLIAM	2,775,205	WHEELWRIGHT, TROY	2,812,459
RESEARCH IN MOTION LIMITED	2,807,651	SNYDER, ERIC WILLIAM	2,775,220	WHITE, BRAD J.	2,812,678
RESEARCH IN MOTION LIMITED	2,812,457	SOLLAMI, JIMMIE L.	2,813,178	WIEGAND, JOSEPH R.	2,813,177
RESEARCH IN MOTION LIMITED	2,813,103	SOLO LAUNCH INC.	2,781,793	WIEGAND, JOSEPH R.	2,813,180
RESEARCH IN MOTION LIMITED	2,813,339	STAMPS, FRANK B.	2,808,987	WIKOFF, RICHARD	2,812,571
RODINIA TECHNOLOGIES LTD.	2,813,213	STATOIL CANADA LIMITED	2,774,513	WILENSKI, MARK S.	2,804,844
ROGERS, RICHARD	2,809,961	STEWART, CRAIG	2,812,490	WILKINS, BILL	2,812,329
ROMA, JOHN K.	2,812,477	STRATEGIC RAIL SYSTEMS COMPANY	2,812,680	WILLIAMS, MARK J.	2,812,326
ROZITIS, PETER	2,805,691	SWEENEY, TREVOR	2,805,137	WONG, BRIAN	2,805,784
RYLL, PAUL DAVID	2,794,498	SZWARC, VALEK	2,774,858	WONG, SHARON	2,805,784
SAMSUNG ELECTRONICS CO., LTD.	2,811,902	TANAKA, YASUHITO	2,809,349	XIMENES, LEONARDO	2,775,099
SAMSUNG ELECTRONICS CO., LTD.	2,820,553	TARGET BRANDS, INC.	2,823,352	YANG, CHUN-RONG	2,812,255
SARNOFF, NORTON	2,776,091	TARGET BRANDS, INC.	2,823,353	YANG, DEZHONG	2,812,332
SAVITZ, GEORGE	2,795,412	TEMPORAL POWER LTD.	2,813,020	YANG, JINJUAN	2,790,132
SCHAEFER, DAVE	2,812,680	THALES	2,812,448	YANG, TAI-HER	2,812,255
SCHNEIDER, WILLIAM A.	2,813,177	THE BICYCLE CORPORATION PTY LTD.	2,813,988	YOON, HEE-CHUL	2,811,902
SCHNEIDER, WILLIAM A.	2,813,180	THE BOEING COMPANY	2,802,139	YU, XIANG	2,807,382
SCHREIDER, LUDOVIC	2,812,448	THE BOEING COMPANY	2,803,209	YUAN, PEDRO HUANG BAI	2,774,505
SCHWARTZ, PETER JOHN	2,813,194	THE BOEING COMPANY	2,804,844	YURKO, MICHAEL Z.	2,788,279
SCOGGINS, SEAN M.	2,809,961	THE DOW GLOBAL TECHNOLOGIES LLC	2,810,617	ZAZULA, BRADLEY M.	2,810,122
SCOTT, EDWARD D.	2,775,524	THE FLEWELLING FORD FAMILY TRUST	2,813,922	ZHAO, YAJUN	2,812,490
SEIFERT, MICHAEL	2,808,987	THE UNIVERSITY OF WESTERN ONTARIO	2,812,584	ZHU, HONGDONG	2,812,591
SELMAN AND ASSOCIATES, LTD.	2,812,582	THOMPSON, ANDREW	2,813,262	ZULIMAR CORPORATION INC.	2,805,784
SELMAN AND ASSOCIATES, LTD.	2,812,587	TRAN, MINH SANG	2,812,473		
SELMAN AND ASSOCIATES, LTD.	2,812,687	TRAPEZE SOFTWARE ULC	2,812,486		
SELMAN AND ASSOCIATES, LTD.	2,812,690	TRAPEZE SOFTWARE ULC	2,814,260		
SELMAN, THOMAS H.	2,812,582	TRAPEZE SOFTWARE ULC.	2,812,494		
SELMAN, THOMAS H.	2,812,587	TURNBULL, KEVIN	2,813,018		
SELMAN, THOMAS H.	2,812,687	TURNER, ROBERT DAVID	2,813,339		
		TUTCO, INC.	2,810,620		
		TYHURST, TIMOTHY RICHARD	2,813,339		
		TYREE, RONALD FREDERICK	2,811,816		
		UNSTUCK, LLC	2,804,565		
		UTI LIMITED PARTNERSHIP	2,774,511		
		VAHLING, BRUCE R.	2,794,056		
		VARDEN, ARNOLD	2,774,847		
		VECTURE INC	2,812,647		
		VELTRI, JEFFREY ALLAN	2,813,020		
		VERTAFORE, INC.	2,775,203		
		VERTAFORE, INC.	2,775,205		

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3M INNOVATIVE PROPERTIES COMPANY	2,829,352	ASTAKHOV, ANDREY	2,829,461	BOR, ZSOLT	2,829,369
3M INNOVATIVE PROPERTIES COMPANY	2,829,354	ATAKAN, VAHIT	2,829,320	BOR, ZSOLT	2,829,374
3M INNOVATIVE PROPERTIES COMPANY	2,829,624	ATWOOD MOBILE PRODUCTS LLC	2,829,363	BORWANKAR, AMEYA	2,829,629
ABAD, ANDRE	2,829,571	ATWOOD MOBILE PRODUCTS, LLC	2,829,348	BOSMAN, DIRK	2,829,318
ABBAS, LAURENT	2,829,347	AUBART, KELLY M.	2,829,361	BOUCHIER, MARK	2,829,334
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ABBOTT LABORATORIES	2,829,598	BAJIC, VLADIMIR	2,829,300	BOYCE, JILL	2,829,290
ABBOTT MEDICAL OPTICS INC.	2,829,369	BALAKSHIN, MIKHAIL YUREVICH	2,829,413	BOYCE, JILL	2,829,493
ABBOTT MEDICAL OPTICS INC.	2,829,374	BALICKI, KRYSYAN	2,829,568	BOYCE, JILL	2,829,603
ABEGGLEN, DANIEL	2,829,510	BARNABAS, FREDDY ARTHUR	2,829,638	BOYD, THOMAS J.	2,829,119
ABRAHAMIAN, JENNIFER F.	2,829,432	BARTEK, ROBERT	2,829,319	BRABEC, VERNON JOSEPH	2,829,336
ACUTUS MEDICAL, INC.	2,829,626	BARTHOMEUF, JEAN-PAUL	2,829,479	BRADY, DANIEL G.	2,829,369
ADAMS, NEIL PATRICK	2,829,620	BASINGER, BROOKE	2,829,374	BRADY, DANIEL G.	2,829,374
AISA, BRAD	2,817,576	BAYER INTELLECTUAL PORPPTY GMBH	2,829,358	BRADY, MICHAEL	2,829,319
AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,829,544	BAYER INTELLECTUAL PORPPTY GMBH	2,829,377	BRANDVOLD, TIMOTHY A.	2,829,432
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ALLEF, PETRA	2,828,281	BECTON DICKINSON AND COMPANY	2,829,115	BRIDLE, BRYAM	2,829,607
ALLISON TRANSMISSION, INC.	2,829,627	BELEY, CYRIAQUE	2,829,518	BRITTON, CLAUDIA E.	2,829,489
AMARIN, RUBA AKRAM	2,829,573	BELL HELICOPTER TEXTRON INC.	2,829,360	BRODERICK, JEFF	2,829,597
AMGEN INC.	2,829,628	BELL, JOHN	2,829,607	BROWN, GERALD ORONDE	2,829,292
AMS RESEARCH CORPORATION	2,829,334	BELL, NELSON	2,829,612	BRUHEIM, INGE	2,829,453
ANALOG DEVICES, INC.	2,829,568	BELSON, NEIL, ALLEN	2,829,180	BRYAN, ERIC ALLEN	2,829,212
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ANDERSON, ERIC	2,829,618	BENOWITZ, ANDREW B.	2,829,361	CAIZZA, RICHARD	2,829,355
ANKUSH, SARDE GANGARAM	2,829,466	BERGEZ, AURELIE	2,829,479	CAIZZA, RICHARD	2,829,372
APS TECHNOLOGY, INC.	2,829,318	BESSE, MICHAEL E.	2,829,301	CALI, DOUGLAS	2,829,369
AQUION ENERGY INC.	2,829,224	BIGGS, SILMON JAMES	2,829,358	CALI, DOUGLAS	2,829,374
AQUIS SANITAR AG	2,829,425	BIGGS, SILMON JAMES	2,829,377	CALPE MARAVILLA, JAVIER	2,829,568
ARAI, SHINGO	2,829,563	BILLAUD, GAETAN	2,829,379	CAMARA, CARLOS	2,829,621
ARAKI, SUGURU	2,829,185	BINGOL, SEMRA	2,829,280	CAMPBELL, CURT B.	2,829,087
ARCELORMITTAL INVESTIGACION Y DESAROLLO SL	2,829,457	BIOMIMETICS HEALTH INDUSTRIES LIMITED	2,829,449	CANTIN, GERSENDE MARIE DELPHINE	2,829,391
ARDAUD, PIERRE	2,829,508	BLACKBERRY LIMITED	2,829,620	CAPANEMA, EWELLYN	2,829,413
ARKEMA INC.	2,829,347	BLOMGREN, GEORGE EARL	2,829,342	CARKNER, STEVE	2,829,304
ARKEMA INC.	2,829,486	BLUESCOPE BUILDINGS NORTH AMERICA, INC.	2,829,260	CAUDILL, TROY SHELDON	2,829,360
ARMENTA, ROBERTO	2,829,296	BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2,829,612	CELGENE AVIOMICS RESEARCH, INC.	2,829,558
ARSENEAU, ERIC JEAN-PAUL	2,829,402	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,829,629	CELGENE CORPORATION	2,829,570
ARSENEAU, ERIC JEAN-PAUL	2,829,403	BOJAN, JAY	2,829,372	CELGENE CORPORATION	2,829,593
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ASSET SCIENCE LLC	2,829,402			CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,829,518
ASSET SCIENCE LLC	2,829,403			CENTURY, THEODORE J.	2,829,551

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CHILDREN'S MEDICAL		E. I. DU PONT DE NEMOURS		PROPERTY (NO.2)	
CENTER CORPORATION	2,829,586	AND COMPANY	2,829,429	LIMITED	2,829,361
CHINEN, TORU	2,829,328	E. I. DU PONT DE NEMOURS		GLYTECH, INC.	2,829,314
CHIOU, MINSHON J.	2,829,292	AND COMPANY	2,829,431	GOOGLE INC.	2,825,662
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CHRISTENSEN, KEVIN		EBNER, JAMES E.	2,829,212	NAVINCHANDRA	2,829,466
THOMAS	2,829,360	ECOLAB USA INC.	2,829,301	GRAHAM, RENARD TOMAS	2,829,336
CHUTINAN, ALONGKARN	2,829,490	EHRlich, AVSHALOM	2,829,473	GRANOVETTER, RANDY	2,829,382
CIPOLLI, STEPHEN	2,829,290	EISAI R&D MANAGEMENT		GRECHANOV, ALEKSANDR	
CLARK EQUIPMENT		CO., LTD.	2,829,515	VLADIMIROVICH	2,829,206
COMPANY	2,829,379	EKSETH, ROGER	2,829,309	GREEN, LAWRENCE R.	2,829,398
COATEX	2,829,446	ELECTROLUX HOME		GRIINARI, MIKKO	2,829,453
COBERN, MARTIN E.	2,829,318	PRODUCTS, INC.	2,829,634	GRINDSTAFF, GENE A.	2,829,298
COHEN, BENJAMIN M.	2,829,570	ELHAG, HAMID	2,829,614	GROESCHKE, JASMIN	2,829,497
COHEN, STEVEN MARTIN	2,829,343	ENGLISH, EOIN EDWARD	2,829,568	GU, MIN-JI	2,829,583
COLEMAN, ZANE ARTHUR	2,829,388	ENSLIN, JOHAN	2,829,573	GUERRET, OLIVIER	2,829,446
COLGATE-PALMOLIVE		ERICSON MANUFACTURING		GUILLEN, CRISTINA	2,829,503
COMPANY	2,829,119	COMPANY	2,829,600	GUILLO, PHILIPPE	2,829,302
COLGATE-PALMOLIVE		EVANS, DAVID	2,829,565	GUNNES, SOLVI	2,829,511
COMPANY	2,829,501	EVENSEN, JOSEPH M.	2,829,401	GUPTA, SUROJIT	2,829,320
COLTER, DUANE E.	2,829,627	EVONIK DEGUSSA GMBH	2,828,281	GYRODATA INCORPORATED	2,829,309
COMMONWEALTH		EXPERTON, BETTINA	2,829,256	HACH LANGE GMBH	2,829,506
SCIENTIFIC AND		FANG, YUHONG	2,829,361	HAGI, MASAYUKI	2,829,190
INDUSTRIAL RESEARCH		FARREN, SEAN W.	2,825,811	HALL, NATHAN	2,829,638
ORGANISATION	2,829,391	FELSMANN, KAREN	2,829,503	HALLIBURTON ENERGY	
COMPANY BOSCH, ENRIQUE	2,829,568	FELTON, JESSICA	2,829,334	SERVICES, INC.	2,829,451
CONNELL, MICHAEL L.	2,829,220	FENKNER, MARK	2,825,811	HALVORSEN, HARALD	2,829,511
CONNORS INDUSTRIALS, INC	2,829,457	FENN, MATTHEW	2,829,565	HAMADA, MANABU	2,829,190
CORONA, ALESSANDRO, III	2,829,638	FERGUSON, ANDREW M.	2,829,220	HAMILTON, MATTHEW J.	2,829,385
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CRAWLEY, SETH L.	2,829,492	FITZGERALD, ALAN	2,829,387	HASEEB, ADIL	2,829,614
CRONIN, PATRICK M.	2,829,330	FLEX LIGHTING II, LLC	2,829,388	HATANAKA, MITSUYUKI	2,829,328
DAI, WEIGUO	2,829,367	FLUORCHEMIE DOHNA		HEAGEY, ROBERT C.	2,829,348
DALY, PAUL J.	2,829,387	GMBH	2,829,312	HEDDON, CHRIS	2,829,386
DANISCO US INC.	2,829,337	FOURNEY, MATTHEW L.	2,829,350	HEIDELBERG PHARMA	
DASBACH, UWE	2,829,509	FOURSQUARE LABS, INC.	2,829,252	GMBH	2,829,421
DAZAI, TATSUYA	2,829,567	FREDERIC, KYLE J.	2,829,087	HELANDER, MICHAEL G.	2,829,490
DE ROSA, FRANCESCO	2,829,310	FRESENIUS VIAL SAS	2,829,514	HELIAE DEVELOPMENT, LLC	2,828,957
DEIGHAN, CIARA	2,829,387	FUKAO, TOMOHIRO	2,829,190	HELIAE DEVELOPMENT, LLC	2,829,481
DELAYE, DARREN L.	2,825,662	FUNDER, ROBERT	2,829,394	HELIAE DEVELOPMENT, LLC	2,829,577
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LLC	2,829,295	GANDHI, ANITA	2,829,593	HEXAGON TECHNOLOGY	
DEPUY SYNTHES PRODUCTS,		GANDHI, SHIVANGI		CENTER GMBH	2,829,298
LLC	2,829,565	ANANTRUPA	2,829,620	HEXAGON TECHNOLOGY	
DETERMAN, AMY S.	2,829,352	GANDON, CHRISTINE		CENTER GMBH	2,829,636
DETERMAN, AMY S.	2,829,354	BOEMARE	2,829,087	HIGASHIMURA, AKIHIRO	2,829,553
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DIALLO, JEAN-SIMON	2,829,607	GAUTHIER, ALAIN	2,829,479	HINCKLEY, KEE	2,829,484
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DONG, HUA	2,829,571	GEISHEIMER, JONATHAN	2,829,637	HITCHCOCK, ROGER NELSON	2,829,358
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AND COMPANY	2,829,292	GERAGHTY, EDWARD	2,829,374	HOGGARTH, ANDREW	2,829,305
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AND COMPANY	2,829,420	GERBER, THOMAS	2,829,491	HOLST, THOMAS	2,829,637
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HUMETRIX.COM, INC.	2,829,256	KHORUTS, ALEXANDER	2,829,385	LIU, XIAOFENG	2,829,618
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COVIDIEN LP	2,825,425	KEELEY, SEAN	2,762,295	PUTERMAN, DAVID	2,762,029
CRONIN, MAUREEN T.	2,829,472	KEEPCUP PTY LTD	2,761,933	PUTMAN, KEITH	2,779,441
CRONIN, MAUREEN T.	2,829,477	KERR, ANDREW	2,825,732	QUALCOMM INCORPORATED	2,825,703
CYCHOWSKI, TOMASZ	2,825,732	KIL, JONATHAN	2,825,792	QUAN, DAVID	2,762,645
DALY, FRANCIS P.	2,829,163	KLEIN, ISRAEL J.	2,825,592	QUERRY, FRANCOIS-XAVIER	2,762,059
DAS, TAPAN	2,762,067	KLIMACK HOLDINGS INC.	2,761,516	QUICK, RICHARD L.	2,825,439
DAVENPORT, NIGEL	2,776,525	KLIMACK, BRIAN K.	2,761,516	RADEKE, HEIKE S.	2,828,128
DAVENPORT, NIGEL	2,776,528	KUM, ERHAN	2,760,408	REGAN, DAVID GERALD	2,761,922
DAVENPORT, NIGEL	2,776,539	LAMBERT, JOSEPH J.	2,828,115	REM SCIENTIFIC	
DAYMO, ERIC	2,829,163	LANTHEUS MEDICAL		ENTERPRISES, INC.	2,825,499
DENKA SEIKEN CO., LTD.	2,828,120	IMAGING, INC.	2,828,128	ROBINSON, SIMON P.	2,828,128
DG MANUFACTURING, LLC	2,762,197	LEE, CHUN-LIN	2,826,965	ROLAN, PAUL	2,771,798
DIAMICRON, INC.	2,825,442	LEE, CHUN-LIN	2,826,966	ROLLINS, WILLIAM DAVID	2,761,557
DISCHIMO, DOUGLAS D.	2,828,128	LIN, GEORGE	2,825,592	ROUSSY, RICHARD B.	2,761,419
DOSHI, KISHORE J.	2,829,539	LONG, RICHARD Q.	2,829,163	RUSH, AARON	2,762,026
DRYAIR INC.	2,762,450	LOUW, FRANK R.	2,825,439	RYAN, PAUL	2,762,197
EGILSON, KRISTOPHER	2,825,732	LUBOCK, PAUL	2,825,439	SACHEDINA, AAMER	2,761,553

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SAFABASH, JASON H.	2,825,439
SAMPSON, ROBERT	2,761,397
SANGER, ROBERT J.	2,829,539
SENORX, INC.	2,825,439
SHABAZ, MARTIN V.	2,825,439
SHAK, STEVE	2,829,472
SHAK, STEVE	2,829,477
SHUBERT, JOSEPH NEIL	2,761,922
SODARO, BRUNO G.	2,828,852
SOUND PHARMACEUTICALS INCORPORATED	2,825,792
STANWOOD, KENNETH L.	2,825,592
STERN, ROGER A.	2,825,425
STROPPIANA, MARCO	2,770,009
SU, DAVID	2,825,703
SUNWAY BIOTECH CO., LTD.	2,826,965
SUNWAY BIOTECH CO., LTD.	2,826,966
THORVALDSON, DEREK B.	2,762,295
TONKOVICH, ANNA LEE	2,829,163
TRECAN COMBUSTION LIMITED	2,761,922
TYMIANSKI, MICHAEL	2,762,338
UMBRA LLC	2,762,645
VELOCYS INC.	2,829,163
WANG, LI	2,762,040
WANG, YONG	2,829,163
WEBER, ROBERT B.	2,828,852
WI-LAN INC.	2,825,592
WOOD, ROBERT A.	2,762,197
WU, CHENG-LUN	2,826,965
WU, CHENG-LUN	2,826,966
XU, YUE	2,760,682
YANG, BARRY L.	2,829,163
ZARGARI, MASOUD	2,825,703
ZAWATSKY, TIMOTHY A.	2,828,115
ZELICKSON, BRIAN D.	2,825,425