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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:

2,500,686
2,740,946

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

7. Brevets disponibles pour licence ou vente

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

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

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

2,500,686
2,740,946

9. Applications Open to Public Inspection

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

10. Language of Published Documents

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

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

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

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

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

9. Demandes mises à la disponibilité du public

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

10. Langue du document publié

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

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

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

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

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

Notices

4. Late payment fee

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

4. Taxe pour paiement tardif

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

Preliminary Examination

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

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

Examen préliminaire

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

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

* International fees will be reduced by:

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

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

15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

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

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

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

1. Établissements désignés

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

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

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

Avis

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

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

2. Registered Mail Service of Canada Post

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

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

3. Electronic Correspondence

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

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

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

2. Service Courrier recommandé de Postes Canada

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

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

3. Correspondance électronique

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

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

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

Notices

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

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

3.1 Facsimile

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

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

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

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

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

Patents

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

3.2 Online

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

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

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

3.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

3.2 En ligne

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

Avis

Patents

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

Trade-marks

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

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

Brevets

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

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

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

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

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

Marques de commerce

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

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

Notices

Copyrights

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

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

Industrial Designs

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

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

Integrated Circuit Topographies

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

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

3.3 Electronic Medium

Patents

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

Droits d'auteur

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

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

Dessins industriels

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

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

Topographies de circuits intégrés

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

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

3.3 Supports électroniques

Brevets

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

Avis

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

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

Canada as Receiving Office Under the PCT: PCT-EASY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notices

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

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

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

Electronic Media accepted by the Patent Office

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

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

4. Details concerning the electronic formats accepted

Patents

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

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

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

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

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

Supports électroniques acceptés par le Bureau des brevets

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

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

4. Précisions concernant les formats électroniques acceptés

Brevets

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

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

Avis

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

TIFF Format:

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

PDF Format:

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

ASCII Format:

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

Industrial Design

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

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

TIFF Format:

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

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

Format TIFF :

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

Format PDF :

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

Format ASCII :

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

Dessins industriels

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

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

Format TIFF :

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

Notices

Photographs in JPEG Format:

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

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

5. General Information

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

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 30, 2013 contains applications open to public inspection from July 14, 2013 to July 20, 2013.

Photographies en format JPEG :

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

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

5. Renseignements généraux

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

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 30 juillet 2013 contient les demandes disponibles au public pour consultation pour la période du 14 juillet 2013 au 20 juillet 2013.

Canadian Patents Issued

July 30, 2013

Brevets canadiens délivrés

30 juillet 2013

[11] **2,237,891**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12Q 1/70 (2006.01)**

[25] EN

[54] **NUCLEIC ACID PROBES COMPLEMENTARY TO HUMAN PAPILLOMAVIRUS NUCLEIC ACID AND RELATED METHODS AND KITS**

[54] **SONDES D'ACIDES NUCLEIQUES COMPLEMENTAIRES DES ACIDES NUCLEIQUES DU VIRUS DU PAPILOME HUMAIN, METHODES ET PREPARATIONS ASSOCIEES**

[72] GORDON, PATRICIA, US
[72] CARTER, NICK M., US
[72] BRENTANO, STEVEN T., US
[72] HAMMOND, PHILIP W., US
[73] GEN-PROBE INCORPORATED, US

[85] 1998-05-14
[86] 1996-11-12 (PCT/US1996/018711)
[87] (WO1997/018334)
[30] US (60/006,854) 1995-11-15

[11] **2,276,542**
[13] C

[51] **Int.Cl. A61K 38/04 (2006.01) A61K 38/06 (2006.01) A61K 38/07 (2006.01)**

[25] EN

[54] **NOVEL PEPTIDE, A METHOD FOR ITS PREPARATION AND A PHARMACEUTICAL COMPOSITION CONTAINING THE PEPTIDE**

[54] **NOUVEAU PEPTIDE, UNE METHODE POUR SA PREPARATION ET UNE COMPOSITION PHARMACEUTIQUE RENFERMANT CE PEPTIDE**

[72] DEIGIN, VLADISLAV I., CA
[72] KOROTKOV, ANDREI, RU
[73] KOROTKOV, ANDREI, RU
[73] IMMUNOTECH DEVELOPMENTS INC., CA

[86] (2276542)
[87] (2276542)
[22] 1999-06-28

[11] **2,285,213**
[13] C

[51] **Int.Cl. C07F 7/02 (2006.01) C07F 7/08 (2006.01) C07F 7/10 (2006.01) C07F 7/18 (2006.01)**

[25] EN

[54] **SILYLATED AND N-SILYLATED COMPOUND SYNTHESIS**

[54] **SYNTHESE DE COMPOSES SILYLES ET N - SILYLES**

[72] GATELY, DANIEL ANTHONY, US
[73] BOULDER SCIENTIFIC COMPANY, US

[85] 1999-09-30
[86] 1999-01-29 (PCT/US1999/002007)
[87] (WO1999/038871)
[30] US (09/016,641) 1998-01-30

[11] **2,335,951**
[13] C

[51] **Int.Cl. G01N 33/50 (2006.01) B01J 19/00 (2006.01) C12Q 1/68 (2006.01) G01N 21/62 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) B01L 3/00 (2006.01)**

[25] EN

[54] **DECODING OF ARRAY SENSORS WITH MICROSPHERES**

[54] **DECODAGE DE DETECTEURS MATRICIELS A MICROSPHERES**

[72] CHEE, MARK S., US
[72] STUELPNAGEL, JOHN R., US
[72] CZARNIK, ANTHONY W., US
[73] ILLUMINA, INC., US

[85] 2000-12-22
[86] 1999-06-24 (PCT/US1999/014387)
[87] (WO1999/067641)
[30] US (60/090,473) 1998-06-24
[30] US (09/189,543) 1998-11-10

[11] **2,337,932**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) G07F 17/16 (2006.01) G07F 17/30 (2006.01) H04N 7/24 (2011.01)**

[25] FR

[54] **ADVANCE SELECTION PROCESS, DIGITAL SYSTEM AND JUKEBOX TO IMPLEMENT SAME**

[54] **PROCEDE DE COMMANDE ANTICIPEE D'UNE SELECTION, SYSTEME NUMERIQUE ET JUKEBOX PERMETTANT LA MISE EN OEUVRE DU PROCEDE**

[72] NATHAN, GUY, CA
[72] DION, DOMINIQUE, CA
[72] MASTRONARDI, TONY, CA
[73] TOUCHTUNES MUSIC CORPORATION, US

[86] (2337932)
[87] (2337932)
[22] 2001-02-23
[30] FR (0002252) 2000-02-23

[11] **2,349,914**
[13] C

[51] **Int.Cl. H04N 21/2668 (2011.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **ADVERTISING DELIVERY METHOD**

[54] **METHODE DE LIVRAISON DE MESSAGES PUBLICITAIRES**

[72] WILSON, DANIEL C., CA
[72] BOULET, DANIEL A., CA
[72] TORRIERI, SANDRO A., CA
[72] MICHAELS, DEAN T., CA
[73] INVIDI TECHNOLOGIES CORP., CA

[86] (2349914)
[87] (2349914)
[22] 2001-06-07
[30] US (60/210,468) 2000-06-09

**Canadian Patents Issued
July 30, 2013**

[11] **2,366,221**
[13] C

[51] **Int.Cl. E02B 3/06 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR RAPIDLY INSTALLED BREAKWATER**
[54] **SYSTEME ET APPAREIL POUR L'INSTALLATION RAPIDE D'UN BRISE-LAME**
[72] MEYERS, FRANK, US
[72] BROWN, JOHN A., US
[73] KEPNER PLASTICS FABRICATORS, INC., US
[86] (2366221)
[87] (2366221)
[22] 2001-12-28
[30] US (09/751,164) 2000-12-29

[11] **2,371,531**
[13] C

[51] **Int.Cl. G06T 9/00 (2006.01) B41J 2/01 (2006.01) B41J 2/155 (2006.01) B41J 2/165 (2006.01) B41J 2/175 (2006.01) B41J 3/36 (2006.01) B41J 3/44 (2006.01) B41J 3/46 (2006.01) B41J 13/12 (2006.01) B41J 23/02 (2006.01) B41J 29/393 (2006.01) G03B 19/00 (2006.01) H04N 1/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSOR FOR CAMERA MODULE**
[54] **PROCESSEUR D'IMAGES D'UN MODULE DE CAMERA**
[72] SILVERBROOK, KIA, AU
[72] WALMSLEY, SIMON ROBERT, AU
[72] LAPSTUN, PAUL, AU
[73] GOOGLE INC., US
[85] 2001-11-23
[86] 2000-05-24 (PCT/AU2000/000507)
[87] (WO2000/072265)
[30] AU (PQ 0560) 1999-05-25

[11] **2,385,255**
[13] C

[51] **Int.Cl. D01D 5/06 (2006.01) A61L 15/46 (2006.01) D01F 1/10 (2006.01) D01F 2/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A CATAMENIAL/TAMPON DEVICE**
[54] **PROCEDE DE FABRICATION D'UN TAMPON HYGIENIQUE**
[72] WILLIAMS, KARLA E., US
[73] PLAYTEX PRODUCTS, INC., US
[85] 2002-03-19
[86] 2000-09-21 (PCT/US2000/025944)
[87] (WO2001/021866)
[30] US (09/399,654) 1999-09-21

[11] **2,400,220**
[13] C

[51] **Int.Cl. H04L 9/28 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **CONSUMABLE AUTHENTICATION PROTOCOL AND SYSTEM**
[54] **SYSTEME ET PROTOCOLE D'AUTHENTIFICATION DE CONSOMMABLES**
[72] WALMSLEY, SIMON ROBERT, AU
[72] SILVERBROOK, KIA, AU
[73] ZAMTEC LIMITED, IE
[85] 2002-08-14
[86] 2001-02-15 (PCT/AU2001/000139)
[87] (WO2001/061917)
[30] US (09/505,147) 2000-02-15

[11] **2,400,395**
[13] C

[51] **Int.Cl. A61N 5/067 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **IMPROVED LASER COMB DESIGN/FUNCTION**
[54] **CONCEPTION/FONCTION AMELIOREES D'UN PEIGNE A LASER**
[72] PEARL, HENRY, AU
[73] LEXINGTON INTERNATIONAL, LLC, US
[85] 2002-08-16
[86] 2000-04-11 (PCT/AU2000/000302)
[87] (WO2001/060457)
[30] AU (17548/00) 2000-02-17

[11] **2,413,754**
[13] C

[51] **Int.Cl. C12N 15/19 (2006.01) A61K 38/18 (2006.01) A61K 38/19 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 19/08 (2006.01) A61P 25/00 (2006.01) C07K 14/475 (2006.01) C07K 14/52 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/66 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **CANINE HEPATOCYTE GROWTH FACTOR**
[54] **FACTEUR DE CROISSANCE D'HEPATOCYTE CANINE**
[72] MIYAKE, MASASHI, JP
[72] IWABUCHI, SHIGEHIRO, JP
[72] SUZUTA, YASUYUKI, JP
[73] NIPPON ZENYAKU KOGYO CO., LTD., JP
[85] 2002-12-18
[86] 2001-06-22 (PCT/JP2001/005362)
[87] (WO2001/098347)
[30] JP (2000-187724) 2000-06-22

[11] **2,420,565**
[13] C

[51] **Int.Cl. G01V 11/00 (2006.01) G01V 5/10 (2006.01) G01V 13/00 (2006.01)**
[25] EN
[54] **A METHOD OF THROUGH-CASING GAS DETECTION**
[54] **METHODE DE DETECTION DU GAZ A TRAVERS LE CUVELAGE**
[72] CALVERT, STEFAN ERIC EDWARD, GB
[72] SAMWORTH, JAMES ROGER, GB
[72] PEREIRA, CHARLES ALEXANDER, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[86] (2420565)
[87] (2420565)
[22] 2003-02-28
[30] GB (0208410.1) 2002-04-12

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[11] **2,420,854**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/26 (2006.01) A61K 9/28 (2006.01) A61K 9/30 (2006.01) A61K 9/50 (2006.01) A61K 31/485 (2006.01) A61M 37/00 (2006.01) A61P 25/36 (2006.01) A61K 9/16 (2006.01)**

[25] EN

[54] **SLOW RELEASE PHARMACEUTICAL PREPARATION AND METHOD OF ADMINISTERING OF SAME**

[54] **PREPARATION PHARMACEUTIQUE A LIBERATION LENTE ET METHODE D'ADMINISTRATION DE LA PREPARATION**

[72] O'NEIL, ALEXANDER GEORGE B., AU

[72] LIU, YANDI, AU

[73] PALMAYA PTY LTD, AU

[85] 2003-02-28

[86] 2001-09-03 (PCT/AU2001/001107)

[87] (WO2002/017971)

[30] AU (PQ 9851) 2000-09-01

[30] AU (PQ 9852) 2000-09-01

[11] **2,422,298**
[13] C

[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **COLORECTAL CANCER DIAGNOSTICS**

[54] **DIAGNOSTICS DU CANCER COLORECTAL**

[72] WANG, YIXIN, US

[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[86] (2422298)

[87] (2422298)

[22] 2003-03-28

[30] US (60/368,798) 2002-03-29

[11] **2,422,305**
[13] C

[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **ASSESSING COLORECTAL CANCER**

[54] **DIAGNOSTICS DU CANCER COLORECTAL**

[72] WANG, YIXIN, US

[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[86] (2422305)

[87] (2422305)

[22] 2003-03-28

[30] US (60/368,687) 2002-03-29

[11] **2,422,774**
[13] C

[51] **Int.Cl. A61K 38/19 (2006.01) A61K 31/711 (2006.01) A61K 38/18 (2006.01) A61K 48/00 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **REMEDIES FOR AMYOTROPHIC LATERAL SCLEROSIS**

[54] **REMEDE CONTRE LA SCLEROSE LATERALE AMYOTROPHIQUE**

[72] FUNAKOSHI, HIROSHI, JP

[72] SUN, WOONG, KR

[72] NAKAMURA, TOSHIKAZU, JP

[73] NAKAMURA, TOSHIKAZU, JP

[85] 2003-03-14

[86] 2001-02-28 (PCT/JP2001/001539)

[87] (WO2002/022162)

[30] JP (2000/280081) 2000-09-14

[11] **2,425,174**
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) A61P 15/00 (2006.01) A61P 15/18 (2006.01) C07H 21/00 (2006.01) C07K 14/47 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **HUMAN GENE CRITICAL TO FERTILITY**

[54] **GENE HUMAIN INDISPENSABLE A LA FERTILITE**

[72] NELSON, LAWRENCE M., US

[72] TONG, ZHI-BIN, US

[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES, US

[85] 2003-04-07

[86] 2001-04-04 (PCT/US2001/010981)

[87] (WO2002/032955)

[30] US (60/241,510) 2000-10-18

[11] **2,430,893**
[13] C

[51] **Int.Cl. C12N 9/62 (2006.01) A23J 3/16 (2006.01) A23J 3/34 (2006.01) A23K 1/16 (2006.01) A23L 1/29 (2006.01) A23L 1/305 (2006.01) A23L 2/02 (2006.01) A23L 2/84 (2006.01) C12H 1/00 (2006.01) C12N 1/20 (2006.01) C12N 15/57 (2006.01) C12Q 1/37 (2006.01) G01N 33/569 (2006.01) G01N 33/573 (2006.01)**

[25] EN

[54] **PROTEIN HYDROLYSATES ENRICHED IN PEPTIDES HAVING A CARBOXY TERMINAL PROLINE RESIDUE**

[54] **HYDROLYSATS DE PROTEINES ENRICHIS EN PEPTIDES POSSEDANT UN RESTE DE PRO;INE A TERMINAISON CARBOXY**

[72] DEKKER, PETRUS JACOBUS THEODORUS, NL

[72] VAN DER HOEVEN, ROBERTUS ANTONIUS MIJNDERT, NL

[72] EDENS, LUPPO, NL

[72] DE LANGE, LINDA, NL

[73] DSM IP ASSETS B.V., NL

[85] 2003-06-06

[86] 2001-12-06 (PCT/EP2001/014480)

[87] (WO2002/045524)

[30] EP (00204404.8) 2000-12-07

[30] EP (01204464.0) 2001-11-15

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[11] **2,431,849**
[13] C

[51] **Int.Cl. H04W 72/10 (2009.01) H04W 72/08 (2009.01) H04B 14/08 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **MULTI-CARRIER COMMUNICATIONS WITH GROUP-BASED SUBCARRIER ALLOCATION**

[54] **COMMUNICATIONS A ONDES PORTEUSES MULTIPLES AVEC ATTRIBUTION D'ONDES PORTEUSES BASEE SUR DES GROUPES**

[72] LIU, HUI, US

[72] YIN, HUIJUN, US

[72] LI, XIAODONG, US

[72] MU, FUQI, US

[72] XING, GUANBIN, US

[73] ADAPTIX, INC., US

[85] 2003-06-11

[86] 2001-12-13 (PCT/US2001/048422)

[87] (WO2002/049306)

[30] US (09/738,086) 2000-12-15

[30] US (09/837,337) 2001-04-17

[11] **2,433,472**
[13] C

[51] **Int.Cl. G06F 9/54 (2006.01) G06F 9/46 (2006.01) G06F 17/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ISSUING A MESSAGE TO A PROGRAM**

[54] **SYSTEME ET METHODE POUR TRANSMETTRE UN MESSAGE A UN PROGRAMME**

[72] SAWICKI, MARCIN, US

[72] JONES, BRIAN MICHAEL, US

[72] REYNAR, JEFFREY C., US

[72] THARP, EDWARD W., US

[73] MICROSOFT CORPORATION, US

[86] (2433472)

[87] (2433472)

[22] 2003-06-25

[30] US (10/183,317) 2002-06-25

[11] **2,441,547**
[13] C

[51] **Int.Cl. G07F 19/00 (2006.01)**

[25] EN

[54] **HYBRID CREDIT CARD TRANSACTION SYSTEM**

[54] **SYSTEME DE TRANSACTION PAR CARTE DE CREDIT HYBRIDE**

[72] SPEAR, KEVIN W., US

[73] UNITED PARCEL SERVICE OF AMERICA, INC., US

[85] 2003-09-18

[86] 2002-03-20 (PCT/US2002/008521)

[87] (WO2002/075501)

[30] US (09/812,452) 2001-03-20

[11] **2,442,010**
[13] C

[51] **Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) C07C 57/02 (2006.01) C07K 16/40 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **NEW ELONGASE GENE AND PRODUCTION OF DELTA. 9-POLYUNSATURATED FATTY ACIDS**

[54] **NOUVEAU GENE D'ELONGASE ET PREPARATION DE DELTA. 9-ACIDES GRAS POLYINSATURES**

[72] NAPIER, JOHNATHAN A., GB

[72] LAZARUS, COLIN M., GB

[72] QI, BAOXIU, GB

[72] LERCHL, JENS, SE

[73] UNIVERSITY OF BRISTOL, GB

[85] 2003-09-17

[86] 2002-03-26 (PCT/EP2002/003418)

[87] (WO2002/077213)

[30] GB (0107510.0) 2001-03-26

[11] **2,445,126**
[13] C

[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **EXPANDABLE SYSTEMS THAT FACILITATE DESIRED FLUID FLOW**

[54] **SYSTEMES EXPANSIBLES AMELIORANT LE DEBIT VOULU**

[72] JOHNSON, CRAIG D., GB

[72] HACKWORTH, MATTHEW R., US

[72] RASA, KIAN, US

[72] DEL CAMPO, CHRISTOPHER S., US

[72] SHAMPINE, ROD W., US

[72] VERCAEMER, CLAUDE J., FR

[72] SCHOONDERBEEK, GERHARD, GB

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2445126)

[87] (2445126)

[22] 2003-10-14

[30] US (60/400,162) 2002-10-15

[30] US (10/632,174) 2003-07-13

[11] **2,446,707**
[13] C

[51] **Int.Cl. H04L 12/18 (2006.01) H04L 29/02 (2006.01) H04M 3/56 (2006.01) H04N 7/15 (2006.01)**

[25] EN

[54] **CONTROL UNIT FOR MULTIPOINT MULTIMEDIA/AUDIO SYSTEM**

[54] **UNITE DE COMMANDE POUR SYSTEME AUDIO/MULTIMEDIA MULTIPOINT**

[72] POTEKHIN, SERGEY, IL

[72] KNAZ, ERAN, IL

[72] ELBAZ, MOSHE, IL

[72] LEVIAY, EYAL, IL

[73] POLYCOM ISRAEL LTD., IL

[85] 2003-11-07

[86] 2002-05-09 (PCT/IL2002/000361)

[87] (WO2002/091641)

[30] US (60/290,138) 2001-05-10

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30 juillet 2013**

[11] **2,451,147**
[13] C

[51] **Int.Cl. C22C 38/38 (2006.01) C21D 8/00 (2006.01) C21D 9/04 (2006.01) C22C 38/02 (2006.01) C22C 38/18 (2006.01)**

[25] EN

[54] **PEARLITIC STEEL RAIL EXCELLENT IN WEAR RESISTANCE AND DUCTILITY AND METHOD FOR PRODUCING THE SAME**

[54] **RAIL EN ACIER PERLITIQUE POSSEDANT D'EXCELLENTE PROPRIETES DE RESISTANCE A L'USURE ET DE DUCTILITE ET METHODE DE PRODUCTION CONNEXE**

[72] UEDA, MASAHARU, JP

[72] MATSUSHITA, KOICHIRO, JP

[72] FUJITA, KAZUO, JP

[72] IWANO, KATSUYA, JP

[72] UCHINO, KOICHI, JP

[72] MOROHOSHI, TAKASHI, JP

[72] KOBAYASHI, AKIRA, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2003-12-17

[86] 2003-04-04 (PCT/JP2003/004364)

[87] (WO2003/085149)

[30] JP (2002-104457) 2002-04-05

[30] JP (2002-201205) 2002-07-10

[30] JP (2002-201206) 2002-07-10

[30] JP (2002-328260) 2002-11-12

[30] JP (2002-328261) 2002-11-12

[30] JP (2003-11701) 2003-01-20

[30] JP (2003-15647) 2003-01-24

[11] **2,451,874**
[13] C

[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01) A61P 9/00 (2006.01) A61K 38/00 (2006.01)**

[25] FR

[54] **ANTISENSE OLIGONUCLEOTIDES WHICH CAN INHIBIT THE FORMATION OF CAPILLARY TUBES BY ENDOTHELIAL CELLS**

[54] **OLIGONUCLEOTIDES ANTISENS CAPABLES D'INHIBER LA FORMATION DES TUBES CAPILLAIRES PAR DES CELLULES ENDOTHELIALES**

[72] AL-MAHMOOD, SALMAN, IQ

[73] GENE SIGNAL INTERNATIONAL SA, CH

[85] 2003-12-12

[86] 2002-06-14 (PCT/FR2002/002067)

[87] (WO2002/103014)

[30] FR (0107805) 2001-06-14

[11] **2,452,919**
[13] C

[51] **Int.Cl. E05F 15/16 (2006.01) G07C 9/00 (2006.01)**

[25] EN

[54] **IMPROVED METHOD, SYSTEM AND APPARATUS FOR OPENING DOORS**

[54] **METHODE, SYSTEME ET APPAREIL AMELIORES D'OUVERTURE DE PORTES**

[72] POWDER, JOEL, US

[72] PIECHOWIAK, JOHN, US

[72] ST. PIERRE, JAMES H., US

[72] WOLFE, PETER, US

[72] DOBIS, ERICK, US

[73] THE CHAMBERLAIN GROUP, INC., US

[86] (2452919)

[87] (2452919)

[22] 2003-12-12

[11] **2,454,492**
[13] C

[51] **Int.Cl. G06F 3/12 (2006.01) H04L 12/24 (2006.01)**

[25] EN

[54] **CLIENT SIDE RENDERING OF PRINTABLE DOCUMENTS IN A NETWORK**

[54] **RENDU COTE CLIENT DE DOCUMENTS IMPRIMABLES DANS UN RESEAU**

[72] LAWRENCE, MARK A., US

[72] KIRALY, STEVEN, US

[73] MICROSOFT CORPORATION, US

[86] (2454492)

[87] (2454492)

[22] 2003-12-30

[30] US (10/337,115) 2003-01-03

[11] **2,460,575**
[13] C

[51] **Int.Cl. C12N 9/24 (2006.01) C12N 5/078 (2010.01) A61K 35/14 (2006.01) C12N 1/20 (2006.01) C12N 9/40 (2006.01) C12Q 1/34 (2006.01)**

[25] EN

[54] **ENZYMATIC CONVERSION OF BLOOD GROUP A, B, AND AB RED BLOOD CELLS USING .ALPHA.-N-ACETYL GALACTOSAMINIDASES AND .ALPHA.-GALACTOSIDASES WITH UNIQUE SUBSTRATE SPECIFICITIES AND KINETIC PROPERTIES**

[54] **CONVERSION ENZYMATIQUE DES GLOBULES ROUGES DES GROUPE SANGUINS A, B ET AB A L'AIDE DES .ALPHA.-N-ACETYL GALACTOSAMINIDASES ET DES .ALPHA.-GALACTOSIDASES AYANT DES SPECIFICITES DE SUBSTRATS ET DES PROPRIETES CINETIQUES UNIQUES**

[72] CLAUSEN, HENRIK, DK

[72] DE LA VEGA, HUMBERTO, US

[72] HILL, CHERYL, US

[72] LIU, QIYONG PETER, US

[73] VELICO MEDICAL, INC., US

[85] 2004-03-12

[86] 2002-09-25 (PCT/US2002/030403)

[87] (WO2003/027245)

[30] US (60/324,970) 2001-09-25

[30] US (60/361,769) 2002-03-05

[30] US (10/251,271) 2002-09-20

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[11] **2,461,258**
[13] C

[51] **Int.Cl. A61L 27/14 (2006.01) A61F 2/08 (2006.01) A61L 27/56 (2006.01) A61L 27/58 (2006.01) C08J 5/00 (2006.01)**

[25] EN

[54] **METHOD OF PREPARATION OF BIOABSORBABLE POROUS REINFORCED TISSUE IMPLANTS AND IMPLANTS THEREOF**

[54] **METHODE DE PREPARATION D'IMPLANTS TISSULAIRES RENFORCES, POREUX ET IMPLANTS CONNEXES**

[72] CHUN, IKSOO, US
[72] JAMIOLKOWSKI, DENNIS D., US
[72] BROWN, KELLY R., US
[72] HWANG, JULIA, US
[72] BINETTE, FRANCOIS, US
[72] MELICAN, MORA, CAROLYNNE, US

[73] ETHICON, INC., US
[86] (2461258)
[87] (2461258)
[22] 2004-03-18

[11] **2,462,192**
[13] C

[51] **Int.Cl. G11B 20/10 (2006.01) G11B 20/12 (2006.01) G11B 27/10 (2006.01) G11B 27/32 (2006.01) H04N 9/804 (2006.01) H04N 5/85 (2006.01) H04N 9/82 (2006.01)**

[25] EN

[54] **RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF STILL IMAGES FROM A CLIP FILE RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES**

[54] **SUPPORT D'ENREGISTREMENT DOTE D'UNE STRUCTURE DE DONNEES POUR GERER LA REPRODUCTION D'IMAGES IMMOBILES ISSUES D'UN FICHER DE CLIP ENREGISTRE DESSUS ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION**

[72] KIM, BYUNG JIN, KR
[72] PARK, SUNG WAN, KR
[72] SEO, KANG SOO, KR
[72] UM, SOUNG HYUN, KR
[73] LG ELECTRONICS INC., KR
[85] 2004-03-30
[86] 2003-09-05 (PCT/KR2003/001828)
[87] (WO2004/023479)
[30] KR (10-2002-0054044) 2002-09-07

[11] **2,462,886**
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 31/22 (2006.01) A61K 31/4184 (2006.01) A61K 31/496 (2006.01) A61K 31/522 (2006.01) A61K 31/554 (2006.01) A61K 47/02 (2006.01) A61K 47/04 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 9/12 (2006.01) A61P 25/18 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01)**

[25] EN

[54] **FLASHMELT ORAL DOSAGE FORMULATION**

[54] **FORMES POSOLOGIQUES ORALES OBTENUES PAR FUSION-ECLAIR**

[72] KOTHARI, SANJEEV, US
[72] DESAI, DIVYAKANT, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2004-04-06
[86] 2001-10-09 (PCT/US2001/031530)
[87] (WO2003/030868)

[11] **2,463,158**
[13] C

[51] **Int.Cl. A61K 31/454 (2006.01) A61K 9/16 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **DEPOT FORMULATIONS OF ILOPERIDONE AND A STAR POLYMER**

[54] **PREPARATIONS DE DEPOT D'ILOPERIDONE ET DE POLYMER EN ETOILE**

[72] AHLHEIM, MARKUS, DE
[72] LOEFFLER, ROLF, DE
[73] NOVARTIS AG, CH
[85] 2004-04-07
[86] 2002-10-29 (PCT/EP2002/012073)
[87] (WO2003/037337)
[30] US (60/339,036) 2001-10-30

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[11] **2,466,218**
[13] C

[51] **Int.Cl. E06C 5/44 (2006.01) B60R 9/00 (2006.01) E06C 5/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR HOLDING/LOCKING A LADDER OR OTHER OBJECT TO A STRUCTURE**

[54] **DISPOSITIF ET METHODE DE RETENUE/VERROUILLAGE D'UNE ECHELLE OU D'UN AUTRE OBJET A UNE STRUCTURE**

[72] HICKEY, DAVID R., US

[73] CROSS TREAD INDUSTRIES, INC., US

[86] (2466218)

[87] (2466218)

[22] 2004-05-04

[30] US (10/833,799) 2004-04-28

[11] **2,466,225**
[13] C

[51] **Int.Cl. G08B 23/00 (2006.01) G08B 17/10 (2006.01) G08B 19/00 (2006.01) G08B 21/18 (2006.01)**

[25] EN

[54] **AMBIENT CONDITION DETECTOR WITH MULTIPLE SENSORS AND SINGLE CONTROL UNIT**

[54] **DETECTEUR DE CONDITIONS AMBIANTES A PLUSIEURS CAPTEURS ET A UNITE DE COMMANDE UNIQUE**

[72] COSTA, HILARIO, US

[72] RIGHT, ROBERT, US

[72] BURNS, JEFFREY, US

[73] UTC FIRE & SECURITY CANADA, CA

[86] (2466225)

[87] (2466225)

[22] 2004-05-04

[30] US (10/430,392) 2003-05-07

[11] **2,469,165**
[13] C

[51] **Int.Cl. B64D 43/00 (2006.01) B64C 13/02 (2006.01) B64C 27/56 (2006.01) G06F 3/041 (2006.01) G06F 17/50 (2006.01)**

[25] EN

[54] **DISPLAY SYSTEM**

[54] **SYSTEME D'AFFICHAGE**

[72] STICKELS, KEITH DAVID, GB

[73] WESTLAND HELICOPTERS LIMITED, GB

[86] (2469165)

[87] (2469165)

[22] 2004-05-28

[30] GB (0314760.0) 2003-06-25

[11] **2,470,456**
[13] C

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING EVENT HYSTERESIS IN NETWORK MANAGEMENT SYSTEMS**

[54] **SYSTEME ET METHODE DE PRODUCTION D'HYSTERESIS D'EVENEMENT DANS LES SYSTEMES DE GESTION DE RESEAU**

[72] LISS, JONATHAN M., US

[72] DEVERIN, JEFFREY A., US

[72] ESCHEBACH, WILKO, US

[72] ALVES, RICARDO E., US

[72] BODNER, RENATA F., US

[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US

[86] (2470456)

[87] (2470456)

[22] 2004-06-09

[30] US (60/484,505) 2003-07-02

[11] **2,476,274**
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) C07K 14/61 (2006.01) G01N 33/68 (2006.01) G06F 17/50 (2006.01)**

[25] EN

[54] **COMMON PROTEIN SURFACE SHAPES AND USES THEREFOR**

[54] **FORMES DE SURFACE DE PROTEINES COMMUNES ET LEURS UTILISATIONS**

[72] SMYTHE, MARK LESLIE, AU

[72] TRAN, TRAN TRUNG, AU

[72] BRYANT, DARRYN, AU

[72] LONG, STEPHEN, AU

[72] ADAMS, PETER, AU

[73] THE UNIVERSITY OF QUEENSLAND, AU

[85] 2004-08-06

[86] 2003-02-10 (PCT/AU2003/000137)

[87] (WO2003/066678)

[30] AU (PS 0397) 2002-02-08

[11] **2,479,764**
[13] C

[51] **Int.Cl. C07K 5/027 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01) C07K 5/033 (2006.01) C07K 5/078 (2006.01) C07K 5/097 (2006.01)**

[25] EN

[54] **HEMIASTERLIN DERIVATIVES AND USES THEREOF**

[54] **DERIVES DE L'HEMIASTERLINE ET LEURS UTILISATIONS**

[72] KOWALCZYK, JAMES J., US

[72] KUZNETSOV, GALINA, US

[72] SCHILLER, SHAWN, US

[72] SELETSKY, BORIS M., US

[72] SPYVEE, MARK, US

[72] YANG, HU, US

[73] EISAI R&D MANAGEMENT CO., LTD., JP

[85] 2004-09-17

[86] 2003-03-21 (PCT/US2003/008888)

[87] (WO2003/082268)

[30] US (60/366,592) 2002-03-22

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[11] **2,480,079**
[13] C

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 38/17 (2006.01) A61K 39/00 (2006.01) A61K 48/00 (2006.01) A61P 43/00 (2006.01) C07K 14/475 (2006.01) C07K 14/515 (2006.01) C07K 14/52 (2006.01) C07K 14/71 (2006.01) C12N 15/12 (2006.01)**

[25] EN
[54] **ANTIANGIOGENIC ACTIVE IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE ANTIANGIOGENIQUE ACTIVE**
[72] BEQUET ROMERO, MONICA, CU
[72] ACEVEDO CASTRO, BORIS ERNESTO, CU
[72] GAVILONDO COWLEY, JORGE VICTOR, CU
[72] FERNANDEZ MOLINA, LUIS ENRIQUE, CU
[72] LOPEZ OCEJO, OMAR, CU
[72] SILVA RODRIGUEZ, RICARDO DE LA CARIDAD, CU
[72] MUSACHIO LASA, ALEXIS, CU
[72] GALBAN RODRIGUEZ, ERNESTO, CU
[72] VAZQUEZ BLOMQUIST, DANIA MARCIA, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2004-09-21
[86] 2003-04-11 (PCT/CU2003/000004)
[87] (WO2003/086450)
[30] CU (CU2002/0076) 2002-04-15

[11] **2,480,284**
[13] C

[51] **Int.Cl. A61K 36/899 (2006.01) A61P 31/04 (2006.01)**

[25] EN
[54] **BIOACTIVE HEXANE FRACTION FROM VETIVERIA ZIZANIOIDES**
[54] **FRACTION D'HEXANE BIOACTIVE DE VETIVERIA ZIZANIOIDES**
[72] KHANUJA, SUMAN PREET SINGH, IN
[72] SRIVASTAVA, SUCHI, IN
[72] KUMAR, TIRUPPADIRIPULIYUR RANGANATHAN SANTHA, IN
[72] GUPTA, MADAN MOHAN, IN
[72] TRIPATHY, ARVIND KUMAR, IN
[72] SINGH, MONIKA, IN
[72] BAHL, JANAK RAJ, IN
[72] LAL, RAJ KISHORI, IN
[72] DAROKAR, MAHENDRA PANDURANG, IN
[72] SHASANY, AJIT KUMAR, IN
[72] KUMAR, SUSHIL, IN
[73] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2004-09-22
[86] 2002-03-26 (PCT/IB2002/001157)
[87] (WO2003/080089)

[11] **2,481,944**
[13] C

[51] **Int.Cl. A01B 35/16 (2006.01) A01B 59/04 (2006.01) B23Q 3/157 (2006.01)**

[25] EN
[54] **GROUND ENGAGING AGRICULTURAL TINE AND ASSOCIATED MOUNTING AND INDEXING SYSTEM**
[54] **DENT DE BINAGE AGRICOLE ET SYSTEME CONNEXE DE MONTAGE ET DE POSITIONNEMENT**
[72] MCKINLEY, BRIAN J., US
[72] BAILEY, GARY, US
[73] GENESIS TILLAGE, INC., US
[86] (2481944)
[87] (2481944)
[22] 2004-09-16
[30] US (60/503,372) 2003-09-16

[11] **2,482,169**
[13] C

[51] **Int.Cl. C10M 129/68 (2006.01) C10M 101/00 (2006.01) C10M 129/74 (2006.01) C10M 159/12 (2006.01) C10M 169/04 (2006.01)**

[25] EN
[54] **ENGINE OIL COMPOSITIONS COMPRISING TRANSESTERIFICATION PRODUCT**
[54] **COMPOSITIONS D'HUILE POUR MOTEUR COMPRENANT UN PRODUIT DE TRANSESTERIFICATION**
[72] ROBY, STEPHEN H., US
[72] RUELAS, SUZANNE G., US
[73] CHEVRON ORONITE COMPANY LLC, US
[86] (2482169)
[87] (2482169)
[22] 2004-09-20
[30] US (10/674,643) 2003-09-30

[11] **2,482,872**
[13] C

[51] **Int.Cl. G06F 12/10 (2006.01) G06F 12/14 (2006.01)**

[25] EN
[54] **SHADOW PAGE TABLES FOR ADDRESS TRANSLATION CONTROL**
[54] **DUPLICATION DE PAGES POUR LE CONTROLE DE LA TRADUCTION D'ADRESSES**
[72] COHEN, ERNEST S., US
[73] MICROSOFT CORPORATION, US
[86] (2482872)
[87] (2482872)
[22] 2004-09-29
[30] US (10/697,197) 2003-10-30

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[11] **2,483,917**
[13] C

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/355 (2006.01) A61K 31/685 (2006.01) A61K 31/715 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **FORMULATIONS LIMITING SPREAD OF PULMONARY INFECTIONS**

[54] **FORMULATIONS LIMITANT L'EXTENSION D'INFECTIONS PULMONAIRES**

[72] EDWARDS, DAVID A., US

[72] STONE, HOWARD A., US

[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2004-11-01

[86] 2003-05-01 (PCT/US2003/013707)

[87] (WO2003/092654)

[30] US (60/377,327) 2002-05-02

[11] **2,486,950**
[13] C

[51] **Int.Cl. C12Q 1/00 (2006.01) C12Q 1/26 (2006.01) C12Q 1/32 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING POLYMER LAYERS**

[54] **PROCEDE DE FABRICATION DE COUCHES POLYMERES**

[72] HORN, CARINA, DE

[72] HOENES, JOACHIM, DE

[72] KNAPPE, WOLFGANG-REINHOLD, DE

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

[85] 2004-11-12

[86] 2003-05-16 (PCT/EP2003/005179)

[87] (WO2003/097859)

[30] DE (102 21 840.4) 2002-05-16

[30] DE (102 21 845.5) 2002-05-16

[30] DE (102 21 846.3) 2002-05-16

[11] **2,487,393**
[13] C

[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/02 (2006.01) A61B 5/113 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR EXTRACTING CARDIAC PARAMETERS FROM PLETHYSMOGRAPHIC SIGNALS**

[54] **PROCEDE ET SYSTEME D'EXTRACTION DE PARAMETRES CARDIAQUES DE SIGNAUX DE PLETHYSMOGRAPHIE**

[72] SACKNER, MARVIN A., US

[72] INMAN, DANA MICHAEL, US

[73] ADIDAS AG, DE

[85] 2004-11-25

[86] 2003-03-24 (PCT/US2003/009138)

[87] (WO2003/082099)

[30] US (10/107,078) 2002-03-26

[11] **2,485,859**
[13] C

[51] **Int.Cl. C01G 49/00 (2006.01) C01G 9/00 (2006.01) C03C 17/44 (2006.01) C04B 41/87 (2006.01) C08J 3/20 (2006.01) C09C 1/04 (2006.01) C09C 1/22 (2006.01) C09C 1/24 (2006.01) C09C 3/06 (2006.01) C09D 5/38 (2006.01) C09D 17/00 (2006.01) C09D 7/00 (2006.01)**

[25] EN

[54] **HEAT-STABLE ZINC FERRITE COLOUR PIGMENTS, PROCESS FOR PREPARING THEM AND THEIR USE**

[54] **PIGMENTS DE COULEUR DE FERRITE DE ZINC THERMOSTABLES, PROCEDE DE PREPARATION DESDITS PIGMENTS ET LEUR UTILISATION**

[72] ROSENHAHN, CARSTEN, DE

[72] BRUNN, HORST, DE

[72] OEHLERT, WOLFGANG, DE

[73] LANXESS DEUTSCHLAND GMBH, DE

[86] (2485859)

[87] (2485859)

[22] 2004-10-21

[30] DE (10349810.9) 2003-10-24

[11] **2,487,047**
[13] C

[51] **Int.Cl. B61F 5/30 (2006.01) B61F 5/08 (2006.01) B61F 5/32 (2006.01) B61F 5/52 (2006.01)**

[25] FR

[54] **FLEXIBLE LINKING DEVICE BETWEEN A FLEXIBLE SIDE FRAME AND AN AXLE BOX**

[54] **DISPOSITIF DE LIAISON SOUPLE ENTRE UN LONGERON FLEXIBLE ET UNE BOITE D'ESSIEU**

[72] LANDROT, ALAIN, FR

[73] ALSTOM, FR

[86] (2487047)

[87] (2487047)

[22] 2004-11-29

[30] FR (0350958) 2003-12-02

[11] **2,489,551**
[13] C

[51] **Int.Cl. H01B 7/18 (2006.01)**

[25] EN

[54] **IMPACT RESISTANT COMPACT CABLE**

[54] **CABLE COMPACT RESISTANT AUX CHOCS**

[72] BELLI, SERGIO, IT

[72] DONAZZI, FABRIZIO, IT

[72] BAREGGI, ALBERTO, IT

[72] BISLERI, CESARE, IT

[72] MARIN, CARLO, IT

[73] PRYSMIAN CAVI E SISTEMI ENERGIA S.R.L., IT

[85] 2004-12-14

[86] 2003-06-05 (PCT/EP2003/005913)

[87] (WO2004/003940)

[30] EP (PCT/EP02/07167) 2002-06-28

[30] EP (02019536.8) 2002-09-02

[11] **2,496,418**
[13] C

[51] **Int.Cl. B67D 7/34 (2010.01)**

[25] EN

[54] **DISPENSER WITH THUMBPRINT READER**

[54] **DISTRIBUTEUR A LECTEUR D'EMPREINTE DU POUCE**

[72] OPHARDT, HEINER, CA

[73] HYGIENE-TECHNIK INC., CA

[86] (2496418)

[87] (2496418)

[22] 2005-02-09

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[11] **2,498,540**
[13] C

[51] **Int.Cl. G06F 3/14 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR BUILDING WIRELESS APPLICATIONS WITH INTELLIGENT MAPPING BETWEEN USER INTERFACE AND DATA COMPONENTS**

[54] **SYSTEME ET METHODE PERMETTANT DE CONSTITUER DES APPLICATIONS SANS FIL SELON UN MAPPAGE INTELLIGENT ENTRE COMPOSANTES D'INTERFACE UTILISATEUR ET DE DONNEES**

[72] BIBR, VIERA, CA
[72] SHENFIELD, MICHAEL, CA
[72] VITANOV, KAMEN B., CA
[72] GORING, BRYAN R., CA
[73] MOTOROLA MOBILITY, INC., US
[86] (2498540)
[87] (2498540)
[22] 2005-02-25
[30] EP (04251160.0) 2004-02-27

[11] **2,499,208**
[13] C

[51] **Int.Cl. B81B 7/02 (2006.01) B81C 99/00 (2010.01) H01L 21/00 (2006.01) H01L 21/302 (2006.01) H01L 21/461 (2006.01) H01L 29/82 (2006.01)**

[25] EN

[54] **CONTROLLING ELECTROMECHANICAL BEHAVIOR OF STRUCTURES WITHIN A MICROELECTROMECHANICAL SYSTEMS DEVICE**

[54] **REGULATION DU COMPORTEMENT ELECTROMECHANIQUE DE STRUCTURES A L'INTERIEUR D'UN DISPOSITIF A SYSTEMES MICROELECTROMECHANIQUES**

[72] MILES, MARK W., US
[72] BATEY, JOHN, US
[72] CHUI, CLARENCE, US
[72] KOTHARI, MANISH, US
[73] QUALCOMM MEMS TECHNOLOGIES, INC., US
[85] 2005-03-16
[86] 2003-09-18 (PCT/US2003/030016)
[87] (WO2004/026757)
[30] US (10/251,196) 2002-09-20

[11] **2,499,671**
[13] C

[51] **Int.Cl. A61G 13/06 (2006.01) A61G 13/00 (2006.01)**

[25] EN

[54] **MEDICAL EXAMINATION TABLE**

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

[72] SMITH, ARTHUR D., US
[72] MILBOURN, BART L., US
[72] SCHLATER, JOSEPH P., US
[72] HANUS, LEO R., US
[72] TURNER, RICHARD L, US
[72] TEUFEL, RAINER B., US
[72] DEBORD, JEFF T., US
[73] MIDMARK CORPORATION, US
[85] 2005-03-21
[86] 2003-08-04 (PCT/US2003/024275)
[87] (WO2004/032815)
[30] US (10/269,347) 2002-10-11

[11] **2,499,816**
[13] C

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) C07K 16/46 (2006.01)**

[25] EN

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

[54] **VARIANTS FC OPTIMISES ET METHODES DESTINEES A LEUR GENERATION**

[72] LAZAR, GREGORY ALAN, US
[72] CHIRINO, ARTHUR J., US
[72] DANG, WEI, US
[72] DESJARLAIS, JOHN RUDOLPH, US
[72] DOBERSTEIN, STEPHEN KOHL, US
[72] HAYES, ROBERT J., US
[72] KARKI, SHER BAHADUR, US
[72] VAFA, OMID, US
[73] XENCOR, INC., US
[85] 2005-03-24
[86] 2003-09-26 (PCT/US2003/030249)
[87] (WO2004/029207)
[30] US (60/414,433) 2002-09-27
[30] US (60/442,301) 2003-01-23
[30] US (60/467,606) 2003-05-02
[30] US (60/477,839) 2003-06-12

[11] ***2,500,686**
[13] C

[51] **Int.Cl. B44D 7/00 (2006.01)**

[25] FR

[54] **SEALING OF AN ARTISTIC PAINTING UNDER GLASS**

[54] **SCELLAGE D'UNE PEINTURE SOUS VERRE**

[72] REGOUT, ISABELLE, CA
[73] REGOUT, ISABELLE, CA
[86] (2500686)
[87] (2500686)
[22] 2005-03-18

[11] **2,501,632**
[13] C

[51] **Int.Cl. H04W 4/06 (2009.01) H04N 21/414 (2011.01) H04H 20/72 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR COMMENCING SHARED OR INDIVIDUAL TRANSMISSION OF BROADCAST CONTENT IN A WIRELESS TELEPHONE NETWORK**

[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DEMARRER UNE TRANSMISSION INDIVIDUELLE OU PARTAGEE D'UN CONTENU D'EMISSION DANS UN RESEAU TELEPHONIQUE SANS FIL**

[72] SINNARAJAH, RAGULAN, US
[72] WANG, JUN, US
[72] CHEN, TAO, US
[72] HSU, RAYMOND T., US
[73] QUALCOMM INCORPORATED, US
[85] 2005-04-05
[86] 2003-10-21 (PCT/US2003/033682)
[87] (WO2004/039002)
[30] US (10/278,516) 2002-10-22

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[11] **2,501,732**
[13] C

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/053 (2006.01) A61B 5/103 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR AUTO JOURNALING OF CONTINUOUS OR DISCRETE BODY STATES UTILIZING PHYSIOLOGICAL AND/OR CONTEXTUAL PARAMETERS**

[54] **PROCEDE ET APPAREIL D'AUTO-JOURNALISATION D'ETATS CONTINUS OU DISCRETS DU CORPS FAISANT APPEL A DES PARAMETRES PHYSIOLOGIQUES ET/OU CONTEXTUELS**

[72] TELLER, ERIC, US
[72] FARRINGDON, JONATHAN, US
[72] ANDRE, DAVID, US
[72] PACIONE, CHRISTOPHER, US
[72] STIVORIC, JOHN, US
[72] SAFIER, SCOTT, US
[72] PELLETIER, RAYMOND, US
[72] VISHNUBHATLA, SURESH, US
[73] BODYMEDIA, INC., US
[85] 2005-04-08
[86] 2003-10-09 (PCT/US2003/031895)
[87] (WO2004/032715)
[30] US (60/417,163) 2002-10-09

[11] **2,502,668**
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) C07K 14/57 (2006.01) C07K 16/24 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **FULLY HUMAN ANTIBODY FAB FRAGMENTS WITH HUMAN INTERFERON-GAMMA NEUTRALIZING ACTIVITY**

[54] **FRAGMENTS FAB D'ANTICORPS ENTIEREMENT HUMAINS AYANT UNE ACTIVITE DE NEUTRALISATION DE L'INTERFERON-GAMMA HUMAIN**

[72] DESHPANDE, RAJENDRA, V., US
[72] TSAI, MEI-MEI, US
[73] AMGEN INC., US
[85] 2005-04-13
[86] 2002-10-17 (PCT/US2002/033556)
[87] (WO2004/046306)

[11] **2,503,630**
[13] C

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 47/26 (2006.01) A61K 47/42 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **IMPROVED FORMULATIONS CONTAINING SUBSTITUTED IMIDAZOLE DERIVATIVES**

[54] **FORMULATIONS AMELIOREES CONTENANT DES DERIVES D'IMIDAZOLE SUBSTITUE**

[72] BANBURY, SUSAN, GB
[72] JUJARVI, PAIVI, FI
[72] GROTH, LEON P., GB
[72] LUNSMANN, WALTER, US
[72] MURRAY, OWEN, US
[72] SAVOLA, JUHA-MATTI, FI
[73] R.P. SCHERER TECHNOLOGIES, LLC, US
[85] 2005-04-25
[86] 2003-11-03 (PCT/US2003/034934)
[87] (WO2004/043439)
[30] GB (0226076.8) 2002-11-08

[11] **2,504,677**
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 1/00 (2006.01) H04L 9/14 (2006.01)**

[25] EN

[54] **RENDERING DIGITAL CONTENT IN A CONTENT PROTECTION SYSTEM ACCORDING TO A PLURALITY OF CHAINED DIGITAL LICENSES**

[54] **RENDU DE CONTENU NUMERIQUE DANS UN SYSTEME DE PROTECTION DE CONTENU CONFORMEMENT A UNE PLURALITE DE CHAINES DE LICENCES NUMERIQUES**

[72] EVANS, BRIAN P., US
[72] STROM, CLIFFORD P., US
[72] PARKS, MICHAEL JAY, US
[73] MICROSOFT CORPORATION, US
[86] (2504677)
[87] (2504677)
[22] 2005-04-21
[30] US (10/831,281) 2004-04-22

[11] **2,504,724**
[13] C

[51] **Int.Cl. B65B 31/02 (2006.01) B65B 25/00 (2006.01)**

[25] EN

[54] **METHOD FOR VACUUM PACKAGING PRE-COOKED LOBSTERS**

[54] **METHODE DE CONDITIONNEMENT SOUS VIDE DE HOMARDS PRECUITS**

[72] RIJNBEEK, HEIN, CA
[72] MURPHY, FRED, CA
[73] RIJNBEEK, HEIN, CA
[73] MURPHY, FRED, CA
[86] (2504724)
[87] (2504724)
[22] 2005-04-12
[30] US (60/566,402) 2004-04-30

[11] **2,505,151**
[13] C

[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/24 (2011.01) G06F 19/28 (2011.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) G06Q 20/00 (2012.01) G06Q 50/00 (2012.01) H04W 4/00 (2009.01) H04L 12/16 (2006.01)**

[25] EN

[54] **STATUS DETERMINATION EVALUATION D'ETAT**

[72] BRANDON, RICHARD BRUCE, AU
[72] THOMAS, MERVYN REES, AU
[73] ATHLOMICS PTY LTD, AU
[85] 2005-05-05
[86] 2003-11-14 (PCT/AU2003/001517)
[87] (WO2004/044236)
[30] AU (2002952696) 2002-11-14

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[11] **2,505,226**
[13] C

[51] **Int.Cl. E05F 15/00 (2006.01) G08B 3/00 (2006.01)**

[25] EN

[54] **MOVABLE BARRIER CONTROL SYSTEM COMPONENT WITH AUDIBLE SPEECH OUTPUT APPARATUS AND METHOD**

[54] **COMPOSANT D'UN SYSTEME DE COMMANDE DE BARRIERE AMOVIBLE MUNI D'UNE SORTIE VOCALE ET METHODE**

[72] ROBB, ERIC J., US
[72] GREGORI, ERIC, US
[72] DANIEL-WAYMAN, ROBERT, US
[72] FITZGIBBON, JAMES J., US
[73] THE CHAMBERLAIN GROUP, INC., US

[86] (2505226)
[87] (2505226)
[22] 2005-04-26
[30] US (10/843,237) 2004-05-11

[11] **2,509,241**
[13] C

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/17 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **USE OF SERUM AMYLOID P (SAP) AND RELATED COMPOSITIONS FOR THE SUPPRESSION OF FIBROSIS-RELATED DISEASES**

[54] **UTILISATION D'UN COMPOSE AMYLOIDE P SERIQUE ET DE COMPOSITIONS CONNEXES DANS LA SUPPRESSION DE MALADIES FIBREUSES**

[72] GOMER, RICHARD, US
[72] PILLING, DARRELL, US
[73] WILLIAM MARSH RICE UNIVERSITY, US

[85] 2005-06-08
[86] 2003-12-22 (PCT/US2003/040957)
[87] (WO2004/058292)
[30] US (60/436,046) 2002-12-23
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[54] **UTILISATION D'UN COMPOSANT STABILISANT POUR ADDITIFS DE COMBUSTIBLES CONTENANT AU MOINS UN COMPOSE METALLIQUE COLLOIDAL OU DES ESPECES METALLIQUES**

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[72] FAVA, CARLO S., GB
[72] THOMPSON, RUSSELL MARTIN, GB

[72] WILLIS, MARTIN JAMES, GB
[72] BREAKSPEAR, ANGELA PRISCILLA, GB

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[54] **PROCESS FOR PRODUCING DIPEPTIDES**

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

[72] HASHIMOTO, SHIN-ICHI, JP
[72] TABATA, KAZUHIKO, JP
[72] HADA, AYA, JP
[72] IKEDA, HAJIME, JP
[73] KYOWA HAKKO BIO CO., LTD., JP

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[54] **ALBUMIN FUSION PROTEINS**

[54] **PROTEINES HYBRIDES D'ALBUMINE**

[72] HASELTINE, WILLIAM A., US
[72] ROSEN, CRAIG A., US
[72] RUBEN, STEVEN M., US

[73] HUMAN GENOME SCIENCES, INC., US

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[54] **COMPLEXES A FACTEURS DE CROISSANCE ET MODULATION DE LA MIGRATION ET DE LA CROISSANCE CELLULAIRES**

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[72] TOWNE, CHRISTOPHER LUKE, AU
[73] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU

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[54] **SYSTEMES D'INFORMATION PERMETTANT LA RFID ET UTILISANT UNE APPLICATION COMMERCIALE**
[72] KUMAR, ANUSH, US
[72] SRIRAM, BALASUBRAMANIAN, US
[73] MICROSOFT CORPORATION, US
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[54] **PROCEDE DE FABRICATION DE MICROSTRUCTURES A MICROELEMENTS MULTIPLES PRESENTANT DES TROUS**
[72] GARTSTEIN, VLADIMIR, US
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[73] CORIUM INTERNATIONAL, INC., US
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[54] **INHIBITORS OF EXTRACELLULAR HSP90**
[54] **INHIBITEURS DE PROTEINES DE CHOC THERMIQUE (HSP90) EXTRACELLULAIRES**
[72] JAY, DANIEL G., US
[72] EUSTACE, BRENDA K., US
[72] SAKURAI, TAKASHI, JP
[73] TUFTS UNIVERSITY, US
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[54] **APPAREIL DE DOSAGE GRAVIMETRIQUE CONTINU**
[72] WOLFSCHAFFNER, HUBERT, DE
[73] PFISTER GMBH, DE
[85] 2005-09-26
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[54] **SYSTEM AND METHOD FOR ROUTING TELEPHONE CALLS INVOLVING INTERNET PROTOCOL NETWORK**
[54] **SYSTEME ET PROCEDE D'ACHEMINEMENT D'APPELS TELEPHONIQUES IMPLIQUANT UN RESEAU A PROTOCOLE INTERNET**
[72] KNOX, MARK CLINTON, US
[73] INTRADO, INC., US
[85] 2005-09-28
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[54] **PRODUCTION D'UNE IGM RECOMBINANTE DANS DES CELLULES PER.C6**
[72] JONES, DAVID HALFORD ASHTON, GB
[73] CRUCCELL HOLLAND B.V., NL
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[54] **FEUILLE ACRYLIQUE POUVANT ETRE DECOUPEE A L'EMPORTE-PIECE**
[72] COHEN, LESLIE A., US
[72] MILLER, RANDALL G., US
[72] REILLY, JACK J., US
[72] GRIMES, ELIZABETH E., US
[72] GARCIA-LEINER, MANUEL A., US
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[54] **PROCEDE ET SYSTEME DESTINES A DES RESEAUX DE COMMUNICATION SANS FIL UTILISANT DES RELAIS**
[72] LARSSON, PETER, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **CLIVAGE DE PROTEINES DE FUSION AU MOYEN DE LA PROTEASE GRANZYME B**
[72] LORENTSEN, RIKKE HOEGH, DK
[72] LYENBO, CHARLOTTE HARKJAER, DK
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2005-10-20
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[25] EN
[54] **IMPROVED MODULAR TOWER STRUCTURE FOR EOLIC TURBINES AND OTHER APPLICATIONS**
[54] **STRUCTURE DE TOUR MODULAIRE AMELIOREE POUR TURBINES EOLIENNES ET AUTRES APPLICATIONS**
[72] FERNANDEZ GOMEZ, MIGUEL ANGEL, ES
[72] JIMENO CHUECA, JOSE EMILIO, ES
[73] INNEO21, S.L., ES
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[54] **ACTIVATEURS ET INHIBITEURS DE POLYPEPTIDES BCL2L12**
[72] STEGH, ALEX, US
[72] KIM, HYUNG GEE, KP
[72] DEPINHO, RONALD A., US
[72] CHIN, LYNDA, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
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[25] EN
[54] **CERAMIC MATERIAL HAVING AN EVEN DISTRIBUTION OF MICROPORES**
[54] **MATIERE CERAMIQUE AYANT UNE DISTRIBUTION UNIFORME DE MICROPORES**
[72] LO, WEI J., GB
[73] ORTHOGEM LIMITED, GB
[85] 2005-11-04
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[72] REENTS, JEFFREY M., US
[72] HAYES, JONATHAN A., US
[72] LAUBY, WILLIAM J., US
[73] MICROSOFT CORPORATION, US
[86] (2525361)
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[54] **APPAREIL DE MESURE D'UN ECOULEMENT DE FLUIDE VOLUMETRIQUE OU MASSIQUE**
[72] RONEN, AVIRAM, IL
[72] WEINSTEIN, YECHIEL, IL
[73] A.L. HADAS TECHNOLOGIES LTD., IL
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[54] **TRIPEPTIDES AND DERIVATIVES THEREOF FOR COSMETIC APPLICATION IN ORDER TO IMPROVE SKIN STRUCTURE**
[54] **TRIPEPTIDES ET LEURS DERIVES UTILISES EN COSMETIQUE POUR AMELIORER LA STRUCTURE DE LA PEAU**
[72] ZIEGLER, HUGO, CH
[72] HEIDL, MARC, DE
[72] IMFELD, DOMINIK, CH
[73] DSM IP ASSETS B.V., NL
[85] 2005-11-23
[86] 2004-05-07 (PCT/CH2004/000278)
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[54] **ANTI-VIRAL AND ANTI-BACTERIAL CLEANING COMPOSITION**
[54] **PREPARATION NETTOYANTE ANTI-VIRALE ET ANTI-BACTERIENNE**
[72] MALYSZEWICZ, CHRISTOPHER, GB
[73] MEDIGREEN OOD, BG
[85] 2005-11-14
[86] 2004-05-17 (PCT/GB2004/002148)
[87] (WO2004/101726)
[30] GB (0311174.7) 2003-05-15
[30] GB (PCT/GB03/03296) 2003-07-30

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[25] EN
[54] **SEVERE ACUTE RESPIRATORY SYNDROME DNA VACCINE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS VACCINALES D'ADN CONTRE LE SYNDROME RESPIRATOIRE AIGU SEVERE ET LEURS PROCEDES D'UTILISATION**
[72] VILALTA, ADRIAN, US
[72] EVANS, THOMAS G., US
[72] QUONG, MELANIE W., US
[72] MANTHORPE, MARSTON, US
[73] VICAL INCORPORATED, US
[85] 2005-11-16
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[30] US (60/482,505) 2003-06-26
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[54] **SYSTEM AND METHOD FOR ACTIVATING A COMMUNICATION DEVICE BASED ON USAGE INFORMATION**
[54] **SYSTEME ET METHODE D'ACTIVATION D'UN APPAREIL DE COMMUNICATIONS EN FONCTION D'INFORMATION SUR L'UTILISATION**
[72] VUONG, THANH VINH, CA
[72] FYKE, STEVEN, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2526781)
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[54] **TOOTHBRUSH WITH CLEANING ELEMENTS DEFINING A LOOP**

[54] **BROSSE A DENTS A ELEMENTS DE NETTOYAGE DISPOSES EN BOUCLE**

[72] HOHLBEIN, DOUGLAS J., US

[73] COLGATE-PALMOLIVE COMPANY, US

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[86] 2004-06-18 (PCT/US2004/019851)

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[25] FR

[54] **PROCESS FOR FEEDING GASEOUS OXYGEN TO A CATHODE OF A FUEL CELL AND FUEL CELL**

[54] **PROCEDE POUR ALIMENTER EN GAZ OXYGENE UNE CATHODE D'UNE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE**

[72] CLAVIER, BRUNO, FR

[73] DCN, FR

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[54] **EMBAYAGE MULTIPOSITION**

[72] HOULE, MARTIN, CA

[72] BLOUIN, PIERRE, CA

[72] BIBEAU, LOUIS-PHILIPPE, CA

[72] XU, JIANHONG, CA

[73] TM 4 INC., CA

[86] (2528557)

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[25] EN

[54] **ELECTRIC GENERATOR AND POWER SUPPLY EQUIPMENT FOR USE THEREIN**

[54] **GENERATEUR ET MATERIEL D'ALIMENTATION EN ENERGIE POUR UTILISATION CONNEXE**

[72] OKUBO, KAZUO, JP

[72] KATO, KAZUMICHI, JP

[72] TAKAKADO, YUZO, JP

[72] IMABAYASHI, HIROSUKE, JP

[72] MIKI, TOSHIO, JP

[72] MORITA, MASAMI, JP

[72] TAMURA, HIDEKI, JP

[72] NAKANO, KATSUYOSHI, JP

[72] SATO, YUSHI, JP

[72] MATSUNAGA, TOMOYUKI, JP

[72] KIMURA, TETSUYUKI, JP

[72] SAITO, NOBUHIRO, JP

[72] KOBAYAKAWA, TETSUNARI, JP

[72] YAMAGUCHI, KENJI, JP

[73] SHINKO ELECTRIC CO., LTD., JP

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[87] (WO2004/109101)

[30] JP (2003-164266) 2003-06-09

[30] JP (2003-196964) 2003-07-15

[30] JP (2003-364196) 2003-10-24

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[54] **CAP FOR INJECTION DEVICES**

[54] **CAPUCHON POUR DISPOSITIFS D'INJECTION**

[72] LARSEN, CARSTEN, DE

[72] POMMEREAU, CHRISTIAN, DE

[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

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[30] DE (103 27 119.8) 2003-06-13

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[25] EN

[54] **ON-MACHINE-SEAMABLE PAPERMAKING FABRIC**

[54] **TOILE SYNTHETIQUE POUR LA FABRICATION DE PAPIER APTE A LA COUTURE SUR MACHINE**

[72] RYDIN, BJORN, SE

[73] ALBANY INTERNATIONAL CORP., US

[85] 2005-12-21

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[87] (WO2005/005722)

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[54] **BENZIMIDAZOLE CARBOXAMIDES AS RAF KINASE INHIBITORS**

[54] **BENZIMIDAZOLE CARBOXAMIDES UTILISES EN TANT QU'INHIBITEURS DE LA KINASE RAF**

[72] BUCHSTALLER, HANS-PETER, DE

[72] WIESNER, MATTHIAS, DE

[72] ZENKE, FRANK, DE

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[72] GRELL, MATTHIAS, DE

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[72] PARK, JIN S., US
[72] WANG, HUISAN, US
[72] WIJERATNE, LALITH HIRAN, US
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[72] MUXLOW, FRED, CA
[72] CHANDLER, STEVE, CA
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[72] ROBERTS, SCOTT M., US
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[54] **APPAREIL DE DISTRIBUTION DE MEDICAMENTS ET BOITE DE COMPRIMES**
[72] KOBAYASHI, KOICHI, JP
[72] HARAGUCHI, MANABU, JP
[72] HATSUNO, AKINORI, JP
[72] MARUYAMA, TOSHITAKE, JP
[72] SAKURAI, TETSUO, JP
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[72] HANSEN, HANS J., US
[72] QU, ZHENGXING, US
[72] GOLDENBERG, DAVID M., US
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[72] JAEGER, DARYL J., US
[73] WEASLER ENGINEERING, INC., US
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[54] **MELANGEUR HOMOGENEISATEUR**
[72] FAVA, ENRICO, IT
[72] STORCI, ANZIO, IT
[73] FAVA S.P.A., IT
[73] STORCI S.P.A., IT
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[54] **PROCEDE DE PROTECTION DE CAPTEURS RESONANTS ET CAPTEURS RESONANTS PROTEGES**
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[73] MICROTECH MEDICAL TECHNOLOGIES LTD., IL
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[54] **LIVE CONDUCTOR STRINGING AND SPLICING METHOD AND APPARATUS**
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[73] QUANTA SERVICES, US
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[54] **TREATMENT OF ASPRIN RESISTANCE WITH RADIX SALVIAE MILTIORRHIZAE, ITS EXTRACT AND COMPOSITION**
[54] **TRAITEMENT DE LA RESISTANCE A L'ASPIRINE PAR DU RADIX SALVIAE MILTIORRHIZAE, SON EXTRAIT ET SA COMPOSITION**
[72] YAN, XIJUN, CN
[72] WU, NAIFENG, CN
[72] YE, ZHENGLIANG, CN
[72] LI, XU, CN
[72] GUO, ZHIXIN, CN
[72] ZHAO, NA, CN
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[72] KALKANOGLU, HUSNU M., US
[73] CERTAINTEED CORPORATION, US
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[73] MAYTAG CORPORATION, US
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[72] ABRAHAM, WILLIAM M., US
[72] BOURDELAIS, ANDREA J., US
[72] MICHELLIZA, SOPHIE, US
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[73] TYCO HEALTHCARE GROUP LP, US
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[72] REITER, BERNHARD, DE
[73] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
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[72] CONTRERAS, ROLAND, BE
[72] CALLEWAERT, NICO L. M., BE
[72] VERVECKEN, WOUTER, BE
[72] KAIGORODOV, VLADIMIR, BE
[73] RESEARCH CORPORATION TECHNOLOGIES, INC., US
[73] UNIVERSITEIT GENT, BE
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[54] **SERVICE INITIATION AND REGENERATION CONTROL USING IMPEDANCE RATIOS**
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[72] PREMATHILAKE, KUMUDIKA, US
[72] VAN NEWENHIZEN, JOHN, US
[73] CULLIGAN INTERNATIONAL COMPANY, US
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[54] **FORME D'ADMINISTRATION A BASE DE POLYMERES HYDROPHILES RETICULES**
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[72] VAZQUEZ LANTES, MARIA CRISTINA, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **FILTRAGE ET RENFORCEMENT DU SIGNAL PROVENANT D'UN CIRCUIT D'ATTAQUE**
[72] LEDOUX, KURT, US
[72] SALMAS, CHRISTOS J., CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] TOSHIBA INTERNATIONAL CORPORATION, US
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[54] **FABRICATION D'AUBE CREUSE COMPORTANT UN SOMMET EN FORME DE BAIGNOIRE**
[72] BOULNOIS, MICHEL, FR
[72] PAGNON, CLAUDE, FR
[73] SNECMA SERVICES, FR
[86] (2546253)
[87] (2546253)
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[73] EARTH ALIVE RESOURCES INC., CA
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[72] TSUTSUE, HIROMI, JP
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[54] **1,2,3-TRIAZOLE AMIDE DERIVATIVES AS INHIBITORS OF CYTOKINE PRODUCTION**

[54] **DERIVES DE 1,2,3-TRIAZOLE AMIDE SERVANT D'INHIBITEURS DE LA PRODUCTION DE CYTOKINES**

[72] COGAN, DEREK, US

[72] GOLDBERG, DANIEL R., US

[72] HAMMACH, ABDELHAKIM, US

[72] NETHERTON, MATTHEW RUSSELL, US

[72] AUNGST, RONALD A., JR., US

[73] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US

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[54] **DOSE COUNTER FOR DISPENSERS**

[54] **COMPTEUR DE DOSES POUR DISTRIBUTEURS**

[72] PURKINS, GRAHAM R., GB

[72] KRISTENSEN, LEE A., GB

[72] JONES, SARAH, GB

[72] GREENLEAF, DAVID J., GB

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[54] **METHODE DE DETECTION DE L'ENDOTOXINE**

[72] MEYER, ROMAN, DE

[72] SCHUETZ, MICHAEL, DE

[72] GRALLERT, HOLGER, DE

[72] GRASSL, RENATE, DE

[72] MILLER, STEFAN, DE

[73] HYGLOS INVEST GMBH, DE

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[30] DE (103 60 844.3) 2003-12-20

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[13] C

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[25] EN

[54] **REFRIGERATOR WITH IMPROVED ICEMAKER**

[54] **REFRIGERATEUR AVEC MACHINE A GLACONS AMELIOREE**

[72] ANDERSON, RONALD K., US

[72] ANDERSON, TROY MICHAEL, US

[72] ANELL, THOMAS CARL, US

[72] FU, XIAOYONG, US

[72] JENKINS, JAMES H., JR., US

[72] KOPF, BRUCE ARTHUR, US

[72] SCHUCHART, RYAN D., US

[72] STROHM, ANDREW G., US

[72] VOLL, SCOTT ROBERT, US

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[86] (2550463)

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[22] 2006-06-15

[11] **2,550,573**
[13] C

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[54] **CARDIAC MONITORING**

[54] **SURVEILLANCE CARDIAQUE**

[72] KORZINOV, LEV, US

[73] CARDIONET, INC., US

[85] 2006-06-20

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[30] US (10/762,887) 2004-01-21

[11] **2,550,693**
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[25] EN

[54] **PROCESS FOR THE PREPARATION OF PYRIDINE DERIVATIVES**

[54] **PROCEDE DE PREPARATION DE DERIVES DE PYRIDINE**

[72] GEBHARDT, JOACHIM, DE

[72] GOETZ, NORBERT, DE

[72] JAEDICKE, HAGEN, DE

[72] MAYER, GUIDO, DE

[72] RACK, MICHAEL, DE

[73] DOW AGROSCIENCES LLC, US

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[30] US (60/531,614) 2003-12-23

[11] **2,551,510**
[13] C

[51] **Int.Cl. A61K 38/27 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **STABLE GROWTH HORMONE LIQUID FORMULATION**

[54] **FORMULATION LIQUIDE STABLE D'HORMONES DE CROISSANCE**

[72] BADKAR, ADVAIT, US

[72] NEMA, SANDEEP, US

[72] WADHWA, MANPREET, US

[73] PHARMACIA CORPORATION, US

[85] 2006-06-22

[86] 2004-12-13 (PCT/IB2004/004159)

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[11] **2,551,881**
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[25] EN
[54] **AIRWAY EXCHANGE CATHETER
CATHETER D'ECHANGE AERIEN**
[72] GINGLES, BRUCE, US
[72] SIROTA, DANIEL J., US
[72] HOFFA, ANDREW K., US
[72] FISCHER, FRANK J., US
[72] HUNT, JAMES B., US
[73] COOK MEDICAL TECHNOLOGIES
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[30] US (10/960,457) 2004-10-07

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[13] C

[51] **Int.Cl. C10L 3/12 (2006.01) B01D 1/00
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[25] EN
[54] **GAS CONDITIONING PROCESS
FOR THE RECOVERY OF
LPG/NGL (C2+) FROM LNG**
[54] **PROCEDE DE
CONDITIONNEMENT DE GAZ
POUR LA RECUPERATION DE
GPL/LGN (C2+) A PARTIR DE
GNL**
[72] SHAH, KAMAL, US
[73] IHI E&C INTERNATIONAL
CORPORATION, US
[85] 2006-06-29
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[11] **2,553,784**
[13] C

[51] **Int.Cl. G10L 19/02 (2013.01) G06F
17/14 (2006.01) H03H 21/00 (2006.01)
H04N 7/24 (2011.01)**
[25] EN
[54] **IMPROVED CODING
TECHNIQUES USING
ESTIMATED SPECTRAL
MAGNITUDE AND PHASE
DERIVED FROM MDCT
COEFFICIENTS**
[54] **TECHNIQUES DE CODAGE
AMELIOREES METTANT EN
OEUVRE LES AMPLITUDE ET
PHASE SPECTRALES ESTIMEES
ET DERIVEES DE COEFFICIENTS
MDCT**
[72] CHENG, COREY I., US
[72] SMITHERS, MICHAEL J., US
[72] LATHROP, DAVID N., US
[73] DOLBY LABORATORIES
LICENSING CORPORATION, US
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[30] US (10/766,681) 2004-01-27

[11] **2,554,630**
[13] C

[51] **Int.Cl. A01N 41/10 (2006.01) A01N
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[25] EN
[54] **SUSPOEMULSIONS COMPRISING
AN HPPD-INHIBITING AND A
CHLORACETAMIDE HERBICIDE**
[54] **SUSPOEMULSIONS
COMPRENANT UN HERBICIDE
INHIBANT HPPD ET UN
CHLORACETAMIDE**
[72] HOPKINS, DEREK JOHN, CH
[72] GUYON, FREDERIQUE, FR
[72] HAESSLIN, HANS WALTER
(DECEASED), CH
[73] SYNGENTA PARTICIPATIONS AG,
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[85] 2006-07-26
[86] 2005-03-03 (PCT/EP2005/002229)
[87] (WO2005/089548)
[30] GB (0405760.0) 2004-03-15

[11] **2,556,116**
[13] C

[51] **Int.Cl. G01M 17/007 (2006.01) G01D
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[25] EN
[54] **AUTOMOTIVE SCAN TOOLS
WITH QUICK BOOT METHOD**
[54] **OUTIL DE BALAYAGE POUR
AUTOMOBILE A METHODE DE
REINITIALISATION RAPIDE**
[72] CHINNADURAI, MANOKAR, US
[72] LIEBL, TROY, US
[73] SERVICE SOLUTIONS U.S. LLC, US
[86] (2556116)
[87] (2556116)
[22] 2006-08-11
[30] US (11/203,123) 2005-08-15

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[13] C

[51] **Int.Cl. A61F 6/22 (2006.01) A61B
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[25] EN
[54] **METHODS AND DEVICES FOR
CONDUIT OCCLUSION**
[54] **PROCEDES ET DISPOSITIFS
D'OCCLUSION DE CONDUITS**
[72] LEE-SEPSICK, KATHY, US
[72] PAXTON, LANI L. L., US
[72] MARCUS, JEFFREY A., US
[72] WILLIAMS, STEPHEN N., US
[73] FEMASYS, INC., US
[85] 2006-08-24
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[87] (WO2005/082299)
[30] US (60/547,491) 2004-02-25
[30] US (60/587,604) 2004-07-13
[30] US (11/065,886) 2005-02-24

[11] **2,556,911**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H
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[25] EN
[54] **LEPTIN PROMOTER
POLYMORPHISMS AND USES
THEREOF**
[54] **POLYMORPHISMES DU
PROMOTEUR DE LA LEPTINE ET
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CORRESPONDANTES**
[72] MOORE, STEPHEN STEWART, CA
[73] THE GOVERNORS OF THE
UNIVERSITY OF ALBERTA, CA
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[13] C

[51] **Int.Cl. C10G 1/10 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR RECOVERING FRACTIONAL HYDROCARBONS FROM RECLAIMED PLASTIC MATERIALS AND/OR FROM OILY RESIDUES**
[54] **DISPOSITIF ET PROCÉDE D'EXTRACTION D'HYDROCARBURES FRACTIONNES A PARTIR DE MATERIAUX SYNTHETIQUES ET/OU DE RESIDUS HUILEUX**
[72] NILL, WOLF-EBERHARD, DE
[72] SCHMILLEN, ANTON, DE
[73] NILL TECH GMBH, DE
[85] 2006-08-31
[86] 2005-01-24 (PCT/EP2005/000661)
[87] (WO2005/071043)
[30] DE (10 2004 003 667.5) 2004-01-24
[30] EP (PCT/EP2005/000504) 2005-01-20

[11] **2,559,931**
[13] C

[51] **Int.Cl. C03C 3/091 (2006.01)**
[25] FR
[54] **GLASS YARN FOR REINFORCING ORGANIC AND/ OR INORGANIC MATERIALS**
[54] **FILS DE VERRE APTES A RENFORCER DES MATIERES ORGANIQUES ET/OU INORGANIQUES**
[72] CREUX, SOPHIE, NL
[72] LECOMTE, EMMANUEL, FR
[72] BERTHEREAU, ANNE, FR
[73] SAINT-GOBAIN TECHNICAL FABRICS EUROPE, FR
[85] 2006-09-14
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[30] FR (0402742) 2004-03-17

[11] **2,561,305**
[13] C

[51] **Int.Cl. C07D 231/56 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/06 (2006.01) C07D 409/06 (2006.01) C07D 409/12 (2006.01) C07D 451/02 (2006.01) C07D 453/02 (2006.01)**
[25] EN
[54] **TETRAHYDRO-INDAZOLE CANNABINOID MODULATORS**
[54] **MODULATEURS DES CANNABINOIDES A BASE DE TETRAHYDRO-INDAZOLE**
[72] LAGU, BHARAT, US
[72] LIOTTA, FINA, US
[72] PAN, MENG, US
[72] WACHTER, MICHAEL P., US
[72] XIA, MINGDE, US
[73] JANSSEN PHARMACEUTICA, N.V., BE
[85] 2006-09-25
[86] 2005-03-23 (PCT/US2005/009819)
[87] (WO2005/095353)
[30] US (60/555,890) 2004-03-24

[11] **2,561,377**
[13] C

[51] **Int.Cl. C07K 14/435 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **MUSSEL BIOADHESIVE**
[54] **BIOADHESIF DE MOULE**
[72] CHA, HYUNG JOON, KR
[72] HWANG, DONG SOO, KR
[73] POSTECH FOUNDATION, KR
[73] POSCO, KR
[85] 2006-09-25
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[87] (WO2005/092920)
[30] US (60/556,805) 2004-03-26

[11] **2,561,451**
[13] C

[51] **Int.Cl. C03C 17/36 (2006.01) B32B 17/10 (2006.01) C03C 17/34 (2006.01) C03C 27/12 (2006.01) C23C 14/34 (2006.01) E06B 3/67 (2006.01)**
[25] EN
[54] **COATING STACK COMPRISING A LAYER OF BARRIER COATING**
[54] **EMPILEMENT DE REVETEMENTS COMPRENANT UNE COUCHE DE REVETEMENT ANTICORROSION**
[72] BUHAY, HARRY, US
[72] FINLEY, JAMES J., US
[72] THIEL, JAMES P., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2006-09-27
[86] 2005-04-01 (PCT/US2005/011353)
[87] (WO2005/108064)
[30] US (10/816,519) 2004-04-01

[11] **2,561,699**
[13] C

[51] **Int.Cl. B65D 39/00 (2006.01) B65D 43/16 (2006.01) B65D 45/02 (2006.01) B65D 53/02 (2006.01) B65D 81/18 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **RE-SEALING MECHANISM FOR A DISPENSER**
[54] **MECANISME REFERMABLE POUR DISTRIBUTEUR**
[72] GIRAUD, JEAN PIERRE, FR
[73] CSP TECHNOLOGIES, INC., US
[85] 2006-09-29
[86] 2005-03-29 (PCT/US2005/010362)
[87] (WO2005/094307)
[30] US (60/557,301) 2004-03-29

[11] **2,562,797**
[13] C

[51] **Int.Cl. A47L 5/38 (2006.01) A47L 9/28 (2006.01)**
[25] EN
[54] **INTEGRATED CENTRAL VACUUM CLEANER SUCTION DEVICE WITH CONTROL**
[54] **DISPOSITIF D'ASPIRATION INTEGRE D'ASPIRATEUR CENTRAL AVEC COMMANDE**
[72] CUNNINGHAM, J. VERN, CA
[73] CUBE INVESTMENTS LIMITED, CA
[86] (2562797)
[87] (2562797)
[22] 2006-10-06
[30] US (11/245,219) 2005-10-07

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[11] **2,563,099**
[13] C

[51] **Int.Cl. G01N 33/543 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **ANALYSIS ARRAY WITH HEATABLE ELECTRODES AND METHODS FOR CHEMICAL AND BIOCHEMICAL ANALYSIS**
[54] **JEU ORDONNE D'ECHANTILLONS POUR ANALYSE MUNI D'ELECTRODES CHAUFFANTES ET PROCEDES POUR ANALYSES CHIMIQUES ET BIOCHIMIQUES**
[72] FLECHSIG, GERD-UWE, DE
[72] GRUENDLER, PETER, DE
[72] WANG, JOSEPH, US
[73] FLECHSIG, GERD-UWE, DE
[85] 2006-10-02
[86] 2005-04-05 (PCT/DE2005/000643)
[87] (WO2005/098438)
[30] DE (10 2004 017 750.3) 2004-04-06

[11] **2,563,400**
[13] C

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/7048 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **MEDICAMENT FOR THE TREATMENT OF FUNGAL INFECTIONS, PARTICULARLY ASPERGILLOSIS**
[54] **MEDICAMENT SERVANT AU TRAITEMENT D'INFECTIONS FONGIQUES, EN PARTICULIER DE L'ASPERGILLOSE**
[72] SALVATORI, GIOVANNI, IT
[72] CARMINATI, PAOLO, IT
[72] ROMANI, LUIGINA, IT
[73] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2006-10-11
[86] 2005-04-28 (PCT/IT2005/000247)
[87] (WO2005/107791)
[30] IT (RM2004A000223) 2004-05-07

[11] **2,563,452**
[13] C

[51] **Int.Cl. F41J 13/02 (2009.01)**
[25] EN
[54] **BALLISTIC TARGET**
[54] **CIBLE BALISTIQUE**
[72] BOSIK, ANTHONY, CA
[73] BOSIK, ANTHONY, CA
[86] (2563452)
[87] (2563452)
[22] 2006-10-12

[11] **2,563,584**
[13] C

[51] **Int.Cl. G01B 11/02 (2006.01) B25J 9/16 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR HYPERACUTE DETECTION OF AN ESSENTIALLY RECTILINEAR CONTRAST EDGE AND SYSTEM FOR FINE FOLLOWING AND FIXING OF SAID CONTRAST EDGE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION EN HYPERACUITE D'UN BORD CONTRASTE SENSIBLEMENT RECTILIGNE ET SYSTEME DE FIXATION ET DE POURSUITE FINE DE CE BORD CONTRASTE.**
[72] FRANCESCHINI, NICOLAS, FR
[72] VIOLLET, STEPHANE, FR
[72] BOYRON, MARC, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2006-10-18
[86] 2005-03-16 (PCT/FR2005/000643)
[87] (WO2005/111536)
[30] FR (0404352) 2004-04-23

[11] **2,564,379**
[13] C

[51] **Int.Cl. A61K 31/536 (2006.01) A61P 11/06 (2006.01)**
[25] EN
[54] **AEROSOL FORMULATION FOR INHALATION OF BETA AGONISTS**
[54] **FORMULATION D'AEROSOL POUR L'INHALATION DE BETA-AGONISTES**
[72] AVEN, MICHAEL, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2006-10-26
[86] 2005-05-10 (PCT/EP2005/005028)
[87] (WO2005/110421)
[30] DE (10 2004 024 452.9) 2004-05-14

[11] **2,564,532**
[13] C

[51] **Int.Cl. G01N 27/333 (2006.01)**
[25] EN
[54] **POTENTIOMETRIC ELECTRODE WITH A GRADIENT POLYMER COMPRISING CONDUCTIVE PARTICLES AND IONOPHORE MOLECULES**
[54] **ELECTRODE POTENTIOMETRIQUE, GRADIENT DE POLYMER, UTILISATION ET PROCEDE DE PREPARATION ASSOCIES**
[72] NAGELS, LUC, BE
[72] BOHETS, HUGO, BE
[72] JIMIDAR, MOHAMEDILIAS, BE
[73] OCTENS BVBA, BE
[85] 2006-10-19
[86] 2005-04-27 (PCT/EP2005/004501)
[87] (WO2005/103664)
[30] EP (PCT/EP2004/004431) 2004-04-27

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[11] **2,565,162**
[13] C

[51] **Int.Cl. C22C 38/44 (2006.01) C21D 8/00 (2006.01) C22C 38/46 (2006.01) C22C 38/50 (2006.01)**

[25] FR

[54] **STEEL WITH HIGH MECHANICAL STRENGTH AND WEAR RESISTANCE**

[54] **ACIER A HAUTE RESISTANCE MECANIQUE ET A L'USURE**

[72] BEGUINOT, JEAN, FR

[72] VIALE, DOMINIQUE, FR

[73] INDUSTRIE CREUSOT, FR

[85] 2006-10-31

[86] 2005-05-12 (PCT/FR2005/001191)

[87] (WO2005/123975)

[30] FR (0405535) 2004-05-21

[11] **2,565,239**
[13] C

[51] **Int.Cl. A61K 9/107 (2006.01) A23D 7/005 (2006.01) A23D 7/01 (2006.01)**

[25] EN

[54] **OIL-IN-WATER EMULSION FOR DELIVERY**

[54] **EMULSION HUILE DANS EAU A ADMINISTRER**

[72] YAGHMUR, ANAN, AT

[72] DE CAMPO, LILIANA, AT

[72] SAGALOWICZ, LAURENT, CH

[72] LESER, MARTIN, CH

[72] GLATTER, OTTO, AT

[72] MICHEL, MARTIN, CH

[72] WATZKE, HERIBERT, CH

[73] NESTEC S.A., CH

[85] 2006-11-01

[86] 2005-05-18 (PCT/EP2005/005411)

[87] (WO2005/110370)

[30] EP (04011749.1) 2004-05-18

[30] EP (04022046.9) 2004-09-16

[11] **2,565,818**
[13] C

[51] **Int.Cl. A61L 27/00 (2006.01)**

[25] EN

[54] **NUCLEUS PULPOSUS FILLER COMPRISING CROSSLINKED CHONDROITIN SULFATE**

[54] **MATIERE DE REMPLISSAGE DE NUCLEUS PULPOSUS COMPRENANT DU SULFATE DE CHONDROITINE A LIAISON CROISEE**

[72] TAKAHASHI, KATSUYA, JP

[72] SATO, TOMOYA, JP

[72] MATSUYAMA, YUKIHIRO, JP

[73] SEIKAGAKU CORPORATION, JP

[85] 2006-11-06

[86] 2005-04-28 (PCT/JP2005/008179)

[87] (WO2005/107827)

[30] JP (2004-138034) 2004-05-07

[11] **2,566,428**
[13] C

[51] **Int.Cl. B05B 1/00 (2006.01) A62C 31/02 (2006.01) B05B 1/14 (2006.01) B05B 1/20 (2006.01) B05B 1/28 (2006.01) B05B 15/02 (2006.01)**

[25] EN

[54] **SHOWER HEADER WITH REMOVABLE SPRAY NOZZLE**

[54] **POMME DE DOUCHE DOTEE D'UNE BUSE DE PULVERISATION AMOVIBLE**

[72] HUFFMAN, DAVID C., US

[73] SPRAYING SYSTEMS CO., US

[85] 2006-11-10

[86] 2005-05-11 (PCT/US2005/016234)

[87] (WO2005/110609)

[30] US (60/570,036) 2004-05-11

[11] **2,567,115**
[13] C

[51] **Int.Cl. H04W 76/00 (2009.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RESOLVING CONTENTION AMONG APPLICATIONS REQUIRING DATA CONNECTIONS BETWEEN A MOBILE COMMUNICATIONS DEVICE AND A WIRELESS NETWORK**

[54] **SYSTEME ET METHODE POUR RESOUDRE LES CONFLITS PARMIS LES APPLICATIONS EXIGEANT DES CONNEXIONS DE DONNEES ENTRE UN DISPOSITIF DE COMMUNICATION MOBILE ET UN RESEAU SANS FIL**

[72] LIANG, KENNETH, CA

[72] HASSAN, MAHMUD-UI, CA

[72] HO, COLIN, CA

[73] RESEARCH IN MOTION LIMITED, CA

[86] (2567115)

[87] (2567115)

[22] 2006-11-03

[30] EP (05256859.9) 2005-11-04

[11] **2,567,138**
[13] C

[51] **Int.Cl. A61L 31/14 (2006.01) A61L 31/10 (2006.01) A61L 31/12 (2006.01)**

[25] EN

[54] **ENDOPROSTHESES AND METHODS OF MAKING THE SAME**

[54] **ENDOPROTHESES ET METHODES DE FABRICATION CONNEXES**

[72] WEBER, JAN, US

[73] BOSTON SCIENTIFIC LIMITED, BB

[85] 2006-11-17

[86] 2005-05-12 (PCT/US2005/016600)

[87] (WO2006/060033)

[30] US (10/849,742) 2004-05-20

[30] US (10/985,242) 2004-11-10

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[11] **2,567,711**
[13] C

[51] **Int.Cl. G01N 33/487 (2006.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING PHYSIOLOGICAL CHARACTERISTICS**
[54] **SYSTEME DE SURVEILLANCE DE CARACTERISTIQUES PHYSIOLOGIQUES**
[72] SAIDARA, FRANK, US
[72] MASTROTOTARO, JOHN JOSEPH, US
[72] TOLLE, CHARLES VALLET, US
[72] MUELLER, JOHN C., JR., US
[72] SANDERS, JEFF B., US
[72] NIELSEN, EDWARD S., US
[73] MEDTRONIC MINIMED, INC., US
[85] 2006-11-22
[86] 2005-05-20 (PCT/US2005/019106)
[87] (WO2005/121785)
[30] US (10/860,114) 2004-06-03

[11] **2,567,893**
[13] C

[51] **Int.Cl. C10L 3/10 (2006.01) F25J 3/02 (2006.01)**
[25] FR
[54] **PROCESS FOR THE ADJUSTMENT OF THE SUPERIOR HEATING POWER OF GAS IN THE LNG CHAIN**
[54] **PROCEDE POUR L'AJUSTEMENT DU POUVOIR CALORIFIQUE SUPERIEUR DU GAZ DANS LA CHAINE DU GNL**
[72] CHRETIEN, DENIS, FR
[73] TOTAL S.A., FR
[86] (2567893)
[87] (2567893)
[22] 2006-11-14
[30] FR (05 11 697) 2005-11-18

[11] **2,568,201**
[13] C

[51] **Int.Cl. G01N 33/68 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF ERGOTHIONEINE TRANSPORTER AND THERAPEUTIC USES THEREOF**
[54] **IDENTIFICATION D'UN TRANSPORTEUR D'ERGOTHIONEINE ET SES UTILISATIONS THERAPEUTIQUES**
[72] GRUENDEMANN, DIRK, DE
[72] SCHOEMIG, EDGAR, DE
[73] UNIVERSITAT ZU KOLN, DE
[85] 2006-11-24
[86] 2005-05-24 (PCT/EP2005/005613)
[87] (WO2005/116657)
[30] EP (04 012 250.9) 2004-05-24

[11] **2,568,424**
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[54] **A RECEPTACLE**
[54] **UN RECIPIENT**
[72] BUTLER, RAYMOND THOMAS, NZ
[72] BUTLER, PATRICIA MARGARET, NZ
[72] ZWAAN, PAUL FRANCIS, NZ
[72] FREEMAN, MICHAEL, NZ
[73] FUMACARE LIMITED, NZ
[85] 2006-11-27
[86] 2005-05-30 (PCT/NZ2005/000107)
[87] (WO2005/115882)
[30] NZ (533197) 2004-05-28

[11] **2,568,655**
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[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] HARRISON, NIGEL, GB
[73] CILAG GMBH INTERNATIONAL, CH
[85] 2006-11-24
[86] 2005-05-27 (PCT/GB2005/002108)
[87] (WO2005/115507)
[30] GB (0412053.1) 2004-05-28

[11] **2,568,684**
[13] C

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[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] BARROW-WILLIAMS, TIM, GB
[73] CILAG GMBH INTERNATIONAL, CH
[85] 2006-11-24
[86] 2005-05-27 (PCT/GB2005/002137)
[87] (WO2005/115513)
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[25] EN
[54] **UWB LOCATION SYSTEM FOR RESCUING AVALANCHE VICTIMS**
[54] **SYSTEME DE LOCALISATION UWB POUR LE SECOURS AUX VICTIMES D'AVALANCHES.**
[72] DANIELE, NORBERT, FR
[72] DENIS, BENOIT, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2006-12-01
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[11] **2,568,951**
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[51] **Int.Cl. F04B 43/113 (2006.01)**
[25] EN
[54] **HYDRAULICALLY DRIVEN MULTICYLINDER PUMPING MACHINE**
[54] **MACHINE DE POMPAGE A PLUSIEURS CYLINDRES A COMMANDE HYDRAULIQUE**
[72] EYSYMONTT, JAN, CH
[73] GARNIMAN S.A., UY
[85] 2006-11-29
[86] 2005-06-02 (PCT/IB2005/001890)
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[25] EN

[54] **THIENOPYRAZOLE DERIVATIVE HAVING PDE 7 INHIBITORY ACTIVITY**

[54] **DERIVE DE THIENOPYRAZOLE AYANT UNE ACTIVITE D'INHIBITION DE LA PDE 7**

[72] INOUE, HIDEKAZU, JP

[72] MURAFUJI, HIDENOBU, JP

[72] HAYASHI, YASUHIRO, JP

[73] DAIICHI SANKYO COMPANY, LIMITED, JP

[85] 2006-12-04

[86] 2005-07-01 (PCT/JP2005/012208)

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[11] **2,569,661**
[13] C

[51] **Int.Cl. B29C 45/23 (2006.01)**

[25] EN

[54] **MELT TRANSFER DEVICE FOR A STACK MOLDING APPARATUS**

[54] **DISPOSITIF DE TRANSFERT DE MATIERE FONDUE DANS UN APPAREIL DE MOULAGE PAR EMPILEMENT**

[72] FAIRY, FABRICE, CA

[73] MOLD-MASTERS (2007) LIMITED, CA

[85] 2006-12-06

[86] 2005-06-17 (PCT/CA2005/000943)

[87] (WO2005/122673)

[30] US (60/580,391) 2004-06-18

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[54] **PROCESS FOR THE PREPARATION OF UREA**

[54] **PROCEDE DE PREPARATION D'UREE**

[72] MENNEN, JOHANNES HENRICUS, NL

[73] STAMICARBON B.V., NL

[85] 2006-12-06

[86] 2005-06-06 (PCT/NL2005/000408)

[87] (WO2006/004395)

[30] NL (1026607) 2004-07-07

[11] **2,570,058**
[13] C

[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/00 (2006.01)**

[25] EN

[54] **CLOSED LOOP CONTROL SYSTEM FOR CONTROLLING PRODUCTION OF HYDROCARBON FLUID FROM AN UNDERGROUND FORMATION**

[54] **SYSTEME DE CONTROLE EN BOUCLE FERMEE PERMETTANT DE CONTROLER LA PRODUCTION D'UN FLUX D'HYDROCARBURES PROVENANT D'UNE FORMATION SOUTERRAINE**

[72] BROUWER, DIRK ROELOF, NL

[72] JANSEN, JOHAN DIRK, NL

[72] KAPTEIJN, PIETER KAREL ANTON, NL

[72] VAN KRUIJSDIJK, CORNELIS PETRUS JOSEPHUS WALTHERA, NL

[72] MARKOVINOVIC, RENATO, NL

[73] SHELL CANADA LIMITED, CA

[85] 2006-12-11

[86] 2005-06-23 (PCT/EP2005/052954)

[87] (WO2006/003118)

[30] EP (04102967.9) 2004-06-25

[11] **2,570,131**
[13] C

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[54] **INHALER DEVICE COUNTER**

[54] **COMPTEUR POUR INHALATEUR**

[72] HODSON, DARREN, GB

[72] TRENEMAN, WILLIAM, GB

[72] BUNCE, MARTIN, GB

[73] ASTRAZENECA AB, SE

[85] 2006-12-08

[86] 2005-06-23 (PCT/SE2005/000995)

[87] (WO2006/004497)

[30] SE (0401787-7) 2004-07-05

[11] **2,570,243**
[13] C

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[54] **SYSTEM FOR WASHING AN AERO GAS TURBINE ENGINE**

[54] **SYSTEME SERVANT A LAVER UN MOTEUR DE TURBINE A GAZ AERIENNE**

[72] HJERPE, CARL-JOHAN, SE

[73] ECOSERVICES, LLC, US

[85] 2006-12-13

[86] 2005-06-08 (PCT/EP2005/052643)

[87] (WO2005/120953)

[30] SE (PCT/SE2004/000922) 2004-06-14

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[54] **SANDWICH SCRAPER STRIP HAVING A HARD METAL CORE**

[54] **LATTE DE DEBLAYAGE DE TYPE SANDWICH, A NOYAU EN METAL DUR**

[72] KUEPER, ROLAND, DE

[73] GUMMI KUEPER GMBH & CO. KG, DE

[85] 2006-12-15

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[54] **A PLANT FOR HEATING BY COMBUSTION OF A SOLID FUEL**
[54] **INSTALLATION DE CHAUFFAGE PAR COMBUSTION D'UN COMBUSTIBLE SOLIDE**
[72] INGVARSSON, ROBERT, SE
[73] JANFIRE AKTIEBOLAG, SE
[85] 2006-12-18
[86] 2005-06-14 (PCT/SE2005/000894)
[87] (WO2006/001746)
[30] SE (0401640-8) 2004-06-24

[11] **2,572,665**
[13] C

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0481 (2013.01) G06F 3/14 (2006.01) G06F 15/02 (2006.01)**
[25] EN
[54] **ON-SCREEN CURSOR NAVIGATION DELIMITING ON A HANDHELD COMMUNICATION DEVICE**
[54] **DELIMITATION DE NAVIGATION PAR CURSEUR D'ECRAN SUR UN DISPOSITIF DE COMMUNICATION PORTATIF**
[72] LEE, MATTHEW RICHARD, CA
[72] BUTT, FAHD SOHAIL, CA
[72] TALUKDAR, TANEEM, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2572665)
[87] (2572665)
[22] 2006-12-29

[11] **2,574,819**
[13] C

[51] **Int.Cl. C08F 4/34 (2006.01) B29D 99/00 (2010.01) A41D 19/00 (2006.01) A47L 13/18 (2006.01) A61B 19/04 (2006.01) B29C 41/14 (2006.01) C08F 2/24 (2006.01) C08F 2/26 (2006.01) C08F 257/02 (2006.01) C08F 265/06 (2006.01) C08F 297/02 (2006.01) C08L 9/04 (2006.01) C08L 9/08 (2006.01) C08L 13/02 (2006.01)**
[25] EN
[54] **POLYMER LATEX SUITABLE FOR THE PREPARATION OF DIP-MOLDED ARTICLES**
[54] **LATEX POLYMERE ADAPTE A LA FABRICATION D'ARTICLES MOULES AU TREMPE**
[72] BUTZ, SOEREN, DE
[72] ERB, VOLKER, DE
[72] SIEPEN, KATJA, DE
[72] VOGT, HANS-GUENTER, DE
[73] POLYMERLATEX GMBH, DE
[85] 2007-01-23
[86] 2005-09-02 (PCT/EP2005/009446)
[87] (WO2006/027164)
[30] EP (04021435.5) 2004-09-09

[11] **2,575,472**
[13] C

[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01) A61P 31/18 (2006.01) C07D 239/50 (2006.01)**
[25] EN
[54] **HIV INHIBITING 5-SUBSTITUTED PYRIMIDINES**
[54] **PYRIMIDINES 5-SUBSTITUEES INHIBITRICES DE HIV**
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] HEERES, JAN, BE
[72] LEWI, PAULUS JOANNES, BE
[73] TIBOTEC PHARMACEUTICALS LTD., IE
[85] 2007-01-29
[86] 2005-09-29 (PCT/EP2005/054932)
[87] (WO2006/035069)
[30] EP (04104805.9) 2004-09-30

[11] **2,577,473**
[13] C

[51] **Int.Cl. C12N 9/20 (2006.01) C12P 7/62 (2006.01)**
[25] EN
[54] **A LIPASE POWDER COMPOSITION AND A PROCESS FOR PREPARING AN ESTERIFIED COMPOUND BY USING THE SAME**
[54] **COMPOSITION DE LIPASE EN POUDRE ET METHODE DE PREPARATION DE COMPOSE ESTERIFIE UTILISANT LADITE COMPOSITION**
[72] HIROSE, TADASHIRO, JP
[72] ARAI, YURI, JP
[72] NEGISHI, SATOSHI, JP
[73] THE NISSHIN OILLO GROUP, LTD., JP
[85] 2007-02-14
[86] 2005-08-16 (PCT/JP2005/014936)
[87] (WO2006/022166)
[30] JP (2004-243895) 2004-08-24
[30] JP (2005-091881) 2005-03-28

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[13] C

[51] **Int.Cl. G02C 7/02 (2006.01) A61B 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING VISUAL PERCEPTION**
[54] **SYSTEMES ET PROCEDES D'AMELIORATION DE LA PERCEPTION VISUELLE**
[72] POLAT, URI, IL
[73] UCANSI INC., US
[85] 2007-02-27
[86] 2005-08-31 (PCT/IL2005/000927)
[87] (WO2006/025056)
[30] US (60/607,081) 2004-09-03

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[25] EN

[54] **PROCESS FOR PRODUCTION OF OPTICALLY ACTIVE AMINE DERIVATIVES**

[54] **PROCEDE DE FABRICATION DE DERIVES D'AMINES OPTIQUEMENT ACTIFS**

[72] URAYAMA, SHINICHI, JP

[72] MUTOU, EIGO, JP

[72] INAGAKI, ATSUSHI, JP

[72] OKADA, TAKASHI, JP

[72] SUGISAKI, SHIGEHARU, IE

[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2007-03-02

[86] 2005-09-12 (PCT/JP2005/016761)

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[30] JP (2004-265307) 2004-09-13

[11] **2,579,720**
[13] C

[51] **Int.Cl. A61K 31/427 (2006.01) A61K 38/05 (2006.01) A61K 38/06 (2006.01) A61P 25/14 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **A PHARMACEUTICAL COMPOSITION FOR TREATING ATAXIA, MULTIPLE SYSTEM ATROPHY OR BALANCE DISORDERS**

[54] **PREPARATION PHARMACEUTIQUE POUR LE TRAITEMENT DE L'ATAXIE, DE L'ATROPHIE MULTISYSTEMIQUE, OU DE TROUBLES DE L'EQUILIBRE**

[72] YOSHIKAWA, TAKAYOSHI, JP

[72] KATSUURA, GORO, JP

[73] SHIONOGI & CO., LTD., JP

[85] 2007-03-07

[86] 2005-09-08 (PCT/JP2005/016994)

[87] (WO2006/028277)

[30] JP (2004-261977) 2004-09-09

[30] US (60/613,717) 2004-09-29

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[13] C

[51] **Int.Cl. A61K 31/44 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/14 (2006.01)**

[25] EN

[54] **AQUEOUS PHARMACEUTICAL PREPARATION COMPRISING ROFLUMILAST AND AN ALKOXYLATED FAT**

[54] **PREPARATION PHARMACEUTIQUE AQUEUSE COMPRENANT DU ROFLUMILAST ET UN CORPS GRAS ALKOXYLE**

[72] LINDER, RUDOLF, DE

[73] TAKEDA GMBH, DE

[85] 2007-03-14

[86] 2005-09-21 (PCT/EP2005/054723)

[87] (WO2006/032675)

[30] DE (10 2004 046 235.6) 2004-09-22

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[13] C

[51] **Int.Cl. G01M 3/32 (2006.01) G01F 23/00 (2006.01) G01M 3/28 (2006.01)**

[25] EN

[54] **AIRCRAFT FUEL STORAGE LEAK DETECTION METHOD AND DETECTION CIRCUIT THEREFOR**

[54] **METHODE DE DETECTION DE FUITE DE RESERVOIR DE CARBURANT D'AVION ET SON CIRCUIT DE DETECTION**

[72] TICHBORNE, FRANKLIN GEORGE, GB

[72] CLARKE, RAYMOND, GB

[72] BROWN, MICHAEL DANIEL, GB

[73] AIRBUS OPERATIONS LIMITED, GB

[85] 2007-03-14

[86] 2005-09-21 (PCT/GB2005/003628)

[87] (WO2006/032873)

[30] GB (0421124.9) 2004-09-22

[11] **2,581,487**
[13] C

[51] **Int.Cl. C12N 15/56 (2006.01) A23L 1/09 (2006.01) A23L 1/236 (2006.01) A23L 1/30 (2006.01) A61K 8/00 (2006.01) A61K 47/26 (2006.01) A61K 47/40 (2006.01) C07H 3/06 (2006.01) C08B 37/00 (2006.01) C12N 1/21 (2006.01) C12N 9/24 (2006.01) C12P 19/04 (2006.01) C13K 13/00 (2006.01)**

[25] EN

[54] **ISOCYCLOMALTOOLIGOSACCHARIDE (S), ISOCYCLOMALTOOLIGOSACCHARIDE-FORMING ENZYME, THEIR PREPARATION AND USES**

[54] **ISOCYCLOMALTOOLIGOSACCHARIDE (S), ISOCYCLOMALTOOLIGOSACCHARIDE SYNTHASE, LEUR PREPARATION ET LEURS UTILISATIONS**

[72] WATANABE, HIKARU, JP

[72] NISHIMOTO, TOMOYUKI, JP

[72] KUBOTA, MICHIO, JP

[72] FUKUDA, SHIGEHARU, JP

[72] MIYAKE, TOSHIO, JP

[73] HAYASHIBARA CO., LTD., JP

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[86] 2005-09-26 (PCT/JP2005/017642)

[87] (WO2006/035725)

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[11] **2,581,522**
[13] C

[51] **Int.Cl. G01V 13/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CALIBRATION OF WELL LOGGING TOOLS**

[54] **SYSTEME ET METHODE D'ETALONNAGE D'OUTILS DE DIAGNOSTIC DES Puits**

[72] FREY, MARK T., US

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2581522)

[87] (2581522)

[22] 2007-03-06

[30] US (11/394,720) 2006-03-31

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[25] EN

[54] **A METHOD OF ANTIBODY PURIFICATION**

[54] **PROCEDE DE PURIFICATION D'ANTICORPS**

[72] ENGSTRAND, CARINA, SE

[72] FORSS, ANNIKA, SE

[72] GLAD, GUNNAR, SE

[72] JOHANSSON, BO-LENNART, SE

[72] JOHANSSON, HANS J., SE

[72] MALOISEL, JEAN-LUC, SE

[73] GE HEALTHCARE BIO-SCIENCES AB, SE

[85] 2007-03-27

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[30] SE (0402910-4) 2004-11-26

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[25] EN

[54] **PHOTOCHROMIC COMPOUND AND OPTICAL FUNCTIONAL MATERIAL**

[54] **PHOTOCHROME ET MATERIAU OPTIQUE FONCTIONNEL**

[72] KAWAI, TSUYOSHI, JP

[72] NAKAJIMA, TAKUYA, JP

[72] KAWAI, SHIGEKAZU, JP

[73] NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY, JP

[86] (2582605)

[87] (2582605)

[22] 2007-03-23

[30] JP (2006-189651) 2006-07-10

[11] **2,583,718**
[13] C

[51] **Int.Cl. C09D 133/00 (2006.01)**

[25] EN

[54] **AQUEOUS COATING COMPOSITIONS CONTAINING ACETOACETYL-FUNCTIONAL POLYMERS, COATINGS, AND METHODS**

[54] **PREPARATIONS AQUEUSES POUR REVETEMENTS CONTENANT DES POLYMERES PORTANT DES FONCTIONS ACETOACETYLE, REVETEMENTS, ET METHODES**

[72] KILLILEA, T. HOWARD, US

[73] VALSPAR SOURCING, INC., US

[85] 2007-04-10

[86] 2005-12-14 (PCT/US2005/045265)

[87] (WO2006/065914)

[30] US (60/636,921) 2004-12-17

[11] **2,583,798**
[13] C

[51] **Int.Cl. E21B 33/06 (2006.01)**

[25] EN

[54] **BLOWOUT PREVENTER WITH SEAL SEAT**

[54] **BLOCS OBTURATEURS DE Puits AVEC SIEGE D'ETANCHEITE**

[72] EDWARDS, JEFFREY CHARLES, GB

[73] ENOVATE SYSTEMS LIMITED, GB

[85] 2007-04-13

[86] 2005-10-17 (PCT/GB2005/003993)

[87] (WO2006/040590)

[30] GB (0423016.5) 2004-10-16

[11] **2,583,973**
[13] C

[51] **Int.Cl. C07D 209/62 (2006.01) A61K 31/18 (2006.01) A61K 31/4035 (2006.01) A61K 31/404 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61P 25/00 (2006.01) C07C 311/21 (2006.01) C07D 209/14 (2006.01) C07D 235/14 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **AMINOMETHYL SUBSTITUTED BICYCLIC AROMATIC COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF THE DOPAMINE D3 RECEPTOR**

[54] **COMPOSES AROMATIQUES BICYCLIQUES AMINOMETHYLE SUBSTITUES PERMETTANT DE TRAITER DES TROUBLES REPONDANT A UNE MODULATION DU RECEPTEUR D<SB>3 </SB>DE LA DOPAMINE**

[72] DRESCHER, KARLA, DE

[72] HAUPT, ANDREAS, DE

[72] UNGER, LILIANE, DE

[72] TURNER, SEAN C., DE

[72] BRAJE, WILFRIED, DE

[72] GRANDEL, ROLAND, DE

[73] ABBOTT GMBH & CO. KG, DE

[85] 2007-04-12

[86] 2005-10-14 (PCT/EP2005/011093)

[87] (WO2006/040180)

[30] US (60/618,744) 2004-10-14

[11] **2,584,506**
[13] C

[51] **Int.Cl. G01B 11/28 (2006.01) F01D 25/00 (2006.01) G01B 15/00 (2006.01) G01M 15/00 (2006.01)**

[25] EN

[54] **IMPROVED MEASUREMENT SYSTEM**

[54] **SYSTEME DE MESURE AMELIORE**

[72] LEBOEUF, PIERRE, CA

[72] GAUTHIER, NICOLAS, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[85] 2007-04-19

[86] 2005-10-06 (PCT/CA2005/001531)

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[13] C

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[25] EN
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[54] **PROTHESE VISUELLE SENSIBLE A LA POLARISATION**
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[54] **GENE DE RESISTANCE AUX HERBICIDES ET UTILISATION DE CELUI-CI**
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[54] **BRAKING CONTROL APPARATUS AND BRAKING CONTROL METHOD FOR ELECTRIC VEHICLE**
[54] **DISPOSITIF ET METHODE DE COMMANDE DE FREINAGE POUR VEHICULE ELECTRIQUE**
[72] NEGORO, HIDETO, JP
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[25] EN
[54] **ETHYLENE-ACRYLIC ACID POLYMER DISPERSION FOR PRINTING MEDIA**
[54] **DISPERSION DE POLYMERE ETHYLENE-ACIDE ACRYLIQUE POUR SUPPORTS D'IMPRESSION**
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[72] WHIPPLE, WESLEY L., US
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[54] **ELECTRICALLY CONDUCTIVE FUEL CELL CONTACT MATERIALS**
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[54] **UNITE DE TRAITEMENT DE DONNEES AUDIO/VIDEO NUMERIQUES ET METHODE DE CONTROLE D'ACCES AUDITES DONNEES**

[72] PUIATTI, JEAN-MICHEL, CH
[72] GREMAUD, FABIEN, CH
[72] MOREILLON, GUY, CH
[72] FISCHER, NICOLAS, CH
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[54] **EDIBLE CONTAINER FOR FOODSTUFFS AND PROCESS FOR PRODUCING THE SAME**
[54] **CONTENANT COMESTIBLE POUR PRODUITS ALIMENTAIRES ET PROCEDE PERMETTANT DE PRODUIRE CE CONTENANT**

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[73] NESTEC S.A., CH

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[13] C

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[54] **PROCESS FOR THE RECOVERY OF ELEMENTAL SULPHUR FROM RESIDUES PRODUCED IN HYDROMETALLURGICAL PROCESSES**
[54] **PROCEDE DE RECUPERATION DE SOUFRE ELEMENTAIRE A PARTIR DES RESIDUS RESULTANT DE PROCESSUS HYDROMETALLURGIQUES**

[72] OLPER, MARCO, IT
[72] MACCAGNI, MASSIMO, IT
[72] COSSALI, SILVANO, IT
[73] ENGITEC TECHNOLOGIES S.P.A., IT

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[72] TREUHEIT, MICHAEL J., US
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[54] **COMMUNICATION RELAY DEVICE, INFORMATION PROCESSING SYSTEM, CONTROL METHOD, AND PROGRAM**
[54] **DISPOSITIF DE RELAIS DE COMMUNICATION, SYSTEME DE TRAITEMENT DES INFORMATIONS, PROCEDE DE CONTROLE ET PROGRAMME**
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[13] C

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[54] **DIESTERS FLUORES EN TANT QU'ADDITIFS REPULSIFS POUR POLYMERE A L'ETAT FONDU**
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **HETEROCYCLE DERIVATIVES AS HISTONE DEACETYLASE (HDAC) INHIBITORS**
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[72] ATTENNI, BARBARA, IT
[72] FERRIGNO, FEDERICA, IT
[72] JONES, PHILIP, IT
[72] INGENITO, RAFFAELE, IT
[72] KINZEL, OLAF, IT
[72] LLAUGER BUFI, LAURA, IT
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[13] C

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[54] **GARNITURE DE JOINT ET PROCEDE DE PRODUCTION DE CETTE GARNITURE**
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[73] SMITH & NEPHEW, INC., US
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[72] OETTER, GUENTER, DE
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[72] OSTOS RIOS, CESAR, PE
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[13] C

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[25] EN
[54] **PROSTHETIC JOINT WITH ARTICULATING SURFACE LAYERS COMPRISING ADLC**
[54] **PROTHESE D'ARTICULATION AVEC COUCHES DE SURFACE D'ARTICULATION COMPRENANT DU CARBONE SOUS FORME DE DIAMANT AMORPHE**
[72] LECHMANN, BEAT, CH
[72] KUENZI, THOMAS, CH
[72] FRIGG, ROBERT, CH
[72] APPENZELLER, ANDREAS, CH
[73] SYNTHES USA, LLC, US
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[54] **DISPERSIONS A TAUX DE MOUSSE REDUIT ET FORMULATIONS ASSOCIEES**
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[72] LAVRANOS, ALICE, AU
[73] HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED, AU
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[54] **HAUT PARLEUR AQUATIQUE A MEMBRANE**
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[13] C

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[25] EN
[54] **TRANSITION-METAL-CATALYZED CARBON-NITROGEN AND CARBON-CARBON BOND-FORMING REACTIONS**
[54] **REACTIONS DE FORMATION DE LIAISONS CARBONE-AZOTE ET CARBONE-CARBONE CATALYSEES PAR METAUX DE TRANSITION**
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[72] ANDERSON, KEVIN W., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[13] C

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[54] **INJECTEUR D'IMPLANT INTRAOCULAIRE SOUPLE**
[72] QUINTIN, NICOLAS, FR
[72] VINCHON, CYRILLE, FR
[72] ANDRE, JEAN-MARC, FR
[73] CORNEAL INDUSTRIE, FR
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[25] EN
[54] **USE OF A FERMENTED MILK CONTAINING L. CASEI FOR THE MANUFACTURE OF A COMPOSITION FOR THE PREVENTION OR TREATMENT OF A DELAYED-TYPE HYPERSENSITIVITY REACTION**
[54] **EMPLOI D'UN LAIT FERMENTE CONTENANT L. CASEI DANS LA FABRICATION D'UNE PREPARATION POUR LE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE D'UNE REPONSE HYPERSENSIBLE RETARDEE**
[72] NICOLAS, JEAN-FRANCOIS, FR
[72] GOUJON, CATHERINE, FR
[72] BOURDET-SICARD, RAPHAELLE, FR
[72] ROLF-PEDERSEN, NATHALIE, FR
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[13] C

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[25] EN
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[54] **CALIBRATION DE CANAL D'UN SYSTEME DE COMMUNICATION DUPLEX A REPARTITION DANS LE TEMPS**
[72] WALLACE, MARK S., US
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[72] HOWARD, STEVEN J., US
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[13] C

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[54] **TRI DE VIANDE**
[72] MCKENNA, DAVID R., US
[72] HIEMENZ, PAUL B., US
[72] DOLEZAL, GLEN H., JR., US
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[13] C

[51] **Int.Cl. H04L 9/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR TRUSTWORTHY METERING AND DEACTIVATION**
[54] **SYSTEME ET PROCEDE DE MESURE ET DE DESACTIVATION FIABLE**
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[72] WESTERINEN, WILLIAM J., US
[73] MICROSOFT CORPORATION, US
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[30] US (11/074,500) 2005-03-08

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[13] C

[51] **Int.Cl. A61K 31/728 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **AMIDE DERIVATIVES OF HYALURONIC ACID IN OSTEOARTHRISIS**
[54] **DERIVES D'AMIDE D'ACIDE HYALURONIQUE POUR L'OSTEOARTHROSE**
[72] SCHIAVINATO, ANTONELLA, IT
[72] BELLINI, DAVIDE, IT
[73] FIDIA FARMACEUTICI S.P.A., IT
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[13] C

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[25] EN
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[54] **CHASSE-NEIGE AVEC LAMES LATERALES PIVOTANTES**
[72] FREY, OSCAR, CA
[72] FREY, RYAN EARL, CA
[73] 1708828 ONTARIO LIMITED, CA
[86] (2598782)
[87] (2598782)
[22] 2007-08-27
[30] CA (2,581,876) 2007-03-15

[11] **2,598,932**
[13] C

[51] **Int.Cl. H02M 3/00 (2006.01) H02P 9/30 (2006.01)**
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[73] CONVERTEAM UK LTD, GB
[85] 2007-08-23
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[87] (WO2006/090112)
[30] GB (0503800.5) 2005-02-24

[11] **2,599,252**
[13] C

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[25] EN
[54] **CARNITINE-CONTAINING PERITONEAL DIALYSIS SOLUTION HAVING IMPROVED BIOCOMPATIBILITY**
[54] **SOLUTION DE DIALYSE PERITONEALE CONTENANT DE LA CARNITINE ET PRESENTANT UNE BIOCOMPATIBILITE AMELIOREE**
[72] ARDUINI, ARDUINO, IT
[73] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2007-08-27
[86] 2006-02-22 (PCT/EP2006/060162)
[87] (WO2006/094900)
[30] IT (PCT/IT2005/000130) 2005-03-10

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[13] C

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[54] **N-SULPHONYLPYRROLES AND THEIR USE AS HISTONE DEACETYLASE INHIBITORS**

[54] **N-SULPHONYLPYRROLES ET LEUR UTILISATION EN TANT QU'INHIBITEURS D'HISTONE DEACETYLASE**

[72] MAIER, THOMAS, DE
[72] BAER, THOMAS, DE
[72] BECKERS, THOMAS, DE
[72] LEJA, ASTRID, DE
[72] SCHNEIDER, SIEGFRIED, DE
[72] GEKELER, VOLKER, DE
[73] 4SC AG, DE
[85] 2007-08-30
[86] 2006-03-14 (PCT/EP2006/060712)
[87] (WO2006/097474)
[30] EP (05102019.6) 2005-03-15
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[54] **MELEIMIDE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER**

[54] **DERIVES DE MALEIMIDE, COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT DU CANCER**

[72] LI, CHIANG J., US
[72] ASHWELL, MARK ANTONY, US
[72] HILL, JASON, US
[72] MOUSSA, MAGDI M., US
[72] MUNSHI, NERU, US
[73] ARQULE, INC., US
[85] 2007-08-06
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[30] US (60/650,951) 2005-02-09

[11] **2,599,975**
[13] C

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[54] **SURFACES COATED WITH TARGET-INDUCED FLUORESCENT COMPOUNDS FOR DETECTION OF TARGET ELEMENTS**

[54] **SURFACES REVETUES DE COMPOSES A FLUORESCENCE INDUITE PAR UNE CIBLE, POUR LA DETECTION D'ELEMENTS CIBLES**

[72] ZHAO, XIAOJUN JULIA, US
[72] PIERCE, DAVID, US
[73] UNIVERSITY OF NORTH DAKOTA, US
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[87] (WO2006/094198)
[30] US (60/594,006) 2005-03-03

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[54] **COMPOSITIONS COMPRISING ENTRAINED WATER AND AGENTS ENTRAINED IN WATER-SENSITIVE MATRICES**

[54] **COMPOSITIONS CONTENANT DE L'EAU ENTRAINEE ET DES AGENTS ENTRAINES DANS DES MATRICES SENSIBLES A L'EAU**

[72] MAJMUDAR, GOPA, US
[73] MARY KAY INC., US
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[87] (WO2006/099253)
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[13] C

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[25] EN

[54] **METHOD AND USE OF NANOPARTICLES TO BIND BIOCIDES IN PAINTS**

[54] **PROCEDE ET UTILISATION DE NANOPARTICULES POUR FIXER DES BIOCIDES DANS DES PEINTURES**

[72] NYDEN, MAGNUS, SE
[72] FANT, CAMILLA, SE
[73] I-TECH AB, SE
[85] 2007-08-31
[86] 2006-03-13 (PCT/SE2006/000318)
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[30] US (60/661,083) 2005-03-11
[30] US (11/373,661) 2006-03-10

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[13] C

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[54] **RADIOTHERAPEUTIC APPARATUS**

[54] **APPAREIL DE RADIOTHERAPIE**

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[73] ELEKTA AB (PUBL), SE
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[30] GB (0504897.0) 2005-03-10

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[13] C

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[73] CLARK EQUIPMENT COMPANY, US
[85] 2007-09-17
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[54] **PROCEDE AMELIORE DE PURIFICATION DU PERINDOPRIL**
[72] SINGH, GIRIJ PAL, IN
[72] GODBOLE, HIMANSHU MADHAV, IN
[72] RANANAWARE, UMESH BABANRAO, IN
[72] DHAKE, VILAS NATHU, IN
[72] TAMBE, SUHAS GANPAT, IN
[72] NEHATE, SAGAR PURUSHOTTAM, IN
[73] LES LABORATOIRES SERVIER, FR
[85] 2007-09-13
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[11] **2,602,714**
[13] C

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[25] EN
[54] **MEMS FLUID SENSOR**
[54] **DETECTEUR DE FLUIDE DE TYPE MEMS**
[72] SILVERBROOK, KIA, AU
[72] NORTH, ANGUS JOHN, AU
[72] MCAVOY, GREGORY JOHN, AU
[72] MALLINSON, SAMUEL GEORGE, AU
[72] AZIMI, MEHDI, AU
[72] REICHL, PAUL JUSTIN, AU
[72] FISHBURN, JENNIFER MIA, AU
[73] SILVERBROOK RESEARCH PTY LTD, AU
[85] 2007-09-25
[86] 2005-04-04 (PCT/AU2005/000480)
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[11] **2,602,923**
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[54] **PROCEDE D'EXTINCTION DE FEU DANS UN COMPARTIMENT D'UN AERONEF**
[72] LESSI, STEPHANE, US
[72] VANDROUX, OLIVIER, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[85] 2007-09-24
[86] 2006-03-23 (PCT/FR2006/050250)
[87] (WO2006/103364)
[30] FR (0550826) 2005-03-31

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[13] C

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[54] **PASSAGE DE CABLES**
[72] REISS, GERHARD, AT
[72] KADR NOSKA, HELMUT, AT
[73] CABLERUNNER AUSTRIA GMBH & CO. KG, AT
[85] 2007-10-10
[86] 2005-05-25 (PCT/AT2005/000180)
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[30] AT (A 641/2005) 2005-04-15

[11] **2,604,768**
[13] C

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[25] EN
[54] **MUCOADHESIVE XYLOGLUCAN-CONTAINING FORMULATIONS USEFUL IN MEDICAL DEVICES AND IN PHARMACEUTICAL FORMULATIONS**
[54] **FORMULATIONS MUCOADHESIVES CONTENANT DU XYLOGLUCANE UTILES DANS DES DISPOSITIFS MEDICAUX ET DANS DES FORMULATIONS PHARMACEUTIQUES**
[72] BOTTONI, GIUSEPPE, IT
[72] MAFFEI, PAOLA, IT
[72] SFORZINI, ANNALISA, IT
[72] FEDERICI, MASCIA, IT
[72] CAMELLA, CARLA, IT
[72] ROSSI, SILVIA, IT
[72] VISCOMI, GIUSEPPE CLAUDIO, IT
[73] ALFA WASSERMANN S.P.A., IT
[85] 2007-10-15
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[30] IT (BO2005A000388) 2005-06-06

[11] **2,604,806**
[13] C

[51] **Int.Cl. A63F 13/00 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **IM CONTACT LIST ENTRY AS A GAME IN PROGRESS DESIGNATE**
[54] **ENTREE DE LISTE DE CONTACT IM COMME INDICATEUR DE DEROULEMENT DE PRATIQUE DE JEU**
[72] WORMALD, CHRISTOPHER R., CA
[72] KLASSEN, GERHARD DIETRICH, CA
[72] ZINN, RONALD SCOTTE, CA
[72] FAHMY, SAMER, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2604806)
[87] (2604806)
[22] 2007-09-28
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[54] **METHODS FOR PRODUCTION OF POLYOLS FROM OILS AND THEIR USE IN THE PRODUCTION OF POLYESTERS AND POLYURETHANES**
[54] **PROCEDES DE PRODUCTION DE POLYOLS A PARTIR D'HUILES ET LEUR UTILISATION DANS LA PRODUCTION DE POLYESTERS ET DE POLYURETHANES**
[72] BENECKE, HERMAN PAUL, US
[72] GARBARK, DANIEL B., US
[72] VIJAYENDRAN, BHIMA RAO, US
[73] BATTELLE MEMORIAL INSTITUTE, US
[85] 2007-10-19
[86] 2006-04-26 (PCT/US2006/016022)
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[30] US (60/674,993) 2005-04-26

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[13] C

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[25] EN
[54] **DEVICE FOR HOLDING PANELS AND SEPARATION ELEMENT**
[54] **DISPOSITIF POUR RETENIR DES CLOISONS ET UN ELEMENT DE SEPARATION**
[72] HAAB, GREGOR, CH
[72] HAGGER, STEFAN, CH
[73] HAWA AG, CH
[86] (2605598)
[87] (2605598)
[22] 2007-10-04
[30] EP (EP 2006 122 781.5) 2006-10-23
[30] EP (EP 2007 105 872.1) 2007-04-10

[11] **2,605,606**
[13] C

[51] **Int.Cl. B07B 1/42 (2006.01) E21B 21/01 (2006.01) F15B 13/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANGULARLY POSITIONING A SHAKER SEPARATOR BED**
[54] **PROCEDE ET APPAREIL SERVANT A POSITIONNER UN LIT D'AGITATEUR-SEPARATEUR DE MANIERE ANGULAIRE**
[72] RICHARDSON, GREGORY, US
[72] CARR, BRIAN S., US
[72] KING, KEITH J., US
[73] M-I L.L.C., US
[85] 2007-10-19
[86] 2006-04-26 (PCT/US2006/015999)
[87] (WO2006/118938)
[30] US (60/676,691) 2005-04-30

[11] **2,605,671**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) B03C 1/01 (2006.01) C07H 21/00 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **MAGNETIC PARTICLES WITH A GLASS SURFACE AND THEIR USE**
[54] **PARTICULES MAGNETIQUES AYANT UNE SURFACE EN VERRE ET LEUR UTILISATION**
[72] HARTTIG, HERBERT, DE
[72] MENNING, MARTIN, DE
[72] WALTER, THOMAS, DE
[72] KLEIBER, JOERG, DE
[72] RIEDLING, MICHAEL, DE
[72] SCHMIDT, HELMUT, DE
[72] LESNIAK, CHRISTOPH, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
[86] (2605671)
[87] (2605671)
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[30] DE (195 37 985.3) 1995-10-12

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[51] **Int.Cl. G01D 5/353 (2006.01) G01N 21/77 (2006.01) G02B 6/032 (2006.01) G02B 6/10 (2006.01)**
[25] EN
[54] **EVANESCENT SENSOR USING A HOLLOW-CORE RING MODE WAVEGUIDE**
[54] **CAPTEUR D'ONDE EVANESCENTE UTILISANT UN GUIDE D'ONDE A COEUR CREUX ANNULAIRE**
[72] TAVERNER, DOMINO, US
[72] DOWD, EDWARD M., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2606662)
[87] (2606662)
[22] 2007-10-16
[30] US (11/551,853) 2006-10-23

[11] **2,606,784**
[13] C

[51] **Int.Cl. C07C 273/12 (2006.01)**
[25] EN
[54] **METHOD FOR CONCENTRATING AN AQUEOUS AMMONIUM CARBAMATE STREAM**
[54] **PROCEDE DE CONCENTRATION D'UN FLUX AQUEUX DE CARBAMATE D'AMMONIUM**
[72] MENNEN, JOHANNES HENRICUS, NL
[72] TJIOE, TJAY TJIEN, NL
[73] STAMICARBON B.V., NL
[85] 2007-10-29
[86] 2006-05-15 (PCT/NL2006/000249)
[87] (WO2006/121332)
[30] NL (1029038) 2005-05-13

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[13] C

[51] **Int.Cl. B65D 41/62 (2006.01) B65D 41/04 (2006.01) B65D 41/34 (2006.01)**

[25] FR

[54] **STOPPER DEVICE FOR THE NECK OF A CONTAINER CONTAINER PROVIDED WITH SUCH A DEVICE METHOD FOR STOPPING SUCH A CONTAINER AND METHOD FOR PRODCUTION OF SUCH A DEVICE**

[54] **DISPOSITIF DE BOUCHAGE D'UN COL DE RECIPIENT, RECIPIENT EQUIPE D'UN TEL DISPOSITIF, PROCEDE DE BOUCHAGE D'UN TEL RECIPIENT ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF**

[72] LUZZATO, MICHEL, FR
[72] ANTIER, GREGORY, FR
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2007-11-07
[86] 2006-05-12 (PCT/FR2006/001076)
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[30] FR (0504830) 2005-05-13

[11] **2,609,537**
[13] C

[51] **Int.Cl. C09K 11/59 (2006.01) B82Y 30/00 (2011.01) C01B 33/02 (2006.01) C01B 33/113 (2006.01) G01N 21/64 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING NANOCRYSTALLINE SILICON IN SIO₂ AND FREESTANDING SILICON NANOPARTICLES**

[54] **PROCEDES DE PREPARATION DE SILICIUM NANOCRISTALLIN DANS DU SIO₂ ET DE NANOPARTICULES DE SILICIUM AUTONOMES**

[72] HESSEL, COLIN MICHAEL, CA
[72] VEINOT, JONATHAN GORDON CONN, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2007-11-22
[86] 2006-05-26 (PCT/CA2006/000851)
[87] (WO2006/125313)
[30] US (60/684,987) 2005-05-27

[11] **2,610,079**
[13] C

[51] **Int.Cl. B64C 25/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR SUPPORTING THE TAKE-OFF ROTATION OF AN AIRCRAFT**

[54] **PROCEDE ET DISPOSITIF POUR PRENDRE EN CHARGE LA ROTATION DE DECOLLAGE D'UN AVION**

[72] ANGER, ANDRE, DE
[72] SCHOENE, WOLFRAM, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2007-11-28
[86] 2006-06-13 (PCT/EP2006/005670)
[87] (WO2006/133902)
[30] DE (10 2005 027 385.8) 2005-06-14

[11] **2,610,101**
[13] C

[51] **Int.Cl. H04B 7/26 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING BROADCAST DATA IN A MOBILE COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCEDE PERMETTANT DE TRANSMETTRE/RECEVOIR DES DONNEES DE DIFFUSION DANS UN SYSTEME DE COMMUNICATIONS MOBILE**

[72] KIM, YU-CHUL, KR
[72] KWON, HWAN-JOON, KR
[72] KIM, DONG-HEE, KR
[72] KIM, YOUN-SUN, KR
[72] HAN, JIN-KYU, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2007-11-28
[86] 2006-06-19 (PCT/KR2006/002343)
[87] (WO2006/135221)
[30] KR (10-2005-0052675) 2005-06-17
[30] KR (10-2005-0085452) 2005-09-13

[11] **2,610,154**
[13] C

[51] **Int.Cl. H04W 36/24 (2009.01) H04W 36/30 (2009.01)**

[25] EN

[54] **A METHOD OF PERFORMING ACTIONS RELATED TO HANDOVER BY A MOBILE STATION THAT IS IN POWER SAVING MODE IN A WIRELESS MOBILE COMMUNICATION SYSTEM**

[54] **PROCEDE POUR REALISER DES ACTIONS RELATIVES A UN TRANSFERT PAR UNE STATION MOBILE EN MODE ECONOMIQUE DANS UN SYSTEME MOBILE DE COMMUNICATION SANS FIL**

[72] RYU, KI SEON, KR
[72] KIM, BEOM JOON, KR
[73] LG ELECTRONICS INC., KR
[85] 2007-11-28
[86] 2006-03-10 (PCT/KR2006/000858)
[87] (WO2006/132469)
[30] KR (10-2005-0049097) 2005-06-09

[11] **2,610,298**
[13] C

[51] **Int.Cl. G02B 21/34 (2006.01) G01N 21/84 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RE-LOCATING AN OBJECT IN A SAMPLE ON A SLIDE WITH A MICROSCOPE IMAGING DEVICE**

[54] **SYSTEME ET PROCEDE PERMETTANT DE REIMPLANTER UN OBJET DANS UN ECHANTILLON SUR UNE LAME AU MOYEN D'UN DISPOSITIF D'IMAGERIE PAR MICROSCOPE**

[72] DOERRER, RAINER, DE
[73] TRIPATH IMAGING, INC., US
[85] 2007-11-30
[86] 2006-06-08 (PCT/IB2006/001518)
[87] (WO2006/134444)
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[25] EN
[54] **USING BOUNDARIES ASSOCIATED WITH A MAP VIEW FOR BUSINESS LOCATION SEARCHING**

[54] **UTILISATION DE FRONTIERES ASSOCIEES A UNE VUE DE CARTE POUR LA RECHERCHE DE ZONES D'ACTIVITES**

[72] O'CLAIR, BRIAN, US
[73] GOOGLE INC., US
[85] 2007-11-27
[86] 2006-05-26 (PCT/US2006/020434)
[87] (WO2006/130462)
[30] US (11/139,032) 2005-05-27

[11] **2,610,638**
[13] C

[51] **Int.Cl. A61K 31/165 (2006.01) A61P 43/00 (2006.01)**

[25] FR
[54] **USE OF AGOMELATINE TO OBTAIN DRUGS INTENDED FOR THE TREATMENT OF SMITH-MAGENIS SYNDROME**

[54] **UTILISATION DE L'AGOMELATINE POUR L'OBTENTION DE MEDICAMENTS DESTINES AU TRAITEMENT DU SYNDROME DE SMITH MAGENIS**

[72] MOCAER, ELISABETH, FR
[72] FABIANO, AGNES, IT
[73] LES LABORATOIRES SERVIER, FR
[86] (2610638)
[87] (2610638)
[22] 2007-11-23
[30] FR (06/10296) 2006-11-24

[11] **2,610,711**
[13] C

[51] **Int.Cl. A23L 1/29 (2006.01) A23C 9/20 (2006.01) A23L 1/308 (2006.01) A61K 31/702 (2006.01) A61K 31/716 (2006.01) A61P 1/00 (2006.01)**

[25] EN
[54] **USE OF POLYDEXTROSE FOR SIMULATING THE FUNCTIONAL ATTRIBUTES OF HUMAN MILK OLIGOSACCHARIDES IN FORMULA-FED INFANTS**

[54] **UTILISATION DE LA POLYDEXTROSE POUR SIMULER LES CARACTERISTIQUES FONCTIONNELLES DES OLIGOSACCHARIDES DU LAIT MATERNEL, POUR DES BEBES ALLAITES ARTIFICIELLEMENT**

[72] PETSCHOW, BRYON W., US
[72] MCMAHON, ROBERT J., US
[72] GIBSON, GLENN R., GB
[72] RASTALL, ROBERT A., GB
[72] GEMMELL, RENIA, GB
[72] SAARELA, MARIA, FI
[72] AURA, ANNA-MARJA, FI
[73] MJN U.S. HOLDINGS LLC, US
[85] 2007-11-30
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[72] NICOLAS, FREDERIC, GB

[73] DYSON TECHNOLOGY LIMITED, GB

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[54] **LIQUIDE IONIQUE CONTENANT UN CATION PHOSPHONIUM AYANT UNE LIAISON P-N ET SON PROCEDE DE PRODUCTION**
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[72] LIM, HYOUNG-KYU, KR
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[54] **COMPOSITIONS PHARMACEUTIQUES A LIBERATION PROLONGEE COMPRENANT DE LA LIOTHYRONINE OU DU SEL DE SODIUM DE LIOTHYRONINE**
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[73] LAICA S.P.A., IT
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[30] EP (06015200.6) 2006-07-21

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[73] QUALCOMM INCORPORATED, US
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[72] LANINGHAM, JOY LYNN, US
[72] HUDNALL, PHILLIP MONTGOMERY, US
[72] CLINE, SHARON METCALF, US
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[73] JFE STEEL CORPORATION, JP
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[72] DIEP, NHUT M., US
[72] GORAL, DAVID J., US
[72] KING, ALAN D., US
[72] KOEHLER, THOMAS T., US
[73] SMITHS MEDICAL ASD, INC., US
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[54] **ENCEINTE ET PROJECTEUR LASER PORTABLE**
[72] VAN AVERY, JAMES C., US
[72] IRWIN, KENNETH E., III, US
[72] SOLECKI, PAUL G., US
[72] PANERGO, REYNOLD R., US
[73] THE BOEING COMPANY, US
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[54] **METHODE ET APPAREIL PERMETTANT DES REGLAGES DE COMPENSATEUR AUDIO CHOISIS PAR L'UTILISATEUR POUR COMMUNICATIONS VOCALES**
[72] SIMMONS, SEAN BARTHOLOMEW, CA
[72] FORRESTER, CHRISTOPHER M., CA
[72] RANTA, CRAIG ERIC, CA
[72] HANSSON, PER MAGNUS FREDRIK, CA
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[72] PURVIS, LEE, CA
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[54] **DERIVES DE THIADIAZOLE
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[72] GRIFFIOEN, GERARD, BE
[72] COUPET, KRISTEL MARIE EDITH,
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[72] DUHAMEL, HEIN ROGER, BE
[72] WERA, STEFAAN, BE
[72] GOMME, ELLEN, BE
[72] VAN DAMME, NELE, BE
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[54] **GENERATEUR DE VAPEUR A
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[73] HYDROFLAME TECHNOLOGIES,
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[54] **METHOD FOR TELEOPERATING
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AND SUCH A GROUND VEHICLE**
[54] **PROCEDE DE TELECOMMANDE
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AND ACRYLAMIDE POLYMERS
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AGRICULTURAL AND
INDUSTRIAL SETTINGS**
[54] **POLYMERES D'ACIDES AMINES,
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[72] SIKES, C. STEVEN, US
[72] HOCHWALT, MARK A., US
[72] SIKES, T. DANIEL, US
[73] AQUERO COMPANY, LLC, US
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[72] LABUDZINSKI, STEVE, US
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[72] KUBOTA, NOBUO, JP
[72] TOMIYAMA, SUSUMU, JP
[72] KOBAYASHI, HIROKAZU, JP
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[73] POLA PHARMA INC., JP
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[72] PAPA VASSILIOU, VASILIS, US
[72] CECULA, SHAWN MICHAEL, US
[72] PACOULOUTE, PERRY, US
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[73] NOKIA CORPORATION, FI
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[54] **NOUVELLE SYNTHESE D'HYDROXYMETHYLPHENOLS SUBSTITUES**
[72] BROWNE, ROISIN, IE
[72] KILKELLY, MICHAEL, IE
[73] SCHWARZ PHARMA LTD., IE
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[54] **PROCEDE DE PRODUCTION D'UN COMPOSE DISULFONATE DE METHYLENE**
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[72] KAGANO, HIROKAZU, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[54] **METHOD AND APPARATUS FOR DETERMINING FORMATION RESISTIVITY AHEAD OF THE BIT AND AZIMUTHAL AT THE BIT**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE LA RESISTIVITE DE LA FORMATION EN AVAL DE L'OUTIL DE COUPE ET AZIMUTALEMENT AU NIVEAU DE CET OUTIL**
[72] GOREK, MATTHIAS, DE
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[54] **COMMUNICATION EN SEMI-DUPLEX DANS UN SYSTEME DUPLEX PAR REPARTITION EN FREQUENCE**

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[72] KHANDEKAR, AAMOD, US
[73] QUALCOMM INCORPORATED, US
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[72] KHANDEKAR, AAMOD, US
[73] QUALCOMM INCORPORATED, US
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[54] **TOMOGRAPHIE DE REFLEXIONS SOUS LE NIVEAU DU SEL ET IMAGERIE PAR PROFIL SISMIQUE VERTICAL A DEPORTS CROISSANTS**

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[72] JACKSON, JAMES C., US
[73] VSFUSION, LLC, US
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[25] EN
[54] **COOLANT CIRCULATING APPARATUS, AND COOLING APPARATUS INCLUDING THE SAME COOLANT CIRCULATING APPARATUS FOR ELECTRIC AND/OR ELECTRONIC DEVICE WHICH GENERATES HEAT**

[54] **APPAREILLAGE DE CIRCULATION DE LIQUIDE DE REFROIDISSEMENT, ET DISPOSITIF DE REFROIDISSEMENT COMPRENANT LE MEME APPAREILLAGE DE CIRCULATION POUR DISPOSITIF ELECTRIQUE ET/OU ELECTRONIQUE GENERANT DE LA CHALEUR**

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[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **PIPERIDINO PHENYLOXAZOLIDINONES SUBSTITUEES**

[72] PATEL, MAHESH VITHALBHAI, IN
[72] PHANSALKAR, MAHESH, IN
[72] PATIL, VIJAYKUMAR JAGDISHWAR, IN
[72] SINDKHEDKAR, MILIND DATTATRAYA, IN
[72] DESHPANDE, PRASAD KESHAV, IN
[73] WOCKHARDT LTD, IN
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[72] MEIS, JAMES R., US
[72] CYGAN, ROBERT J., US
[72] LUND, LEE R., US
[72] RICE, FRANKLIN R., US
[72] MADSON, KENT A., US
[72] TEMPLE, GREGG R., US
[72] MOFFETT, MATTHEW J., US
[73] THE MEYERS PRINTING COMPANIES, INC., US
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[54] **COMPOSITIONS ORALES PERMETTANT D'ELIMINER EFFICACEMENT LES TACHES SUR LES DENTS**
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[73] WM. WRIGLEY JR. COMPANY, US
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[54] **REDUCTION DES ERREURS PENDANT LE CALCUL DE TRANSFORMEE EN COSINUS DISCRETE INVERSE**
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[72] REZNIK, YURIY, US
[73] QUALCOMM INCORPORATED, US
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[30] US (60/841,362) 2006-08-30
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[54] **PARTIE MEDIANE INFERIEURE DE CARROSSERIE DE VEHICULE**
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[73] DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT, DE
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[30] DE (10 2008 009 804.3) 2008-02-19

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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING MOBILE DRIVE UNITS**
[54] **SYSTEME ET PROCEDE DE GESTION D'UNITES DE COMMANDE MOBILES**
[72] D'ANDREA, RAFFAELLO, US
[72] WURMAN, PETER R., US
[72] BARBEHENN, MICHAEL T., US
[72] HOFFMAN, ANDREW E., US
[72] MOUNTZ, MICHAEL C., US
[73] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR TRANSPORTING INVENTORY ITEMS**
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[54] **CHILDREN'S RIDE-ON VEHICLES
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[54] **SYSTEM FOR REALIZING ROTOR VARIABLE FREQUENCY SPEED CONTROL ASYNCHRONOUSLY AND SIMULTANEOUSLY BY DRIVING MULTIPLE MOTORS VIA ONE INVERTER**
[54] **SYSTEME PERMETTANT DE REALISER LA COMMANDE DE VITESSE A FREQUENCE VARIABLE DE ROTOR DE MANIERE ASYNCHRONE ET SIMULTANEE PAR L'ENTRAINEMENT DE MULTIPLES MOTEURS AU MOYEN D'UN CONVERTISSEUR**
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[54] **PROCEDE ET APPAREIL DE MISE A L'ECHELLE DYNAMIQUE DE FREQUENCES DE BOUCLES A ASSERVISSEMENT DE PHASE**
[72] DAI, LIANG, US
[72] LEWIS, BRANDON WAYNE, US
[72] BRIDGES, JEFFREY TODD, US
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[73] QUALCOMM INCORPORATED, US
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[54] **APPARATUS AND METHODS TO REDUCE CASTOUTS IN A MULTI-LEVEL CACHE HIERARCHY**
[54] **APPAREIL ET PROCEDES POUR REDUIRE DES PURGES DANS UNE HIERARCHIE DE MEMOIRE CACHE MULTINIVEAU**
[72] SPEIER, THOMAS PHILIP, US
[72] DIEFFENDERFER, JAMES NORRIS, US
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[54] **METHOD OF CONTROLLING THE CONVEYANCE OF PRODUCT IN UNDERGROUND MINING OPERATIONS**
[54] **PROCEDE DE COMMANDE DU TRANSPORT DES PRODUITS EN EXPLOITATION MINIERE SOUTERRAINE**
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[73] RAG AKTIENGESSELLSCHAFT, DE
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[73] AIRBUS OPERATIONS LIMITED, GB
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[72] ISHII, TAKAHITO, JP
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[54] **COUVERCLE POUR UN CONTENANT DE LIQUIDE CONSOMMABLE**
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[73] TRUDEAU CORPORATION 1889 INC., CA
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[54] **APPARATUS AND METHOD FOR MIMO TRANSMISSION WITH EXPLICIT AND IMPLICIT CYCLIC DELAYS**
[54] **APPAREIL ET METHODE PERMETTANT UNE TRANSMISSION MIMO AVEC DES RETARDS CYCLIQUES EXPLICITES ET IMPLICITES**
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[54] **PROMEDICAMENTS DE 1,3-DIOXANES SUBSTITUES ET LEURS UTILISATIONS**
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[54] **METHOD FOR DETACHMENT OF MS MOVING BETWEEN COMMUNICATION SYSTEMS**
[54] **PROCEDE DE DETACHEMENT D'UNE STATION MOBILE SE DEPLACANT ENTRE DES SYSTEMES DE COMMUNICATION**
[72] BU, BING, CN
[72] LI, XIAOQIANG, CN
[72] SUN, CHUNYING, CN
[72] WANG, HONG, CN
[72] XU, LIXIANG, CN
[72] ZHU, YANMIN, CN
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[54] **MULTIMEDIA ASSEMBLY WITH A PROGRAMMABLE UNIVERSAL REMOTE CONTROL UNIT AND METHOD OF PROGRAMMING A REMOTE CONTROL UNIT**
[54] **ENSEMBLE MULTIMEDIA AVEC UNITE DE COMMANDE A DISTANCE UNIVERSELLE PROGRAMMABLE ET METHODE DE PROGRAMMATION D'UNE UNITE DE COMMANDE A DISTANCE**
[72] MAIER, FERDINAND, AT
[73] FM MARKETING GMBH, AT
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[54] **METHODS OF TREATING A SECONDARY BONE TUMOR WITH ANTI-PDGFRALPHA ANTIBODIES**
[54] **ANTAGONISTES DE RECEPTEUR POUR LE TRAITEMENT DE CANCER OSSEUX METASTATIQUE**
[72] LOIZOS, NICK, US
[72] FATATIS, ALESSANDRO, US
[72] DOLLOFF, NATHAN GRAEME, US
[73] PHILADELPHIA HEALTH AND EDUCATION CORPORATION D/B/A DREXEL UNIVERSITY COLLEGE OF MEDICINE, US
[73] IMCLONE LLC, US
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[54] **COMPOSITION BICOUCHE DESTINEE A LA LIBERATION PROLONGEE D'ACETAMINOPHENE ET DE TRAMADOL**

[72] BICHARA, ALI, CA
[72] GERVAIS, SONIA, CA
[72] GOSEIN, SHIVA, CA
[72] LEGARREC, DOROTHEE, CA
[72] LEMAIRE, VINCENT, CA
[72] OUAJDI, PATRICIA, CA
[72] SANT, VINAYAK, CA
[72] SMITH, DAMON, CA
[72] TAGA, SAMIR, CA
[73] PALADIN LABS INC., CA
[73] PALADIN LABS EUROPE LIMITED, IE
[73] PALADIN LABS (BARBADOS) INC., BB

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[54] **ALIGNMENT FACILITIES FOR OPTICAL DYES**

[54] **SYSTEMES D'ALIGNEMENT DE COLORANTS OPTIQUES**

[72] KUMAR, ANIL, US
[72] FOLLER, PETER C., US
[72] SHAO, JIPING, US
[73] TRANSITIONS OPTICAL, INC., US
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[54] **INK CARRIERS CONTAINING LOW VISCOSITY FUNCTIONALIZED WAXES, PHASE CHANGE INKS INCLUDING SAME, AND METHODS FOR MAKING SAME**

[54] **ENCRIERS CONTENANT DES CIRES FONCTIONALISEES A FAIBLE VISCOSITE, ENCRE A CHANGEMENT DE PHASE COMPRENANT CES DERNIERES ET METHODES DE FABRICATION CONNEXES**

[72] GOREDEMA, ADELA, CA
[72] TUREK, CAROLINE M., CA
[72] WAGNER, CHRISTOPHER A., CA
[72] ALLEN, C. GEOFFREY, CA
[73] XEROX CORPORATION, US
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[54] **LOW SOLAR ABSORBING BLUE GLASS, SOLAR REFLECTING COATED BLUE GLASS, AND INSULATING UNIT HAVING A LOW SOLAR HEAT GAIN**

[54] **VERRE BLEU DE FAIBLE ABSORBANCE SOLAIRE, VERRE BLEU AVEC REVETEMENT REFLECHISSANT SOLAIRE, ET UNITE ISOLANTE DE FAIBLE GAIN THERMIQUE SOLAIRE**

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[72] MINER, GLENN T., US
[73] PPG INDUSTRIES OHIO, INC., US
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[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **SYSTEME ET PROCEDE PERMETTANT A UN VEHICULE DOTE D'UN GROUPE DE ROUES DE MONTER DES ESCALIERS**

[72] KAMEN, DEAN L., US
[72] AMBROGI, ROBERT, US
[72] DUGGAN, ROBERT J., US
[72] HEINZMANN, RICHARD K., US
[72] KEY, BRIAN R., US
[72] MORRELL, JOHN B., US
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[54] **ELEMENT DE MOTEUR POUR PROTECTION CONTRE LES FUITES**
[72] BENTLEY, ROY, CA
[73] BENTLEY, ROY, CA
[86] (2685164)
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[54] **SYSTEME DE PILE A COMBUSTIBLE AVEC DETECTION DE GAZ ANODIQUE INSUFFISANT**
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[54] **DISPOSITIF DE TRANSPORT IONIQUE ET MODES OPERATOIRES DE CELUI-CI**
[72] SENKO, MICHAEL W., US
[72] KOVTOUN, VIATCHESLAV V., US
[72] ATHERTON, PAUL R., US
[72] DUNYACH, JEAN JACQUES, US
[72] WOUTERS, ELOY R., US
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[72] SIEBERT, WILLIAM, US
[73] THERMO FINNIGAN LLC, US
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[30] US (12/125,013) 2008-05-21

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[54] **RECHARGEABLE BATTERY ASSEMBLY AND POWER SYSTEM USING SAME**
[54] **ENSEMBLE DE BATTERIES RECHARGEABLES ET SYSTEME D'ALIMENTATION UTILISANT CELUI-CI**
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[13] C

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[25] EN
[54] **METHOD AND DEVICE FOR SELECTING TRANSFORM MATRICES FOR DOWN-SAMPLING DCT IMAGE USING LEARNING WITH FORGETTING ALGORITHM**
[54] **PROCEDE ET DISPOSITIF POUR SELECTIONNER DES MATRICES DE TRANSFORMEE POUR SOUS-ECHANTILLONNER UNE IMAGE DCT A L'AIDE D'UN ALGORITHME D'APPRENTISSAGE AVEC OUBLI**
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[72] YANG, EN-HUI, CA
[72] WANG, HAIQUAN, CA
[73] RESEARCH IN MOTION LIMITED, CA
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[54] **RECIPIENT DE CHONDROCYTES ET PROCEDE D'UTILISATION**
[72] STORY, BROOKS J., US
[72] BINETTE, FRANCOIS, US
[72] BROWN, LIESBETH, US
[73] DEPUY MITEK, LLC, US
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[54] **METHOD AND APPARATUS FOR BEVERAGE FORMATION**
[54] **PROCEDE ET APPAREIL POUR FORMATION DE BOISSON**
[72] HUANG, JIANMING, US
[72] BRUDEVOLD, FINN, US
[73] KEURIG, INCORPORATED, US
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[62] 2,654,527
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[54] **APPLICATION POUR UNE COMPOSITION DE TRAITEMENT CAPILLAIRE**
[72] LUND, MARK THOMAS, GB
[72] SMITH, PAUL JAMES, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-12-09
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[25] EN
[54] **FUSION PROTEIN, MACROMOLECULE ASSEMBLED FROM THE FUSION PROTEIN, AND ITS USE IN THE PREVENTION OR TREATMENT OF HUMAN PAPILLOMAVIRUS RELATED DISEASES**
[54] **COMPOSE IMMUNOGENIQUE**
[72] CAO, YUNXU, CN
[73] SHANGHAI ZERUN-ANKEGENS BIOPHARMACEUTICAL CO., LTD, CN
[73] CAO, YUNXU, CN
[85] 2009-12-18
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[30] US (60/944,780) 2007-06-18
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[54] **MACHINE DE MOULAGE PAR INJECTION ET PROCEDE DE REGULATION DE MOULE**
[72] CHIANG, CHENYUEN, CN
[73] CHEN HSONG ASSET MANAGEMENT LIMITED, CN
[85] 2009-12-18
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[54] **METHOD AND APPARATUS FOR AN ADAPTIVE DE-JITTER BUFFER**
[54] **PROCEDE ET APPAREIL DESTINES A UN TAMPON SUPPRESSEUR DE GIGUE ADAPTATIF**
[72] BLACK, PETER JOHN, US
[72] KAPOOR, ROHIT, US
[72] SPINDOLA, SERAFIN DIAZ, US
[72] YAVUZ, MEHMET, US
[73] QUALCOMM INCORPORATED, US
[86] (2691959)
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[22] 2005-08-30
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[54] **TREATMENT FLUIDS COMPRISING CLARIFIED XANTHAN AND ASSOCIATED METHODS**
[54] **FLUIDES DE TRAITEMENT COMPRENANT DU XANTHANE CLARIFIE ET PROCEDES ASSOCIES**
[72] WELTON, THOMAS D., US
[72] SANDERS, MICHAEL W., US
[72] BEACH, SEAN R., US
[72] MUNDY, JEFFREY L., US
[72] PAULS, RICHARD W., US
[72] HARRIS, PHILLIP C., US
[72] HEATH, STANLEY J., US
[72] MCMECHAN, DAVID EUGENE, US
[72] WALTERS, HAROLD G., US
[72] PARKINSON, CHRISTINA A., US
[72] BRYANT, JASON E., US
[72] MUNOZ, TRINIDAD, JR., US
[72] SAINI, RAJESH K., US
[72] BURNS, BOBBY J., US
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[25] EN

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[54] **PYLONE MONOTUBE ET GENERATEUR EOLIEN A PYLONE MONOTUBE**

[72] MURATA, HAJIME, JP

[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

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[86] 2009-12-25 (PCT/JP2009/071577)

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[54] **APPAREIL DE MESURE DE QUANTITE PHYSIQUE UTILISANT LA REFLECTOMETRIE DU DOMAINE DE FREQUENCES OPTIQUES ET METHODE DE MESURE DE LA TEMPERATURE ET DES CONTRAINTES A L'AIDE DE L'APPAREIL**

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[54] **PROCEDE ET APPAREIL DE COMMANDE DE LA PUISSANCE D'UN SYSTEME D'ALERTE DE LA POPULATION**

[72] ANDERSEN, NIELS PETER SKOV, US

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[54] **TOLE D'ACIER GALVANISE**

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[72] YOSHIMI, NAOTO, JP

[72] TADA, MASAHIKO, JP

[72] OOTSUKA, SHINJI, JP

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[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDES ET FORMULATIONS POUR CONVERTIR DES MEDICAMENTS INTRAVEINEUX ET INJECTABLES EN DES FORMES DE DOSAGE ORALES**
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[54] **PACKAGING MACHINES AND METHODS**
[54] **MACHINE A EMBALLER ET METHODES CONNEXES**
[72] SHACKELFORD, DARYL W., US
[72] BONNEVILLE, CRAIG R., US
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[54] **OLIGOSILOXANE-MODIFIED LIQUID CRYSTAL FORMULATIONS AND DEVICES USING SAME**

[54] **FORMULATIONS DE CRISTAUX LIQUIDES MODIFIEES PAR OLIGOSILOXANE ET DISPOSITIFS LES UTILISANT**

[72] HANNINGTON, JONATHAN PAUL, US
[72] CLAPP, TERRY VICTOR, GB
[72] NISHIDA, FUMITO, US
[72] KING, RUSSELL KEITH, US
[72] FAROOQ, OMAR, US
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[54] **LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION**

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[72] VANDEN EYNDEN, JAMES G., US
[73] LSI INDUSTRIES, INC., US
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[54] **IMAGE GENERATION METHOD AND APPARATUS, PROGRAM THEREFOR, AND STORAGE MEDIUM WHICH STORES THE PROGRAM**

[54] **PROCEDE DE GENERATION D'IMAGE, DISPOSITIF ASSOCIE, SON PROGRAMME ET SUPPORT D'ENREGISTREMENT DU PROGRAMME**

[72] KIMATA, HIDEAKI, JP
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[72] KAMIKURA, KAZUTO, JP
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[54] **FACTEUR DERIVE DE L'EPITHELIUM PIGMENTAIRE: CARACTERISATION, ORGANISATION GENOMIQUE ET SEQUENCE DE SON GENE**

[72] CHADER, GERALD J., US
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[72] TANIWAKI, TAKAYUKI, US
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[54] **METHOD AND SYSTEM FOR THE SMALL-SCALE PRODUCTION OF LIQUIFIED NATURAL GAS (LNG) FROM LOW-PRESSURE GAS**

[54] **PROCEDE ET SYSTEME DE PRODUCTION A PETITE ECHELLE D'UN GAZ NATUREL LIQUEFIE (GNL) A PARTIR D'UN GAZ BASSE PRESSION**

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[54] **MULTI-COMPONENT SYNTHETIC CLOSURE AND METHOD OF MANUFACTURE**

[54] **BOUCHON SYNTHETIQUE A PLUSIEURS COMPOSANTS ET SON PROCEDE DE FABRICATION**

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[54] **ENHANCED METHOD FOR DETECTING AND/OR QUANTIFYING AN ANALYTE IN A SAMPLE**

[54] **PROCEDE AMELIORE DE DETECTION ET/OU DE QUANTIFICATION D'UN ANALYTE DANS UN ECHANTILLON**

[72] BADAL, YOUSOUF, US

[72] CHENNA, AHMED, US

[72] TAHIR, SYED HASAN, US

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[54] **REMOTEC CONTROL SYSTEM WITH MAGNETICALLY-ATTACHED COVER LID**

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[72] MAIER, FERDINAND, AT

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[54] **SYSTEME DE SYNCHRONISATION TEMPORELLE ET PROCEDE DE SYNCHRONISATION TEMPORELLE DANS UN TRAIN**

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[72] MO, RYUYA, JP

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[54] **PORTE D'ENTREE DE TRIEUSE DE BETAIL**

[72] WURTZ, HENRY J., US

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[54] **VERTICAL TYPE VACUUM PACKING MACHINE**

[54] **MACHINE DE CONDITIONNEMENT SOUS VIDE VERTICALE**

[72] GUO, SHENG-NAN, TW

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[54] **PEELER WITH SELF-ADJUSTING ROLLERS**

[54] **ECROUTEUSE AVEC CYLINDRES DE LAMINAGE DE TUBES SANS SOUDURE**

[72] WIMBERLY, JAMES, JR., US

[73] LAITRAM, L.L.C., US

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[54] **HIGH VOLUME LIQUID WASTE COLLECTION AND DISPOSAL SYSTEM**

[54] **SYSTEME DE COLLECTE ET D'EVACUATION DE DECHETS LIQUIDES A VOLUME ELEVE**

[72] DUNN, JAMES L., US

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[54] **JOINT POUR UNE ARTICULATION A LEVRE DE NIVELEUR DE QUAI**

[72] DIGMANN, CHARLES J., US

[72] DROULLARD, JACK T., US

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[54] **GUIDE METALLIQUE A EXTREMITE EN BOUCLE COMPORTANT UN MANCHON EXTERIEUR**
[72] HARDIN, DAVID M., JR., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **DISPOSITIF DE DISTRIBUTION DE PARTICULES DANS UN FLUIDE ET PROCEDE CORRESPONDANT**
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[54] **SINGLE COMPONENT INTAKE/EXHAUST VALVE MEMBER, FUEL DISTRIBUTION SYSTEM, AND COOLING SYSTEM FOR COMBUSTION-POWERED FASTENER-DRIVING TOOL**
[54] **ELEMENT DE SOUPEPE D'ADMISSION/ECHAPPEMENT MONOCOMPOSANT, SYSTEME DE DISTRIBUTION DE CARBURANT ET SYSTEME DE REFROIDISSEMENT POUR OUTIL D'ENTRAINEMENT DE FIXATION A MOTEUR A COMBUSTION**
[72] ADAMS, JOSEPH S., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2010-07-02
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[54] **COMBUSTION CHAMBER AND COOLING SYSTEM FOR FASTENER-DRIVING TOOLS**
[54] **CHAMBRE DE COMBUSTION ET SYSTEME DE REFROIDISSEMENT POUR DES OUTILS D'ENTRAINEMENT DE FIXATION**
[72] ADAMS, JOSEPH S., US
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[54] **FORMING DEVICE FOR THIXOEXTRUSION AND METHOD THEREOF**
[54] **DISPOSITIF DE FORMAGE POUR THIXOEXTRUSION ET PROCEDE ASSOCIE**
[72] KIM, SHAE KWANG, KR
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[51] **Int.Cl. F23C 5/32 (2006.01) F23C 9/00 (2006.01) F23D 1/02 (2006.01) F23L 7/00 (2006.01) F23N 5/00 (2006.01) F24H 3/12 (2006.01)**

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[54] **A FURNACE SYSTEM WITH INTERNAL FLUE GAS RECIRCULATION**

[54] **SYSTÈME DE FOUR AVEC RECIRCULATION INTERNE DU GAZ DE COMBUSTION**

[72] KANG, SHIN G., US

[72] LEVASSEUR, ARMAND A., US

[72] TUREK, DAVID G., US

[73] ALSTOM TECHNOLOGY LTD, CH

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[87] (WO2009/158465)

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[30] US (12/490,818) 2009-06-24

[11] **2,729,055**
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[51] **Int.Cl. H04W 48/08 (2009.01) H04W 72/04 (2009.01)**

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[54] **METHOD OF ASSIGNING A PROVISIONAL IDENTIFICATION TO A SUBSCRIBER UNIT AND A GROUP**

[54] **PROCÉDE D'AFFECTATION D'UNE IDENTIFICATION PROVISOIRE À UNE UNITÉ D'ABONNÉ ET À UN GROUPE**

[72] POE, BRIAN R., US

[72] MAHER, JOHN W., US

[72] MCDONALD, DANIEL J., US

[73] MOTOROLA SOLUTIONS, INC., US

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[11] **2,729,170**
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[54] **FURNACE AND PROCESS FOR INCINERATING A DECOKE EFFLUENT IN A TWIN-TUBE-PLANE FURNACE**

[54] **FOUR ET PROCÉDE POUR L'INCINÉRATION D'UN EFFLUENT DE DECOKAGE DANS UN FOUR PLAN À DEUX TUBES**

[72] SPICER, DAVID B., US

[72] SCHERER, CALEB M., US

[73] EXXONMOBIL CHEMICAL PATENTS INC., US

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[25] EN
[54] **SOLID OXIDE FUEL CELL WITH TRANSITIONED CROSS-SECTION FOR IMPROVED ANODE GAS MANAGEMENT AT THE OPEN END**
[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE AVEC COUPE DE TRANSITION POUR GESTION DE GAZ D'ANODE AMELIOREE A L'EXTREMITE OUVERTE**
[72] ZAFRED, PAOLO R., US
[72] DRAPER, ROBERT, US
[73] SIEMENS ENERGY, INC., US
[85] 2011-01-06
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[30] US (12/169,261) 2008-07-08

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[25] EN
[54] **METHOD OF MANUFACTURE OF SUSTAINED-RELEASE FORMULATION COMPOSITION**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DE PREPARATION A LIBERATION PROLONGEE**
[72] ENDO, YOSHIHISA, JP
[72] NAKAMURA, YOSHIO, JP
[72] FUKUHARA, SHINYA, JP
[73] NIPPON SODA CO., LTD., JP
[85] 2011-01-07
[86] 2009-07-07 (PCT/JP2009/003154)
[87] (WO2010/004730)
[30] JP (2008-181653) 2008-07-11

[11] **2,731,651**
[13] C

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[25] EN
[54] **AUTOMATIC POLLUTION-FREE ENERGY GENERATION DEVICE FOR TRANSPORT**
[54] **DISPOSITIF DE PRODUCTION D'ENERGIE AUTOMATIQUE ET NON POLLUANT POUR MOYEN DE TRANSPORT**
[72] CHEN, CHUNG-HSIEN, NZ
[73] HOLYMA LIMITED, NZ
[86] (2731651)
[87] (2731651)
[22] 2011-02-15

[11] **2,733,532**
[13] C

[51] **Int.Cl. B01F 3/08 (2006.01) A61K 8/00 (2006.01)**
[25] EN
[54] **PROCESSING SYSTEM FOR ORAL CARE COMPOSITIONS**
[54] **SYSTEME DE TRAITEMENT POUR DES COMPOSITIONS DE SOINS BUCCAUX**
[72] BERTA, JAMES ALBERT, US
[72] HOWE, DAVID SCOTT, US
[72] FARREN, DAVID MICHAEL, US
[72] MILLER, STEVE PAUL, US
[72] DE LA HARPE, SHANE MICHAEL, GB
[72] DEISTER, VOLKER BERNHARD, DE
[72] CULLINANE, JEFF TIMOTHY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2011-02-08
[86] 2009-08-24 (PCT/US2009/054719)
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[13] C

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[25] EN
[54] **MULTI-CURE COMPOSITIONS COMPRISING POLYTHIOL**
[54] **COMPOSITIONS A DURCISSEMENTS MULTIPLES COMPRENANT DU POLYTHIOL**
[72] THOMAS, STEPHEN J., US
[72] BOWMAN, MARK P., US
[72] MONTANARI, VITTORIO, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2011-03-01
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[11] **2,736,066**
[13] C

[51] **Int.Cl. C08F 220/48 (2006.01) C08F 226/10 (2006.01) C08J 5/22 (2006.01) C25B 9/10 (2006.01) C25B 13/08 (2006.01) H01M 2/14 (2006.01) H01M 2/16 (2006.01) H01M 8/00 (2006.01)**
[25] EN
[54] **HYDROPHILIC POLYMERS AND THEIR USE IN ELECTROCHEMICAL CELLS**
[54] **POLYMERES HYDROPHILES ET LEUR UTILISATION DANS DES CELLULES ELECTROCHIMIQUES**
[72] HIGHGATE, DONALD JAMES, GB
[73] ITM POWER (RESEARCH) LIMITED, GB
[86] (2736066)
[87] (2736066)
[22] 2002-09-09
[62] 2,459,340
[30] GB (0121714.0) 2001-09-07
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[54] **HAMMER TACKER**
[54] **MARTEAU CLOUEUR**
[72] HU, CHIH-WEI, TW
[72] LIAO, QI-FU, TW
[73] APEX MFG. CO., LTD., TW
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[87] (2736648)
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[30] TW (099110709) 2010-04-07

[11] **2,739,218**
[13] C

[51] **Int.Cl. B23Q 1/25 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR HOLDING A TRACK TO A BASE**
[54] **SYSTEME, PROCEDE ET APPAREIL SERVANT A ASSUJETTIR UN RAIL A UNE BASE**
[72] WATSON, NIGEL S., US
[73] BISHOP-WISECARVER CORPORATION, US
[85] 2011-04-28
[86] 2009-12-22 (PCT/US2009/069289)
[87] (WO2011/087468)
[30] US (12/643,785) 2009-12-21

[11] **2,740,384**
[13] C

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[25] EN
[54] **FRAMELESS, HEATED WIPER ASSEMBLY AND SYSTEM UTILIZING SAME**
[54] **ENSEMBLE ESSUIE-GLACE CHAUFFE, SANS ARCEAU ET SYSTEME UTILISANT CE DERNIER**
[72] MALONE, RANDOLPH W., US
[73] HWB, LLC, US
[85] 2011-04-12
[86] 2008-10-13 (PCT/US2008/079684)
[87] (WO2010/044768)

[11] ***2,740,946**
[13] C

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[25] EN
[54] **SAFETY EVACUATION SYSTEM FOR DRIVERS AND PASSENGERS OF GROUND AND WATER VEHICLES**
[54] **SYSTEME D'EVACUATION SECURITAIRE POUR CONDUCTEURS ET PASSAGERS DE VEHICULES TERRESTRES ET MARINS**
[72] STUKANOV, IGOR, CA
[73] STUKANOV, IGOR, CA
[86] (2740946)
[87] (2740946)
[22] 2011-05-16

[11] **2,741,113**
[13] C

[51] **Int.Cl. B62D 1/04 (2006.01) B62D 1/11 (2006.01)**
[25] EN
[54] **STEERING WHEEL ARMATURE WEIGHT**
[54] **POIDS D'EQUILIBRAGE D'ARMATURE DE VOLANT DE DIRECTION**
[72] KOLLMANN, STEVEN, US
[72] PETRILLO, GIUSEPPE, US
[73] INVENTIX MANUFACTURING, LLC, US
[86] (2741113)
[87] (2741113)
[22] 2011-05-25
[30] US (12/885,014) 2010-09-17

[11] **2,742,102**
[13] C

[51] **Int.Cl. B60P 3/22 (2006.01) B60P 3/00 (2006.01) B65D 88/00 (2006.01)**
[25] EN
[54] **HORIZONTAL MIXING TRAILER SYSTEM**
[54] **SYSTEME DE REMORQUE DE MELANGE HORIZONTAL**
[72] DORON, DANIEL A., US
[72] DORON, LEO S., US
[73] DORON, DANIEL A., US
[73] DORON, LEO S., US
[85] 2011-04-28
[86] 2009-11-03 (PCT/US2009/063157)
[87] (WO2010/062772)
[30] US (61/110,626) 2008-11-03

[11] **2,742,132**
[13] C

[51] **Int.Cl. A44B 11/26 (2006.01) A44B 11/25 (2006.01)**
[25] EN
[54] **QUICK RELEASE BUCKLE**
[54] **BOUCLE A DECLENCHEMENT RAPIDE**
[72] HOWELL, FRANK A., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2742132)
[87] (2742132)
[22] 2007-03-30
[62] 2,637,570
[30] US (11/415,058) 2006-05-01

[11] **2,742,361**
[13] C

[51] **Int.Cl. C08G 63/08 (2006.01) A61K 47/34 (2006.01) C08G 63/90 (2006.01)**
[25] EN
[54] **HIGHLY PURIFIED POLYLACTIC ACID OR A DERIVATIVE THEREOF, A SALT OF THE SAME, AND PURIFICATION METHOD THEREOF**
[54] **ACIDE POLYLACTIQUE EXTREMEMENT PUR OU SON DERIVE, SON SEL ET METHODE DE PURIFICATION ASSOCIEE**
[72] KIM, BONG OH, KR
[72] SEO, MIN HYO, KR
[73] SAMYANG BIOPHARMACEUTICALS CORPORATION, KR
[85] 2011-05-02
[86] 2009-06-23 (PCT/KR2009/003366)
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[30] KR (10-2008-0110348) 2008-11-07

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[25] EN

[54] **RETURN PULSE SHAPE ANALYSIS FOR FALLING EDGE OBJECT DISCRIMINATION OF AEROSOL LIDAR**

[54] **ANALYSE DE LA FORME D'UNE IMPULSION DE RETOUR POUR LA DISCRIMINATION PAR FRONTS DESCENDANTS D'OBJETS DANS UN AEROSOL LIDAR**

[72] ZHU, XIANG, CA
[72] GAGNON, STEPHANE LOUIS, CA
[73] NEPTEC DESIGN GROUP LTD., CA
[85] 2011-05-04
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[87] (WO2010/051615)

[11] **2,743,238**
[13] C

[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **LIQUID DRUG MEDICAL DEVICES AND NEEDLE SHIELD REMOVAL DEVICE**

[54] **DISPOSITIFS MEDICAUX POUR MEDICAMENTS LIQUIDES ET DISPOSITIF D'ENLEVEMENT DE PROTECTION D'AIGUILLE**

[72] ZINGER, FREDDY, IL
[72] DENENBURG, IGOR, IL
[73] MEDIMOP MEDICAL PROJECTS LTD., IL
[86] (2743238)
[87] (2743238)
[22] 2005-04-06
[62] 2,563,643
[30] IL (161660) 2004-04-29
[30] US (60/587550) 2004-07-14
[30] US (60/589568) 2004-07-21

[11] **2,744,096**
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) C07H 21/00 (2006.01) C07K 14/47 (2006.01) C07K 14/82 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **BIOMARKERS AND TARGETS FOR DIAGNOSIS, PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE**

[54] **BIOMARQUEURS ET CIBLES DE DIAGNOSTIC, DE PRONOSTIC ET DE TRAITEMENT DU CANCER DE LA PROSTATE**

[72] VELTRI, ROBERT, US
[72] O'HARA, S. MARK, US
[72] AN, GANG, US
[72] RALPH, DAVID, US
[73] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
[86] (2744096)
[87] (2744096)
[22] 1996-07-31
[62] 2,262,403

[11] **2,744,582**
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[54] **LOCK WITH PIN TUMBLERS AND LEVER TUMBLERS**

[54] **VERROU AVEC GOUPILLE ET GORGE**

[72] DAUGHERTY, EUGENE F., US
[73] SOUTHERN FOLGER DETENTION EQUIPMENT COMPANY, LLC, US
[86] (2744582)
[87] (2744582)
[22] 2011-06-28
[30] US (13/089,768) 2011-04-19

[11] **2,744,873**
[13] C

[51] **Int.Cl. H04W 64/00 (2009.01) H04W 4/02 (2009.01)**

[25] EN

[54] **POSITIONING FOR WLANS AND OTHER WIRELESS NETWORKS**

[54] **LOCALISATION DANS DES RESEAUX LOCAUX SANS FIL ET DANS D'AUTRES RESEAUX SANS FIL**

[72] EDGE, STEPHEN W., US
[73] QUALCOMM INCORPORATED, US
[86] (2744873)
[87] (2744873)
[22] 2006-11-07
[62] 2,627,515
[30] US (60/734,631) 2005-11-07
[30] US (60/748,225) 2005-12-06
[30] US (60/856,684) 2006-11-04

[11] **2,744,874**
[13] C

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[25] EN

[54] **POSITIONING FOR WLANS AND OTHER WIRELESS NETWORKS**

[54] **LOCALISATION DANS DES RESEAUX LOCAUX SANS FIL ET DANS D'AUTRES RESEAUX SANS FIL**

[72] EDGE, STEPHEN W., US
[73] QUALCOMM INCORPORATED, US
[86] (2744874)
[87] (2744874)
[22] 2006-11-07
[62] 2,627,515
[30] US (60/734,631) 2005-11-07
[30] US (60/748,225) 2005-12-06
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[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO WOUND TREATMENT APPARATUS**

[54] **AMELIORATIONS A UN APPAREIL DE TRAITEMENT DE PLAIE OU S'Y RAPPORTANT**

[72] CHEWINS, JOHN GEORGE, GB

[72] HUNT, ALLAN KENNETH FRAZER GRUGON, GB

[73] BIOQUELL UK LIMITED, GB

[85] 2011-05-27

[86] 2010-03-08 (PCT/GB2010/000406)

[87] (WO2010/100439)

[30] GB (0903950.4) 2009-03-06

[11] **2,745,909**
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[51] **Int.Cl. F03B 13/18 (2006.01) F03B 13/10 (2006.01)**

[25] EN

[54] **SYSTEM FOR CONVERSION OF AQUATIC WAVE ENERGY INTO ELECTRICAL ENERGY**

[54] **SYSTEME DE CONVERSION D'ENERGIE HOULOMOTRICE EN ENERGIE ELECTRIQUE**

[72] DRAGIC, MILE, RS

[73] DRAGIC, MILE, RS

[85] 2011-06-01

[86] 2008-12-10 (PCT/IB2008/003418)

[87] (WO2010/067137)

[11] **2,752,741**
[13] C

[51] **Int.Cl. C21D 8/10 (2006.01) C22C 38/00 (2006.01) C22C 38/28 (2006.01) C22C 38/32 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING SEAMLESS PIPES**

[54] **PROCEDE POUR PRODUIRE UN TUYAU EN ACIER SANS SOUDURE**

[72] KONDO, KEIICHI, JP

[72] ABE, TOSHIHARU, JP

[72] KONDO, KUNIO, JP

[72] YANO, YUICHI, JP

[72] ARAI, YUJI, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2011-08-16

[86] 2010-03-30 (PCT/JP2010/055713)

[87] (WO2010/113953)

[30] JP (2009-082700) 2009-03-30

[11] **2,753,508**
[13] C

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[25] EN

[54] **TRACING A DOCUMENT IN AN ELECTRONIC PUBLICATION**

[54] **PROCEDE DE REPERAGE D'UN DOCUMENT A L'INTERIEUR D'UNE PUBLICATION**

[72] HENAFF, GUY LE, CA

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[86] (2753508)

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[22] 2011-09-23

[11] **2,762,903**
[13] C

[51] **Int.Cl. A61F 2/08 (2006.01)**

[25] EN

[54] **MECHANICALLY COMPETENT SCAFFOLD FOR LIGAMENT AND TENDON REGENERATION**

[54] **ECHAFAUDAGE MECANIQUEMENT COMPETENT POUR REGENERATION DE LIGAMENT ET DE TENDON**

[72] LAURENCIN, CATO T., US

[72] ARONSON, MARK T., US

[72] NAIR, LAKSHMI SREEDHARAN, US

[73] SOFT TISSUE REGENERATION, INC., US

[85] 2011-11-21

[86] 2009-12-30 (PCT/US2009/069809)

[87] (WO2010/134943)

[30] US (61/180,732) 2009-05-22

[30] US (61/181,033) 2009-05-26

[11] **2,763,632**
[13] C

[51] **Int.Cl. A61L 27/06 (2006.01)**

[25] EN

[54] **ORTHOPEDIC PROSTHESIS WITH MODIFIED MICROSTRUCTURE OF TITANIUM ALLOY**

[54] **METHODE POUR MODIFIER LA MICROSTRUCTURE D'ALLIAGES DE TITANE A DES FINS DE FABRICATION DE PROTHESES ORTHOPEDIQUES ET LES PRODUITS AINSI OBTENUS**

[72] BHAMBRI, SUSHIL K., US

[73] ZIMMER, INC., US

[86] (2763632)

[87] (2763632)

[22] 2007-04-24

[62] 2,585,908

[30] US (60/745,917) 2006-04-28

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[25] EN

[54] **VEGETABLE OIL HAVING ELEVATED STEARIC ACID CONTENT**

[54] **HUILES VEGETALES RICHES EN ACIDE STEARIQUE**

[72] KODALI, DHARMA R., US

[73] CARGILL, INCORPORATED, US

[86] (2763753)

[87] (2763753)

[22] 1999-10-01

[62] 2,344,278

[30] US (60/102,903) 1998-10-02

[11] **2,764,662**

[13] C

[51] **Int.Cl. D01F 9/22 (2006.01) D01F 6/18 (2006.01)**

[25] EN

[54] **CARBON FIBER BUNDLE THAT DEVELOPS HIGH MECHANICAL PERFORMANCE**

[54] **FAISCEAU DE FIBRES DE CARBONE QUI DEVELOPPE UNE EXCELLENTE PERFORMANCE MECANIQUE**

[72] SUGIURA, NAOKI, JP

[72] OKUYA, TAKAHIRO, JP

[72] HASHIMOTO, HIROSHI, JP

[72] OOKI, ISAO, JP

[72] MATSUMURA, HIROKO, JP

[72] HATA, MASAHIRO, JP

[72] WAKABAYASHI, KOUKI, JP

[72] HATAYAMA, AKITO, JP

[73] MITSUBISHI RAYON CO., LTD., JP

[85] 2011-12-06

[86] 2010-06-10 (PCT/JP2010/059828)

[87] (WO2010/143681)

[30] JP (2009-139336) 2009-06-10

[11] **2,765,808**

[13] C

[51] **Int.Cl. C30B 29/04 (2006.01) C30B 31/20 (2006.01) C30B 33/02 (2006.01)**

[25] EN

[54] **METHOD FOR MAKING FANCY PALE BLUE OR FANCY PALE BLUE/GREEN SINGLE CRYSTAL CVD DIAMOND AND PRODUCT OBTAINED**

[54] **PROCEDE DE FABRICATION D'UN DIAMANT**

MONOCRISTALLIN DE

COULEUR BLEU PALE

FANTAISIE OU BLEU/VERT PALE

FANTAISIE OBTENU PAR DEPOT

CHIMIQUE EN PHASE VAPEUR (CVD) ET PRODUIT OBTENU

[72] TWITCHEN, DANIEL JAMES, GB

[72] GEOGHEGAN, SARAH LOUISE, GB

[72] PERKINS, NEIL, GB

[73] ELEMENT SIX LIMITED, IM

[85] 2011-12-16

[86] 2010-06-25 (PCT/EP2010/059084)

[87] (WO2010/149779)

[30] GB (0911075.0) 2009-06-26

[30] GB (0917219.8) 2009-10-01

[30] GB (1003613.5) 2010-03-04

[30] GB (1005573.9) 2010-04-01

[30] GB (1007728.7) 2010-05-10

[11] **2,766,032**

[13] C

[51] **Int.Cl. C01B 31/02 (2006.01) C10B 57/08 (2006.01) C10L 9/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING CARBON MATERIALS**

[54] **PROCEDE DE FABRICATION DE MATIERES CARBONEES**

[72] HAMAGUCHI, MAKI, JP

[72] OKUYAMA, NORIYUKI, JP

[72] KOMATSU, NOBUYUKI, JP

[72] SHISHIDO, TAKAHIRO, JP

[72] SAKAI, KOJI, JP

[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP

[85] 2011-12-19

[86] 2010-06-15 (PCT/JP2010/060147)

[87] (WO2010/150685)

[30] JP (2009-147296) 2009-06-22

[11] **2,766,323**

[13] C

[51] **Int.Cl. A61F 13/84 (2006.01) A61F 13/49 (2006.01)**

[25] EN

[54] **A DISPOSABLE ABSORBENT ARTICLE DESIGNED TO FACILITATE AN EASY INTUITIVE CHANGE**

[54] **ARTICLE ABSORBANT JETABLE CONCU POUR FACILITER UN CHANGEMENT INTUITIF FACILE**

[72] MAGEE, LUKE ROBINSON, US

[72] GLAKIN, GEORGE BARTOL, III, US

[72] HOSMER, CHRISTOPHER JOHN, US

[72] KORN, NAOMI SHOSHANA, US

[72] WILSON, JAMES DOUGLAS, US

[72] BATES, MARK CHRISTOPHER, US

[72] SCHMIDT, MATTIAS, US

[72] THURNAY, EVA SUSANNE

DOMINIQUE, DE

[72] MUELLER, JOERG, DE

[72] COSTELLO, JOHN CARL, DE

[72] SULLIVAN, ANN MARIE, US

[72] FLENDER, GREGG ALLEN, US

[72] ROE, DONALD CARROLL, US

[72] KLINE, MARK JAMES, US

[73] THE PROCTER & GAMBLE

COMPANY, US

[86] (2766323)

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[30] US (10/079,184) 2002-02-20

[11] **2,766,741**

[13] C

[51] **Int.Cl. D06F 57/00 (2006.01) D06F 53/00 (2006.01)**

[25] EN

[54] **AUXILIARY DEVICE FOR A CLOTHESLINE THAT FACILITATES DRYING OF LAUNDRY**

[54] **DISPOSITIF AUXILIAIRE POUR CORDE A LINGE FACILITANT LE SECHAGE DE LA LESSIVE**

[72] MACHACS, MARTON, HU

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[86] 2010-05-25 (PCT/HU2010/000062)

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[54] **GEOPHONE HAVING IMPROVED SENSITIVITY**
[54] **GEOPHONE A SENSIBILITE AMELIOREE**
[72] WOO, DANIEL M., US
[73] GEOSPACE TECHNOLOGIES, LP, US
[85] 2012-01-09
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[87] (WO2011/005979)
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[13] C

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[54] **MOUNTING SYSTEM FOR SPORTING EQUIPMENT**
[54] **SYSTEME DE MONTAGE D'EQUIPEMENT SPORTIF**
[72] HOPPUS, ADAM D., US
[73] TARGET BRANDS, INC., US
[86] (2769804)
[87] (2769804)
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[30] US (13/273,564) 2011-10-14

[11] **2,776,708**
[13] C

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[25] EN
[54] **METHOD AND SYSTEM FOR MAPPING A GEOLOGICAL STRUCTURE OF A FORMATION ON ONE SIDE OF A SURFACE USING MAGNETIC MOMENTS OF DIFFERENT VALUES**
[54] **PROCEDE ET SYSTEME DE CARTOGRAPHIE D'UNE STRUCTURE GEOLOGIQUE D'UNE FORMATION SUR UN COTE D'UNE SURFACE A L'AIDE DE MOMENTS MAGNETIQUES DE VALEURS DIFFERENTES**
[72] SORENSEN, KURT I., DK
[73] BUBIOIL APS, DK
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[25] EN
[54] **PHASE-PURE LITHIUM ALUMINIUM TITANIUM PHOSPHATE AND METHOD FOR ITS PRODUCTION AND ITS USE**
[54] **PHOSPHATE DE LITHIUM-ALUMINIUM-TITANE SANS PHASE, PROCEDE DE PRODUCTION ET UTILISATION ASSOCIES**
[72] BUSL, STEFANIE, DE
[72] WENDRICH, GENOVEFA, DE
[72] NUSPL, GERHARD, DE
[72] HOLZAPFEL, MICHAEL, DE
[73] SUED-CHEMIE IP GMBH & CO. KG, DE
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[11] **2,778,352**
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[25] EN
[54] **DOOR SUPPORT FOR GLASS SLIDING DOOR AND ASSEMBLY**
[54] **SUPPORT DE PORTE POUR PORTE COULISSANTE EN VERRE ET ASSEMBLAGE**
[72] BOUTHILLIER, SERGE, CA
[73] GROUPE VFG INC., CA
[86] (2778352)
[87] (2778352)
[22] 2012-05-25
[30] US (61/489,888) 2011-05-25

[11] **2,780,091**
[13] C

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[25] EN
[54] **VACUUM PUMP**
[54] **POMPE A VIDE**
[72] STUART, MARTIN NICHOLAS, GB
[72] GOODWIN, DAVID JOHN, GB
[72] OLSEN, IAN, GB
[73] EDWARDS LIMITED, GB
[86] (2780091)
[87] (2780091)
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[13] C

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[25] EN
[54] **ZINC-BASED METAL PLATED STEEL SHEET**
[54] **TOLE D'ACIER PLAQUEE AVEC UN METAL A BASE DE ZINC**
[72] MAKIMIZU, YOICHI, JP
[72] FUJITA, SAKAE, JP
[72] YOSHIMI, NAOTO, JP
[72] TADA, MASAHIKO, JP
[72] OOTSUKA, SHINJI, JP
[72] MASUOKA, HIROYUKI, JP
[72] HOSHINO, KATSUYA, JP
[72] KAJIYAMA, HIROSHI, JP
[72] NAGOSHI, MASAYASU, JP
[72] TANIMOTO, WATARU, JP
[72] FUJIMOTO, KYOKO, JP
[73] JFE STEEL CORPORATION, JP
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[54] **ELECTROLYTIC CELL FOR PRODUCING PRIMARY ALUMINUM BY USING INERT ANODE**
[54] **CELLULE ELECTROLYTIQUE POUR PRODUIRE DE L'ALUMINIUM PRIMAIRE EN UTILISANT UNE ANODE INERTE**
[72] YANG, JIANHONG, CN
[72] LI, WANGXING, CN
[72] CAO, PENG, CN
[73] ALUMINUM CORPORATION OF CHINA LIMITED, CN
[85] 2012-07-16
[86] 2010-09-27 (PCT/CN2010/077349)
[87] (WO2011/072544)
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[11] **2,788,488**
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[54] **PLOW INCLUDING INDEPENDENTLY MOVEABLE WINGS**
[54] **CHASSE-NEIGE COMPRENANT DES LAMES A MOBILITE INDEPENDANTE**
[72] STEVENS, MIKE M., US
[72] BUCKBEE, MARK D., US
[72] GAMBLE, ROBERT N., II, US
[73] SNO-WAY INTERNATIONAL, INC., US
[86] (2788488)
[87] (2788488)
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[62] 2,668,224
[30] US (12/140,671) 2008-06-17

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[13] C

[51] **Int.Cl. A01F 25/14 (2006.01) A01F 25/22 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **COLLAPSIBLE AERATION SYSTEM FOR RETROFITTING A GRAIN BIN**
[54] **SYSTEME D'AERATION DEMONTABLE POUR MODIFIER EN RATTRAPAGE UNE CELLULE A GRAINS**
[72] VARRO, IMRE, CA
[73] AG GROWTH INTERNATIONAL INC., CA
[86] (2788568)
[87] (2788568)
[22] 2010-11-03
[62] 2,720,149

[11] **2,790,087**
[13] C

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[25] EN
[54] **VIRAL INHIBITOR COMPOSITIONS FOR IN VIVO THERAPEUTIC USE COMPRISING A COMBINATION OF (-)-CARVONE, (+)-CARVONE, GERANIOL AND A FURTHER ESSENTIAL OIL COMPONENT**
[54] **COMPOSITIONS INHIBITRICES VIRALES POUR UNE UTILISATION THERAPEUTIQUE IN VIVO COMPRENANT UNE COMBINAISON DE (-)-CARVONE, DE (+)-CARVONE, DE GERANIOL ET D'UN AUTRE COMPOSANT D'HUILEESSENTIELLE**
[72] COPPENS, CHRISTINE, LU
[73] CESA ALLIANCE S.A., LU
[85] 2012-09-12
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[13] C

[51] **Int.Cl. B23B 51/00 (2006.01) A61B 17/16 (2006.01)**
[25] EN
[54] **A DRILL BIT AND METHOD FOR PRODUCING A DRILL BIT**
[54] **TREPAN ET PROCEDE DE PRODUCTION D'UN TREPAN**
[72] ELLIS, LIAM PATRICK, AU
[73] SURGIBIT IP HOLDINGS PTY LIMITED, AU
[86] (2790224)
[87] (2790224)
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/18 (2006.01)**
[25] EN
[54] **DYNAMICALLY ENABLING GUEST DEVICE SUPPORTING NETWORK-BASED MEDIA SHARING PROTOCOL TO SHARE MEDIA CONTENT OVER COMPUTER NETWORK WITH SUBSET OF MEDIA DEVICES CONNECTED THERETO**
[54] **DISPOSITIF HOTE A VALIDATION DYNAMIQUE SOUTENANT LE PROTOCOLE DE PARTAGE DE SUPPORT POUR PARTAGER LE CONTENU MEDIATIQUE SUR UN RESEAU D'ORDINATEURS COMPORTANT DES SOUS-ENSEMBLES DE DISPOSITIFS MEDIAS RACCORDES**
[72] WARRICK, PETER S., CA
[72] MCCARTHY, MICHAEL D., CA
[72] CASSIDY, BRENDAN G., CA
[72] CARRIERE, LINDSEY M., CA
[73] GUEST TEK INTERACTIVE ENTERTAINMENT LTD., CA
[86] (2792482)
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[13] A1
[51] **Int.Cl. G06F 19/10 (2011.01) A61B 5/107 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPUTER PROGRAM FOR THE DIAGNOSIS OF GENETIC SYNDROMES AND DEVELOPMENTAL ABNORMALITIES**
[54] **PROGRAMME D'ORDINATEUR POUR LE DIAGNOSTIC DES SYNDROMES GENETIQUES ET DES TROUBLES DE CROISSANCE**
[72] MOALEM, SHARON, CA
[71] MOALEM, SHARON, CA
[22] 2012-01-16
[41] 2013-07-16

[21] **2,764,089**
[13] A1
[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/012 (2006.01) A41D 13/05 (2006.01)**
[25] EN
[54] **IMPROVED HIKING PADS**
[54] **COUSSINET DE PROTECTION AMELIORE**
[72] LEWIS, EVAN, CA
[71] LEWIS, EVAN, CA
[22] 2012-01-17
[41] 2013-07-17

[21] **2,764,192**
[13] A1
[51] **Int.Cl. G08B 13/194 (2006.01) B65G 15/30 (2006.01) G01N 21/84 (2006.01) G08B 13/191 (2006.01) G08B 13/196 (2006.01) G08B 21/02 (2006.01) H04N 5/33 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **APPARATUS FOR DETECTING HUMANS ON CONVEYOR BELTS USING ONE OR MORE IMAGING DEVICES**
[54] **APPAREIL DE DETECTION DE PERSONNES SUR LES COURROIES D'UN CONVOYEUR A L'AIDE D'UN OU PLUSIEURS DISPOSITIFS D'IMAGERIE**
[72] SHEHATA, MOHAMED, CA
[72] MOHAMED, TAMER, CA
[72] BADAWY, WAEL, CA
[71] INTELLIVIEW TECHNOLOGIES INC., CA
[22] 2012-01-16
[41] 2013-07-16

[21] **2,764,275**
[13] A1
[51] **Int.Cl. A63B 21/062 (2006.01) A63B 21/078 (2006.01) A63B 23/02 (2006.01) A63B 23/12 (2006.01)**
[25] EN
[54] **UPPER BODY EXERCISE EQUIPMENT**
[54] **APPAREIL D'EXERCICES POUR LE HAUT DU CORPS**
[72] FARMER, HELMUT, CA
[71] FARMER, HELMUT, CA
[22] 2012-01-16
[41] 2013-07-16

[21] **2,764,283**
[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **MOBILE DEVICE CONTROL APPLICATION FOR IMPROVED SECURITY AND DIAGNOSTICS**
[54] **APPLICATION DE COMMANDE POUR SECURITE ET DIAGNOSTICS AMELIORES SUR APPAREIL MOBILE**
[72] MORELLI, GIOVANNI J., CA
[71] MORELLI, GIOVANNI J., CA
[22] 2012-01-16
[41] 2013-07-16

[21] **2,764,291**
[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12M 1/12 (2006.01) C12M 1/38 (2006.01) C12M 1/42 (2006.01) C12N 1/12 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **LOW-COST INTEGRATED POND-PHOTOBIOREACTOR**
[54] **BASSIN PHOTOBIOREACTEUR INTEGRE ABORDABLE**
[72] MOTTAHEDEH, SOHEYL S. M., CA
[72] TREDICI, MARIO R. T. R., IT
[71] MOTTAHEDEH, SOHEYL S. M., CA
[71] TREDICI, MARIO R. T. R., IT
[22] 2012-01-16
[41] 2013-07-16

[21] **2,764,354**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **HOST-EMULATOR BRIDGE SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE POUR UN PONT EMULATEUR D'HOTE**
[72] MORELLI, GIOVANNI J., CA
[71] MORELLI, GIOVANNI J., CA
[22] 2012-01-16
[41] 2013-07-16

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[21] **2,764,362**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **RDP SESSION MONITOR/CONTROL SYSTEM AND APPLICATION**
[54] **SYSTEME ET APPLICATION DE MONITORAGE ET DE CONTROLE DES SESSIONS RDP**
[72] MORELLI, GIOVANNI J., CA
[71] MORELLI, GIOVANNI J., CA
[22] 2012-01-16
[41] 2013-07-16

[21] **2,764,508**
[13] A1

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[25] EN
[54] **WALL RAIL SYSTEM**
[54] **SYSTEME DE RAIL MURAL**
[72] WOODS, DONALD, US
[72] JOHNSON, SAMIAL K., US
[71] KIMBALL INTERNATIONAL, INC., US
[22] 2012-01-19
[41] 2013-07-18
[30] US (13/352,425) 2012-01-18

[21] **2,764,534**
[13] A1

[51] **Int.Cl. E06B 9/32 (2006.01) E06B 9/326 (2006.01)**
[25] EN
[54] **SAFETY WINDOW BLIND DEVICE**
[54] **STORE POUR FENETRE DE SECURITE**
[72] LIN, SHIH-MING, TW
[71] LIN, SHIH-MING, TW
[22] 2012-01-19
[41] 2013-07-19

[21] **2,764,539**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 25/08 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **METHOD FOR CREATING A 3D MODEL OF A HYDROCARBON RESERVOIR, AND METHOD FOR COMPARATIVE TESTING OF HYDROCARBON RECOVERY TECHNIQUES**
[54] **METHODE DE MODELISATION EN 3D D'UN RESERVOIR D'HYDROCARBURES ET D'ESSAIS COMPARATIFS DES TECHNIQUES DE RECUPERATION**
[72] FREDERICK, LARRY, CA
[71] HUSKY OIL OPERATIONS LIMITED, CA
[22] 2012-01-16
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[21] **2,764,548**
[13] A1

[51] **Int.Cl. A47C 31/11 (2006.01) A47C 7/62 (2006.01)**
[25] EN
[54] **FURNITURE COVER**
[54] **COUVERTURE POUR MEUBLES**
[72] WEINSTEIN, BERNARD, CA
[72] BELASHKIN, KAROLIN, CA
[72] ARAUJO, ANITA, CA
[72] NILVI, SURRENDER, CA
[71] CABER SURE FIT INC., CA
[22] 2012-01-20
[41] 2013-07-20

[21] **2,764,554**
[13] A1

[51] **Int.Cl. A47C 7/62 (2006.01) A47C 7/02 (2006.01) A47C 27/00 (2006.01) A47C 31/11 (2006.01) A47G 9/10 (2006.01)**
[25] EN
[54] **SELF-STORAGE PORTABLE PADDING DEVICE**
[54] **DISPOSITIF DE REMBOURRAGE PORTATIF POUR STOCKAGE EN LIBRE-SERVICE**
[72] SHELLEY, MARK, CA
[71] SHELLEY, MARK, CA
[22] 2012-01-20
[41] 2013-07-20

[21] **2,764,625**
[13] A1

[51] **Int.Cl. B60P 7/04 (2006.01)**
[25] EN
[54] **COVERING LOADS FOR TRANSPORT**
[54] **METHODE POUR COUVRIR UNE CARGAISON PENDANT LE TRANSPORT**
[72] HERMAN, ALVIN, CA
[72] HERMAN, ERIN, CA
[72] KEMMER, DAN, CA
[71] CANADIAN TARPAULIN MANUFACTURERS LTD., CA
[22] 2012-01-16
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[21] **2,764,669**
[13] A1

[51] **Int.Cl. F04C 2/063 (2006.01) F04C 2/332 (2006.01) F04C 18/063 (2006.01) F04C 18/332 (2006.01)**
[25] EN
[54] **OVAL CHAMBER CIRCULAR RACEWAY PUMP**
[54] **POMPE A CHEMIN DE ROULEMENT CIRCULAIRE A CAVITE OVALE**
[72] PATTERSON, DAN, CA
[72] MASSE, ANDREW, CA
[72] MASSE, ANDREW, CA
[71] WINDTRANS SYSTEMS LTD., CA
[22] 2012-01-16
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[21] **2,764,811**
[13] A1

[51] **Int.Cl. E02B 15/02 (2006.01) E02B 3/00 (2006.01) F25C 5/06 (2006.01)**
[25] EN
[54] **ICE PUSH RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION PAR POUSSEE POUR LA GLACE**
[72] HALL, WARREN, CA
[71] HALL, WARREN, CA
[22] 2012-01-19
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[21] **2,764,816**
[13] A1

[51] **Int.Cl. E21B 7/24 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CREATING A PRESSURE PULSE IN DRILLING FLUID TO VIBRATE A DRILL STRING**
[54] **PROCEDE ET APPAREIL POUR CREER UNE IMPULSION DE PRESSION DANS UN FLUIDE DE FORAGE POUR FAIRE VIBRER UN TRAIN DE TIGES**
[72] GUST, TOM, CA
[71] COUGAR DRILLING SOLUTIONS INC., CA
[22] 2012-01-19
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[21] **2,764,976**
[13] A1

[51] **Int.Cl. B65D 55/08 (2006.01) B65D 1/00 (2006.01) B65D 25/20 (2006.01) B65D 43/16 (2006.01)**
[25] EN
[54] **CONTAINER AND LID**
[54] **CONTENANT ET COUVERCLE**
[72] LUBURIC, FRANO, US
[71] ROPAK CORPORATION, US
[22] 2012-01-20
[41] 2013-07-19
[30] US (13/353,481) 2012-01-19

[21] **2,764,990**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 10/10 (2012.01) H04L 12/58 (2006.01)**
[25] EN
[54] **PRIORITIZING AND PROVIDING INFORMATION ABOUT USER CONTACTS**
[54] **CLASSEMENT PAR ORDRE DE PRIORITE ET FOURNITURE DE RENSEIGNEMENTS AU SUJET DES CONTACTS D'UN UTILISATEUR**
[72] HARTZLER, MATHEW JON, US
[71] HARTZLER, MATHEW JON, US
[22] 2012-01-20
[41] 2013-07-20

[21] **2,765,067**
[13] A1

[51] **Int.Cl. G02C 7/06 (2006.01)**
[25] EN
[54] **PROCEDURE FOR DESIGNING A PROGRESSIVE OPHTHALMIC LENS AND CORRESPONDING LENS**
[54] **PROCEDE DE CONCEPTION D'UNE LENTILLE OPHTALMIQUE PROGRESSIVE ET LENTILLE CORRESPONDANTE**
[72] DURSTELER LOPEZ, JUAN CARLOS, ES
[72] VEGAS CABALLERO, JAVIER, ES
[72] ESPINOLA ESTEPA, MANUEL, ES
[72] CHAMADOIRA HERMIDA, SARA, ES
[72] CASANELLAS PENALVER, GLORIA, ES
[71] INDO INTERNACIONAL S.A., ES
[22] 2012-01-18
[41] 2013-07-18

[21] **2,765,182**
[13] A1

[51] **Int.Cl. E03F 7/04 (2006.01) F16K 1/20 (2006.01) F16K 15/03 (2006.01) F16K 24/02 (2006.01) F16K 31/24 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **BACKWATER VALVE**
[54] **CLAPET DE NON-RETOUR**
[72] MALAN, DANIE, CA
[71] MALAN, DANIE, CA
[22] 2012-01-18
[41] 2013-07-18

[21] **2,765,184**
[13] A1

[51] **Int.Cl. A01K 97/00 (2006.01) A01K 77/00 (2006.01) B63B 17/00 (2006.01) B63B 27/14 (2006.01)**
[25] EN
[54] **THE FISH SLIDER**
[54] **GLISSEUR POUR POISSONS**
[72] BETTS, OLIVIA J., CA
[72] NAYLOR, CHRIS, CA
[71] BETTS, OLIVIA J., CA
[71] NAYLOR, CHRIS, CA
[22] 2012-01-18
[41] 2013-07-18

[21] **2,765,252**
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01)**
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[54] **MEMORANDUM**
[54] **MEMORANDUM**
[72] BELL, BENNY, CA
[71] BELL, BENNY, CA
[22] 2012-01-19
[41] 2013-07-19

[21] **2,765,289**
[13] A1

[51] **Int.Cl. F21V 29/00 (2006.01) F21K 99/00 (2010.01) F21S 8/00 (2006.01)**
[25] EN
[54] **EXTRUDED LED LIGHT HEAT SINK WITH ATTACHED HOUSING**
[54] **DISSIPATEUR DE CHALEUR POUR ECLAIRAGE A DEL AVEC BOITIER FIXE**
[72] CHIA, SOMBOUN, CA
[71] CHIA, SOMBOUN, CA
[22] 2012-01-20
[41] 2013-07-20

[21] **2,765,296**
[13] A1

[51] **Int.Cl. B65D 81/34 (2006.01) A23L 1/01 (2006.01)**
[25] EN
[54] **DESCRIPTION AND METHOD FOR PREPARATION AND COOKING OF LOBSTER**
[54] **PREPARATION DE HOMARD ET APPAREIL DE CUISSON**
[72] LOWE, MARK A., CA
[71] LOWE, MARK A., CA
[22] 2012-01-19
[41] 2013-07-19

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[21] **2,765,331**
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01) A61N 5/067 (2006.01)**
[25] EN
[54] **FLEXIBLE LIGHT TREATMENT HEAD**
[54] **TETE DE LUMINOTHERAPIE FLEXIBLE**
[72] HACCO, ELI, CA
[72] MOLO, NICHOLAS JOHN, CA
[72] CHEN, LI CHE TEDDY, CA
[71] MEDITECH INTERNATIONAL INC., CA
[22] 2012-01-20
[41] 2013-07-20

[21] **2,765,524**
[13] A1

[51] **Int.Cl. A47L 15/14 (2006.01) A47J 31/60 (2006.01)**
[25] EN
[54] **SINGLE SERVING COFFEE FILTER WASH MACHINE**
[54] **MACHINE A LAVER LES FILTRES A CAFE A PORTIONS INDIVIDUELLES**
[72] STENTAFORD, PHILIP SHAWN, CA
[71] STENTAFORD, PHILIP SHAWN, CA
[22] 2012-01-17
[41] 2013-07-17

[21] **2,765,550**
[13] A1

[51] **Int.Cl. A61C 5/14 (2006.01) A61C 19/00 (2006.01)**
[25] EN
[54] **GUIDE, COMFORT DRY RUBBER DAM LINER**
[54] **DOUBLURE POUR DIGUE DENTAIRE, COMFORTABLE, ABSORBANTE ET MUNIE DE GUIDES**
[72] BOUVIER, CHRYSTAL, CA
[72] NGUYEN, CUNG, CA
[71] BOUVIER, CHRYSTAL, CA
[71] NGUYEN, CUNG, CA
[22] 2012-01-17
[41] 2013-07-17

[21] **2,765,597**
[13] A1

[51] **Int.Cl. B68G 7/00 (2006.01) A47C 7/24 (2006.01) A47C 27/00 (2006.01) B68G 13/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING UPHOLSTERED FURNITURE USING REINFORCED BOARD SUCH AS CORRUGATED BOARD**
[54] **APPAREIL ET PROCEDE POUR FABRIQUER DES MEUBLES CAPITONNES AU MOYEN D'UN CARTON RENFORCE COMME DU CARTON ONDULE**
[72] GUERRERO, MANUEL ALMANZA, CA
[71] YUP INC., CA
[22] 2012-01-25
[41] 2013-07-20
[30] US (13/354,921) 2012-01-20

[21] **2,765,969**
[13] A1

[51] **Int.Cl. B60K 16/00 (2006.01) B60L 8/00 (2006.01)**
[25] EN
[54] **REAR-MOUNTED VEHICULAR WIND POWER GENERATOR SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE EOLIENNE POUR VEHICULE FIXE A L'ARRIERE**
[72] CHEN, CHUNG-HSIEN, TW
[71] CHEN, CHUNG-HSIEN, TW
[22] 2012-01-18
[41] 2013-07-18

[21] **2,766,638**
[13] A1

[51] **Int.Cl. B23K 37/00 (2006.01)**
[25] EN
[54] **FOLDABLE WELDING SCREEN**
[54] **ECRAN DE SOUDAGE PLIABLE**
[72] FREDIN, GREG, CA
[71] FREDIN, GREG, CA
[22] 2012-01-17
[41] 2013-07-17

[21] **2,770,223**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SWALLOWING IMPAIREMENT DETECTION**
[54] **PROCEDE ET APPAREIL DESTINES A LA DETECTION D'UN HANDICAP RENDANT DIFFICILE LA DEGLUTITION**
[72] LEE, JOONWU, US
[72] CHAU, THOMAS T.K., CA
[72] STEELE, CATRIONA M., CA
[71] TORONTO REHABILITATION INSTITUTE, CA
[71] HOLLAND BLOORVIEW KIDS REHABILITATION HOSPITAL, CA
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[41] 2013-07-18
[30] WO (PCT/CA2012/000036) 2012-01-18

[21] **2,770,803**
[13] A1

[51] **Int.Cl. E01C 19/17 (2006.01)**
[25] EN
[54] **INTEGRATED CARRIAGE FOGGING SYSTEM FOR CONCRETE PAVERS**
[54] **SYSTEME DE BRUMISATION INTEGRE POUR BETONNIERES**
[72] SWEENEY, JOHN C., US
[72] EBEN, LARRY, US
[71] TEREX USA, LLC, US
[22] 2012-03-13
[41] 2013-07-16
[30] US (13/351,015) 2012-01-16

[21] **2,776,206**
[13] A1

[51] **Int.Cl. F16L 21/06 (2006.01) F16L 19/04 (2006.01) F16L 23/04 (2006.01) F16L 25/04 (2006.01)**
[25] EN
[54] **COUPLING**
[54] **DISPOSITIF D'ACCOUPEMENT**
[72] BEAGEN, JOSEPH WILLIAM, JR., US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2012-05-07
[41] 2013-07-20
[30] US (13/354,459) 2012-01-20
[30] US (13/354,464) 2012-01-20
[30] US (13/354,466) 2012-01-20
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[21] **2,782,944**
[13] A1

[51] **Int.Cl. B01D 53/48 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE REMOVAL OF SULFUR COMPOUNDS FROM GAS STREAMS**
[54] **PROCEDURE D-ELIMINATION DES COMPOSES SULFURES DANS LES FLUX GAZEUX**
[72] AYASSE, ALAN, CA
[72] SHAHIN, AHMED M., CA
[72] AYASSE, CONRAD, CA
[71] ARCHON TECHNOLOGIES LTD., CA
[22] 2012-07-10
[41] 2013-07-16
[30] CA (2,768,359) 2012-02-17
[30] CA (2,769,060) 2012-02-17

[21] **2,783,577**
[13] A1

[51] **Int.Cl. B65H 29/62 (2006.01) B41F 33/00 (2006.01) B65H 7/06 (2006.01) B65H 43/04 (2006.01)**
[25] EN
[54] **AUTOMATIC ONLINE DEFECTIVE ELEMENTS-CHECKING-AND-REMOVING DEVICE FOR FLEXOGRAPHIC PRINTING PRESSES**
[54] **APPAREIL DE RETRAIT ET DE VERIFICATION D'ELEMENTS DEFECTUEUX EN LIGNE AUTOMATIQUE POUR PRESSES A IMPRIMER FLEXOGRAPHIQUES**
[72] LIU, BEN WANG, CN
[71] LIU, BEN WANG, CN
[22] 2012-07-20
[41] 2013-07-18
[30] CN (201210014793.0) 2012-01-18

[21] **2,783,915**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/56 (2006.01) A61B 17/88 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEMS FOR FLEXIBLE IMPLANTS FOR REPLACING CARTILAGE**
[54] **SYSTEMES D'ANCRAGE POUR IMPLANTS FLEXIBLES DESTINES A REMPLACER LE CARTILAGE**
[72] MANSMANN, KEVIN, US
[71] MANSMANN, KEVIN, US
[22] 2012-07-25
[41] 2013-07-20
[30] US (13/355,276) 2012-01-20

[21] **2,786,502**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **NEXT LETTER PREDICTION FOR VIRTUAL KEYBOARD**
[54] **PREDICTION DE LETTRES SUIVANTES POUR CLAVIER VIRTUEL**
[72] GRIFFIN, JASON TYLER, CA
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-08-20
[41] 2013-07-19
[30] US (61/588,534) 2012-01-19

[21] **2,788,501**
[13] A1

[51] **Int.Cl. E03C 1/042 (2006.01) B05B 1/22 (2006.01) F16K 11/00 (2006.01)**
[25] EN
[54] **FIXING STRUCTURE OF A PULL-OUT FAUCET**
[54] **STRUCTURE DE FIXATION D'UN ROBINET EXTRACTIBLE**
[72] LI, CHUNHUNG, TW
[72] WU, YONGJUN, CN
[72] HSU, WEIMIEN, TW
[72] TAN, WANHONG, CN
[72] LI, QIUYONG, CN
[71] GLOBE UNION INDUSTRIAL CORP., TW
[22] 2012-08-31
[41] 2013-07-18
[30] CN (201220022360.8) 2012-01-18

[21] **2,789,614**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATION OF AN HVAC SYSTEM TO ADJUST AMBIENT AIR TEMPERATURE**
[54] **SYSTEME ET PROCEDE POUR LE FONCTIONNEMENT D'UN SYSTEME DE CVCA PERMETTANT D'AJUSTER LA TEMPERATURE DE L'AIR AMBIANT**
[72] SCHUMAN, DANIEL C., US
[71] RESEARCH PRODUCTS CORPORATION, US
[22] 2012-09-12
[41] 2013-07-20
[30] US (13/355,086) 2012-01-20

[21] **2,789,827**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **VIRTUAL KEYBOARD PROVIDING AN INDICATION OF RECEIVED INPUT**
[54] **CLAVIER VIRTUEL OFFRANT UNE INDICATION DE L'ENTREE RECUE**
[72] GRIFFIN, JASON TYLER, CA
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DON SOMERSET MCCULLOCH, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-09-14
[41] 2013-07-19
[30] US (61/588,504) 2012-01-19

[21] **2,793,177**
[13] A1

[51] **Int.Cl. F28F 3/12 (2006.01) F28D 9/00 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL COOLING PLENUM**
[54] **PLENUM DE REFROIDISSEMENT A PLUSIEURS CANAUX**
[72] JOST, KAREN M., US
[72] MILLER, GAYL J., US
[72] BOWDLE, DONALD E., US
[71] THE BOEING COMPANY, US
[22] 2012-10-24
[41] 2013-07-16
[30] US (13/351,026) 2012-01-16

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[21] **2,794,904**
[13] A1

[51] **Int.Cl. B25B 7/22 (2006.01) B25B 9/00 (2006.01) B26B 1/02 (2006.01) B26B 11/00 (2006.01) B67B 7/44 (2006.01)**

[25] EN
[54] **HAND TOOL**
[54] **OUTIL MANUEL**

[72] HUTTULA, JUSTIN MICHAEL, US
[72] KEMPER, CURT MATTHEW, US
[72] RIVERA, BENJAMIN C., US
[71] LEATHERMAN TOOL GROUP, INC., US
[22] 2012-11-09
[41] 2013-07-14
[30] US (13/350,756) 2012-01-14

[21] **2,795,097**
[13] A1

[51] **Int.Cl. E04H 3/12 (2006.01)**

[25] EN
[54] **MOVABLE STAND WITH VARIABLE VIEWING ANGLES**
[54] **PIED DEPLACABLE AVEC ANGLES DE VUE VARIABLES**

[72] LAI, JIANYAN, CN
[72] WANG, YUAN, CN
[71] WANDA COMMERCIAL PLANNING & RESEARCH INSTITUTE CO., LTD., CN
[22] 2012-11-08
[41] 2013-07-20
[30] CN (201210019043.5) 2012-01-20

[21] **2,795,100**
[13] A1

[51] **Int.Cl. E04H 3/26 (2006.01)**

[25] EN
[54] **A COMPOSITE LIFTING STAGE**
[54] **SCENE COMPOSITE POUVANT S'ELEVER**

[72] LAI, JIANYAN, CN
[72] WANG, YUAN, CN
[71] WANDA COMMERCIAL PLANNING & RESEARCH INSTITUTE CO., LTD., CN
[22] 2012-11-08
[41] 2013-07-20
[30] CN (201210019533.5) 2012-01-20

[21] **2,795,669**
[13] A1

[51] **Int.Cl. F16B 37/10 (2006.01) B23G 5/04 (2006.01) B23G 5/10 (2006.01)**

[25] EN
[54] **ADJUSTABLE DIE**
[54] **FILIERE EXTENSIBLE**

[72] CAIN, BRANDON, US
[72] TRAVIS, TODD, US
[72] CALZONCINTH, ERIC, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2012-11-14
[41] 2013-07-20
[30] US (13/355,035) 2012-01-20

[21] **2,796,484**
[13] A1

[51] **Int.Cl. F04C 2/344 (2006.01) F04C 18/344 (2006.01) F04C 27/00 (2006.01)**

[25] EN
[54] **OVAL CHAMBER CIRCULAR RACEWAY PUMP**
[54] **POMPE A CHEMIN DE ROULEMENT CIRCULAIRE A CAVITE OVALE**

[72] PATTERSON, DAN, CA
[72] MASSE, ANDREW, CA
[71] WINDTRANS SYSTEMS LTD., CA
[22] 2012-11-22
[41] 2013-07-16
[30] CA (2,764,669) 2012-01-16
[30] US (61/695,635) 2012-08-31

[21] **2,796,534**
[13] A1

[51] **Int.Cl. G09F 3/04 (2006.01) B65C 3/00 (2006.01) G09F 3/02 (2006.01)**

[25] EN
[54] **MULTI-PURPOSE LABELING DEVICE**
[54] **SYSTEME D'ETIQUETAGE POLYVALENT**

[72] LUEA, JON, US
[71] MULTI PACKAGING SOLUTIONS, INC., US
[22] 2012-11-26
[41] 2013-07-17
[30] US (13/351,760) 2012-01-17

[21] **2,798,195**
[13] A1

[51] **Int.Cl. B32B 7/10 (2006.01) B32B 27/12 (2006.01) B32B 37/02 (2006.01) E04F 15/10 (2006.01)**

[25] EN
[54] **PVC-FREE FLOORING AND METHOD OF MANUFACTURE**
[54] **REVETEMENT DE SOL EXEMPT DE PVC ET SON PROCEDE DE FABRICATION**

[72] SCHLISNER, DENNIS G., US
[71] BASE KING, LLC, US
[22] 2012-12-05
[41] 2013-07-20
[30] US (13/354,878) 2012-01-20

[21] **2,798,267**
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**

[25] EN
[54] **CURVED GUIDE MEMBER FOR ARTICULATING INSTRUMENTS**
[54] **ELEMENT GUIDE COURBE POUR INSTRUMENTS ARTICULES**

[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2012-12-06
[41] 2013-07-20
[30] US (13/354,680) 2012-01-20

[21] **2,798,274**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01) A61B 18/12 (2006.01)**

[25] EN
[54] **SURGICAL INSTRUMENT WITH CLAMP RELEASE MECHANISM**
[54] **INSTRUMENT CHIRURGICAL AVEC MECANISME DE SERRAGE/DESSERRAGE**

[72] SLISZ, KEVIN R., US
[72] PENNA, CHRISTOPHER, US
[71] COVIDIEN LP, US
[22] 2012-12-05
[41] 2013-07-19
[30] US (13/353,367) 2012-01-19

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[21] **2,798,284**
[13] A1

[51] **Int.Cl. C08J 3/24 (2006.01) C08K 5/1515 (2006.01) C08K 5/17 (2006.01) C08L 33/04 (2006.01)**

[25] EN

[54] **CROSSLINKER-ACCELERATOR SYSTEM FOR POLYACRYLATES**

[54] **SYSTEME D'AGENT ACCELERATEUR/AGENT RETICULANT POUR POLYACRYLATES**

[72] PRENZEL, ALEXANDER, DE

[72] BAMBERG, SARAH, DE

[72] BESCHMANN, JENNIFER, DE

[72] PAPENBROOCK, MARTEN, DE

[71] TESA SE, DE

[22] 2012-12-04

[41] 2013-07-20

[30] DE (10 2012 200 854.3) 2012-01-20

[21] **2,798,334**
[13] A1

[51] **Int.Cl. C08J 3/24 (2006.01) C08K 5/1515 (2006.01) C08K 5/16 (2006.01) C08K 5/50 (2006.01) C08L 33/04 (2006.01)**

[25] EN

[54] **CROSSLINKER-ACCELERATOR SYSTEM FOR POLYACRYLATES**

[54] **SYSTEME D'AGENT ACCELERATEUR/AGENT RETICULANT POUR POLYACRYLATES**

[72] PRENZEL, ALEXANDER, DE

[72] BAMBERG, SARAH, DE

[72] BESCHMANN, JENNIFER, DE

[72] PAPENBROOCK, MARTEN, DE

[71] TESA SE, DE

[22] 2012-12-04

[41] 2013-07-20

[30] DE (10 2012 200 853.5) 2012-01-20

[21] **2,798,845**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 80/06 (2009.01)**

[25] EN

[54] **A COMMUNICATION DEVICE FOR THROTTLING TRANSMITTED DATA**

[54] **DISPOSITIF DE COMMUNICATION POUR REGLAGE DES DONNEES TRANSMISES**

[72] MIDANI, WAEL, CA

[72] ZOU, LING, CA

[72] VILLAFLOR, MARCEL, US

[71] RESEARCH IN MOTION LIMITED, CA

[71] RESEARCH IN MOTION CORPORATION, US

[22] 2012-12-13

[41] 2013-07-20

[30] EP (12151916.9) 2012-01-20

[21] **2,798,892**
[13] A1

[51] **Int.Cl. F28F 21/00 (2006.01) F28D 20/02 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER ELEMENT AND METHOD FOR THE PRODUCTION**

[54] **ELEMENT ECHANGEUR DE CHALEUR ET PROCEDE DE PRODUCTION**

[72] RIENDEAU, MARCEL, DE

[71] ZEHNDER VERKAUFS- UND VERWALTUNGS AG, CH

[22] 2012-12-14

[41] 2013-07-20

[30] EP (12000365.2) 2012-01-20

[21] **2,799,627**
[13] A1

[51] **Int.Cl. D06G 1/00 (2006.01) A47L 11/29 (2006.01) A47L 11/34 (2006.01) B08B 3/08 (2006.01)**

[25] EN

[54] **METHOD OF CLEANING A CARPET SEGMENT**

[54] **METHODE DE NETTOYAGE DE TAPIS**

[72] PRUIETT, JASON W., US

[72] HALEY, KEVIN, US

[72] WARFIELD, CYNTHIA ANNE, US

[71] BISSELL HOMECARE, INC., US

[22] 2012-12-21

[41] 2013-07-18

[30] US (61/587,934) 2012-01-18

[21] **2,799,726**
[13] A1

[51] **Int.Cl. A63F 13/00 (2006.01)**

[25] EN

[54] **DISPLAY OF SYMBOL ACCUMULATION IN REEL-TYPE GAMES**

[54] **AFFICHEUR POUR L'ACCUMULATION DES SYMBOLES DANS LES JEUX DE TYPE ROULETTE**

[72] VERMAAK, RICHARD, ZA

[72] NAICKER, THEO, ZA

[72] WALTON, BRENDAN CLYDE, ZA

[72] IGESUND, TERENCE, ZA

[71] WATERLEAF LIMITED, GB

[22] 2012-12-19

[41] 2013-07-16

[30] GB (1200662.3) 2012-01-16

[21] **2,799,956**
[13] A1

[51] **Int.Cl. B28B 1/24 (2006.01) A61L 27/02 (2006.01) B28B 7/06 (2006.01) B28B 7/28 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A SPACER AND HOLLOW MOULD FOR PRODUCING A SPACER**

[54] **METHODE DE PRODUCTION D'UN ESPACEUR ET MOULE POUR LA PRODUCTION D'UN ESPACEUR**

[72] VOGT, SEBASTIAN, DE

[72] BUECHNER, HUBERT, DE

[71] HERAEUS MEDICAL GMBH, DE

[22] 2012-12-27

[41] 2013-07-17

[30] DE (10 2012 000 685.3) 2012-01-17

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[21] **2,800,119**
 [13] A1

[51] **Int.Cl. H04N 7/50 (2006.01) H04N 21/44 (2011.01)**
 [25] EN
 [54] **METHODS AND SYSTEMS FOR PIPELINING WITHIN BINARY ARITHMETIC CODING AND DECODING**
 [54] **PROCEDES ET SYSTEMES POUR PIPELINE DANS UN CODAGE ET UN DECODAGE ARITHMETIQUES BINAIRES**
 [72] NGUYEN, NGUYEN, CA
 [72] JI, TIANYING, CA
 [72] HE, DAKE, CA
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2012-12-28
 [41] 2013-07-20
 [30] EP (12151970.6) 2012-01-20

[21] **2,800,407**
 [13] A1

[51] **Int.Cl. D01D 5/00 (2006.01)**
 [25] EN
 [54] **COMBINED SPINNING NOZZLE FOR THE MANUFACTURE OF NANOFIBROUS AND MICROFIBROUS MATERIALS**
 [54] **FILIERES COMBINEES POUR LA FABRICATION DE MATERIAUX NANOFIBREUX ET MICROFIBREUX**
 [72] POKORNY, MAREK, CZ
 [72] SUKOVA, LADA, CZ
 [72] REBICEK, JIRI, CZ
 [72] VELEBNY, VLADIMIR, CZ
 [71] CONTIPRO BIOTECH S.R.O., CZ
 [22] 2013-01-02
 [41] 2013-07-19
 [30] CZ (PV 2012-33) 2012-01-19

[21] **2,800,457**
 [13] A1

[51] **Int.Cl. A01D 75/00 (2006.01)**
 [25] EN
 [54] **FRAME SECTION PIVOT LIMITED DEVICE**
 [54] **DISPOSITIF LIMITANT LE PIVOTEMENT D'UNE SECTION DE CHASSIS**
 [72] CONNELL, RICHARD J., US
 [72] ESAKKIMUTHU, NARAYANAN E., US
 [71] DEERE & COMPANY, US
 [22] 2013-01-03
 [41] 2013-07-17
 [30] IN (159/MUM/2012) 2012-01-17

[21] **2,800,798**
 [13] A1

[51] **Int.Cl. H05K 3/22 (2006.01) H04W 88/02 (2009.01) H05K 1/18 (2006.01) H05K 9/00 (2006.01)**
 [25] EN
 [54] **MOBILE WIRELESS COMMUNICATIONS DEVICE INCLUDING CONFORMABLE, SHAPE-RETAINING VACUUM FORMED FILM AND RELATED METHODS**
 [54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE COMPORTANT UNE PELLICULE FORMEE SOUS VIDE INDEFORMABLE ET ADAPTABLE ET METHODES CONNEXES**
 [72] LI, FAN, CA
 [72] LIU, TONG, CA
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-01-04
 [41] 2013-07-20
 [30] EP (12151975.5) 2012-01-20

[21] **2,801,071**
 [13] A1

[51] **Int.Cl. F17C 13/00 (2006.01) F17C 7/00 (2006.01) F17C 13/08 (2006.01)**
 [25] FR
 [54] **MODULAR DISTRIBUTION ELEMENT FOR GAS UNDER PRESSURE AND INSTALLATION THEREOF**
 [54] **ELEMENT MODULAIRE DE DISTRIBUTION DE GAZ SOUS PRESSION ET INSTALLATION CORRESPONDANTE**
 [72] ROBERGE, GUILLAUME, FR
 [72] VERGHAE, JEAN-MARIE, FR
 [71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE, FR
 [22] 2012-12-28
 [41] 2013-07-17
 [30] FR (12 50 452) 2012-01-17

[21] **2,801,095**
 [13] A1

[51] **Int.Cl. H04N 7/30 (2006.01)**
 [25] EN
 [54] **METHODS AND DEVICES FOR CONTEXT MODELING TO ENABLE MODULAR PROCESSING**
 [54] **METHODES ET DISPOSITIFS POUR LA MODELISATION DE CONTEXTE VISANT A PERMETTRE UN TRAITEMENT MODULAIRE**
 [72] NGUYEN, NGUYEN, CA
 [72] JI, TIANYING, CA
 [72] HE, DAKE, CA
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-01-07
 [41] 2013-07-20
 [30] EP (12151980.5) 2012-01-20

[21] **2,801,134**
 [13] A1

[51] **Int.Cl. A63B 71/06 (2006.01) A63B 69/00 (2006.01)**
 [25] EN
 [54] **WEARABLE DEVICE ASSEMBLY HAVING ATHLETIC FUNCTIONALITY**
 [54] **ENSEMBLE DE DISPOSITIF POUVANT ETRE PORTE AYANT UNE FONCTION ATHLETIQUE**
 [72] WEAST, AARON B., US
 [72] COBBETT, JAMIAN R., US
 [72] CRANKSON, KWAMINA, US
 [72] DRYDEN, MICHAEL, US
 [71] NIKE INTERNATIONAL LTD., US
 [22] 2013-01-03
 [41] 2013-07-18
 [30] US (13/353,231) 2012-01-18

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 [13] A1

[51] **Int.Cl. E04C 5/18 (2006.01)**
 [25] EN
 [54] **GROUT TUBE HOLDER AND SPACER**
 [54] **PORTE-TUBES D'INJECTION DE MORTIER ET DISTANCIER**
 [72] HEBERT, ERIC G., JR., US
 [71] HEBERT, ERIC G., JR., US
 [22] 2013-01-09
 [41] 2013-07-19
 [30] US (61/588,271) 2012-01-19

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[21] **2,801,390**
[13] A1

[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **NUDGE FEATURE IN REEL-TYPE GAMES**
[54] **FONCTION DE POUSSEE POUR JEUX DE TYPE ROULETTE**
[72] VERMAAK, RICHARD, ZA
[72] NAICKER, THEO, ZA
[72] WALTON, BRENDAN CLYDE, ZA
[72] IGESUND, TERENCE, ZA
[71] WATERLEAF LIMITED, GB
[22] 2013-01-08
[41] 2013-07-16
[30] GB (1200663.1) 2012-01-16

[21] **2,801,393**
[13] A1

[51] **Int.Cl. B65D 5/52 (2006.01)**
[25] EN
[54] **PRODUCT AND POINT OF SALE DISPLAY PACKAGING**
[54] **PRODUIT ET EMBALLAGE POUR PRESENTOIR DE POINT DE VENTE**
[72] BRANDINELLI, JOHN W., US
[71] MATTEL, INC., US
[22] 2013-01-08
[41] 2013-07-19
[30] US (13/353,890) 2012-01-19

[21] **2,801,437**
[13] A1

[51] **Int.Cl. B25B 13/04 (2006.01) B25B 13/48 (2006.01)**
[25] EN
[54] **WRENCH**
[54] **CLE**
[72] MERHAR, THOMAS, LI
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2013-01-10
[41] 2013-07-18
[30] DE (102012200644.3) 2012-01-18

[21] **2,801,477**
[13] A1

[51] **Int.Cl. C10J 3/72 (2006.01) C02F 1/20 (2006.01) C02F 3/32 (2006.01)**
[25] EN
[54] **SYSTEM FOR DEAERATION IN A FLASH VESSEL**
[54] **SYSTEME DE DESAERATION DANS UN BALLON DE FLASHING**
[72] BRAHMBHATT, VISHAL
RUGNATHBHAI, US
[72] STEVENSON, JOHN SAUNDERS, US
[72] KONDA, SRIKANTH, US
[72] BENIPAL, RUPINDER, SINGH, US
[72] GULKO, GEORGE MORRIS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-01-10
[41] 2013-07-18
[30] US (13/353,208) 2012-01-18

[21] **2,801,478**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **DETERMINATION OF THE LOCATION OF AN ELECTRICAL DISTURBANCE**
[54] **DETERMINATION DE L'EMPLACEMENT D'UNE PERTURBATION ELECTRIQUE**
[72] DAVIS, ANDREW CERI, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2013-01-10
[41] 2013-07-20
[30] GB (1200986.6) 2012-01-20

[21] **2,801,485**
[13] A1

[51] **Int.Cl. E21B 47/113 (2012.01)**
[25] EN
[54] **FIBER OPTIC FORMATION DIMENSIONAL CHANGE MONITORING**
[54] **SURVEILLANCE DU CHANGEMENT DIMENSIONNEL D'UNE FORMATION DE FIBRES OPTIQUES**
[72] HARTOG, ARTHUR H., GB
[72] READ, BARRY, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2013-01-08
[41] 2013-07-20
[30] US (13/354,629) 2012-01-20

[21] **2,801,490**
[13] A1

[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **FRACTAL FEATURES FOR ENHANCED TEAR EXCHANGE**
[54] **CARACTERISTIQUES FRACTALES POUR UN ECHANGE LACRYMAL AMELIORE**
[72] HOFMANN, GREGORY J., US
[72] JUBIN, PHILIPPE F., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2013-01-09
[41] 2013-07-18
[30] US (13/352,898) 2012-01-18

[21] **2,801,507**
[13] A1

[51] **Int.Cl. G11C 16/00 (2006.01) G11C 16/02 (2006.01) H01L 51/30 (2006.01)**
[25] EN
[54] **MEMORY DEVICE BASED ON CONDUCTANCE SWITCHING IN POLYMER/ELECTROLYTE JUNCTIONS**
[54] **DISPOSITIF DE MEMOIRE FONDE SUR LA COMMUTATION DE CONDUCTANCE DANS DES JONCTIONS POLYMERES ET ELECTROLYTIQUES**
[72] MCCREERY, RICHARD L., CA
[72] SHOUTE, LIAN C. T., CA
[72] WU, YILIANG, CA
[71] XEROX CORPORATION, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2013-01-11
[41] 2013-07-18
[30] US (13/352,597) 2012-01-18

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[21] **2,801,562**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **VARIABLE FLOW RESISTANCE SYSTEM WITH CIRCULATION INDUCING STRUCTURE THEREIN TO VARIABLY RESIST FLOW IN A SUBTERRANEAN WELL**

[54] **SYSTEME DE RESISTANCE A L'ECOULEMENT VARIABLE DOTE D'UNE STRUCTURE PROVOQUANT LA CIRCULATION POUR RESISTER DE MANIERE VARIABLE A L'ECOULEMENT DANS UN PUIT SOUTERRAIN**

[72] DYKSTRA, JASON D., US

[72] FRIPP, MICHAEL L., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2013-01-11

[41] 2013-07-16

[30] US (13/351,035) 2012-01-16

[21] **2,801,590**
[13] A1

[51] **Int.Cl. A47J 43/04 (2006.01) A47J 43/046 (2006.01) B01F 7/16 (2006.01) F16L 5/00 (2006.01) H02G 3/36 (2006.01)**

[25] EN

[54] **ELECTRICAL CORD ATTACHMENT ASSEMBLY FOR A HAND MIXER**

[54] **ENSEMBLE DE FIXATION DE CORDON ELECTRIQUE POUR UN BATTEUR A MAIN**

[72] MCCORMICK, ARREN J., US

[72] ROBERTS, ANTHONY S., US

[72] VANANTWERP, TIMOTHY PATRICK, US

[72] WOLTERS, JEREMY T., US

[72] COLASANTI, JOHN, US

[71] WHIRLPOOL CORPORATION, US

[22] 2013-01-10

[41] 2013-07-20

[30] US (13/354,480) 2012-01-20

[21] **2,801,592**
[13] A1

[51] **Int.Cl. F01D 21/00 (2006.01) F02C 9/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR MANAGING POWER OF AN ENGINE**

[54] **PROCEDES ET SYSTEMES DE GESTION D'ENERGIE D'UN MOTEUR**

[72] KUMAR, ADITYA, US

[72] CHATTERJEE, SANTANU, US

[72] BONANNI, PIERINO GIANNI, US

[72] TAWARE, AVINASH VINAYAK, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2013-01-10

[41] 2013-07-18

[30] US (13/352,729) 2012-01-18

[21] **2,801,652**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01) F16L 5/00 (2006.01)**

[25] EN

[54] **ACCESS PORT HAVING ROLLABLE PROXIMAL END**

[54] **ORIFICE D'ACCES COMPORTANT UNE EXTREMITE PROXIMALE ENROULABLE**

[72] SMITH, ROBERT C., US

[71] COVIDIEN LP, US

[22] 2013-01-08

[41] 2013-07-19

[30] US (61/588,294) 2012-01-19

[30] US (13/734,093) 2013-01-04

[21] **2,801,667**
[13] A1

[51] **Int.Cl. G07F 17/34 (2006.01)**

[25] EN

[54] **GAMING SYSTEM, GAMING DEVICE, AND METHOD FOR PROVIDING A CASCADING SYMBOLS GAME WHICH REUSES DISCARDED SYMBOLS**

[54] **SYSTEME DE JEU, DISPOSITIF DE JEU ET PROCEDE POUR FOURNIR UN JEU DE SYMBOLES EN CASCADE QUI REUTILISE DES SYMBOLES ECARTES**

[72] SAUNDERS, BRIAN F., US

[71] IGT, US

[22] 2013-01-08

[41] 2013-07-19

[30] US (13/353,860) 2012-01-19

[30] US (13/353,920) 2012-01-19

[30] US (13/353,775) 2012-01-19

[21] **2,801,681**
[13] A1

[51] **Int.Cl. D06F 59/00 (2006.01) A47B 81/00 (2006.01) A47G 25/10 (2006.01)**

[25] EN

[54] **DRYER FOR GAS MASKS**

[54] **SECHOIR POUR MASQUES A GAZ**

[72] WILLIAMS, GARY, CA

[71] WILLIAMS BOOT & GLOVE DRYERS INC., CA

[22] 2013-01-14

[41] 2013-07-19

[30] US (61/588,238) 2012-01-19

[30] US (13/738,017) 2013-01-10

[21] **2,801,725**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H04W 84/18 (2009.01) H04R 3/00 (2006.01)**

[25] EN

[54] **MANAGEMENT UNIT WITH MICROPHONE**

[54] **UNITE DE GESTION D'ENERGIE MUNIE D'UN MICROPHONE**

[72] BORRAS, JAIME ANDRES, US

[72] OWENS, BETSY, US

[71] SEARS BRANDS, LLC, US

[22] 2013-01-14

[41] 2013-07-17

[30] US (13/351,918) 2012-01-17

[21] **2,801,742**
[13] A1

[51] **Int.Cl. H02J 3/06 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR PROVIDING AN APPLIANCE HYBRID MODE**

[54] **METHODES ET SYSTEMES D'ALIMENTATION ELECTRIQUE HYBRIDE D'UN APPAREIL**

[72] BORRAS, JAIME ANDRES, US

[72] OWENS, BETSY, US

[71] SEARS BRANDS, LLC, US

[22] 2013-01-14

[41] 2013-07-17

[30] US (13/351,880) 2012-01-17

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[21] **2,801,744**
[13] A1

[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **MATERIAL REMOVAL DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE PRELEVEMENT DE TISSU ET METHODE D'UTILISATION**
[72] KUSLEIKA, RICHARD, US
[71] COVIDIEN LP, US
[22] 2013-01-14
[41] 2013-07-17
[30] US (61/587,369) 2012-01-17

[21] **2,801,767**
[13] A1

[51] **Int.Cl. H04N 7/30 (2006.01) H04N 7/50 (2006.01)**
[25] EN
[54] **MULTIPLE SIGN BIT HIDING WITHIN A TRANSFORM UNIT**
[54] **BITS DE SIGNE MULTIPLES CACHES DANS UNE UNITE DE TRANSFORMATION**
[72] WANG, JING, CA
[72] HE, DAKE, CA
[72] YU, XIANG, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-04
[41] 2013-07-20
[30] EP (12151973.0) 2012-01-20

[21] **2,801,841**
[13] A1

[51] **Int.Cl. E04D 1/22 (2006.01) D06N 5/00 (2006.01) E04D 3/18 (2006.01)**
[25] FR
[54] **FIREPROOF CELLULOSE BITUMEN COVER PLATE AND FABRICATION PROCESS THEREOF**
[54] **PLAQUE DE COUVERTURE CELLULOSIQUE BITUMEE RESISTANTE AU FEU ET PROCEDE DE FABRICATION**
[72] THOMAS, MICHEL, FR
[72] FOUTEL, MARTIN, FR
[72] BARRE, FABIEN, FR
[72] MAFFEI, ILARIO, IT
[72] BOCCHIN, VALTER, IT
[71] ONDULINE, FR
[22] 2013-01-11
[41] 2013-07-20
[30] FR (12 50587) 2012-01-20

[21] **2,802,040**
[13] A1

[51] **Int.Cl. H04W 8/20 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **IMPROVING THE EFFICIENCY OF ELECTRONIC MESSAGE COMMUNICATIONS BETWEEN MOBILE COMMUNICATION DEVICES**
[54] **AMELIORATION DE L'EFFICACITE DES COMMUNICATIONS DE MESSAGES ELECTRONIQUES ENTRE DES APPAREILS DE COMMUNICATION MOBILES**
[72] HYMEL, JAMES ALLEN, US
[72] BYRD, THOMAS EDWARD, GB
[72] PATON, WILLIAM ALEXANDER, CA
[72] KIKIC, EDVARD, CA
[72] BOUCHARD, JEAN PHILIPPE, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-15
[41] 2013-07-19
[30] EP (12151824.5) 2012-01-19

[21] **2,802,056**
[13] A1

[51] **Int.Cl. F16J 15/18 (2006.01)**
[25] EN
[54] **SEAL RING BACKUP DEVICES AND METHODS FOR PREVENTING EXTRUSION**
[54] **DISPOSITIFS DE SECOURS A JOINTS D'ETANCHEITE ET PROCEDES POUR PREVENIR L'EXTRUSION**
[72] BRADSHAW, RICHARD S., US
[72] SLAY, JEREMY BUC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2013-01-14
[41] 2013-07-18
[30] US (13/352,829) 2012-01-18

[21] **2,802,060**
[13] A1

[51] **Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) B64D 35/00 (2006.01) B64D 41/00 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH PYLON MOUNTED ACCESSORY DRIVE**
[54] **TURBOMOTEUR AVEC PRISE ACCESSOIRE MONTEE SUR LE SUPPORT**
[72] WINTER, MICHAEL, US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2013-01-14
[41] 2013-07-17
[30] US (13/352,281) 2012-01-17

[21] **2,802,062**
[13] A1

[51] **Int.Cl. F23R 3/00 (2006.01)**
[25] EN
[54] **COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION POUR TURBINE A GAZ**
[72] STASTNY, HONZA, CA
[72] VERHIEL, JEFFREY RICHARD, CA
[72] SAMPATH, PARTHASARATHY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-01-15
[41] 2013-07-18
[30] US (13/352,889) 2012-01-18

[21] **2,802,090**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **WOUND PROTECTOR INCLUDING FLEXIBLE AND RIGID LINERS**
[54] **PROTECTEUR DE BLESSURE COMPORTANT DES DOUBLURES FLEXIBLES ET RIGIDES**
[72] SMITH, ROBERT C., US
[71] COVIDIEN LP, US
[22] 2013-01-15
[41] 2013-07-19
[30] US (61/588,324) 2012-01-19
[30] US (13/729,085) 2012-12-28

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[21] **2,802,123**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **ELECTRONIC LOCKBOX TRANSACTION PROCESSING**
[54] **TRAITEMENT DE TRANSACTIONS DANS UN BOITIER ELECTRONIQUE DE SECURITE**
[72] NEINAST, WILLIAM H., US
[72] HOWE, TERA L., US
[72] MILLER, GORDON F., JR., US
[72] WALDAL, JUDITH A., US
[72] WILSON, GERALD WHITNEY, III, US
[72] HAWKINS, LOUIS A., US
[72] MAZGELIS, CLEMENT, US
[71] BANK OF AMERICA CORPORATION, US
[22] 2013-01-10
[41] 2013-07-17
[30] US (61/587,340) 2012-01-17
[30] US (13/452,378) 2012-04-20

[21] **2,802,181**
[13] A1

[51] **Int.Cl. B07C 3/00 (2006.01)**
[25] EN
[54] **ELECTRONIC LOCKBOX IMPLEMENTATION AND MANAGEMENT**
[54] **MISE EN PLACE ET GESTION D'UN BOITIER DE SECURITE ELECTRONIQUE**
[72] NEINAST, WILLIAM H., US
[72] HOWE, TERA L., US
[72] MILLER, GORDON F., JR., US
[72] WALDAL, JUDITH A., US
[72] HAWKINS, LOUIS A., US
[72] WILSON, GERALD WHITNEY, III, US
[72] MAZGELIS, CLEMENT, US
[71] BANK OF AMERICA CORPORATION, US
[22] 2013-01-10
[41] 2013-07-17
[30] US (61/587,340) 2012-01-17
[30] US (13/452,306) 2012-04-20

[21] **2,802,199**
[13] A1

[51] **Int.Cl. H01M 4/62 (2006.01) H01M 4/13 (2010.01) H01M 4/136 (2010.01) H01M 4/139 (2010.01) H01M 4/1397 (2010.01) H01M 10/0525 (2010.01)**
[25] FR
[54] **CATHODE FOR LITHIUM-ION BATTERY CELL, ITS FABRICATION PROCESS AND BATTERY THEREIN**
[54] **CATHODE POUR CELLULE DE BATTERIE LITHIUM-ION, SON PROCEDE DE FABRICATION ET CETTE BATTERIE L'INCORPORANT**
[72] VOILLEQUIN, BAPTISTE, FR
[72] AYME-PERROT, DAVID, FR
[72] DUFOUR, BRUNO, FR
[72] SONNTAG, PHILIPPE, FR
[71] HUTCHINSON, FR
[22] 2013-01-07
[41] 2013-07-17
[30] FR (12 50 457) 2012-01-17

[21] **2,802,175**
[13] A1

[51] **Int.Cl. E21B 1/30 (2006.01)**
[25] EN
[54] **DOWN-HOLE HAMMER DRILL MARTEAU PERFORATEUR POUR BAS DE Puits**
[72] LORGER, TONY, AU
[71] DRILLROC PNEUMATIC PTY LTD, AU
[22] 2013-01-17
[41] 2013-07-17
[30] US (13/351,454) 2012-01-17

[21] **2,802,191**
[13] A1

[51] **Int.Cl. A43B 3/10 (2006.01) A43B 3/30 (2006.01) A63H 3/14 (2006.01)**
[25] EN
[54] **PUPPET/SLIPPER COMBINATION**
[54] **COMBINAISON MARIONNETTE/PANTOUFLE**
[72] KELLEY, CHERYL, US
[71] GREEN MARKET SERVICES CO., INC., US
[22] 2013-01-17
[41] 2013-07-17
[30] US (13/351756) 2012-01-17

[21] **2,802,200**
[13] A1

[51] **Int.Cl. H04B 1/40 (2006.01) H04W 88/02 (2009.01) H04B 5/02 (2006.01) H04B 7/04 (2006.01)**
[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE INCLUDING NFC ANTENNA SCANNING SWITCH AND RELATED METHODS**
[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE A COMMUTATEUR DE BALAYAGE D'ANTENNE DE COMMUNICATION EN CHAMP PROCHE ET PROCEDES CONNEXES**
[72] LEWIN, MATHIAS, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-15
[41] 2013-07-20
[30] EP (12151981.3) 2012-01-20

[21] **2,802,177**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF OPTIMIZING RESOURCES FOR EMULATION**
[54] **SYSTEME ET METHODE D'AMELIORATION DE L'EMULATION**
[72] MORELLI, GIOVANNI J., CA
[71] SPHERE 3D INC., CA
[22] 2013-01-15
[41] 2013-07-16
[30] CA (2,764,354) 2012-01-16

[21] **2,802,194**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) H04W 88/02 (2009.01) A45F 5/00 (2006.01) G06F 17/00 (2006.01) A45C 11/24 (2006.01)**
[25] EN
[54] **PORTABLE DEVICE HOLSTERING RESPONSE**
[54] **DISPOSITIF PORTATIF DETECTANT L'ETAT PORTE/NON PORTE**
[72] FILES, JACE WILLIAM, US
[72] PERTUIT, MICHAEL JOSEPH, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-15
[41] 2013-07-17
[30] EP (12151444.2) 2012-01-17

**Canadian Applications Open to Public Inspection
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[21] **2,802,228**
[13] A1

[51] **Int.Cl. A61G 17/08 (2006.01) A47G 33/00 (2006.01) A61G 19/00 (2006.01) E04H 13/00 (2006.01)**

[25] EN

[54] **FUNERAL URN SYSTEM AND METHOD OF USING SAME**

[54] **SYSTEME D'URNE FUNERAIRE ET SA METHODE D'UTILISATION**

[72] LANGELIER, MARC, CA

[71] LANGELIER, MARC, CA

[22] 2013-01-10

[41] 2013-07-19

[30] GB (1200948.6) 2012-01-19

[21] **2,802,253**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) G06F 9/06 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF MANAGING ACCESS TO REMOTE RESOURCES**

[54] **SYSTEME ET METHODE DE GESTION DES ACCES A DISTANCE**

[72] MORELLI, GIOVANNI J., CA

[71] SPHERE 3D INC., CA

[22] 2013-01-16

[41] 2013-07-16

[30] CA (2,764,283) 2012-01-16

[21] **2,802,257**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/84 (2006.01)**

[25] EN

[54] **MOBILE PROSTHESIS FOR INTERPOSITIONAL LOCATION BETWEEN BONE JOINT ARTICULAR SURFACES AND METHOD OF USE**

[54] **PROTHESE MOBILE POUR INTERPOSITION ENTRE LES SURFACES ARTICULAIRES D'UNE ARTICULATION OSSEUSE ET METHODE D'UTILISATION**

[72] SCHWARTZ, MARVIN, CA

[71] SCHWARTZ, MARVIN, CA

[22] 2013-01-16

[41] 2013-07-18

[30] US (13/352,399) 2012-01-18

[21] **2,802,258**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **LOW VOLUME ASSAY DEVICE HAVING INCREASED SENSITIVITY**

[54] **DISPOSITIF D'ESSAI A FAIBLE VOLUME A SENSIBILITE ACCRUE**

[72] HOSIMER, PHILIP C., US

[72] DING, ZHONG, US

[72] HEAVNER, DAVID A., US

[72] SCALICE, EDWARD R., US

[72] DANIELSON, SUSAN, US

[72] KANALEY, JAMES D., US

[72] TOMASSO, DAVID A., US

[72] WARREN, TIMOTHY C., US

[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[22] 2013-01-18

[41] 2013-07-20

[30] US (61/588,758) 2012-01-20

[21] **2,802,260**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **CONTROLLING FLUID FLOW THROUGH AN ASSAY DEVICE**

[54] **REGULATION D'ECOULEMENT D'UN FLUIDE DANS UN DISPOSITIF D'ESSAI**

[72] KANALEY, JAMES D., US

[72] DING, ZHONG, US

[72] HOSIMER, PHILIP C., US

[72] SCALICE, EDWARD R., US

[72] DANIELSON, SUSAN, US

[72] TOMASSO, DAVID A., US

[72] WARREN, TIMOTHY C., US

[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[22] 2013-01-18

[41] 2013-07-20

[30] US (61/588,772) 2012-01-20

[21] **2,802,267**
[13] A1

[51] **Int.Cl. B65D 23/10 (2006.01) A45F 5/10 (2006.01) B65D 1/02 (2006.01)**

[25] EN

[54] **HANDLE FOR A PLASTIC BOTTLE**

[54] **POIGNEE POUR BOUTEILLE DE PLASTIQUE**

[72] IWASHITA, HIROMASA, US

[71] THE COCA-COLA COMPANY, US

[22] 2013-01-21

[41] 2013-07-19

[30] JP (2012009259) 2012-01-19

[21] **2,802,285**
[13] A1

[51] **Int.Cl. H04N 7/30 (2006.01)**

[25] EN

[54] **METHODS AND DEVICES FOR CONTEXT SET SELECTION**

[54] **METHODES ET DISPOSITIFS DE SELECTION D'UN ENSEMBLE DE CONTEXTES**

[72] NGUYEN, NGUYEN, CA

[72] JI, TIANYING, CA

[72] HE, DAKE, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-01-14

[41] 2013-07-20

[30] EP (12151965.6) 2012-01-20

[21] **2,802,306**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01) G01D 7/00 (2006.01) G05D 23/19 (2006.01)**

[25] EN

[54] **ENVIRONMENT CONTROLLER PROVIDING STATE-BASED CONTROL MENUS AND ENVIRONMENT CONTROL METHOD**

[54] **METHODE ET MANDATAIRE POUR LE TRANSPORT DE REPONSES IP SUR UN RESEAU TOLERANT AUX DELAIS**

[72] PELLETIER, CHARLES, CA

[72] GAGNON, DOMINIC, CA

[71] DISTECH CONTROLS INC., CA

[22] 2013-01-14

[41] 2013-07-20

[30] US (61/589,373) 2012-01-22

[30] US (61/588,900) 2012-01-20

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[21] **2,802,310**
[13] A1

[51] **Int.Cl. A47C 27/14 (2006.01) A47C 21/04 (2006.01) A47C 27/05 (2006.01)**
 [25] EN
 [54] **MATTRESS AND SIDE RAIL ASSEMBLIES HAVING HIGH AIRFLOW**
 [54] **ENSEMBLES MATELAS ET RAIL LATÉRAL AYANT UNE CIRCULATION D'AIR ÉLEVÉ**
 [72] CHUNGLO, CHRISTOPHER F., US
 [71] DREAMWELL, LTD., US
 [22] 2013-01-15
 [41] 2013-07-19
 [30] US (13/354,015) 2012-01-19

[21] **2,802,336**
[13] A1

[51] **Int.Cl. B29C 70/44 (2006.01) F01D 5/14 (2006.01) F03D 1/06 (2006.01) F03D 3/06 (2006.01)**
 [25] EN
 [54] **WIND TURBINE ROTOR BLADE WITH TRAILING EDGE COMPRISING ROVINGS**
 [54] **PALE DE ROTOR D'EOLIENNE AVEC BORD DE FUITE COMPORTANT DES STRATIFILS**
 [72] MADSEN, KRISTIAN LEHMANN, DK
 [71] SIEMENS AKTIENGESELLSCHAFT, DE
 [22] 2013-01-18
 [41] 2013-07-20
 [30] EP (12151903.7) 2012-01-20

[21] **2,802,340**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) H04W 4/02 (2009.01) G06Q 20/28 (2012.01) G06Q 30/02 (2012.01) G06F 19/00 (2011.01) G06K 19/07 (2006.01) H04B 1/59 (2006.01) H04B 5/00 (2006.01) H04B 7/26 (2006.01) G06K 9/18 (2006.01)**
 [25] EN
 [54] **SYSTEM AND METHOD FOR AN ELECTRONIC GIFT KEY**
 [54] **SYSTÈME ET PROCÉDÉ POUR UNE CLE CADEAU ÉLECTRONIQUE**
 [72] DOOLEY, CHRISTOPHER P., US
 [72] TAYLOR, LOREN T., US
 [72] NIELSEN, PAUL S. (DECEASED), US
 [71] PRODUCT SPRING, LLC, US
 [71] TAYLORED CONCEPTS, LLC, US
 [22] 2013-01-18
 [41] 2013-07-20
 [30] US (13/355,279) 2012-01-20
 [30] US (13/734,252) 2013-01-04
 [30] US (13/741,780) 2013-01-15

[21] **2,802,343**
[13] A1

[51] **Int.Cl. E21C 35/00 (2006.01)**
 [25] EN
 [54] **A SYSTEM AND METHOD FOR VIBRATION MONITORING OF A MINING MACHINE**
 [54] **SYSTÈME ET PROCÉDÉ POUR SURVEILLANCE DES VIBRATIONS D'UNE MACHINE DE MINE**
 [72] DANIEL, KENNETH J., US
 [72] TORRES, JOSE, CL
 [72] EMERSON, MARK, US
 [71] HARNISCHFEGGER TECHNOLOGIES, INC., US
 [22] 2013-01-18
 [41] 2013-07-18
 [30] US (61/587,890) 2012-01-18
 [30] US (61/594,234) 2012-02-02

[21] **2,802,350**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 4/06 (2009.01)**
 [25] EN
 [54] **APPARATUS, AND ASSOCIATED METHOD, FOR RECONNECTING DROPPED CALL**
 [54] **APPAREIL ET PROCÉDÉ CONNEXE POUR LE RETABLISSEMENT D'APPEL INTERROMPU**
 [72] RITTER, ERIC MARTIN, CA
 [72] OLIVER, BRIAN ALEXANDER, CA
 [72] GOGUEN, JOSEPH PATRICK THOMAS, US
 [72] GEORGE, RICHARD JOHN, CA
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-01-18
 [41] 2013-07-20
 [30] EP (12151944.1) 2012-01-20

[21] **2,802,369**
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) H04W 12/02 (2009.01) G06F 3/0481 (2013.01) G06F 21/31 (2013.01) G06F 9/445 (2006.01) G06Q 10/10 (2012.01)**
 [25] EN
 [54] **PREDICTIVE CONTEXT-AWARE DYNAMIC LOCK SCREEN**
 [54] **ÉCRAN DE VERROUILLAGE DYNAMIQUE SENSIBLE AU CONTEXTE PREDICTIF**
 [72] CHIRIYANKANDATH, CIPSON JOSE, US
 [71] RESEARCH IN MOTION LIMITED, CA
 [22] 2013-01-16
 [41] 2013-07-20
 [30] EP (12151950.8) 2012-01-20

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[21] **2,802,374**
[13] A1

[51] **Int.Cl. G06F 3/044 (2006.01) G06F 1/16 (2006.01) H03K 17/96 (2006.01)**
[25] EN
[54] **DEVICE AND ACCESSORY WITH CAPACITIVE TOUCH POINT PASS-THROUGH**
[54] **DISPOSITIF ET ACCESSOIRE AVEC OUVERTURE DE PASSAGE POUR CAPTEUR TACTILE CAPACITIF**
[72] MCKENZIE, DONALD SOMERSET, CA
[72] MURCHISON, IAN JAMES, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-16
[41] 2013-07-18
[30] EP (12151634.8) 2012-01-18

[21] **2,802,379**
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/0481 (2013.01) G06F 9/06 (2006.01)**
[25] EN
[54] **SIMULTANEOUS DISPLAY OF MULTIPLE MAXIMIZED APPLICATIONS ON TOUCH SCREEN ELECTRONIC DEVICES**
[54] **AFFICHAGE SIMULTANE DE MULTIPLES APPLICATIONS MAXIMISEES SUR DES APPAREILS ELECTRONIQUES A ECRAN TACTILE**
[72] LAVALLEE, JOSHUA JOHN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-16
[41] 2013-07-19
[30] EP (12151825.2) 2012-01-19

[21] **2,802,381**
[13] A1

[51] **Int.Cl. A42B 3/20 (2006.01) A42B 3/22 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY FOR A FACE SHIELD**
[54] **DISPOSITIF DE FIXATION DE MASQUE PROTECTEUR**
[72] TATOMIR, WALLY WAYNE, US
[71] TATOMIR, WALLY WAYNE, US
[22] 2013-01-15
[41] 2013-07-19
[30] US (13/353,552) 2012-01-19

[21] **2,802,382**
[13] A1

[51] **Int.Cl. B24D 15/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE ABRASIVE SHARPENER**
[54] **AFFUTEUR ABRASIF REGLABLE**
[72] SMITH, RICHARD S., US
[72] CHALFANT, LOUIS, US
[71] SMITH'S CONSUMER PRODUCTS, INC., US
[22] 2013-01-15
[41] 2013-07-17
[30] US (61/632,038) 2012-01-17
[30] US (13/660,994) 2012-10-25

[21] **2,802,385**
[13] A1

[51] **Int.Cl. H02K 5/16 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**
[72] LI, WENBING, CN
[72] SUN, XINHUI, CN
[72] XU, ANSHENG, CN
[72] HUANG, DEQUN, CN
[72] WANG, WEI, CN
[71] REGAL BELOIT AMERICA, INC., US
[22] 2013-01-16
[41] 2013-07-17
[30] US (61/587,482) 2012-01-17

[21] **2,802,396**
[13] A1

[51] **Int.Cl. H04L 12/12 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING EMULATION SESSIONS**
[54] **SYSTEME ET METHODE DE GESTION D'EMULATIONS**
[72] MORELLI, GIOVANNI J., CA
[71] SPHERE 3D INC., CA
[22] 2013-01-16
[41] 2013-07-16
[30] CA (2,764,362) 2012-01-16

[21] **2,802,400**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 28/08 (2009.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **MOBILE WIFI NETWORK**
[54] **RESEAU MOBILE SANS FIL**
[72] COOK, MICHAEL J., US
[72] ONG, IVAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2013-01-16
[41] 2013-07-17
[30] US (13/351,585) 2012-01-17

[21] **2,802,444**
[13] A1

[51] **Int.Cl. A01M 1/10 (2006.01)**
[25] EN
[54] **BED BUG TRAP, CARBON DIOXIDE GENERATOR, AND TRAVEL KIT**
[54] **PIEGE A PUNAISES DE LIT, GENERATEUR DE DIOXYDE DE CARBONE ET TROUSSE DE VOYAGE**
[72] VASUDEVA, KAILASH C., CA
[72] SINGH, SATNAM, CA
[71] BUG ELIMINATION AND PREVENTION CORPORATION, CA
[22] 2013-01-16
[41] 2013-07-17
[30] US (61/587,258) 2012-01-17
[30] US (61/678,588) 2012-08-01
[30] US (61/716,054) 2012-10-19

[21] **2,802,453**
[13] A1

[51] **Int.Cl. H04B 1/04 (2006.01) H04W 88/02 (2009.01) H03H 7/18 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH IMPEDANCE MATCHING AND RELATED METHODS**
[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE AVEC ADAPTATION D'IMPEDANCE ET METHODES CONNEXES**
[72] DEVISON, STEPHEN ARNOLD, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-17
[41] 2013-07-20
[30] EP (12151978.9) 2012-01-20

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[21] **2,802,458**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **SYNCHRONIZING ENDPOINT DATA STORES HAVING DISPARATE SCHEMAS**
[54] **MAGASINS DE DONNEES DE POINT D'EXTREMITE DE SYNCHRONISATION AYANT DES SCHEMAS DISPARATES**
[72] WYATT, DEREK QUINN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-16
[41] 2013-07-20
[30] US (13/354,493) 2012-01-20

[21] **2,802,466**
[13] A1

[51] **Int.Cl. H02K 3/46 (2006.01) H02K 3/28 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**
[72] LI, WENBING, CN
[72] SUN, XINHUI, CN
[72] XU, ANSHENG, CN
[72] HUANG, DEQUN, CN
[72] WANG, WEI, CN
[71] REGAL BELOIT AMERICA, INC., US
[22] 2013-01-16
[41] 2013-07-17
[30] US (61/587,482) 2012-01-17

[21] **2,802,468**
[13] A1

[51] **Int.Cl. G08B 5/36 (2006.01) G08B 5/38 (2006.01)**
[25] EN
[54] **LED BEACON**
[54] **BALISE A DEL**
[72] DATZ, R. MICHAEL, US
[72] VUKOSIC, STEPHEN T., US
[72] MACK, ANDREW, US
[71] STAR HEADLIGHT & LANTERN CO., INC., US
[22] 2013-01-21
[41] 2013-07-19
[30] US (13/354,316) 2012-01-19

[21] **2,802,470**
[13] A1

[51] **Int.Cl. A01M 1/10 (2006.01)**
[25] EN
[54] **BED BUG TRAP WITH INDICATION OF BED BUG SOURCE**
[54] **PIEGE A PUNAISES DE LIT AVEC INDICATION DE LA PROVENANCE DES PUNAISES**
[72] VASUDEVA, KAILASH C., CA
[72] SINGH, SATNAM, CA
[71] BUG ELIMINATION AND PREVENTION CORPORATION, CA
[22] 2013-01-16
[41] 2013-07-17
[30] US (61/587,265) 2012-01-17

[21] **2,802,476**
[13] A1

[51] **Int.Cl. B65D 75/28 (2006.01)**
[25] EN
[54] **FLEXIBLE PACKAGE**
[54] **EMBALLAGE FLEXIBLE**
[72] GAGNE, JOSEPH, US
[72] MCARTHUR, DONALD, US
[72] HUFFER, SCOTT, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2013-01-16
[41] 2013-07-18
[30] US (61/587,787) 2012-01-18

[21] **2,802,540**
[13] A1

[51] **Int.Cl. F24F 3/14 (2006.01)**
[25] EN
[54] **DEHUMIDIFICATION SYSTEM**
[54] **SYSTEME DE DESHUMIDIFICATION**
[72] OHS, DOUGLAS G., US
[71] OHS, DOUGLAS G., US
[22] 2013-01-21
[41] 2013-07-20
[30] US (13/355,007) 2012-01-20

[21] **2,802,570**
[13] A1

[51] **Int.Cl. B65D 83/20 (2006.01)**
[25] EN
[54] **COMBINED CAP AND ACTUATOR DEVICE FOR AEROSOL CONTAINER**
[54] **CAPUCHON ET DISPOSITIF ACTIONNEUR COMBINES POUR AEROSOL**
[72] HORNLAND, LLOYD, CA
[71] HORNLAND, LLOYD, CA
[22] 2013-01-17
[41] 2013-07-19
[30] US (61/588,362) 2012-01-19

[21] **2,802,572**
[13] A1

[51] **Int.Cl. G01V 1/50 (2006.01) E21B 47/06 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **ASSESSING STRESS STRAIN AND FLUID PRESSURE IN STRATA SURROUNDING A BOREHOLE BASED ON BOREHOLE CASING RESONANCE**
[54] **EVALUATION DE LA TENSION-EFFORT ET DE LA PRESSION D'EAU INTERSTITIELLE DANS LES STRATES ENTOURANT UN TROU DE FORAGE EN FONCTION DE LA RESONANCE DU TUBAGE DE CE DERNIER**
[72] ST-ONGE, ANDRE, CA
[72] EATON, DAVID, CA
[72] PIDLISECKY, ADAM, CA
[71] ST-ONGE, ANDRE, CA
[71] EATON, DAVID, CA
[71] PIDLISECKY, ADAM, CA
[22] 2013-01-31
[41] 2013-07-19
[30] US (13/353,376) 2012-01-19

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[21] **2,802,573**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 20/40 (2012.01) G07F 17/24 (2006.01) G08G 1/14 (2006.01)**

[25] EN

[54] **NON-ENFORCEMENT AUTONOMOUS PARKING MANAGEMENT SYSTEM AND METHODS**

[54] **SYSTEME ET PROCEDES DE GESTION DE STATIONNEMENT AUTONOME A NON-APPLICATION**

[72] APARICIO, JUAN, US

[72] DEJORI, MATHAEUS, US

[72] ROSCA, JUSTINIAN, US

[71] SIEMENS CORPORATION, US

[22] 2013-01-17

[41] 2013-07-19

[30] US (13/353,441) 2012-01-19

[21] **2,802,575**
[13] A1

[51] **Int.Cl. G01R 3/00 (2006.01) H02B 1/03 (2006.01) H02B 3/00 (2006.01)**

[25] EN

[54] **METER PULLER WITH SAFETY SHIELD**

[54] **APPAREIL DE TRACTION D'INSTRUMENT DE MESURE COMPORTANT UN ECRAN PROTECTEUR**

[72] STILLWAGON, JAMES R., US

[71] KILVERT, LLC, US

[22] 2013-01-17

[41] 2013-07-19

[30] US (13/354,034) 2012-01-19

[21] **2,802,579**
[13] A1

[51] **Int.Cl. E04B 1/94 (2006.01) A62C 2/06 (2006.01)**

[25] EN

[54] **FIRE-RATED JOINT SYSTEM**

[54] **SYSTEME DE JOINT CLASSE RESISTANT AU FEU**

[72] PILZ, DON A., US

[72] POLIQUIN, RAYMOND E., US

[72] PORTER, THOMAS, US

[71] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US

[22] 2013-01-17

[41] 2013-07-20

[30] US (61/589,188) 2012-01-20

[30] US (13/426,314) 2012-03-21

[30] US (13/560,805) 2012-07-27

[21] **2,802,585**
[13] A1

[51] **Int.Cl. E04B 2/68 (2006.01) E04B 1/61 (2006.01) E04C 2/28 (2006.01)**

[25] FR

[54] **PREFABRICATED MODULAR CONSTRUCTION ELEMENT FOR BUILDING A WALL**

[54] **ELEMENT DE CONSTRUCTION MODULAIRE PREFABRIQUE POUR LA REALISATION DE MUR**

[72] FARJOT, ERIC, FR

[72] LAPLASSOTTE, PASCAL, FR

[71] FARJOT, ERIC, FR

[22] 2013-01-11

[41] 2013-07-16

[30] FR (12/50382) 2012-01-16

[21] **2,802,594**
[13] A1

[51] **Int.Cl. B05D 1/22 (2006.01) B05C 3/02 (2006.01)**

[25] EN

[54] **COATING APPARATUS**

[54] **APPAREIL DE REVETEMENT**

[72] BAMFORD, BRAD, CA

[71] AUTOMATIC COATING LIMITED, CA

[22] 2013-01-17

[41] 2013-07-17

[30] US (61/587,605) 2012-01-17

[21] **2,802,597**
[13] A1

[51] **Int.Cl. B29C 69/00 (2006.01) C08J 3/20 (2006.01) C08K 3/30 (2006.01) C08L 23/06 (2006.01) C08L 59/00 (2006.01) C08L 71/10 (2006.01)**

[25] EN

[54] **X-RAY DETECTABLE PLASTICS**

[54] **MATIERES PLASTIQUES DETECTABLES PAR RAYONS X**

[72] BROWN, TIMOTHY C., US

[71] ROECHLING ENGINEERING PLASTICS, US

[22] 2013-01-17

[41] 2013-07-17

[30] US (61/587,187) 2012-01-17

[21] **2,802,605**
[13] A1

[51] **Int.Cl. G06T 15/80 (2011.01)**

[25] EN

[54] **ISHAIR: IMPORTANCE SAMPLING FOR HAIR SCATTERING**

[54] **ISHAIR : ECHANTILLONNAGE PREFERENTIEL POUR LA DISPERSION DE LA LUMIERE PAR LES CHEVEUX**

[72] XIE, FENG, US

[72] OU, JIAWEI, US

[71] PACIFIC DATA IMAGES LLC, US

[22] 2013-01-17

[41] 2013-07-17

[30] US (61/587,641) 2012-01-17

[30] US (61/666,554) 2012-06-29

[21] **2,802,608**
[13] A1

[51] **Int.Cl. H02H 5/04 (2006.01) H01R 4/22 (2006.01) H01R 13/66 (2006.01) H03F 3/45 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PROTECTING ELECTRICAL WIRE CONNECTIONS FROM OVERHEATING**

[54] **SYSTEMES ET PROCEDES POUR PREVENIR LA SURCHAUFFE DES FILS ELECTRIQUES**

[72] BOROVINOV, VALENTIN, US

[71] BOROVINOV, VALENTIN, US

[22] 2013-01-17

[41] 2013-07-17

[30] US (13/352,231) 2012-01-17

[21] **2,802,633**
[13] A1

[51] **Int.Cl. G01M 11/02 (2006.01)**

[25] EN

[54] **MONITORING FOR DISTURBANCE OF OPTICAL FIBER**

[54] **SURVEILLANCE DE PERTURBATION DE FIBRE OPTIQUE**

[72] LOVELY, PETER SCOTT, US

[72] BROWN, MICHAEL JAMES, CA

[71] NORSCAN INSTRUMENTS LTD., CA

[22] 2013-01-17

[41] 2013-07-20

[30] US (13/355,406) 2012-01-20

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[21] **2,802,645**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ASSAY DEVICE HAVING CONTROLLABLE SAMPLE SIZE**
[54] **DISPOSITIF D'ESSAI A TAILLE D'ECHANTILLON CONTROLABLE**
[72] SCALICE, EDWARD R., US
[72] HOSIMER, PHILIP C., US
[72] DING, ZHONG, US
[72] KANALEY, JAMES D., US
[72] TOMASSO, DAVID A., US
[72] SALOTTO, DANIEL P., US
[72] WARREN, TIMOTHY C., US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[22] 2013-01-18
[41] 2013-07-20
[30] US (61/588,899) 2012-01-20

[21] **2,802,656**
[13] A1

[51] **Int.Cl. B03D 1/004 (2006.01) B01D 43/00 (2006.01)**
[25] EN
[54] **METHYL ISOBUTYL CARBINOL MIXTURE AND METHODS OF USING THE SAME**
[54] **MELANGE DE METHYLISOBUTYL CARBINOL ET SES PROCÉDES D'UTILISATION**
[72] TRAN, BO L., US
[71] NALCO COMPANY, US
[22] 2013-01-18
[41] 2013-07-19
[30] US (NO. 13/353,825) 2012-01-19

[21] **2,802,669**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ASSAY DEVICE HAVING UNIFORM FLOW AROUND CORNERS**
[54] **DISPOSITIF D'ESSAI AYANT UN ÉCOULEMENT UNIFORME AUTOUR DES ANGLES**
[72] KANALEY, JAMES D., US
[72] DING, ZHONG, US
[72] HOSIMER, PHILIP C., US
[72] DANIELSON, SUSAN, US
[72] TOMASSO, DAVID A., US
[72] WARREN, TIMOTHY C., US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[22] 2013-01-18
[41] 2013-07-20
[30] US (61/588,745) 2012-01-20

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[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ASSAY DEVICE HAVING MULTIPLE REAGENT CELLS**
[54] **DISPOSITIF D'ESSAI COMPORTANT DE MULTIPLES CELLULES REACTIVES**
[72] DING, ZHONG, US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[22] 2013-01-18
[41] 2013-07-20
[30] US (61/588,738) 2012-01-20

[21] **2,802,688**
[13] A1

[51] **Int.Cl. B01D 37/02 (2006.01)**
[25] EN
[54] **WATER FILTER HOUSING SIEVE**
[54] **CREPINE DE BOITIER DE FILTRE A EAU**
[72] BELL, RUSSELL E., US
[72] FRETWELL, ALLISON JEAN, US
[72] GRESSEL, GREGORY MARTIN, US
[72] KOLBERG, RONALD ALFRED, US
[71] BRITA LP, US
[22] 2013-01-18
[41] 2013-07-20
[30] US (61/588,829) 2012-01-20
[30] US (13/743,857) 2013-01-17

[21] **2,802,701**
[13] A1

[51] **Int.Cl. H01R 4/24 (2006.01)**
[25] EN
[54] **INSULATION PIERCING CONNECTOR HOUSING**
[54] **BOITIER DE CONNEXEURS A PERFORATION D'ISOLANT**
[72] CAWOOD, MATTHEW D., US
[72] ZAHNEN, JAMES L., US
[72] VALLETTE, RONALD A., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2013-01-18
[41] 2013-07-18
[30] US (61/587,760) 2012-01-18
[30] US (13/742,634) 2013-01-16

[21] **2,802,702**
[13] A1

[51] **Int.Cl. G06Q 50/26 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING INTER-JURISDICTIONAL PERMITS**
[54] **SYSTEME ET PROCÉDE POUR FOURNIR DES PERMIS INTERJURISDICTIONNELS**
[72] MULLALY, MARK S., US
[71] HOMER TLC, INC., US
[22] 2013-01-18
[41] 2013-07-18
[30] US (13/352,704) 2012-01-18

[21] **2,802,704**
[13] A1

[51] **Int.Cl. F21V 21/08 (2006.01) B26B 11/00 (2006.01) F21V 23/00 (2006.01) F21V 33/00 (2006.01) B25B 23/18 (2006.01)**
[25] EN
[54] **KNIFE BLADE LIGHT**
[54] **ECLAIRAGE POUR LAME DE COUTEAU**
[72] STAINES, STEPHEN J., CA
[71] STAINES, STEPHEN J., CA
[22] 2013-01-18
[41] 2013-07-19
[30] US (13/353,378) 2012-01-19

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[21] **2,802,742**

[13] A1

- [51] **Int.Cl. A47G 27/04 (2006.01) B25B 25/00 (2006.01) E04F 21/20 (2006.01)**
 [25] EN
 [54] **CARPET INSTALLATION APPARATUS**
 [54] **APPAREIL D'INSTALLATION DE TAPIS**
 [72] DICKERSON, DENNIS R., US
 [72] DESPINS, MAURICE L., CA
 [72] GUNDLACH, GREGORY J., US
 [71] BENO J. GUNDLACH COMPANY, US
 [22] 2013-01-21
 [41] 2013-07-20
 [30] US (61/588,978) 2012-01-20

[21] **2,802,777**

[13] A1

- [51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
 [25] EN
 [54] **ELECTRONIC CATALOG SYSTEM AND METHOD**
 [54] **SYSTEME ET METHODE DE CATALOGUE ELECTRONIQUE**
 [72] KISER, DANIEL, US
 [72] KEMPSKI, RICHARD, US
 [71] TRIANGLE SUSPENSION SYSTEMS, INC., US
 [22] 2013-01-21
 [41] 2013-07-19
 [30] US (61/588,284) 2012-01-19

[21] **2,802,794**

[13] A1

- [51] **Int.Cl. E21B 17/00 (2006.01)**
 [25] EN
 [54] **DOWNHOLE TOOL WITH EXTERNAL HOUSING TORQUE TRANSFER**
 [54] **OUTIL DE FOND DE PUIS AVEC TRANSFERT DE COUPLE DE BOITIER EXTERNE**
 [72] GARCIA, DAVID ALAN, US
 [72] HIEBELER, HARRY P., US
 [71] NATIONAL OILWELL VARCO, L.P., US
 [22] 2013-01-18
 [41] 2013-07-20
 [30] US (61/588,887) 2012-01-20

[21] **2,802,804**

[13] A1

- [51] **Int.Cl. F16K 11/02 (2006.01) B05B 1/22 (2006.01) F16L 37/12 (2006.01) F16L 37/48 (2006.01) F16L 37/56 (2006.01)**
 [25] EN
 [54] **FLUID DELIVERY ASSEMBLY (2-IN AND 1-OUT, PLUS QUICK-CONNECT DIVERTER HOUSING ASSEMBLY)**
 [54] **ENSEMBLE DE DISTRIBUTION DE LIQUIDE (2 VERS L'INTERIEUR ET 1 VERS L'EXTERIEUR, PLUS UN ENSEMBLE CARTER D'ORGANE DE DERIVATION A BRANCHEMENT RAPIDE)**
 [72] ZHU, CHUANBAO, CN
 [72] YE, LIMING, CN
 [72] ZHANG, YAN, CN
 [72] BAI, SHUANGLIN, CN
 [71] XIAMEN LOTA INTERNATIONAL CO., LTD., CN
 [22] 2013-01-18
 [41] 2013-07-20
 [30] US (61/589,096) 2012-01-20
 [30] US (13/740,999) 2013-01-14

[21] **2,802,806**

[13] A1

- [51] **Int.Cl. F16K 11/20 (2006.01) B05B 1/22 (2006.01) F16L 37/12 (2006.01) F16L 37/48 (2006.01) F16L 37/56 (2006.01)**
 [25] EN
 [54] **FLUID DELIVERY ASSEMBLY (1-IN AND 1-OUT)**
 [54] **ENSEMBLE DE DISTRIBUTION DE LIQUIDE (1 VERS L'INTERIEUR ET 1 VERS L'EXTERIEUR)**
 [72] ZHU, CHUANBAO, CN
 [72] YE, LIMING, CN
 [72] CHEN, BENTAI, CN
 [71] XIAMEN LOTA INTERNATIONAL CO., LTD., CN
 [22] 2013-01-18
 [41] 2013-07-20
 [30] US (61/589,096) 2012-01-20
 [30] US (13/740,978) 2013-01-14

[21] **2,802,809**

[13] A1

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 [25] EN
 [54] **FLUID DELIVERY ASSEMBLY (1-IN, COMBINED WITH CENTERING STOP)**
 [54] **ENSEMBLE DE DISTRIBUTION DE LIQUIDE (1 VERS L'INTERIEUR, COMBINE A UNE BUTEE DE CENTRAGE)**
 [72] ZHU, CHUANBAO, CN
 [72] YE, LIMING, CN
 [72] ZHOU, JIANPING, CN
 [71] XIAMEN LOTA INTERNATIONAL CO., LTD., CN
 [22] 2013-01-18
 [41] 2013-07-20
 [30] US (61/589,096) 2012-01-20
 [30] US (13/740,952) 2013-01-14

[21] **2,802,894**

[13] A1

- [51] **Int.Cl. B26B 19/04 (2006.01) A01D 75/00 (2006.01)**
 [25] EN
 [54] **SICKLE BLADE SHAPE FOR USE IN A SICKLE CUTTER SYSTEM WITH INCREASED GROUND SPEED**
 [54] **LAME EN FORME DE FAUCILLE POUR UTILISATION DANS UN SYSTEME DE COUPE A FAUCILLE A VITESSE D'AVANCEMENT ACCRUE**
 [72] TALBOT, FRANCOIS R., CA
 [71] MACDON INDUSTRIES LTD., CA
 [22] 2013-01-17
 [41] 2013-07-18
 [30] US (61587843) 2012-01-18
 [30] US (61664345) 2012-06-26
 [30] US (61677169) 2012-07-30
 [30] US (61677177) 2012-07-30

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[21] **2,802,958**
[13] A1

[51] **Int.Cl. B26B 29/02 (2006.01) B26B 29/04 (2006.01) B26D 7/22 (2006.01)**

[25] EN

[54] **POINTED GUARD FOR SICKLE CUTTER SYSTEM WITH INCREASED GROUND SPEED**

[54] **DOIGT POINTU POUR SYSTEME DE COUPE A FAUCILLE A VITESSE D'AVANCEMENT ACCRUE**

[72] TALBOT, FRANCOIS R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2013-01-17
[41] 2013-07-18
[30] US (61587843) 2012-01-18
[30] US (61664345) 2012-06-26
[30] US (61677169) 2012-07-30
[30] US (61677177) 2012-07-30

[21] **2,802,963**
[13] A1

[51] **Int.Cl. B26B 19/04 (2006.01) A01D 75/00 (2006.01) B26B 29/02 (2006.01) B26B 29/04 (2006.01)**

[25] EN

[54] **POINTED SICKLE BLADE FOR USE IN A SICKLE CUTTER SYSTEM WITH INCREASED GROUND SPEED**

[54] **LAME DE FAUCILLE POINTUE POUR UTILISATION DANS UN SYSTEME DE COUPE A FAUCILLE A VITESSE D'AVANCEMENT ACCRUE**

[72] TALBOT, FRANCOIS R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2013-01-17
[41] 2013-07-18
[30] US (61587843) 2012-01-18
[30] US (61664345) 2012-06-26
[30] US (61677169) 2012-07-30
[30] US (61677177) 2012-07-30

[21] **2,802,975**
[13] A1

[51] **Int.Cl. A01D 34/404 (2006.01) B26D 1/06 (2006.01) B26D 7/00 (2006.01)**

[25] EN

[54] **REDUCTION IN AVERAGE STUBBLE LENGTH OF A SICKLE CUTTER SYSTEM**

[54] **REDUCTION DE LA LONGUEUR MOYENNE DU CHAUME DANS UN SYSTEME DE COUPE A FAUCILLE**

[72] TALBOT, FRANCOIS R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2013-01-17
[41] 2013-07-18
[30] US (61587843) 2012-01-18
[30] US (61664345) 2012-06-26
[30] US (61677169) 2012-07-30
[30] US (61677177) 2012-07-30

[21] **2,803,172**
[13] A1

[51] **Int.Cl. B24C 5/00 (2006.01)**

[25] EN

[54] **IMPACT BAFFLE FOR CONTROLLING HIGH-PRESSURE FLUID JETS AND METHODS OF CUTTING WITH FLUID JETS**

[54] **CHICANE A IMPACT POUR REGLER DES JETS DE FLUIDE HAUTE PRESSION ET METHODES DE COUPE AVEC DES JETS DE FLUIDE**

[72] ROTH, PHILIPP, CH
[72] MAURER, WALTER, CH
[72] DE VRIES, VERA, CH
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2013-01-16
[41] 2013-07-20
[30] EP (12151934.2) 2012-01-20

[21] **2,803,173**
[13] A1

[51] **Int.Cl. A62C 3/07 (2006.01)**

[25] EN

[54] **MULTIPLE DISCHARGE FIRE EXTINGUISHING SYSTEM**

[54] **SYSTEME D'EXTINCTEURS A PLUSIEURS ORIFICES D'EVACUATION**

[72] DUNSTER, ROBERT G., GB
[72] FRASURE, DAVID, US
[72] MACLACHLAN, DANIEL RAY, US
[72] WELLER, PAUL W., GB
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2013-01-16
[41] 2013-07-20
[30] EP (12151977.1) 2012-01-20
[30] US (13/365,385) 2012-02-03

[21] **2,803,189**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/00 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR OBTAINING GHG REDUCTION CREDITS ASSOCIATED WITH GHG REDUCTION EFFORTS**

[54] **PROCEDE ET SYSTEME POUR OBTENIR DES CREDITS DE REDUCTION DES GAZ A EFFET DE SERRE ASSOCIES AUX EFFORTS DE REDUCTION DES GAZ A EFFET DE SERRE**

[72] CLERMONT, MARTIN, CA
[71] LES SOLUTIONS WILL (GEDDEN) INC., CA
[22] 2013-01-18
[41] 2013-07-19
[30] US (61/588,520) 2012-01-19

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[21] **2,803,192**
[13] A1

- [51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **VIRTUAL KEYBOARD DISPLAY HAVING A TICKER PROXIMATE TO THE VIRTUAL KEYBOARD**
[54] **AFFICHAGE DE CLAVIER VIRTUEL AYANT UN TELESCRIPTEUR A PROXIMITE DU CLAVIER VIRTUEL**
[72] GRIFFIN, JASON TYLER, CA
[72] HAMILTON, ALISTAIR ROBERT, CA
[72] BOCKING, ANDREW DOUGLAS, CA
[72] LAZARIDIS, MIHAL, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-18
[41] 2013-07-19
[30] US (61/588,545) 2012-01-19
[30] US (13/572,232) 2012-08-10

[21] **2,803,198**
[13] A1

- [51] **Int.Cl. F16L 59/14 (2006.01) F16L 59/135 (2006.01) F16L 59/15 (2006.01)**
[25] EN
[54] **PRE-INSULATED PIPING SYSTEM**
[54] **SYSTEME DE TUYAUTERIE PRE-ISOLE**
[72] MAFFEI, ROBERT A., US
[71] PERMA-PIPE, INC., US
[22] 2013-01-18
[41] 2013-07-20
[30] US (61/588,958) 2012-01-20
[30] US (13/523,440) 2012-06-14

[21] **2,803,206**
[13] A1

- [51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/84 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEMS FOR FLEXIBLE IMPLANTS FOR REPLACING CARTILAGE**
[54] **SYSTEMES D'ANCRAGE POUR IMPLANTS FLEXIBLES DESTINES A REMPLACER LE CARTILAGE**
[72] MANSMANN, KEVIN, US
[71] MANSMANN, KEVIN, US
[22] 2013-01-21
[41] 2013-07-20
[30] US (13/355276) 2012-01-20
[30] CA (2,783,915) 2012-07-25

[21] **2,803,240**
[13] A1

- [51] **Int.Cl. A61K 31/375 (2006.01) A61K 8/67 (2006.01) A61P 17/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **SODIUM ASCORBATE STIMULATION OF ELASTOGENESIS**
[54] **STIMULATION DE L'ELASTOGENESE A L'ASCORBATE DE SODIUM**
[72] MITTS, THOMAS F., US
[72] HINEK, ALEKSANDER, CA
[72] KIM, HYUNJUN JONATHAN, CA
[71] HUMAN MATRIX SCIENCES, LLC, US
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[22] 2013-01-18
[41] 2013-07-18
[30] US (61/587,864) 2012-01-18

[21] **2,803,344**
[13] A1

- [51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HVAC AIR TEMPERATURE SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE DE TEMPERATURE D'AIR POUR CVCA**
[72] ESTIBAN, MARWAN, US
[71] RESEARCH PRODUCTS CORPORATION, US
[22] 2013-01-18
[41] 2013-07-20
[30] US (61/588,816) 2012-01-20

[21] **2,803,370**
[13] A1

- [51] **Int.Cl. H01R 13/639 (2006.01)**
[25] EN
[54] **LOCKING ELECTRICAL RECEPTACLE**
[54] **PRISE ELECTRIQUE VERROUILLABLE**
[72] RAPTIS, GREGORY, US
[71] CERRO WIRE LLC, US
[22] 2013-01-21
[41] 2013-07-20
[30] US (61/588,966) 2012-01-20

[21] **2,803,501**
[13] A1

- [51] **Int.Cl. H01R 13/62 (2006.01) H01R 13/629 (2006.01) H01R 13/639 (2006.01)**
[25] EN
[54] **SMALL FORM-FACTOR PLUGGABLE UNIT HAVING A PLURALITY OF INSERTABLE CAGES**
[54] **UNITE ENFICHABLE A FAIBLE FACTEUR DE FORME AYANT UNE PLURALITE DE CAGES POUVANT ETRE INSEREES**
[72] DUDEMAINE, ERIC, CA
[72] LAVOIE, RENAUD, CA
[71] EMBRIONIX DESIGN INC., CA
[22] 2013-01-21
[41] 2013-07-20
[30] US (61/588,789) 2012-01-20

[21] **2,815,303**
[13] A1

- [51] **Int.Cl. G10B 3/08 (2006.01)**
[25] EN
[54] **BAGPIPE DRONE REED**
[54] **ANCHE DE BOURDON POUR CORNEMUSE**
[72] KINNAIRD, ROBERT, CA
[71] KINNAIRD, ROBERT, CA
[22] 2013-05-08
[41] 2013-07-18

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[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 50/34 (2012.01) A63F 13/00 (2006.01)**

[25] EN

[54] **RESPONSIBLE GAMING ENVIRONMENT ON AN ELECTRONIC GAMING SYSTEM**

[54] **ENVIRONNEMENT DE JEU RESPONSABLE SUR UN SYSTEME DE JEU ELECTRONIQUE**

[72] MEUNIER, YAN, CA
[72] WHITE, JUSTIN, CA
[72] POLTAROWICZ, MARK, CA
[71] SPIELO INTERNATIONAL CANADA, ULC, CA

[85] 2012-07-20
[86] 2012-05-31 (PCT/CA2012/050363)
[87] (2785288)
[30] US (61/587,616) 2012-01-17
[30] US (13/482,618) 2012-05-29

[21] **2,810,107**
[13] A1

[51] **Int.Cl. B65D 47/28 (2006.01) B65D 51/00 (2006.01) B65D 51/16 (2006.01)**

[25] EN

[54] **A LID OF A CONTAINER**

[54] **COUVERCLE DE RECIPIENT**

[72] BRATSCH, CHRISTIAN, AT
[71] XOLUTION GMBH, DE

[85] 2013-03-01
[86] 2011-09-05 (PCT/EP2011/065247)
[87] (WO2012/031994)
[30] AT (A 1490/2010) 2010-09-07

[21] **2,815,224**
[13] A1

[51] **Int.Cl. A63B 43/00 (2006.01) H04W 84/18 (2009.01) A61B 5/11 (2006.01) A61B 5/22 (2006.01) A63B 24/00 (2006.01) A63B 26/00 (2006.01) A63B 69/00 (2006.01) A63B 71/06 (2006.01) H04B 7/26 (2006.01)**

[25] EN

[54] **CONSUMER USEABLE TESTING KIT**

[54] **NECESSAIRE D~ESSAI UTILISABLE PAR LE CONSOMMATEUR**

[72] HOMSI, KRISTOPHER L., US
[71] NIKE INTERNATIONAL LTD., US

[85] 2013-05-09
[86] 2011-11-10 (PCT/US2011/060138)
[87] (2815224)

[21] **2,816,989**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H02B 99/00 (2009.01) G06Q 50/06 (2012.01) G06F 21/30 (2013.01) E03B 1/02 (2006.01) F17D 3/00 (2006.01) F17D 5/00 (2006.01) H04L 9/32 (2006.01)**

[25] EN

[54] **PHYSICALLY SECURED AUTHORIZATION FOR UTILITY APPLICATIONS**

[54] **AUTORISATION SECURISEE PHYSIQUEMENT DESTINEE A DES APPLICATIONS DE SERVICE DE DISTRIBUTION**

[72] VASWANI, RAJ, US
[72] YEUNG, WILSON CHUEN YEW, US
[72] SEIBERT, CRISTINA, US
[72] BOLYARD, NELSON BRUCE, US
[72] DAMM, BENJAMIN N., US
[72] STJOHNS, MICHAEL C., US
[71] SILVER SPRING NETWORKS, INC., US

[85] 2013-05-03
[86] 2011-10-11 (PCT/US2011/055705)
[87] (WO2012/060979)
[30] US (12/939,702) 2010-11-04

[21] **2,817,178**
[13] A1

[51] **Int.Cl. H04L 12/729 (2013.01)**

[25] EN

[54] **LOSSLESS BANDWIDTH ADJUSTMENT METHOD, DEVICE AND SYSTEM**

[54] **PROCEDE, DISPOSITIF ET SYSTEME D'AJUSTEMENT DE BANDE PASSANTE SANS PERTE**

[72] LIN, YI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2013-05-07
[86] 2011-06-03 (PCT/CN2011/075321)
[87] (WO2011/144172)
[30] CN (201010539581.8) 2010-11-08

[21] **2,817,210**
[13] A1

[51] **Int.Cl. A61B 1/045 (2006.01) A61B 1/00 (2006.01) A61B 1/06 (2006.01)**

[25] EN

[54] **MEDICAL SCOPE WITH SINGLE USE PROBE**

[54] **INSTRUMENT D'EXPLORATION MEDICALE MUNI D'UNE SONDE A USAGE UNIQUE**

[72] SIMMS, NORMAN, US
[72] LESCOTA, JOHN, US
[71] VOSCOPE MARKETING, LLC, US

[85] 2013-05-02
[86] 2011-11-02 (PCT/US2011/001846)
[87] (WO2013/062506)
[30] US (61/456,684) 2010-11-10

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[21] **2,817,242**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01)**

[25] EN

[54] **ELONGATED EXPANDABLE MEMBER FOR OCCLUDING VARICOSE VEINS**

[54] **ELEMENT EXTENSIBLE ALLONGE POUR L'OCCLUSION DE VARICES**

[72] ROOT, HOWARD, US

[72] MURTO, JAMES, US

[72] PENEGOR, STEPHEN, US

[72] SUTTON, GREGG, US

[71] VASCULAR SOLUTIONS, INC., US

[85] 2013-05-30

[86] 2012-11-01 (PCT/US2012/063101)

[87] (2817242)

[30] US (13/310,503) 2011-12-02

[21] **2,817,245**
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01) G06F 9/455 (2006.01)**

[25] EN

[54] **ANTIMALWARE PROTECTION OF VIRTUAL MACHINES**

[54] **PROTECTION DES MACHINES VIRTUELLES CONTRE LES PROGRAMMES MALVEILLANTS**

[72] JARRETT, MICHAEL SEAN, US

[72] JOHNSON, JOSEPH JARED, US

[72] KAPOOR, VISHAL, US

[72] THOMAS, ANIL FRANCIS, US

[72] NEYSTADT, EUGENE JOHN, US

[72] BATCHELDER, DENNIS SCOTT, US

[71] MICROSOFT CORPORATION, US

[85] 2013-05-07

[86] 2011-12-06 (PCT/US2011/063615)

[87] (WO2012/078690)

[30] US (12/961,854) 2010-12-07

[21] **2,817,379**
[13] A1

[51] **Int.Cl. A63H 33/08 (2006.01) A63H 33/10 (2006.01)**

[25] EN

[54] **ILLUMINATED TOY CONSTRUCTION KIT**

[54] **NECESSAIRE DE CONSTRUCTION DE JOUET ECLAIRE**

[72] ROSEN, LAWRENCE, US

[72] DAFTARI, PARVIZ, US

[71] LAROSE INDUSTRIES, LLC, US

[85] 2013-03-14

[86] 2012-12-11 (PCT/US2012/068939)

[87] (2817379)

[30] US (61/579,769) 2011-12-23

[30] US (13/365,907) 2012-02-03

[30] US (61/673,435) 2012-07-19

[21] **2,818,075**
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/107 (2006.01) A61K 31/704 (2006.01)**

[25] EN

[54] **REDUCIBLE SELF-ASSEMBLED MICELLE DRUG DELIVERY SYSTEMS**

[54] **SYSTEMES D'ADMINISTRATION DE MEDICAMENTS MICELLAIRES AUTOASSEMBLES REDUCTIBLES**

[72] XING, MALCOLM Q., CA

[71] UNIVERSITY OF MANITOBA, CA

[85] 2013-06-03

[86] 2013-01-15 (PCT/CA2013/000039)

[87] (2818075)

[30] US (61/586,833) 2012-01-15

[21] **2,818,158**
[13] A1

[51] **Int.Cl. B44C 1/22 (2006.01) B05B 15/04 (2006.01) B05D 1/32 (2006.01) B05D 3/12 (2006.01) B44C 1/16 (2006.01) B44D 5/00 (2006.01)**

[25] EN

[54] **METHODS FOR IMPARTING AN IMAGE TO A SURFACE AND KITS FOR USE THEREWITH**

[54] **PROCEDES POUR TRANSFERER UNE IMAGE SUR UNE SURFACE ET KITS POUR UTILISATION AVEC CEUX-CI**

[72] JANSSEN, JEFFREY R., US

[72] GRAHAM, PAUL D., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2013-05-15

[86] 2011-11-10 (PCT/US2011/060108)

[87] (WO2012/082269)

[30] US (61/415,274) 2010-11-18

[21] **2,818,942**
[13] A1

[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/14 (2006.01)**

[25] EN

[54] **SHOPPING CART SHELF**

[54] **TABLETTE DE CHARIOT D'ACHAT**

[72] TAYLOR, CURTIS, US

[72] HANSON, MAT, US

[71] LIFT2SELL, LLC, US

[85] 2013-05-23

[86] 2011-12-12 (PCT/US2011/064366)

[87] (WO2012/082595)

[30] US (61/422,375) 2010-12-13

[30] US (61/452,318) 2011-03-14

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[21] **2,819,225**
[13] A1

[51] **Int.Cl. G06F 13/14 (2006.01) G06F 13/38 (2006.01)**
[25] EN
[54] **HOST DEVICE COUPLED TO A USB PERIPHERAL AND METHOD OF OPERATING THE SAME**
[54] **DISPOSITIF HOTE COUPLE A UN PERIPHERIQUE USB ET PROCEDE DE MISE EN OEUVRE DE CE DISPOSITIF**
[72] BEN-HAROSH, ALMOG, IL
[71] MCE-SYS LTD, IL
[85] 2013-05-28
[86] 2011-08-02 (PCT/IB2011/053440)
[87] (WO2012/073126)
[30] US (61/417,460) 2010-11-29
[30] US (61/439,394) 2011-02-04
[30] US (61/497,224) 2011-06-15
[30] US (61/513,610) 2011-07-31

[21] **2,819,226**
[13] A1

[51] **Int.Cl. F03B 17/02 (2006.01) F03B 13/08 (2006.01) F03B 17/04 (2006.01)**
[25] EN
[54] **MULTIPURPOSE PLANT**
[54] **USINE POLYVALENTE**
[72] COLLIVA, CESARE, IT
[71] TOR - H2 S.R.L., IT
[85] 2013-05-28
[86] 2011-11-30 (PCT/IB2011/055374)
[87] (WO2012/073195)
[30] IT (BO2010A000720) 2010-12-03

[21] **2,819,231**
[13] A1

[51] **Int.Cl. C11D 7/14 (2006.01) C11D 7/04 (2006.01) C11D 7/40 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION INCLUDING A SACCHARIDE OR SUGAR ALCOHOL**
[54] **COMPOSITION DE DETERGENT COMPRENANT UN SACCHARIDE OU UN ALCOOL DE SUCRE**
[72] OLSON, ERIK C., US
[72] SILVERNAIL, CARTER, US
[71] ECOLAB USA INC., US
[85] 2013-05-28
[86] 2012-01-19 (PCT/IB2012/050268)
[87] (WO2012/098522)
[30] US (61/434,668) 2011-01-20
[30] US (13/268,488) 2011-10-07

[21] **2,819,235**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **FIBER DEVICE HOLDER AND STRAIN RELIEF DEVICE**
[54] **SUPPORT DE CORPS DE FIBRE ET DISPOSITIF DE REDUCTION DES TENSIONS**
[72] COTE, MONIQUE L., US
[72] FRAZIER, BRENT M., US
[72] GIRAUD, WILLIAM J., US
[72] JAY, RAYMOND G., US
[72] KINGSBURY, BRIAN D., US
[72] RASMUSSEN, MICHAEL H., US
[71] CORNING CABLE SYSTEMS LLC, US
[85] 2013-05-28
[86] 2011-11-29 (PCT/US2011/062353)
[87] (WO2012/074982)
[30] US (61/418,106) 2010-11-30

[21] **2,819,238**
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **FIELD-INSTALLABLE FIBER OPTIC CONNECTORS AND RELATED CABLE ASSEMBLIES**
[54] **CONNECTEURS DE FIBRES OPTIQUES POUVANT ETRE INSTALLES SUR LE TERRAIN ET ENSEMBLES DE CABLES ASSOCIES**
[72] ISENHOUR, MICAH C., US
[72] KNECHT, DENNIS M., US
[72] LUTHER, JAMES P., US
[71] CORNING CABLE SYSTEMS LLC, US
[85] 2013-05-28
[86] 2011-11-29 (PCT/US2011/062368)
[87] (WO2012/074990)
[30] US (61/418,160) 2010-11-30

[21] **2,819,253**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) A01H 13/00 (2006.01) A23L 1/236 (2006.01) A23L 2/60 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MICROBIAL PRODUCTION OF NATURAL SWEETENERS, DITERPENOID STEVIOL GLYCOSIDES**
[54] **PRODUCTION MICROBIENNE D'EDULCORANTS NATURELS, GLYCOSIDES DE STEVIOL DITERPENOIDES**
[72] STEPHANOPOULOS, GREGORY, US
[72] AJIKUMAR, PARAYIL K., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2013-05-28
[86] 2011-11-29 (PCT/US2011/062428)
[87] (WO2012/075030)
[30] US (61/418,357) 2010-11-30
[30] US (13/249,388) 2011-09-30

[21] **2,819,254**
[13] A1

[51] **Int.Cl. B01L 7/00 (2006.01) C12M 1/02 (2006.01) C12M 1/38 (2006.01)**
[25] EN
[54] **THERMAL CYCLER APPARATUS AND RELATED METHODS**
[54] **APPAREIL THERMOCYCLEUR ET PROCEDES ASSOCIEES**
[72] EVANS, ZACKERY KENT, US
[72] BODILY, THOMAS KNIGHT, US
[72] ABBOTT, RICHARD DAVID, US
[72] RILEY, PATRICK L., US
[71] BIOFIRE DIAGNOSTICS, INC., US
[85] 2013-05-28
[86] 2011-12-02 (PCT/US2011/063005)
[87] (WO2012/075360)
[30] US (61/419,680) 2010-12-03

[21] **2,819,256**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] ROSENZWEIG, ALAIN, FR
[72] RATH, KURT, FR
[72] CURELLO, ANDREW J., US
[71] SOCIETE BIC, FR
[85] 2013-05-28
[86] 2011-12-13 (PCT/US2011/064659)
[87] (WO2012/082747)
[30] US (61/422,934) 2010-12-14

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[21] **2,819,260**
[13] A1

[51] **Int.Cl. G01N 33/537 (2006.01)**
[25] EN
[54] **ANTIBODY-LINKED IMMUNO-
SEDIMENTATION AGENT AND
METHOD OF ISOLATING A
TARGET FROM A SAMPLE
USING SAME**
[54] **AGENT D'IMMUNO-
SEDIMENTATION LIE A UN
ANTICORPS ET PROCEDE
D'ISOLEMENT D'UNE CIBLE A
PARTIR D'UN ECHANTILLON A
L'AIDE DE CELUI-CI**
[72] DINGES, WARREN L., US
[71] CYTOSED, INC., US
[85] 2013-05-28
[86] 2011-12-15 (PCT/US2011/065157)
[87] (WO2012/083020)
[30] US (61/423,391) 2010-12-15

[21] **2,819,268**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q
50/30 (2012.01)**
[25] EN
[54] **METHODS AND APPARATUS TO
DETERMINE MEDIA
IMPRESSIONS USING
DISTRIBUTED DEMOGRAPHIC
INFORMATION**
[54] **PROCEDES ET APPAREIL DE
DETERMINATION
D'IMPRESSIONS DE SUPPORTS A
L'AIDE D'INFORMATIONS
DEMOGRAPHIQUES
DISTRIBUEES**
[72] KALUS, MARK, US
[72] PAPARO, ARI, US
[72] GERAGHTY, KEVIN, US
[71] THE NIELSEN COMPANY (US),
LLC, US
[85] 2013-05-28
[86] 2011-12-19 (PCT/US2011/065881)
[87] (WO2012/087954)
[30] US (61/424,952) 2010-12-20

[21] **2,819,269**
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01) A61K
39/395 (2006.01) A61K 47/48
(2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-MESOTHELIN ANTIBODIES
AND IMMUNOCONJUGATES**
[54] **ANTICORPS ET
IMMUNOCONJUGUES ANTI-
MESOTHELINE**
[72] DENNIS, MARK, US
[72] SCALES, SUZANNA J., US
[72] SPENCER, SUSAN D., US
[72] ZHANG, YIN, US
[71] GENENTECH, INC., US
[85] 2013-05-28
[86] 2011-12-19 (PCT/US2011/065895)
[87] (WO2012/087962)
[30] US (61/459,962) 2010-12-20

[21] **2,819,390**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N
33/574 (2006.01)**
[25] EN
[54] **METHOD FOR THE DIAGNOSIS
OF A CARCINOMA AND USES
THEREOF**
[54] **METHODE POUR
DIAGNOSTIQUER UN
CARCINOME ET SES
UTILISATIONS**
[72] BASTIA FILIPPO, IT
[72] ALTOMARE, DONATO, IT
[72] DI LEO, ALFREDO, IT
[72] ROTELLI, MARIA TERESA, IT
[72] BARONE, MICHELE, IT
[71] THD S.P.A., IT
[85] 2013-05-29
[86] 2010-12-06 (PCT/IT2010/000484)
[87] (WO2012/077139)

[21] **2,819,530**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K
39/395 (2006.01) A61P 35/00 (2006.01)
C07K 16/28 (2006.01) C07K 16/46
(2006.01) C12N 1/15 (2006.01) C12N
1/19 (2006.01) C12N 1/21 (2006.01)
C12N 5/10 (2006.01) C07K 16/30
(2006.01)**
[25] EN
[54] **CYTOTOXICITY-INDUCING
THERAPEUTIC AGENT**
[54] **AGENT THERAPEUTIQUE
INDUISANT UNE CYTOTOXICITE**
[72] NEZU, JUNICHI, JP
[72] ISHIGURO, TAKAHIRO, JP
[72] NARITA, ATSUSHI, JP
[72] SAKAMOTO, AKIHISA, JP
[72] KAWAI, YUMIKO, JP
[72] IGAWA, TOMOYUKI, JP
[72] KURAMOCHI, TAICHI, JP
[71] CHUGAI SEIYAKU KABUSHIKI
KAISHA, JP
[85] 2013-05-29
[86] 2011-11-30 (PCT/JP2011/077603)
[87] (WO2012/073985)
[30] JP (2010-266760) 2010-11-30
[30] JP (2011-121771) 2011-05-31
[30] JP (2011-238818) 2011-10-31

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[21] 2,819,538 [13] A1	[21] 2,819,758 [13] A1	[21] 2,819,858 [13] A1
<p>[51] Int.Cl. G01N 33/564 (2006.01) G01N 33/68 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR PROGNOSTICATING THE CLINICAL RESPONSE OF A PATIENT TO B-LYMPHOCYTE INHIBITING OR DEPLETING THERAPY IN INTERFERON DRIVEN DISEASES SUCH AS SLE</p> <p>[54] METHODE DE PRONOSTIC DE LA REPONSE CLINIQUE D'UN PATIENT A UNE THERAPIE D'INHIBITION OU D'EPUISEMENT DES STOCKS DE LYMPHOCYTES B DANS DES MALADIES INDUITES PAR L'INTERFERON COMMELE LUPUS ERYTHEMATEUX AIGU DISSEMINE</p> <p>[72] VERWEIJ, CORNELIS LAMMERT, NL</p> <p>[71] VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS, WETENSCHAPPELIJK ONDERZOEK EN PATIENTENZORG, NL</p> <p>[85] 2013-05-29</p> <p>[86] 2011-11-30 (PCT/NL2011/050819)</p> <p>[87] (WO2012/074396)</p> <p>[30] US (61/458,785) 2010-11-30</p>	<p>[51] Int.Cl. A61K 39/09 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITION FOR IMMUNIZATION AGAINST STREPTOCOCCUS PNEUMONIAE</p> <p>[54] COMPOSITION POUR L'IMMUNISATION CONTRE STREPTOCOCCUS PNEUMONIAE</p> <p>[72] PICHICHERO, MICHAEL, US</p> <p>[72] OCHS-ONOLEMHENHEN, MARTINA, FR</p> <p>[71] SANOFI PASTEUR LIMITED, CA</p> <p>[85] 2013-05-31</p> <p>[86] 2011-12-02 (PCT/US2011/063132)</p> <p>[87] (WO2012/075428)</p> <p>[30] US (61/419,635) 2010-12-03</p> <p>[30] US (61/510,620) 2011-07-22</p>	<p>[51] Int.Cl. A61K 9/20 (2006.01)</p> <p>[25] EN</p> <p>[54] GALENIC COMPOSITION SUITABLE FOR ADMINISTRATION TO A NONHUMAN ANIMAL, USES THEREOF, AND ASSOCIATED METHODS</p> <p>[54] COMPOSITION GALENIQUE ADAPTEE A L'ADMINISTRATION A UN ANIMAL NON-HUMAIN, UTILISATIONS DE CELLE-CI ET METHODES ASSOCIEES</p> <p>[72] CHERY, LAURENT, FR</p> <p>[72] WAJDA-DUBOS, JEAN-PIERRE, FR</p> <p>[71] VETALIS SARL, FR</p> <p>[85] 2013-05-29</p> <p>[86] 2011-11-27 (PCT/IB2011/055316)</p> <p>[87] (WO2012/073170)</p> <p>[30] FR (1004635) 2010-11-29</p>
[21] 2,819,554 [13] A1	[21] 2,819,829 [13] A1	[21] 2,819,864 [13] A1
<p>[51] Int.Cl. A61K 47/48 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DOSAGE AND ADMINISTRATION OF BISPECIFIC SCFV CONJUGATES</p> <p>[54] DOSAGE ET ADMINISTRATION DE CONJUGUES SCFV BISPECIFIQUES</p> <p>[72] MCDONAGH, CHARLOTTE, US</p> <p>[72] GIBBONS, FRANCIS, US</p> <p>[72] MOYO, VICTOR, US</p> <p>[71] MERRIMACK PHARMACEUTICALS, INC., US</p> <p>[85] 2013-05-29</p> <p>[86] 2011-12-12 (PCT/US2011/064496)</p> <p>[87] (WO2012/079093)</p> <p>[30] US (61/421,992) 2010-12-10</p>	<p>[51] Int.Cl. A61K 31/4155 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS AND METHODS FOR TREATING FOXP3+ TREG RELATED DISEASES</p> <p>[54] COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES ASSOCIEES AUX LYMPHOCYTES T REGULATEURS FOXP3+</p> <p>[72] HANCOCK, WAYNE W., US</p> <p>[72] ALBELDA, STEVEN M., US</p> <p>[72] COLE, PHILIP A., US</p> <p>[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US</p> <p>[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US</p> <p>[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US</p> <p>[85] 2013-06-03</p> <p>[86] 2011-12-01 (PCT/US2011/062896)</p> <p>[87] (WO2012/075291)</p> <p>[30] US (61/418,552) 2010-12-01</p>	<p>[51] Int.Cl. G08B 13/22 (2006.01)</p> <p>[25] EN</p> <p>[54] DIRECT ACCESS DISPENSING SYSTEM</p> <p>[54] SYSTEME DE DISTRIBUTION A ACCES DIRECT</p> <p>[72] SAVAGE, KENT V., US</p> <p>[72] SAVAGE, BENJAMIN V., US</p> <p>[71] APEX INDUSTRIAL TECHNOLOGIES LLC, US</p> <p>[85] 2013-06-03</p> <p>[86] 2011-12-08 (PCT/US2011/063940)</p> <p>[87] (WO2012/078864)</p> <p>[30] US (61/421,056) 2010-12-08</p>

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[21] **2,819,890**
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01) H02G 3/08 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **MANIFOLD FOR CONTROLLING AIRFLOW WITHIN AN EXPLOSION-PROOF ENCLOSURE**
[54] **SYSTEME DE DISTRIBUTION CONCU POUR REGULER UN FLUX D'AIR DANS UNE ENCEINTE ANTIDFLAGRANTE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-06-03
[86] 2011-12-20 (PCT/US2011/066286)
[87] (WO2012/088175)
[30] US (61/426,405) 2010-12-22

[21] **2,819,907**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01)**
[25] EN
[54] **WEARABLE DEVICE AND PLATFORM FOR SENSORY INPUT**
[54] **DISPOSITIF PORTABLE ET PLATEFORME POUR ENTREE SENSORIELLE**
[72] RAHMAN, HOSAIN SADEQR, US
[72] DRYSDALE, RICHARD LEE, US
[72] LUNA, MICHAEL EDWARD SMITH, US
[72] FULLAM, SCOTT, US
[72] BOGARD, TRAVIS AUSTIN, US
[72] ROBISON, JEREMIAH, US
[72] DONALDSON, THOMAS ALAN, GB
[72] MARTINO, RAYMOND A., US
[72] UTTER II, MAX EVERETT, US
[71] ALIPHCOM, US
[85] 2013-06-03
[86] 2012-03-29 (PCT/US2012/031326)
[87] (WO2012/170110)
[30] US (13/158,372) 2011-06-10
[30] US (61/495,994) 2011-06-11
[30] US (61/495,997) 2011-06-11
[30] US (61/495,996) 2011-06-11
[30] US (61/495,995) 2011-06-11
[30] US (13/158,416) 2011-06-11
[30] US (13/180,000) 2011-07-11
[30] US (13/180,320) 2011-07-11
[30] US (13/181,498) 2011-07-12
[30] US (13/405,241) 2012-02-25

[21] **2,819,915**
[13] A1

[51] **Int.Cl. B62D 1/02 (2006.01) B62D 5/06 (2006.01) B62D 6/00 (2006.01) B62D 15/00 (2006.01) B62D 15/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE DETERMINATION OF A STEERING ANGLE**
[54] **PROCEDE ET SYSTEME POUR LA DETERMINATION D'UN ANGLE DE DIRECTION**
[72] SMITS, ERIK, AU
[72] FRASER, MATTHEW, AU
[71] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-04
[86] 2011-11-28 (PCT/AU2011/001545)
[87] (WO2012/083340)
[30] AU (2010905615) 2010-12-23

[21] **2,819,920**
[13] A1

[51] **Int.Cl. H02G 15/18 (2006.01) H01R 4/70 (2006.01)**
[25] EN
[54] **JOINTING ASSEMBLY FOR ELECTRICAL CABLES**
[54] **ENSEMBLE DE JONCTION POUR CABLES ELECTRIQUES**
[72] PORTAS, FRANCESCO, IT
[72] COLLINA, TANIA, IT
[72] GRACIA ALONSO, JAVIER, IT
[71] PRYSMIAN S.P.A., IT
[85] 2013-06-04
[86] 2010-12-22 (PCT/EP2010/007851)
[87] (WO2012/083984)

[21] **2,819,926**
[13] A1

[51] **Int.Cl. H02G 15/18 (2006.01) H02G 15/188 (2006.01)**
[25] EN
[54] **SCREEN CONNECTOR FOR ELECTRICAL CABLES AND JOINTING ASSEMBLY COMPRISING SAID SCREEN CONNECTOR**
[54] **CONNECTEUR DE BLINDAGE POUR CABLES ELECTRIQUES ET ENSEMBLE CONNEXION COMPRENANT LEDIT CONNECTEUR DE BLINDAGE**
[72] PORTAS, FRANCESCO, IT
[72] COLLINA, TANIA, IT
[72] GRACIA ALONSO, JAVIER, IT
[71] PRYSMIAN S.P.A., IT
[85] 2013-06-04
[86] 2010-12-22 (PCT/EP2010/007853)
[87] (WO2012/083986)

[21] **2,819,929**
[13] A1

[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/3205 (2006.01) A61B 17/34 (2006.01) A61B 17/56 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **TISSUE REMOVAL APPARATUS AND METHOD OF MANUFACTURING SAME**
[54] **APPAREIL D'ABLATION DE TISSU ET PROCEDE DE FABRICATION ASSOCIE**
[72] LEE SHEE, NATASHA, CA
[72] GODARA, NEIL, CA
[72] PEZESHKI, PADINA, CA
[72] PAGET, CAITLYN, CA
[71] KIMBERLY-CLARK, INC., CA
[85] 2013-06-04
[86] 2011-11-24 (PCT/CA2011/050730)
[87] (WO2012/088600)
[30] US (12/981,615) 2010-12-30

[21] **2,819,933**
[13] A1

[51] **Int.Cl. B27N 1/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AIR-SEPARATING AND GLUING WOOD CHIPS**
[54] **DISPOSITIF ET PROCEDE POUR LE CLASSEMENT PNEUMATIQUE ET L'ENCOLLAGE DE COPEAUX DE BOIS**
[72] SPEIDEL, HANNES, CH
[71] KRONOPLUS TECHNICAL AG, CH
[85] 2013-06-04
[86] 2010-12-23 (PCT/EP2010/007906)
[87] (WO2012/083994)

[21] **2,819,951**
[13] A1

[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/4164 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **DOSAGES OF ARYLSULFONAMIDE DERIVATIVES**
[54] **DOSAGES DE DERIVES D'ARYLSULFONAMIDE**
[72] COMBAL, JEAN-PHILIPPE, FR
[72] LATOUR, ELISABETH, FR
[71] FOVEA PHARMACEUTICALS, FR
[85] 2013-06-04
[86] 2011-12-09 (PCT/EP2011/072305)
[87] (WO2012/076684)
[30] EP (10306382.2) 2010-12-09

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[21] **2,819,970**
[13] A1

[51] **Int.Cl. C07D 405/10 (2006.01) A61K 31/505 (2006.01) A61P 25/18 (2006.01)**

[25] EN

[54] **NOVEL BENZOFURANE COMPOUNDS**

[54] **NOUVEAUX COMPOSES DE BENZOFURANNE**

[72] RODRIGUEZ SARMIENTO, ROSA MARIA, CH

[72] WICHMANN, JUERGEN, DE

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

[85] 2013-06-04

[86] 2011-12-12 (PCT/EP2011/072403)

[87] (WO2012/080149)

[30] EP (10195231.5) 2010-12-15

[21] **2,819,975**
[13] A1

[51] **Int.Cl. H01H 9/28 (2006.01)**

[25] EN

[54] **LOCKABLE MANUALLY-OPERATED ACTUATOR FOR ELECTRICAL SWITCHING DEVICES**

[54] **ENTRAINEMENT ROTATIF ACTIONNE A LA MAIN ET VERROUILLABLE POUR APPAREILS DE COMMUTATION ELECTRIQUES**

[72] LINDEN, RALPH, DE

[71] EATON ELECTRICAL IP GMBH & CO. KG, DE

[85] 2013-06-04

[86] 2011-12-13 (PCT/EP2011/072623)

[87] (WO2012/080259)

[30] EP (10194707.5) 2010-12-13

[21] **2,819,978**
[13] A1

[51] **Int.Cl. C07K 14/11 (2006.01) A61K 38/04 (2006.01) C07K 14/285 (2006.01) C07K 14/705 (2006.01)**

[25] EN

[54] **IMMUNE RESTRICTED PEPTIDES WITH INCREASED EFFICACY**

[54] **PEPTIDES RESTREINTS AU SYSTEME IMMUNITAIRE AYANT UNE EFFICACITE ACCRUE**

[72] OVAA, HUIB, NL

[72] RODENKO, BORIS, NL

[72] HOPPE, RIEUWERT, NL

[72] AMORE, ALESSIA, NL

[72] SCHUMACHER, ANTONIUS NICOLAAS MARIA, NL

[71] STICHTING SANQUIN BLOEDVOORZIENING, NL

[71] STICHTING HET NEDERLANDS KANKER INSTITUUT, NL

[85] 2013-06-04

[86] 2011-12-09 (PCT/EP2011/072377)

[87] (WO2012/076708)

[30] EP (PCT/EP2010/069246) 2010-12-09

[21] **2,819,981**
[13] A1

[51] **Int.Cl. G10K 11/16 (2006.01) C08L 95/00 (2006.01) G10K 11/162 (2006.01) G10K 11/168 (2006.01)**

[25] EN

[54] **CONSTRAINED-LAYER DAMPING MATERIAL**

[54] **MATERIAU D'AMORTISSEMENT A COUCHE CONTRAINTE**

[72] STOPIN, GILLES, FR

[72] TESSE, CELINE, FR

[71] AUTONEUM MANAGEMENT AG, CH

[85] 2013-06-04

[86] 2011-12-15 (PCT/EP2011/072947)

[87] (WO2012/080416)

[30] EP (10195287.7) 2010-12-16

[21] **2,819,988**
[13] A1

[51] **Int.Cl. A61K 47/24 (2006.01) A61K 9/107 (2006.01)**

[25] EN

[54] **O/W-EMULSIONS COMPRISING SEMIFLUORINATED ALKANES**

[54] **EMULSIONS H/E COMPRENANT DES ALCANES SEMIFLUORES**

[72] THEISINGER, BASTIAN, DE

[72] THEISINGER, SONJA, DE

[72] GUNTHER, BERNHARD, DE

[71] NOVALIQ GMBH, DE

[85] 2013-06-04

[86] 2012-01-03 (PCT/EP2012/050043)

[87] (WO2012/093113)

[30] EP (11150064.1) 2011-01-04

[21] **2,819,989**
[13] A1

[51] **Int.Cl. C07D 213/46 (2006.01)**

[25] EN

[54] **METHOD AND SUBSTANCES FOR PREPARATION OF N-SUBSTITUTED PYRIDINIUM COMPOUNDS**

[54] **PROCEDE ET SUBSTANCES PERMETTANT DE PREPARER DES COMPOSES DE PYRIDINIUM N-SUBSTITUES**

[72] GEBAUER, PETER, DE

[72] HEINDL, DIETER, DE

[72] HORN, CARINA, DE

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

[85] 2013-06-04

[86] 2012-01-24 (PCT/EP2012/050996)

[87] (WO2012/101095)

[30] EP (11152201.7) 2011-01-26

[21] **2,819,992**
[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01)**

[25] EN

[54] **A CONTAINER ASSEMBLY FOR USE WITH A DISPENSER**

[54] **ENSEMBLE RECIPIENT A UTILISER AVEC UN DISTRIBUTEUR**

[72] VAN DIEPEN, JACOBUS SIMON PETRUS, DE

[72] PIANTONI, STEVE, GB

[72] RICKETT, PETER, GB

[71] RECKITT BENCKISER N.V., NL

[85] 2013-06-04

[86] 2011-12-07 (PCT/GB2011/052416)

[87] (WO2012/076879)

[30] GB (1020777.7) 2010-12-08

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[21] **2,819,994**
[13] A1

[51] **Int.Cl. A61B 17/326 (2006.01)**
[25] EN
[54] **A SUPPORT ELEMENT FOR CIRCUMCISION AND SYSTEM COMPRISING THE SAME**
[54] **ELEMENT DE SUPPORT DESTINE A LA CIRCONCISION ET SYSTEME COMPRENANT CELUI-CI**
[72] FUERST, OREN, IL
[72] KILEMNICK, IDO, IL
[72] SHOHAT, SHAUL, IL
[71] CIRC MEDTECH LTD., VG
[85] 2013-06-04
[86] 2011-12-05 (PCT/IL2011/050040)
[87] (WO2012/077109)
[30] US (61/419,903) 2010-12-06

[21] **2,819,995**
[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/92 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL COMPOSITIONS AND METHOD FOR PRODUCING THEREOF**
[54] **COMPOSITIONS ORALES ET PROCEDE POUR PRODUIRE CELLES-CI**
[72] GU, BEN, US
[72] HASSAN, MAHMOUD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-04
[86] 2010-12-13 (PCT/US2010/060114)
[87] (WO2012/082103)

[21] **2,819,997**
[13] A1

[51] **Int.Cl. A61K 45/00 (2006.01) A61K 31/135 (2006.01) A61K 31/138 (2006.01) A61K 31/15 (2006.01) A61K 31/335 (2006.01) A61K 31/343 (2006.01) A61K 31/451 (2006.01) A61K 31/4525 (2006.01) A61K 31/495 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61P 29/00 (2006.01) C07D 223/28 (2006.01) C07D 307/87 (2006.01) C07D 313/12 (2006.01) C07D 405/12 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **PREVENTIVE OR THERAPEUTIC AGENT FOR PAIN ASSOCIATED WITH HERPES ZOSTER IN ACUTE PHASE**
[54] **AGENT PREVENTIF OU THERAPEUTIQUE DE LA DOULEUR ASSOCIEE AU ZONA EN PHASE AIGUE**
[72] INOUE, KAZUHIDE, JP
[72] TSUDA, MAKOTO, JP
[72] MATSUMURA, YUTA, JP
[71] KYUSHU UNIVERSITY, JP
[71] NIPPON CHEMIPHAR CO., LTD., JP
[85] 2013-06-04
[86] 2011-11-02 (PCT/JP2011/075244)
[87] (WO2012/060397)
[30] JP (2010-248173) 2010-11-05

[21] **2,819,999**
[13] A1

[51] **Int.Cl. C09C 1/44 (2006.01) B01J 19/08 (2006.01) C01B 31/02 (2006.01) H01J 9/02 (2006.01)**
[25] EN
[54] **PARTICULATE MATERIALS, COMPOSITES COMPRISING THEM, PREPARATION AND USES THEREOF**
[54] **MATERIAUX PARTICULAIRES, COMPOSITES LES COMPRENANT, PREPARATION ET UTILISATIONS DE CEUX-CI**
[72] WALTERS, IAN, GB
[72] WILLIAMS, MARTIN, GB
[71] INNOVATIVE CARBON LIMITED, GB
[85] 2013-06-04
[86] 2011-12-08 (PCT/GB2011/001707)
[87] (WO2012/076853)
[30] GB (1020836.1) 2010-12-08
[30] GB (1117129.5) 2011-10-03

[21] **2,820,001**
[13] A1

[51] **Int.Cl. B64D 43/00 (2006.01) B64D 31/00 (2006.01)**
[25] EN
[54] **POWER SAFETY INSTRUMENT SYSTEM**
[54] **SYSTEME D'INSTRUMENT DE SECURITE DE PUISSANCE**
[72] MCCOLLOUGH, JAMES M., US
[72] OLTHETEN, ERIK, US
[72] LAPPOS, NICHOLAS, US
[71] BELL HELICOPTER TEXTRON INC., US
[85] 2013-06-04
[86] 2010-12-22 (PCT/US2010/061701)
[87] (WO2012/087303)

[21] **2,820,002**
[13] A1

[51] **Int.Cl. H01L 31/04 (2006.01)**
[25] EN
[54] **SOLAR CELL AND SOLAR-CELL MODULE**
[54] **CELLULE SOLAIRE ET MODULE CELLULE SOLAIRE**
[72] HASHIGAMI, HIROSHI, JP
[72] WATABE, TAKENORI, JP
[72] TAKAHASHI, MITSUHIRO, JP
[72] TSUKIGATA, SHINTAROU, JP
[72] MURAKAMI, TAKASHI, JP
[72] MITTA, RYO, JP
[72] ENDO, YOKO, JP
[72] OTSUKA, HIROYUKI, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[85] 2013-06-04
[86] 2011-12-01 (PCT/JP2011/077784)
[87] (WO2012/077567)
[30] JP (2010-271619) 2010-12-06

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[21] **2,820,004**
[13] A1

[51] **Int.Cl. B64C 3/18 (2006.01)**
[25] EN
[54] **MULTI-DIRECTIONAL LOAD JOINT SYSTEM**
[54] **SYSTEME D'ASSEMBLAGE A CHARGE MULTIDIRECTIONNELLE**
[72] MCCULLOUGH, JOHN R., US
[72] CARLSON, DAVID GORDON, US
[72] HETHCOCK, JAMES DONN, US
[72] OLDROYD, PAUL K., US
[72] MAY, CARL A., US
[71] BELL HELICOPTER TEXTRON INC., US
[85] 2013-06-04
[86] 2010-12-28 (PCT/US2010/062211)
[87] (WO2012/091695)

[21] **2,820,007**
[13] A1

[51] **Int.Cl. G03B 19/18 (2006.01) G02F 1/13 (2006.01) G03B 9/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVED MOTION PICTURE CAMERAS**
[54] **DISPOSITIF ET PROCEDE D'AMELIORATION DE CAMERAS VIDEO**
[72] KOUNS, JOHN R., US
[72] DAVIS, ANTHONY WAYNE, US
[71] RED.COM, INC., US
[85] 2013-06-04
[86] 2011-05-06 (PCT/US2011/035495)
[87] (WO2011/152955)
[30] US (61/381,341) 2010-09-09

[21] **2,820,012**
[13] A1

[51] **Int.Cl. A61F 9/00 (2006.01) A61F 2/16 (2006.01) G02B 21/02 (2006.01) G02B 23/00 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **EXTENDED DEPTH OF FIELD OPTICS WITH VARIABLE PUPIL DIAMETER**
[54] **ELEMENTS OPTIQUES A PROFONDEUR DE CHAMP ETENDUE ET A DIAMETRE DE PUPILLE VARIABLE**
[72] CATHEY, W. THOMAS, JR., US
[72] CORMACK, ROBERT H., US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2013-06-04
[86] 2011-09-13 (PCT/US2011/051438)
[87] (WO2012/037154)
[30] US (61/382,090) 2010-09-13

[21] **2,820,014**
[13] A1

[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **IMAGE CODING DEVICE, IMAGE DECODING DEVICE, IMAGE CODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGES ANIMEES, DISPOSITIF DE DECODAGE D'IMAGES ANIMEES, PROCEDE DE CODAGE D'IMAGES ANIMEES ET PROCEDE DE DECODAGE D'IMAGES ANIMEES**
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-05-31
[86] 2011-11-01 (PCT/JP2011/006116)
[87] (WO2012/081162)
[30] JP (2010-281743) 2010-12-17

[21] **2,820,015**
[13] A1

[51] **Int.Cl. H02K 35/06 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC GENERATOR AND METHOD OF USING SAME**
[54] **GENERATEUR ELECTROMAGNETIQUE ET SON PROCEDE D'UTILISATION**
[72] COPELAND, CARL E., JR., US
[71] PROTOTUS, LTD., BZ
[85] 2013-06-04
[86] 2011-11-23 (PCT/US2011/062063)
[87] (WO2012/078372)
[30] US (61/421,000) 2010-12-08

[21] **2,820,017**
[13] A1

[51] **Int.Cl. F16K 31/52 (2006.01)**
[25] FR
[54] **TAP FOR PRESSURIZED FLUID, AND TANK HAVING SUCH A TAP**
[54] **ROBINET POUR FLUIDE SOUS PRESSION ET RESERVOIR MUNI D'UN TEL ROBINET**
[72] LIGONESCHE, RENAUD, FR
[72] DEBRY, TRISTAN, FR
[72] DE POTTER, ROMUALD, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[85] 2013-06-04
[86] 2011-11-28 (PCT/FR2011/052786)
[87] (WO2012/095570)
[30] FR (1150227) 2011-01-11

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[21] **2,820,019**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/22 (2006.01)**

[25] EN

[54] **STABLE EFFERVESCENT BISPHOSPHONATE FORMULATIONS WITH RAPID SOLUBILIZATION CHARACTERISTICS**

[54] **FORMULATIONS EFFERVESCENTES STABLES A BASE DE BISPHOSPHONATE PRESENTANT DES CARACTERISTIQUES DE SOLUBILISATION RAPIDE**

[72] HAYWARD, MARSHALL A., US

[72] SCHMIDT, TIMO, CH

[71] EFFRX PHARMACEUTICALS SA, CH

[85] 2013-06-04

[86] 2011-12-05 (PCT/US2011/063341)

[87] (WO2012/078528)

[30] US (61/419,972) 2010-12-06

[21] **2,820,021**
[13] A1

[51] **Int.Cl. B66F 19/00 (2006.01)**

[25] FR

[54] **TOOL FOR HANDLING A SEWER COVER**

[54] **OUTIL DE MANIEMENT D'UNE PLAQUE D'EGOUT**

[72] GARCIA, THOMAS, FR

[71] EUROSIGN, FR

[85] 2013-06-04

[86] 2011-12-06 (PCT/FR2011/052881)

[87] (WO2012/076806)

[30] FR (FR 1060092) 2010-12-06

[21] **2,820,022**
[13] A1

[51] **Int.Cl. A23L 1/236 (2006.01) A23L 2/56 (2006.01) A23L 2/60 (2006.01)**

[25] EN

[54] **BEVERAGE PRODUCTS WITH NON-NUTRITIVE SWEETENER AND BITTERANT**

[54] **PRODUITS DE BOISSON AVEC EDULCORANT ET AGENT AMER NON NUTRITIFS**

[72] ROY, GLENN, US

[72] LEE, THOMAS, US

[71] THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND, BM

[85] 2013-06-04

[86] 2010-12-06 (PCT/US2010/059074)

[87] (WO2012/078130)

[21] **2,820,024**
[13] A1

[51] **Int.Cl. E01D 19/14 (2006.01) E04C 5/08 (2006.01)**

[25] FR

[54] **DEVICE FOR DIVERTING A STRUCTURAL CABLE, SUCH AS A GUY LINE, AND CONSTRUCTION COMPRISING SAME**

[54] **DISPOSITIF DE DEVIATION D'UN CABLE DE STRUCTURE TEL QU'UN HAUBAN, ET OUVRAGE AINSI EQUIPE**

[72] MELLIER, ERIK, FR

[72] JOYE, STEPHANE, FR

[71] SOLETANCHE FREYSSINET, FR

[85] 2013-06-04

[86] 2011-12-07 (PCT/FR2011/052897)

[87] (WO2012/076815)

[30] FR (10 60270) 2010-12-08

[21] **2,820,025**
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) H04N 7/24 (2011.01)**

[25] EN

[54] **DEVICE AND METHOD FOR RECEIVING DIGITAL BROADCAST SIGNAL**

[54] **DISPOSITIF ET PROCEDE DE RECEPTION D'UN SIGNAL DE DIFFUSION NUMERIQUE**

[72] SUH, JONGYEUL, KR

[72] CHOE, JEEHYUN, KR

[72] KIM, JINPIL, KR

[72] KIM, KWANSUK, KR

[71] LG ELECTRONICS INC., KR

[85] 2013-06-04

[86] 2011-12-08 (PCT/KR2011/009458)

[87] (WO2012/077987)

[30] US (61/421,194) 2010-12-08

[30] US (61/446,504) 2011-02-25

[30] US (61/453,126) 2011-03-15

[30] US (61/453,136) 2011-03-16

[30] US (61/467,368) 2011-03-24

[21] **2,820,026**
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01) G06F 13/40 (2006.01)**

[25] EN

[54] **INTEGRATED CIRCUIT FOR FACILITATING OPTICAL COMMUNICATION BETWEEN ELECTRONIC DEVICES**

[54] **CIRCUIT INTEGRE POUR FACILITER LES TELECOMMUNICATIONS PAR FIBRES OPTIQUES ENTRE DES DISPOSITIFS ELECTRONIQUES**

[72] WALKER, RICHARD C., US

[71] CORNING CABLE SYSTEMS LLC, US

[85] 2013-06-04

[86] 2011-12-06 (PCT/US2011/063424)

[87] (WO2012/078571)

[30] US (61/420,454) 2010-12-07

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[21] **2,820,027**
[13] A1

[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01)**

[25] EN

[54] **BATTING TEE SYSTEM FOR BAT-AND-BALL GAMES**

[54] **SYSTEME DE SUPPORT DE BALLE POUR JEUX DU TYPE A BATTE ET A BALLE**

[72] KEELER, STEVE, US

[72] BERGEVIN, SCOTT, US

[71] KEELER, STEVE, US

[71] BERGEVIN, SCOTT, US

[85] 2013-06-04

[86] 2010-12-09 (PCT/US2010/059762)

[87] (WO2011/072162)

[30] US (12/634,546) 2009-12-09

[21] **2,820,030**
[13] A1

[51] **Int.Cl. F04D 29/32 (2006.01) F01D 5/14 (2006.01) F01D 5/20 (2006.01)**

[25] FR

[54] **TURBINE ENGINE BLADE HAVING IMPROVED STACKING LAW**

[54] **AUBE DE TURBOMACHINE A LOI D'EMPILAGE AMELIOREE**

[72] PESTEIL, AGNES, FR

[72] PERROT, VINCENT, FR

[71] SNECMA, FR

[85] 2013-06-04

[86] 2011-12-15 (PCT/FR2011/053000)

[87] (WO2012/080669)

[30] FR (1060538) 2010-12-15

[21] **2,820,033**
[13] A1

[51] **Int.Cl. C07D 311/26 (2006.01) C07D 405/10 (2006.01) C07D 407/10 (2006.01)**

[25] EN

[54] **PHOTOCHROMIC COMPOUNDS AND COMPOSITIONS**

[54] **COMPOSES ET COMPOSITIONS PHOTOCHROMIQUES**

[72] HE, MENG, US

[72] DABIDEEN, DARRIN R., US

[72] DAI, XIAO-MAN, US

[72] XIAO, WENJING, US

[72] XU, RUISONG, US

[72] MONDAL, SUIJIT, US

[72] KUMAR, ANIL, US

[72] CHOPRA, ANU, US

[71] TRANSITIONS OPTICAL, INC., US

[85] 2013-06-04

[86] 2011-12-08 (PCT/US2011/063878)

[87] (WO2012/082506)

[30] US (61/459,689) 2010-12-16

[30] US (13/313,178) 2011-12-07

[21] **2,820,034**
[13] A1

[51] **Int.Cl. H01L 31/04 (2006.01)**

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[54] **SOLAR CELL AND SOLAR-CELL MODULE**

[54] **CELLULE SOLAIRE ET MODULE CELLULE SOLAIRE**

[72] HASHIGAMI, HIROSHI, JP

[72] ISHIKAWA, NAOKI, JP

[72] WATABE, TAKENORI, JP

[72] OTSUKA, HIROYUKI, JP

[71] SHIN-ETSU CHEMICAL CO., LTD., JP

[85] 2013-06-04

[86] 2011-12-01 (PCT/JP2011/077787)

[87] (WO2012/077568)

[30] JP (2010-271659) 2010-12-06

[21] **2,820,035**
[13] A1

[51] **Int.Cl. C07C 279/22 (2006.01) A61K 31/16 (2006.01) A61K 31/165 (2006.01) A61K 31/341 (2006.01) A61K 31/396 (2006.01) A61K 31/40 (2006.01) A61K 31/44 (2006.01) A61K 31/445 (2006.01) A61K 31/495 (2006.01) A61K 31/505 (2006.01) C07D 239/42 (2006.01)**

[25] EN

[54] **CYCLOALKYL GUANIDINE F1F0-ATPASE INHIBITORS AND THERAPEUTIC USES THEREOF**

[54] **COMPOSES CYCLOALKYLGUANIDINES INHIBITEURS DE LA F1F0-ATPASE ET LEURS UTILISATIONS**

[72] HURD, ALEXANDER R., US

[72] TAYLOR, CLARKE B., US

[72] TOOGOOD, PETER L., US

[72] VANHUIS, CHAD A., US

[71] LYCERA CORPORATION, US

[85] 2013-06-04

[86] 2011-12-08 (PCT/US2011/063943)

[87] (WO2012/078867)

[30] US (61/420,899) 2010-12-08

[21] **2,820,036**
[13] A1

[51] **Int.Cl. B65D 5/40 (2006.01) B65B 61/24 (2006.01) B65D 5/74 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING PACKAGING CONTAINER AND PACKAGING CONTAINER**

[54] **PROCEDE DE FABRICATION D'UN CONTENANT D'EMBALLAGE ET CONTENANT D'EMBALLAGE**

[72] OKEZAWA, HIROAKI, JP

[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH

[85] 2013-06-04

[86] 2011-12-02 (PCT/JP2011/077908)

[87] (WO2012/077596)

[30] JP (2010-272768) 2010-12-07

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[21] **2,820,037**
[13] A1

[51] **Int.Cl. C09D 7/04 (2006.01) C09D 7/06 (2006.01) C09D 7/12 (2006.01)**

[25] EN

[54] **NON-AQUEOUS DISPERSIONS COMPRISING A NONLINEAR ACRYLIC STABILIZER**

[54] **DISPERSIONS NON AQUEUSES COMPRENANT UN STABILISANT ACRYLIQUE NON LINEAIRE**

[72] FUHRY, MARY ANN M., US
[72] FENN, DAVID R., US
[72] DUDIK, JOHN M., US
[72] ANDERSON, LINDA K., US
[72] WANG, WEI, US
[72] SIMPSON, DENNIS A., US
[72] MORAVEK, SCOTT J., US
[72] NIEDERST, KEN W., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2013-06-04
[86] 2011-12-06 (PCT/US2011/063605)
[87] (WO2012/078681)
[30] US (12/963,045) 2010-12-08

[21] **2,820,039**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**

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[54] **IMMUNOASSAY OF COFILIN 1 PROTEIN**

[54] **PROCEDE DE MESURE IMMUNOLOGIQUE DE LA PROTEINE COFILINE-1**

[72] KOBAYASHI, MICHIMOTO, JP
[72] TANAKA, YOSHINORI, JP
[72] TAKAYAMA, AIKO, JP
[72] KANAMORI, SATOKO, JP
[72] JUNG, GIMAN, JP
[72] SAKAI, YOSHIHARU, JP
[72] OKABE, HIROSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[71] KYOTO UNIVERSITY, JP
[85] 2013-06-04
[86] 2011-12-05 (PCT/JP2011/078091)
[87] (WO2012/077643)
[30] JP (2010-274879) 2010-12-09

[21] **2,820,046**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) B01F 5/06 (2006.01) B01F 13/00 (2006.01) G01N 15/14 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD USING ANTI-ADSORPTION AGENT TO FACILITATE SAMPLE MIXING AND ANALYSIS**

[54] **APPAREIL ET PROCEDE UTILISANT UN AGENT ANTI-ADSORPTION POUR FACILITER LE MELANGE ET L'ANALYSE D'ECHANTILLONS**

[72] LALPURIA, NITEN V., IN
[72] UNFRICHT, DARRYN W., US
[72] NIKONOROV, IGOR, US
[72] PORTS, BENJAMIN, US
[72] OLSON, DOUGLAS R., US
[71] ABBOTT POINT OF CARE, INC., US
[85] 2013-06-04
[86] 2011-12-08 (PCT/US2011/063981)
[87] (WO2012/078896)
[30] US (61/421,451) 2010-12-09

[21] **2,820,038**
[13] A1

[51] **Int.Cl. C25C 7/08 (2006.01) C25C 1/00 (2006.01) C25C 7/00 (2006.01)**

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[54] **CONTINUOUS ELECTROWINNING PROCESS AND SYSTEM THEREOF**

[54] **PROCEDE D'EXTRACTION ELECTROLYTIQUE CONTINUE ET SYSTEME ASSOCIE**

[72] BARTON, CAMERON, US
[71] FLSMIDTH A/S, DK
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063762)
[87] (WO2012/096728)
[30] US (61/421,345) 2010-12-09

[21] **2,820,044**
[13] A1

[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/44 (2006.01) C07C 279/22 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01)**

[25] EN

[54] **PYRIDONYL GUANIDINE F1F0-ATPASE INHIBITORS AND THERAPEUTIC USES THEREOF**

[54] **INHIBITEURS PYRIDONYL GUANIDINE DE LA F1F0-ATPASE ET LEURS UTILISATIONS THERAPEUTIQUES**

[72] GLICK, GARY D., US
[72] HURD, ALEXANDER R., US
[72] MATTSON, MATTHEW N., US
[72] TAYLOR, CLARKE B., US
[72] VANHUIS, CHAD A., US
[71] LYCERA CORPORATION, US
[85] 2013-06-04
[86] 2011-12-08 (PCT/US2011/063945)
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[30] US (61/420,934) 2010-12-08

[21] **2,820,047**
[13] A1

[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/00 (2006.01) G01V 1/24 (2006.01)**

[25] EN

[54] **DISTANCE-AND FREQUENCY-SEPARATED SWEPT-FREQUENCY SEISMIC SOURCES**

[54] **SOURCES SISMIQUES A FREQUENCE BALAYEE SEPAREE EN DISTANCE ET EN FREQUENCE**

[72] DELLINGER, JOSEPH ANTHONY, US
[72] ABMA, RAYMOND LEE, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-06-04
[86] 2011-12-09 (PCT/US2011/064120)
[87] (WO2012/078966)
[30] US (61/421,707) 2010-12-10

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[21] **2,820,048**
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01) G06F 13/40 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR FACILITATING OPTICAL COMMUNICATION BETWEEN ELECTRONIC DEVICES**
[54] **APPAREILS, SYSTEMES ET PROCÉDES DESTINÉS À FACILITER LA COMMUNICATION OPTIQUE ENTRE DES DISPOSITIFS ÉLECTRONIQUES**
[72] WALKER, RICHARD C, US
[71] CORNING CABLE SYSTEMS LLC, US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063628)
[87] (WO2012/078699)
[30] US (61/420,450) 2010-12-07

[21] **2,820,050**
[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01)**
[25] EN
[54] **SEISMIC ACQUISITION USING NARROWBAND SEISMIC SOURCES**
[54] **ACQUISITION SISMIQUE FAISANT APPEL À DES SOURCES SISMiques À BANDE ÉTROITE**
[72] DELLINGER, JOSEPH ANTHONY, US
[72] ETGEN, JOHN T., US
[72] OPENSHAW, GRAHAM ANTHONY, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-06-04
[86] 2011-12-16 (PCT/US2011/065616)
[87] (WO2012/083234)
[30] US (61/423,962) 2010-12-16

[21] **2,820,052**
[13] A1

[51] **Int.Cl. C08F 2/00 (2006.01)**
[25] EN
[54] **IMPROVED CONTROL OVER CONTROLLED RADICAL POLYMERIZATION PROCESSES**
[54] **CONTRÔLE AMÉLIORÉ DES PROCÉDES DE POLYMERISATION RADICALAIRE CONTRÔLÉE**
[72] JAKUBOWSKI, WOJCIECH, US
[72] SPANSWICK, JAMES, US
[71] ATRP SOLUTIONS, INC., US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063673)
[87] (WO2012/078716)
[30] US (12/926,780) 2010-12-08

[21] **2,820,056**
[13] A1

[51] **Int.Cl. B01D 17/025 (2006.01)**
[25] EN
[54] **OIL WATER SEPARATION AND SKIMMING DEVICE**
[54] **DISPOSITIF D'ÉCUMAGE ET DE SÉPARATION PÉTROLE-EAU**
[72] RAFIQUE, JANJUA, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063705)
[87] (WO2012/078732)
[30] US (61/420,622) 2010-12-07

[21] **2,820,058**
[13] A1

[51] **Int.Cl. G06F 9/45 (2006.01) G06F 9/30 (2006.01)**
[25] EN
[54] **MULTI-MODAL COMPILING APPARATUS AND METHOD FOR GENERATING A HYBRID CODEFILE**
[54] **APPAREIL DE COMPILATION MULTIMODE ET PROCÉDE PERMETTANT DE GÉNÉRER UN FICHER DE CODES HYBRIDE**
[72] BEALE, ANDREW WARD, US
[72] THOMAS, DAMIAN JOHN, US
[72] MEYERS, ROBERT JOSEPH, US
[71] UNISYS CORPORATION, US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063719)
[87] (WO2012/078742)
[30] US (12/962,271) 2010-12-07

[21] **2,820,061**
[13] A1

[51] **Int.Cl. H04N 7/26 (2006.01) H04N 7/36 (2006.01)**
[25] EN
[54] **ADAPTIVE SUPPORT FOR INTERPOLATING VALUES OF SUB-PIXELS FOR VIDEO CODING**
[54] **SUPPORT ADAPTATIF POUR INTERPOLER DES VALEURS DE SOUS-PIXELS À DES FINS DE CODAGE VIDEO**
[72] PANCHAL, RAHUL P., US
[72] KARCZEWICZ, MARTA, US
[72] CHEN, PEISONG, US
[71] QUALCOMM INCORPORATED, US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063730)
[87] (WO2012/078748)
[30] US (61/422,051) 2010-12-10
[30] US (13/311,755) 2011-12-06

[21] **2,820,062**
[13] A1

[51] **Int.Cl. B25B 13/00 (2006.01) B25B 23/00 (2006.01)**
[25] EN
[54] **HUB TO FORM COLLAPSIBLE SPIDER-TYPE LUG WRENCH**
[54] **MOYEU PERMETTANT DE FORMER UN DÉMONTÉ-ROUE DE TYPE CROISSILLON PLIABLE**
[72] KAMIGAKI, ROBERT TSUYOSHI, US
[71] KAMIGAKI, ROBERT TSUYOSHI, US
[85] 2013-06-04
[86] 2010-12-14 (PCT/US2010/003174)
[87] (WO2012/011889)

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[21] **2,820,065**
[13] A1

[51] **Int.Cl. C07D 231/38 (2006.01) A61K 31/415 (2006.01) A61K 31/53 (2006.01) A61K 31/551 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **PYRAZOLYL GUANIDINE F1F0-ATPASE INHIBITORS AND THERAPEUTIC USES THEREOF**

[54] **INHIBITEURS PYRAZOLYL GUANIDINE DE LA F1F0-ATPASE ET LEURS UTILISATIONS THERAPEUTIQUES**

[72] GLICK, GARY D., US
[72] HURD, ALEXANDER R., US
[72] TAYLOR, CLARKE B., US
[72] VANHUIS, CHAD A., US
[71] LYCERA CORPORATION, US
[85] 2013-06-04
[86] 2011-12-08 (PCT/US2011/063950)
[87] (WO2012/078874)
[30] US (61/420,950) 2010-12-08

[21] **2,820,067**
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **MATERIALS AND METHOD FOR DETECTING CYTOMEGALOVIRUS (CMV)**

[54] **SUBSTANCES ET PROCEDE POUR DETECTER LE CYTOMEGALOVIRUS (CMV)**

[72] HO, SHIAOLAN Y., US
[72] BARRY, CATHERINE P., US
[71] ABBOTT MOLECULAR INC., US
[85] 2013-06-04
[86] 2012-01-11 (PCT/US2012/020997)
[87] (WO2012/097105)
[30] US (61/432,012) 2011-01-12

[21] **2,820,069**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) C09D 127/18 (2006.01)**

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[54] **SURGICAL INSTRUMENT INSTRUMENT CHIRURGICAL**

[72] MORRIS, JAMES R., US
[72] MORRIS, JAMES M., US
[72] MORRIS, CRAIG, US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2013-06-04
[86] 2011-12-09 (PCT/US2011/064243)
[87] (WO2012/079025)
[30] US (61/421,767) 2010-12-10
[30] US (13/311,984) 2011-12-06

[21] **2,820,070**
[13] A1

[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/142 (2006.01)**

[25] EN

[54] **INSERTION DEVICE SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES POUR DISPOSITIF D'INSERTION**

[72] CHONG, COLIN A., US
[72] BIKOVSKY, RAFAEL, US
[72] IBRANYAN, ARSEN, US
[72] LIVINGSTON, ADAM J., US
[72] LORENZEN, ERIC M., US
[72] MASTERSON, STEVEN, US
[72] MCGEE, TOM, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2013-06-04
[86] 2012-01-27 (PCT/US2012/022881)
[87] (WO2012/103428)
[30] US (13/015,028) 2011-01-27

[21] **2,820,072**
[13] A1

[51] **Int.Cl. G01N 27/404 (2006.01) C12M 1/34 (2006.01) G01N 33/18 (2006.01)**

[25] EN

[54] **SINGLE USE BIOREACTOR FOR USE WITH DETACHABLE DISSOLVED OXYGEN SENSOR**

[54] **BIOREACTEUR A UTILISATION UNIQUE POUR L'UTILISATION AVEC UN CAPTEUR AMOVIBLE D'OXYGENE DISSOUS**

[72] FENG, CHANG-DONG, US
[71] ROSEMOUNT ANALYTICAL, INC., US
[85] 2013-05-23
[86] 2011-12-15 (PCT/US2011/065032)
[87] (WO2012/082973)
[30] US (61/424,261) 2010-12-17

[21] **2,820,073**
[13] A1

[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/142 (2006.01)**

[25] EN

[54] **INSERTION DEVICE SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES POUR DISPOSITIF D'INSERTION**

[72] CHONG, COLIN A., US
[72] LORENZEN, ERIC M., US
[72] BIKOVSKY, RAFAEL, US
[72] IBRANYAN, ARSEN, US
[72] LIVINGSTON, ADAM J., US
[72] MCGEE, TOM, US
[72] MASTERSON, STEVEN, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2013-06-04
[86] 2012-01-27 (PCT/US2012/022883)
[87] (WO2012/103429)
[30] US (13/015,051) 2011-01-27

[21] **2,820,074**
[13] A1

[51] **Int.Cl. H04B 7/14 (2006.01) H04W 56/00 (2009.01)**

[25] EN

[54] **FAST ACCESS ASYNCHRONOUS REPEATER WAKEUP PROTOCOL**

[54] **PROTOCOLE DE REVEIL REPETITEUR ASYNCHRONE A ACCES RAPIDE**

[72] KHAN, SHAKEEB Z., US
[72] MEDVID, JOSEPH J., III, US
[72] RUELKE, CHARLES R., US
[72] YOUNG, RICHARD S., US
[72] AVANIC, BRANKO L., US
[72] CRUGER, LORENZO J., US
[72] DINH, TAN V., US
[72] EKANAYAKE, MAHES M., US
[72] GONZALEZ, ARMANDO J., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2013-06-04
[86] 2011-12-14 (PCT/US2011/064768)
[87] (WO2012/082816)
[30] US (12/968,443) 2010-12-15

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[21] **2,820,075**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IMIDAZO [1, 2-A] PYRIDINE SULFONAMIDES AS TRPM8 MODULATORS**
[54] **IMIDAZO[1,2-A]PYRIDINESULFONAMIDES EN TANT QUE MODULATEURS DE TRPM8**
[72] MACIELAG, MARK J., US
[72] XIA, MINGDE, US
[72] MCNALLY, JAMES J., US
[72] MATTHEWS, JAY M., US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2013-06-04
[86] 2011-12-09 (PCT/US2011/064182)
[87] (WO2012/078994)
[30] US (61/421,401) 2010-12-09

[21] **2,820,076**
[13] A1

[51] **Int.Cl. H04W 4/06 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD IN A COMMUNICATION NETWORK OF DYNAMICALLY ASSIGNING A MULTIMEDIA BROADCAST/MULTICAST SERVICE BEARER TO A MULTICAST CHANNEL**
[54] **SYSTEME ET PROCEDE DANS UN RESEAU DE COMMUNICATION POUR ATTRIBUER DYNAMIQUEMENT UN SUPPORT DE SERVICE DE DIFFUSION/MULTIDIFFUSION MULTIMEDIA A UN CANAL DE MULTIDIFFUSION**
[72] DORENBOSCH, JHEROEN P., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2013-06-04
[86] 2011-12-14 (PCT/US2011/064775)
[87] (WO2012/087691)
[30] US (12/972,489) 2010-12-19

[21] **2,820,077**
[13] A1

[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **COMBINATIONS OF E-1,3,3,3-TETRAFLUOROPROPENE AND AT LEAST ONE TETRAFLUOROETHANE AND THEIR USE FOR HEATING**
[54] **ASSOCIATIONS D'E-1,3,3,3-TETRAFLUOROPROPENE ET D'AU MOINS UN TETRAFLUOROETHANE ET LEUR UTILISATION POUR PRODUIRE DE LA CHALEUR**
[72] KONTOMARIS, KONSTANTINOS, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-04
[86] 2011-12-14 (PCT/US2011/064974)
[87] (WO2012/082939)
[30] US (61/422,935) 2010-12-14

[21] **2,820,078**
[13] A1

[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 491/14 (2006.01) C07D 495/14 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **TRICYCLIC PI3K INHIBITOR COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES TRICYCLIQUES INHIBITEURS DE PI3K ET PROCEDES D'UTILISATION**
[72] DOTSON, JENNAFER, US
[72] HEALD, ROBERT ANDREW, GB
[72] HEFFRON, TIMOTHY, US
[72] JONES, GRAHAM ELGIN, GB
[72] KRINTEL, SUSSIE LERCHE, GB
[72] MCLEAN, NEVILLE JAMES, GB
[72] NDUBAKU, CHUDI, US
[72] OLIVERO, ALAN G., US
[72] SALPHATI, LAURENT, US
[72] WANG, LAN, US
[72] WEI, BINQING, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-04
[86] 2011-12-15 (PCT/US2011/065101)
[87] (WO2012/082997)
[30] US (61/423,694) 2010-12-16

[21] **2,820,079**
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01)**
[25] EN
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[54] **POLICE DE CARACTERES FLEXIBLE**
[72] BLADES, DIAN, AU
[71] BLADES, DIAN, AU
[85] 2013-05-13
[86] 2010-11-24 (PCT/AU2010/001580)
[87] (WO2011/066599)
[30] AU (2009905882) 2009-12-04

[21] **2,820,080**
[13] A1

[51] **Int.Cl. B01D 46/42 (2006.01) B01D 46/00 (2006.01) B01D 46/24 (2006.01)**
[25] EN
[54] **STRUCTURAL REINFORCEMENTS FOR FILTER ASSEMBLIES**
[54] **RENFORTS STRUCTURAUX DESTINES A DES ENSEMBLES FILTRE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-06-04
[86] 2011-12-20 (PCT/US2011/066305)
[87] (WO2012/088186)
[30] US (61/426,427) 2010-12-22

[21] **2,820,081**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **DISTRIBUTED COMPUTING ARCHITECTURE**
[54] **ARCHITECTURE INFORMATIQUE DISTRIBUEE**
[72] LAUDERDALE, CHRISTOPHER GALEN, US
[72] KHAN, RISHI LEE, US
[71] ET INTERNATIONAL, INC., US
[85] 2013-06-04
[86] 2011-12-16 (PCT/US2011/065532)
[87] (WO2012/083188)
[30] US (61/424,052) 2010-12-16

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[21] **2,820,083**
[13] A1

[51] **Int.Cl. B21D 37/04 (2006.01) B21D 37/20 (2006.01)**

[25] EN

[54] **GAS SPRING MOUNTING ASSEMBLY AND METHOD FOR METAL FORMING DIES**

[54] **ENSEMBLE DE MONTAGE DE RESSORT A GAZ ET PROCEDE POUR MATRICES DE FORMATION DE METAL**

[72] BREEN, SCOTT M., US

[72] PYPHER, JOEL T., US

[71] STANDARD LIFTERS, INC., US

[85] 2013-06-04

[86] 2011-12-21 (PCT/US2011/066431)

[87] (WO2012/088242)

[30] US (61/425,376) 2010-12-21

[30] US (13/331,276) 2011-12-20

[21] **2,820,087**
[13] A1

[51] **Int.Cl. C07D 311/78 (2006.01) A61K 31/352 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS OF USING CRYSTALLINE FORMS OF WORTMANNIN ANALOGS**

[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DES FORMES CRISTALLINES D'ANALOGUES DE WORTMANNINE**

[72] MILLARD, JEFFREY, US

[72] CHRISTIANSON, GARY, US

[72] CHARLES, ERIC, US

[71] ONCOTHYREON INC., US

[85] 2013-06-04

[86] 2011-12-27 (PCT/US2011/067411)

[87] (WO2012/092288)

[30] US (61/428,439) 2010-12-30

[21] **2,820,090**
[13] A1

[51] **Int.Cl. H01L 51/42 (2006.01) H01L 51/48 (2006.01)**

[25] EN

[54] **ORGANIC PHOTOVOLTAIC ARRAY AND METHOD OF MANUFACTURE**

[54] **GENERATEUR PHOTOVOLTAIQUE ORGANIQUE ET PROCEDE DE FABRICATION**

[72] JIANG, XIAOMEI, US

[72] LEWIS, JASON, US

[71] UNIVERSITY OF SOUTH FLORIDA, US

[85] 2013-06-04

[86] 2012-02-14 (PCT/US2012/025028)

[87] (WO2012/112533)

[30] US (61/442,561) 2011-02-14

[21] **2,820,085**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR CONTROLLING AND MANAGING PERSONAL DATA COMMUNICATIONS**

[54] **SYSTEME ET PROCEDE POUR CONTROLER ET GERER DES COMMUNICATIONS DE DONNEES PERSONNELLES**

[72] SMITH, GEORGE P., US

[71] CUSTOMIZED TECHNOLOGY SERVICES, INC., US

[85] 2013-06-04

[86] 2011-12-26 (PCT/US2011/067316)

[87] (WO2012/092227)

[30] US (61/427,216) 2010-12-27

[21] **2,820,089**
[13] A1

[51] **Int.Cl. B21D 37/04 (2006.01) B21D 37/20 (2006.01)**

[25] EN

[54] **GAS SPRING MOUNTING ASSEMBLY AND METHOD FOR METAL FORMING DIES**

[54] **ENSEMBLE DE MONTAGE DE RESSORT A GAZ ET PROCEDE POUR MATRICES DE FORMATION DE METAL**

[72] BREEN, SCOTT M., US

[72] PYPHER, JOEL T., US

[71] STANDARD LIFTERS, INC., US

[85] 2013-06-04

[86] 2011-12-21 (PCT/US2011/066433)

[87] (WO2012/088244)

[30] US (61/425,372) 2010-12-21

[30] US (13/331,167) 2011-12-20

[21] **2,820,092**
[13] A1

[51] **Int.Cl. G06F 7/04 (2006.01)**

[25] EN

[54] **WEARABLE DEVICE DATA SECURITY**

[54] **SECURITE DES DONNEES D'UN DISPOSITIF PORTABLE**

[72] RAHMAN, HOSAIN SADEQUR, US

[72] DRYSDALE, RICHARD LEE, US

[72] LUNA, MICHAEL EDWARD SMITH, US

[72] FULLAM, SCOTT, US

[72] BOGARD, TRAVIS AUSTIN, US

[72] ROBISON, JEREMIAH, US

[72] UTTER, MAX EVERETT, II, US

[72] DONALDSON, THOMAS ALAN, GB

[72] MARTINO, RAYMOND A., US

[71] ALIPHCOM, US

[85] 2013-06-04

[86] 2012-05-31 (PCT/US2012/040328)

[87] (WO2012/170283)

[30] US (13/158,372) 2011-06-10

[30] US (13/158,416) 2011-06-11

[30] US (61/495,995) 2011-06-11

[30] US (61/495,994) 2011-06-11

[30] US (61/495,997) 2011-06-11

[30] US (61/495,996) 2011-06-11

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[30] US (13/180,320) 2011-07-11

[30] US (13/181,500) 2011-07-12

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[21] **2,820,094**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01)**

[25] EN

[54] **NUCLEIC ACID TARGET DETECTION USING A DETECTOR, A PROBE AND AN INHIBITOR**

[54] **DETECTION D'UN ACIDE NUCLEIQUE CIBLE A L'AIDE D'UN DETECTEUR, D'UNE SONDÉ ET D'UN INHIBITEUR**

[72] RAZ, TAL, US
[72] MARY, PASCALINE, US
[71] GNUBIO, INC., US
[71] GNUBIO, INC., US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063654)
[87] (WO2012/078710)
[30] US (61/420,747) 2010-12-07

[21] **2,820,105**
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/80 (2006.01)**

[25] EN

[54] **SURGICAL DEVICE FOR BENDING AN IMPLANT AND IMPLANT SYSTEM COMPRISING THE DEVICE**

[54] **DISPOSITIF CHIRURGICAL POUR COURBER UN IMPLANT ET SYSTEME D'IMPLANT COMPRENANT LE DISPOSITIF**

[72] KNOEPFLE, CHRISTIAN, DE
[71] STRYKER LEIBINGER GMBH & CO. KG, DE
[85] 2013-06-05
[86] 2010-12-17 (PCT/EP2010/007749)
[87] (WO2012/079611)

[21] **2,820,108**
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01) H04N 21/84 (2011.01) H04L 12/18 (2006.01) H04M 3/56 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **ANNOTATION METHOD AND SYSTEM FOR CONFERENCING**

[54] **PROCEDE D'ANNOTATION ET SYSTEME DE TELECONFERENCE**

[72] HILL, DOUGLAS BLAIR, CA
[72] BAX, BRADLEY JAMES, CA
[72] GARIN, ALEXANDER, CA
[72] MAHOVSKY, JEFFREY ADAM, CA
[71] SMART TECHNOLOGIES ULC, CA
[85] 2013-06-05
[86] 2011-12-06 (PCT/CA2011/001340)
[87] (WO2012/075565)
[30] US (61/420,241) 2010-12-06
[30] US (61/454,492) 2011-03-18

[21] **2,820,095**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/32 (2006.01)**

[25] EN

[54] **ISOFORM ENRICHED ANTIBODY PREPARATION AND METHOD FOR OBTAINING IT**

[54] **PREPARATION D'ANTICORPS ENRICHIE EN ISOFORMES ET SON PROCEDE D'OBTENTION**

[72] FALKENSTEIN, ROBERTO, DE
[72] SCHWENDNER, KLAUS, DE
[72] SPENSBERGER, BERNHARD, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-04
[86] 2011-12-19 (PCT/EP2011/073245)
[87] (WO2012/084829)
[30] EP (10196287.6) 2010-12-21

[21] **2,820,106**
[13] A1

[51] **Int.Cl. H02M 3/335 (2006.01) G05F 1/00 (2006.01)**

[25] EN

[54] **POWER SUPPLY CONTROL SYSTEM AND DEVICE**

[54] **SYSTEME DE COMMANDE D'ALIMENTATION ET DISPOSITIF ASSOCIE**

[72] HAMOND, JAMES, AU
[71] INDICE PTY LTD, AU
[85] 2013-06-05
[86] 2011-12-09 (PCT/AU2011/001598)
[87] (WO2012/075542)
[30] AU (2010905447) 2010-12-09
[30] US (61/432,564) 2011-01-13

[21] **2,820,109**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 29/00 (2006.01) C07D 401/14 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **PYRIDINE AMIDE DERIVATIVES AS EP4 RECEPTOR ANTAGONISTS**

[54] **DERIVES DE PYRIDINAMIDE EN TANT QU'ANTAGONISTES DE RECEPTEUR EP4**

[72] BORRIELLO, MANUELA, IT
[72] ROVATI, LUCIO, IT
[72] STASI, LUIGI PIERO, IT
[72] BUZZI, BENEDETTA, IT
[72] COLACE, FABRIZIO, IT
[71] ROTTAPHARM S.P.A., IT
[85] 2013-06-05
[86] 2010-12-10 (PCT/EP2010/069355)
[87] (WO2012/076063)

[21] **2,820,097**
[13] A1

[51] **Int.Cl. B01D 53/10 (2006.01) B01J 20/12 (2006.01)**

[25] EN

[54] **FLUE GAS SCRUBBING**

[54] **LAVAGE DE GAZ DE COMBUSTION**

[72] WANG, ZHEN, US
[71] AMCOL INTERNATIONAL CORPORATION, US
[85] 2013-06-04
[86] 2011-08-05 (PCT/US2011/046726)
[87] (WO2012/106007)
[30] US (13/017,539) 2011-01-31

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[21] **2,820,110**
[13] A1

[51] **Int.Cl. A47L 13/20 (2006.01) A47L 13/252 (2006.01)**
[25] EN
[54] **MOP**
[54] **BALAI A FRANGES**
[72] GIBIS, KARL-LUDWIG, DE
[72] WEIS, NORBERT, DE
[72] PHILIPP, DIETER, DE
[72] SCHMITT, LARS, DE
[71] CARL FREUDENBERG KG, DE
[85] 2013-06-05
[86] 2011-10-17 (PCT/EP2011/005199)
[87] (WO2012/076075)
[30] DE (10 2010 054 010.2) 2010-12-09

[21] **2,820,111**
[13] A1

[51] **Int.Cl. A47L 13/16 (2006.01)**
[25] EN
[54] **CLEANING CLOTH WITH CLEANING ISLANDS**
[54] **LINGE DE NETTOYAGE PRESENTANT DES ILOTS DE NETTOYAGE**
[72] GIBIS, KARL-LUDWIG, DE
[72] WEIS, NORBERT, DE
[71] CARL FREUDENBERG KG, DE
[85] 2013-06-05
[86] 2011-10-17 (PCT/EP2011/005200)
[87] (WO2012/076076)
[30] DE (10 2010 054 009.9) 2010-12-09

[21] **2,820,112**
[13] A1

[51] **Int.Cl. C01D 15/08 (2006.01) B01J 8/00 (2006.01) B01J 10/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING HIGH-PURITY LITHIUM CARBONATE**
[54] **METHODE DE PREPARATION D'UN CARBONATE DE LITHIUM DE HAUTE PURETE**
[72] YAO, KAILIN, CN
[72] JIN, PENG, CN
[72] HUO, LIMING, CN
[72] TU, MINGJIANG, CN
[72] LIANG, PINGWU, CN
[72] YAN, XINXING, CN
[72] JIANG, HUCHENG, CN
[71] SICHUAN TIANQI LITHIUM INDUSTRIES, INC., CN
[85] 2013-06-05
[86] 2011-07-08 (PCT/CN2011/076978)
[87] (WO2012/083678)
[30] CN (201010600802.8) 2010-12-22

[21] **2,820,113**
[13] A1

[51] **Int.Cl. C08L 3/04 (2006.01) C08B 30/14 (2006.01) C08B 31/00 (2006.01) C08B 31/12 (2006.01) C08J 3/075 (2006.01) D21H 17/29 (2006.01)**
[25] EN
[54] **IMPROVED STARCH COMPOSITION FOR USE IN PAPER MANUFACTURE**
[54] **COMPOSITION D'AMIDON AMELIOREE DESTINEE A ETRE UTILISEE DANS LA FABRICATION DE PAPIER**
[72] ROUX, RUDY, FR
[72] VOIGT, ANDREAS, DE
[71] CARGILL, INCORPORATED, US
[85] 2013-06-05
[86] 2011-12-07 (PCT/EP2011/006140)
[87] (WO2012/076163)
[30] EP (10194577.2) 2010-12-10

[21] **2,820,114**
[13] A1

[51] **Int.Cl. C07D 213/38 (2006.01) A61K 31/4418 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C07D 213/26 (2006.01)**
[25] EN
[54] **COMPOUND FOR THE TREATMENT OF TUMOURS AND TUMOUR METASTASES**
[54] **COMPOSE DESTINE AU TRAITEMENT DE TUMEURS ET DE METASTASES TUMORALES**
[72] PERICOT MOHR, GALLA, IT
[72] THOMAS, RUSSEL J., IT
[72] MINETTO, GIACOMO, IT
[72] BELLINI, MARTA, IT
[72] WIEDENAU, PAUL H., IT
[72] BETTI, MATTEO, IT
[71] SIENA BIOTECH S.P.A., IT
[85] 2013-06-05
[86] 2011-12-02 (PCT/EP2011/071630)
[87] (WO2012/076413)
[30] EP (10193751.4) 2010-12-06

[21] **2,820,115**
[13] A1

[51] **Int.Cl. H01R 13/502 (2006.01) B60C 23/04 (2006.01) B60N 3/14 (2006.01) H01Q 1/24 (2006.01)**
[25] EN
[54] **ANTENNA MOUNTING STRUCTURE FOR A MONITORING COMPONENT OF AN ONBOARD POWER-TAKING PORT**
[54] **STRUCTURE D'INSTALLATION D'ANTENNE POUR ENSEMBLE DE SURVEILLANCE D'UNE INTERFACE DE CONSOMMATEUR ELECTRIQUE MONTEE SUR UN VEHICULE**
[72] LI, ZHITAO, CN
[71] LI, ZHITAO, CN
[71] STEELMATE CO., LTD, CN
[85] 2013-06-05
[86] 2011-11-15 (PCT/CN2011/082228)
[87] (WO2013/037162)
[30] CN (201110270192.4) 2011-09-13

[21] **2,820,116**
[13] A1

[51] **Int.Cl. H01H 9/44 (2006.01) H01H 1/20 (2006.01)**
[25] EN
[54] **SWITCH WITH QUENCHING CHAMBER**
[54] **INTERRUPTEUR A CHAMBRE D'EXTINCTION**
[72] FRIEDRICHSEN, LUTZ, DE
[72] LANG, VOLKER, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
[85] 2013-06-05
[86] 2011-12-07 (PCT/EP2011/072092)
[87] (WO2012/076603)
[30] EP (10194006.2) 2010-12-07

[21] **2,820,117**
[13] A1

[51] **Int.Cl. H01H 9/44 (2006.01) H01H 1/20 (2006.01) H01H 9/34 (2006.01)**
[25] EN
[54] **SWITCH WITH ARC CHUTE**
[54] **INTERRUPTEUR A CHAMBRE D'EXTINCTION**
[72] LANG, VOLKER, DE
[72] FRIEDRICHSEN, LUTZ, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
[85] 2013-06-05
[86] 2011-12-07 (PCT/EP2011/072097)
[87] (WO2012/076606)
[30] EP (10194012.0) 2010-12-07

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[21] **2,820,119**
[13] A1

[51] **Int.Cl. A01D 45/02 (2006.01) A01D 41/14 (2006.01)**
[25] EN
[54] **HARVESTING ATTACHMENT FOR A HARVESTER**
[54] **TETE D'ABATTAGE-EBRANCHE POUR UNE ABATTEUSE-FACONNEUSE**
[72] SCHRATTENECKER, FRANZ, AT
[71] CNH BELGIUM N.V., BE
[71] BISO SCHRATTENECKER GMBH, AT
[85] 2013-06-05
[86] 2012-01-13 (PCT/EP2012/050519)
[87] (WO2012/098061)
[30] DE (10 2011 008 723.0) 2011-01-17

[21] **2,820,120**
[13] A1

[51] **Int.Cl. B60C 27/06 (2006.01)**
[25] EN
[54] **ANTI-SKIDDING CHAIN FOR AUTOMOBILE TIRE WITH TIGHTENING SIDE-CHAINS**
[54] **CHAINE ANTIDERAPANTE POUR PNEU DE VEHICULE DOTE DE CHAINES LATERALES DE SERRAGE**
[72] LI, HONGJUN, CN
[71] LI, HONGJUN, CN
[85] 2013-06-05
[86] 2012-09-21 (PCT/CN2012/081757)
[87] (WO2013/063989)
[30] CN (201120433145.2) 2011-11-04

[21] **2,820,122**
[13] A1

[51] **Int.Cl. B64D 33/02 (2006.01) F02C 7/04 (2006.01) F42B 10/32 (2006.01) F42B 15/10 (2006.01)**
[25] EN
[54] **AN AIR INTAKE SYSTEM FOR AN AIR VEHICLE**
[54] **SYSTEME D'ADMISSION D'AIR POUR UN VEHICULE PNEUMATIQUE**
[72] RICHARDS, CLIFFORD JOHN, GB
[71] MBDA UK LIMITED, GB
[85] 2013-06-05
[86] 2011-11-23 (PCT/EP2011/070752)
[87] (WO2012/072457)
[30] GB (1020410.5) 2010-12-01
[30] EP (11275081.5) 2011-05-12

[21] **2,820,124**
[13] A1

[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/4164 (2006.01) A61K 45/06 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **ARYLSULFONAMIDE DERIVATIVES FOR THE PREVENTION OR TREATMENT OF SPECIFIC OPHTHALMOLOGIC DISORDERS**
[54] **DERIVES D'ARYLSULFONAMIDE POUR PREVENIR OU TRAITER DES TROUBLES OPHTHALMOLOGIQUES SPECIFIQUES**
[72] BELICHARD, PIERRE, FR
[72] PRUNEAU, DIDIER, FR
[71] FOVEA PHARMACEUTICALS, FR
[85] 2013-06-05
[86] 2011-12-09 (PCT/EP2011/072306)
[87] (WO2012/076685)
[30] EP (10306381.4) 2010-12-09

[21] **2,820,125**
[13] A1

[51] **Int.Cl. G21C 3/326 (2006.01) G21C 3/328 (2006.01)**
[25] EN
[54] **NUCLEAR FUEL CONTAINING RECYCLED AND DEPLETED URANIUM, AND NUCLEAR FUEL BUNDLE AND NUCLEAR REACTOR COMPRISING SAME**
[54] **COMBUSTIBLE NUCLEAIRE CONTENANT DE L'URANIUM RECYCLE ET APPAUVRI, ET FAISCEAU DE COMBUSTIBLE NUCLEAIRE ET REACTEUR NUCLEAIRE COMPRENANT CELUI-CI**
[72] KURAN, SERMET, CA
[72] BOUBCHER, MUSTAPHA, CA
[72] COTTRELL, CATHY, CA
[72] ARAUJO, ERIC CARL ALEMENDRA, CA
[71] ATOMIC ENERGY OF CANADA LIMITED (AECL), CA
[85] 2013-05-13
[86] 2010-11-15 (PCT/IB2010/002914)
[87] (WO2012/066367)

[21] **2,820,126**
[13] A1

[51] **Int.Cl. F16L 7/00 (2006.01) H02G 11/00 (2006.01)**
[25] FR
[54] **DEVICE FOR GUIDING AND HOLDING A CABLE WITHIN A PIPE**
[54] **DISPOSITIF DE GUIDAGE ET DE MAINTIEN D'UN CABLE DANS UN CONDUIT**
[72] BLANPAIN, THIERRY, FR
[72] CHAUVET, DOMINIQUE, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[85] 2013-06-05
[86] 2011-12-15 (PCT/EP2011/072976)
[87] (WO2012/080426)
[30] FR (10 60665) 2010-12-16

[21] **2,820,127**
[13] A1

[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **TOOL FOR ANALYSING LIQUID DISCHARGE DATA IN AN ABSORBENT ARTICLE, AN ABSORBENT ARTICLE ADAPTED FOR LIQUID DISCHARGE DATA COLLECTION AND A CONTROL UNIT INTERACTING WITH THE ABSORBENT ARTICLE FOR COLLECTING THE LIQUID DISCHARGE DATA**
[54] **OUTIL POUR ANALYSER DES DONNEES DE FUITE DE LIQUIDE DANS UN ARTICLE ABSORBANT, ARTICLE ABSORBANT CONCU POUR LA COLLECTE DE DONNEES DE FUITE DE LIQUIDE ET UNITE DE COMMANDE EN INTERACTION AVEC L'ARTICLE ABSORBANT PERMETTANT DE COLLECTER DES DONNEES DE FUITE DE LIQUIDE**
[72] ELFSTROM, ALLAN, US
[72] BOSAEUS, MATTIAS, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2013-06-05
[86] 2011-12-20 (PCT/EP2011/073456)
[87] (WO2012/084987)
[30] GB (1022028.3) 2010-12-23

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[21] **2,820,128**
[13] A1

[51] **Int.Cl. H04W 40/00 (2009.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD OF TRAFFIC DETECTION**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE DETECTION DE TRAFIC**
[72] GOLDNER, ALLA, IL
[72] SHAHAR, ASAF, IL
[71] ALLOT COMMUNICATIONS LTD., IL
[85] 2013-06-05
[86] 2011-12-07 (PCT/IB2011/055530)
[87] (WO2012/077073)
[30] US (61/457,014) 2010-12-09

[21] **2,820,129**
[13] A1

[51] **Int.Cl. G01W 1/10 (2006.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **MEDIUM-LONG TERM METEOROLOGICAL FORECASTING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE PREVISION METEOROLOGIQUE A MOYEN ET LONG TERMES**
[72] GIORGETTI, MICHELA, IT
[72] GIUNTA, GIUSEPPE, IT
[72] SALERNO, RAFFAELE, IT
[72] VERNAZZA, ROBERTO, IT
[71] ENI S.P.A., IT
[85] 2013-06-05
[86] 2011-12-13 (PCT/IB2011/055632)
[87] (WO2012/080944)
[30] IT (MI2010A002303) 2010-12-15

[21] **2,820,131**
[13] A1

[51] **Int.Cl. C08J 5/24 (2006.01) B29B 11/16 (2006.01) B29B 15/12 (2006.01) D01F 9/14 (2006.01) D06M 15/55 (2006.01)**
[25] EN
[54] **CARBON FIBER PREPREG, METHOD FOR PRODUCING SAME AND CARBON FIBER REINFORCED COMPOSITE MATERIAL**
[54] **PREIMPREGNE DE FIBRES DE CARBONE, SON PROCEDE DE FABRICATION ET MATIERE COMPOSITE RENFORCEE PAR DES FIBRES DE CARBONE**
[72] OZEKI, YUKI, JP
[72] TAKAGISHI, HIROYUKI, JP
[72] KOJITANI, GO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2013-06-05
[86] 2011-12-01 (PCT/JP2011/077750)
[87] (WO2012/081407)
[30] JP (2010-276746) 2010-12-13
[30] JP (2011-038043) 2011-02-24

[21] **2,820,133**
[13] A1

[51] **Int.Cl. H04N 7/32 (2006.01) H04N 13/02 (2006.01)**
[25] EN
[54] **MULTIVIEW IMAGE ENCODING METHOD, MULTIVIEW IMAGE DECODING METHOD, MULTIVIEW IMAGE ENCODING DEVICE, MULTIVIEW IMAGE DECODING DEVICE, AND PROGRAMS OF SAME**
[54] **PROCEDE DE CODAGE D'IMAGE A VUES MULTIPLES, PROCEDE DE DECODAGE D'IMAGE A VUES MULTIPLES, DISPOSITIF DE CODAGE D'IMAGE A VUES MULTIPLES, DISPOSITIF DE DECODAGE D'IMAGE A VUES MULTIPLES, ET PROGRAMMES ASSOCIES**
[72] SHIMIZU, SHINYA, JP
[72] KIMATA, HIDEAKI, JP
[72] MATSUURA, NORIHIKO, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **ANTICORPS MONOCLONAL HUMAIN**
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[72] YOSHIMA, TADAHIKO, JP
[72] MATTSSON, MIKAEL, SE
[72] SARNEFALT, ANNA, SE
[72] HASEZAKI, TAKUYA, JP
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[54] **DERIVES DE DIARYLPYRIDAZINONES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE HUMAINE**
[72] DUPONT-PASSELAIGUE, ELISABETH, FR
[72] LE ROY, ISABELLE, FR
[72] MIALHE, SAMUEL, FR
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[54] **LIGNE D'ÉCHAPPEMENT AVEC DISPOSITIF D'INJECTION DE REACTIF GAZEUX**
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[71] FAURECIA SYSTEMES D'ÉCHAPPEMENT, FR
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[71] HONDA MOTOR CO., LTD., JP
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[72] CHAPPELL, COLIN GRAHAM, GB
[71] CAMBRIDGE BIOPOLYMERS LIMITED, GB
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[54] **PROCEDE POUR FORMER UNE STRUCTURE COMPOSITE COMPORTANT UN REBORD**
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[72] MORENGO, GIOVANNI ANTONIO, GB
[72] MACLEAN, DAVID JAMES, GB
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[54] **PROCEDE DE PRODUCTION D'UNE PROTEINE**
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[54] **MECANISMES DE PROGRAMMATION DE SESSIONS DE DONNEES SENSIBLES A LA CHARGE POUR DES RESEAUX D'ACCES NON FILAIRES/FILAIRES**
[72] RAYAVARAPU, VENKATA RATNAKAR RAO, GB
[72] STEER, DAVID, CA
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[54] **VALORISATION D'UN MATERIAU TITANIFERE**
[72] VAN VUUREN, DAVID STEYN, ZA
[72] SWANEPOEL, JACO JOHANNES, ZA
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[54] **COMPOSITION AND METHOD FOR IMPROVING STABILITY AND EXTENDING SHELF LIFE OF PROBIOTIC BACTERIA AND FOOD PRODUCTS THEREOF**
[54] **COMPOSITION ET METHODE PERMETTANT D'AMELIORER LA STABILITE ET DE PROLONGER LA DUREE DE CONSERVATION DE BACTERIES PROBIOTIQUES, ET PRODUITS ALIMENTAIRES CONTENANT LA COMPOSITION**
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[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] SATO, KAZUSHI, JP
[71] SONY CORPORATION, JP
[85] 2013-06-05
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[54] **PROCEDE ET SYSTEME POUR L'ENREGISTREMENT AUTOMATIQUE D'UN SUJET EN MOUVEMENT**
[72] GIACOMELLI, ALESSANDRO, IT
[72] BASCI, CARLO, IT
[72] PIERMATTEO, STEFANO, IT
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[71] ONTARIO 1762760 LTD, CA
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[54] **COFFRET DE SOINS D'HYGIENE BUCCALE ET DISTRIBUTEUR DESTINE A ETRE UTILISE AVEC CELUI-CI**
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[71] COLGATE-PALMOLIVE COMPANY, US
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[72] FALLAT, PETER J., II, US
[72] GREER, LESTER R., JR., US
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[72] SHORT, MARTIN C., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **SWIVEL WITH OR FOR HYDRANT MANIFOLD FOR INDUSTRIAL FIRE FIGHTING**
[54] **ROTULE EQUIPANT, OU POUR, COLLECTEUR DE BORNE A INCENDIE SERVANT A LA LUTTE CONTRE L'INCENDIE DANS LES ETABLISSEMENTS INDUSTRIELS**
[72] WILLIAMS, DWIGHT P., US
[72] SPEARS, CASEY R., US
[71] WILLFIRE HC, LLC, US
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[54] **MATERIAU D'ISOLATION ELECTRIQUE**
[72] TURPIN, ROBERT H., US
[72] STANKES, DAVID S., US
[72] FOX, MARTIN H., US
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[25] EN
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[54] **DISPOSITIF DE TRAITEMENT DE SIGNAL, PROCEDE ET PROGRAMME**
[72] HATANAKA, MITSUYUKI, JP
[72] CHINEN, TORU, JP
[71] SONY CORPORATION, JP
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[54] **COMPOSITION AND METHOD TO FLAVOR ORAL CARE COMPOSITIONS CONTAINING A CHLORINE DIOXIDE SOURCE**
[54] **COMPOSITION ET PROCEDE POUR AROMATISER DES COMPOSITIONS DE SOIN BUCCAL CONTENANT UNE SOURCE DE DIOXYDE DE CHLORE**
[72] RATCLIFF, JAMES L., US
[72] BLACK, KAREN, US
[72] COOLEY, WILLIAM E., US
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[54] **COMPOSITION DE RESINE ACIDE POLYLACTIQUE ET FILM D'EMBALLAGE**
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[54] **METHOD OF REVERSING IMMUNE SUPPRESSION OF LANGERHANS CELLS**
[54] **METHODE D'INVERSION DE LA SUPPRESSION IMMUNITAIRE DES CELLULES DE LANGERHANS**
[72] EGAN, JAMES, US
[72] KAST, MARTIN, US
[72] DA SILVA, DIANE, US
[72] BRANDWEIN, HARVEY, US
[71] IRX THERAPEUTICS, INC., US
[71] EGAN, JAMES, US
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[54] **HANDHELD EMG STIMULATOR DEVICE WITH ADJUSTABLE SHAFT LENGTH**
[54] **DISPOSITIF PORTATIF STIMULATEUR D'ELECTROMYOGRAMME A LONGUEUR D'ARBRE AJUSTABLE**
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[71] NEURAL PATHWAYS, LLC, US
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[54] **BRASSARD DE TENSIOMETRE**
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[54] **SYSTEMS AND METHODS FOR PRIORITIZATION OF DATA FOR INTELLIGENT DISCARD IN A COMMUNICATION NETWORK**
[54] **SYSTEMES ET PROCESSES DE HIERARCHISATION DE DONNEES POUR ELIMINATION INTELLIGENTE DANS RESEAU DE COMMUNICATION**
[72] STANWOOD, KENNETH, US
[72] GELL, DAVID, US
[71] CYGNUS BROADBAND, INC., US
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[54] **CIBLER LA PUBLICITE SOCIALE VERS LES AMIS D'UTILISATEURS QUI ONT INTERAGI AVEC UN OBJET ASSOCIE A LA PUBLICITE**
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[72] WU, GANG, US
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[72] FREDERICK, NEIL ADAM, US
[72] FREDERICK, ERIC ALAN, US
[72] JAE CHUNG, JIMMY YOUNG, US
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[54] **COMMANDES INTEGREES OPTIMISEES POUR CENTRALE DE COMBUSTION OXYGAZ**
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[71] ALSTOM TECHNOLOGY LTD, CH
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[25] EN
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[54] **CONSTRUCTION DE COUSSIN MAMMAIRE AVEC DISSIMULATION AMELIOREE DU MAMELON**
[72] LIU, ZHEN QIANG, CN
[71] VICTORIA'S SECRET STORES BRAND MANAGEMENT, INC., US
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[54] **INSERTS ET SUPPORTS POUR RESSORTS DE MATELAS**
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[72] MANUSZAK, BRIAN M., US
[72] BEAMON, JAMES A., US
[71] SEALY TECHNOLOGY LLC, US
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[86] 2011-11-29 (PCT/US2011/062329)
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[30] US (13/005,723) 2011-01-13
[30] US (12/960,735) 2010-12-06

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[25] EN
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[54] **JOINT DE LIBERATION DE FOND DOTE D'UN ELEMENT RADIALEMENT EXTENSIBLE**
[72] BENNETT, FREDERICK C., US
[72] CHOWDHARY, HARSH V., US
[72] WHIDDON, RICHARD M., US
[72] BUTTERFIELD, CHARLES A., US
[71] ENVENTURE GLOBAL TECHNOLOGY, LLC, US
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[86] 2011-11-30 (PCT/US2011/062592)
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[54] **JOINT DE LIBERATION DE FOND DOTE D'UN ELEMENT RADIALEMENT EXTENSIBLE**
[72] WHIDDON, RICHARD M., US
[72] BENNETT, FREDERICK C., US
[72] BUTTERFIELD, CHARLES A., US
[72] CHOWDHARY, HARSH V., US
[71] ENVENTURE GLOBAL TECHNOLOGY, LLC, US
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[87] (WO2012/078502)
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[30] US (61/505,896) 2011-07-08

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[25] EN
[54] **METHODS FOR IMPROVED ACTIVE RANGING AND TARGET WELL MAGNETIZATION**
[54] **PROCEDES DE TELEMETRIE ACTIVE AMELIOREE ET DE MAGNETISATION DE Puits CIBLE**
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[72] MOORE, ROBERT ANTHONY, US
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[87] (WO2012/078510)
[30] US (12/962,058) 2010-12-07

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[13] A1

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[54] **ULTRAVIOLET MONITORING SYSTEMS, METHODS, AND DEVICES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE SURVEILLANCE D'ULTRAVIOLETS**
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[72] RACZEWSKI, CHESTER, CA
[71] OY HALTON GROUP LTD., FI
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[51] **Int.Cl. A61K 31/7042 (2006.01) A61K 9/127 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DOSAGE AND ADMINISTRATION FOR PREVENTING CARDIOTOXICITY IN TREATMENT WITH ERBB2-TARGETED IMMUNOLIPOSOMES COMPRISING ANTHRACYCLINE CHEMOTHERAPEUTIC AGENTS**
[54] **DETERMINATION DE LA DOSE ET ADMINISTRATION POUR LA PREVENTION DE LA CARDIOTOXICITE DANS LE TRAITEMENT PAR IMMUNOLIPOSOMES CIBLANT ERBB2 COMPRENANT DES AGENTS CHIMIOTHERAPEUTIQUES A BASE D'ANTHRACYCLINE**
[72] REYNOLDS, JOSEPH G., US
[72] OLIVIER, KENNETH J., US
[72] HENDRIKS, BART S., US
[72] WICKHAM, THOMAS, US
[72] KLINZ, STEPHAN, US
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[51] **Int.Cl. G01F 9/02 (2006.01)**
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[54] **SYSTEM AND METHOD FOR MEASURING AND REDUCING VEHICLE FUEL WASTE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MESURER ET DE REDUIRE LE GASPILLAGE DE CARBURANT D'UN VEHICULE**
[72] CHAUNCEY, DAVID CHARLES, US
[72] MCCARTHY, EDWARD CHARLES, US
[72] ROTH, PETER JOSEPH, US
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[54] **CONTROL METHOD FOR DETERMINING CURE STATUS OF GLASS FIBER PRODUCTS**
[54] **PROCEDE DE CONTROLE DETERMINANT LE STATUT DE CUISSON DE PRODUITS EN FIBRE DE VERRE**
[72] HAWKINS, CHRISTOPHER M., US
[72] MILLER, DONALD R., US
[72] CSEH, RONALD, US
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[54] **ACTIVE MATRIX DILUTE SOURCE ENABLED VERTICAL ORGANIC LIGHT EMITTING TRANSISTOR**
[54] **TRANSISTOR ELECTROLUMINESCENT ORGANIQUE VERTICAL ACTIVE PAR SOURCE DILUEE A MATRICE ACTIVE**
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[72] MCCARTHY, MITCHELL AUSTIN, US
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[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **BICYCLIC PYRAZOLE COMPOUNDS AS ALLOSTERIC MODULATORS OF MGLUR5 RECEPTORS**
[54] **UTILISATION DE COMPOSES BICYCLIQUES DE PYRAZOLE EN TANT QUE MODULATEURS ALLOSTERIQUES DES RECEPTEURS MGLUR5**
[72] CONN, P. JEFFREY, US
[72] LINDSLEY, CRAIG W., US
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[54] **PROCESS FOR TREATING A HYDROCARBON-CONTAINING FEED**
[54] **PROCEDE POUR TRAITER UNE MATIERE PREMIERE CONTENANT DES HYDROCARBURES**
[72] MILAM, STANLEY NEMEC, US
[72] REYNOLDS, MICHAEL ANTHONY, US
[72] WELLINGTON, SCOTT LEE, US
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[13] A1

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[25] EN
[54] **HYDROCRACKING OF A HEAVY HYDROCARBON FEEDSTOCK USING A COPPER MOLYBDENUM SULFIDED CATALYST**
[54] **HYDROCRAQUAGE D'UNE CHARGES D'HYDROCARBURES LOURDS UTILISANT UN CATALYSEUR SULFURE CUIVRE MOLYBDENE**
[72] MILAM, STANLEY NEMEC, US
[72] REYNOLDS, MICHAEL ANTHONY, US
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[54] **STRUCTURES DE TRAITEMENT DES GRAINES, PROCÉDES ET APPAREIL ASSOCIÉS**

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[72] VAN DER WESTHUIZEN, JACO ERNEST, US

[72] GEISS, ALAN W., US

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[54] **GRAPHICALLY REPRESENTING ASSOCIATIONS BETWEEN REFERENTS AND STORIES**

[54] **REPRESENTATIONS GRAPHIQUES D'ASSOCIATIONS ENTRE DES REFERENTS ET DES SCENARIOS**

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[25] EN

[54] **CATALYST BED PLATFORM WITH CENTER SUPPORT PIPE**

[54] **PLATE-FORME DE LIT DE CATALYSEUR AVEC TUYAU DE SUPPORT CENTRAL**

[72] RAMOS, ANTONIO O., US

[72] UMANSKY, BENAJMIN SANTIAGO, US

[72] TRACY, WILLIAM JOSEPH, US

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[30] US (13/325,148) 2011-12-14

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[54] **WIND TURBINE GENERATOR**

[54] **GENERATRICE D'EOLIENNE**

[72] GRIGG, CHARLES, US

[71] GRIGG, CHARLES, US

[85] 2013-06-05

[86] 2011-12-09 (PCT/US2011/064047)

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[54] **IMPLANTABLE DEVICES COATED WITH INSULIN-MIMETIC AGENT COMPOSITES AND METHODS THEREOF**

[54] **DISPOSITIFS IMPLANTABLES REVETUS DE COMPOSITES D'AGENT MIMETIQUE DE L'INSULINE, ET PROCÉDES ASSOCIÉS**

[72] LIN, SHELDON SUTON, US

[72] PAGLIA, DAVID NAISBY, US

[72] O'CONNOR, JOHN PATRICK, US

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[51] **Int.Cl. B21B 45/02 (2006.01) B21B 13/14 (2006.01) B21B 27/10 (2006.01) B21B 39/14 (2006.01) B21B 39/16 (2006.01)**

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[54] **COOLING SYSTEM FOR HOT-ROLLED STEEL STRIP**

[54] **DISPOSITIF DE REFROIDISSEMENT DE BANDE D'ACIER LAMINE A CHAUD**

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[72] IKEMOTO, YUJI, JP

[72] HARAGUCHI, YOICHI, JP

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[25] EN
[54] **INOCULANTS INCLUDING BACILLUS BACTERIA FOR INDUCING PRODUCTION OF VOLATILE ORGANIC COMPOUNDS IN PLANTS**
[54] **AGENTS D'INOCULATION INCLUANT DES BACTERIES BACILLUS POUR L'INDUCTION DE LA PRODUCTION DE COMPOSES ORGANIQUES VOLATILS CHEZ LES VEGETAUX**
[72] KLOEPPER, JOSEPH W., US
[72] FADAMIRO, HENRY Y., US
[72] NGUMBI, ESTHER N., KE
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[13] A1

[51] **Int.Cl. H02G 3/08 (2006.01) H01H 13/02 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **ACTUATING MULTIPLE FEATURES OF A DEVICE LOCATED IN AN EXPLOSION-PROOF ENCLOSURE**
[54] **COMMANDE DE MULTIPLES ELEMENTS D'UN DISPOSITIF SITUE DANS UNE ENCEINTE ANTIDÉFLAGRANTE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[71] COOPER TECHNOLOGIES COMPANY, US
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[30] US (61/426,429) 2010-12-22

[21] **2,820,306**
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01) H02G 3/08 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **PRE-FILTRATION AND MAINTENANCE SENSING FOR EXPLOSION-PROOF ENCLOSURES**
[54] **PRE-FILTRATION ET DETECTION DE MAINTENANCE POUR ENCEINTE ANTIDÉFLAGRANTE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[71] COOPER TECHNOLOGIES COMPANY, US
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[87] (WO2012/088183)
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[13] A1

[51] **Int.Cl. G06F 9/00 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR PROTECTING AGAINST DENIAL OF SERVICE ATTACKS NEAR THE SOURCE**
[54] **TECHNIQUES DE PROTECTION CONTRE LES ATTAQUES PAR DENI DE SERVICE PROCHES D'UNE SOURCE**
[72] DICKINSON, ANDREW B., US
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[71] AMAZON TECHNOLOGIES, INC., US
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[87] (WO2012/091992)
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[13] A1

[51] **Int.Cl. F15D 1/00 (2006.01)**
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[54] **PIPING INTERNALS TO CONTROL GAS-LIQUID FLOW SPLIT**
[54] **PIECES INTERNES DE TUYAUTERIE POUR REGULER LA SEPARATION D'UN ECOULEMENT GAZ-LIQUIDE**
[72] VANNAUKER, DAVID LEE, US
[72] SURYO, RONALD, US
[72] SKOULIDAS, ANASTASIOS I., US
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[30] US (61/423,734) 2010-12-16
[30] US (13/325,194) 2011-12-14

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[51] **Int.Cl. H02B 1/28 (2006.01) H01H 71/00 (2006.01) H02B 1/38 (2006.01)**
[25] EN
[54] **SELF-ALIGNING ACTUATOR FOR DOOR-OPERATED SWITCH**
[54] **ACTIONNEUR A AUTO-ALIGNEMENT POUR COMMUTATEUR COMMANDE PAR UNE PORTE**
[72] MANAHAN, JOSEPH MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[86] 2011-12-20 (PCT/US2011/066290)
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[13] A1

[51] **Int.Cl. H04N 13/02 (2006.01) G03B 35/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR DISPARITY ADJUSTMENT DURING STEREO SCOPIC ZOOM**

[54] **PROCEDE ET SYSTEME POUR L'AJUSTEMENT D'UNE DISPARITE AU COURS D'UN ZOOM STEREO SCOPIQUE**

[72] KRISMAN, JOHN ALAN, US

[71] MATTEL, INC., US

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[51] **Int.Cl. C07D 311/94 (2006.01) G03C 1/73 (2006.01)**

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[54] **PHOTOCHROMIC COMPOUNDS AND COMPOSITIONS**

[54] **COMPOSES ET COMPOSITIONS PHOTOCHROMES**

[72] HE, MENG, US

[72] DABIDEEN, DARRIN R., US

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[30] US (13/325,285) 2011-12-14

[21] **2,820,329**
[13] A1

[51] **Int.Cl. B32B 7/12 (2006.01) B32B 15/08 (2006.01) B32B 27/34 (2006.01) B32B 27/38 (2006.01) B32B 37/02 (2006.01) B32B 37/06 (2006.01) B32B 37/12 (2006.01) B32B 37/26 (2006.01) B32B 38/00 (2006.01) B32B 38/16 (2006.01)**

[25] EN

[54] **METHOD OF PROMOTING ADHESION AND BONDING OF STRUCTURES AND STRUCTURES PRODUCED THEREBY**

[54] **PROCEDE FAVORISANT L'ADHESION ET LA LIAISON DE STRUCTURES ET STRUCTURES AINSI PRODUITES**

[72] DAN-JUMBO, EUGENE A., US

[72] BALDWIN, JOEL P., US

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[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**

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[54] **GESTION D'UN ENVIRONNEMENT IMMERSIF**

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[72] SATTERFIELD, JESSE CLAY, US

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[21] **2,820,341**
[13] A1

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

[25] EN

[54] **GENERATION OF MODEL-OF-COMPOSITION OF PETROLEUM BY HIGH RESOLUTION MASS SPECTROMETRY AND ASSOCIATED ANALYTICS**

[54] **GENERATION DE MODELE DE COMPOSITION DE PETROLE PAR SPECTROMETRIE DE MASSE A HAUTE RESOLUTION ET PROCEDES ANALYTIQUES ASSOCIES**

[72] QIAN, KUANGNAN, US

[72] EDWARDS, KATHLEEN E., US

[72] MENNITO, ANTHONY S., US

[72] SAEGER, ROLAND B., US

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[30] US (61/423,797) 2010-12-16

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[21] **2,820,344**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 49/00 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **METHOD TO CHARACTERIZE UNDERGROUND FORMATION**
[54] **PROCEDE PERMETTANT DE CARACTERISER UNE FORMATION SOUTERRAINE**
[72] HINKEL, JERALD J., US
[72] WILLBERG, DEAN, US
[72] PAGELS, MARKUS, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-06-05
[86] 2011-12-16 (PCT/US2011/065413)
[87] (WO2012/087797)
[30] US (12/974,229) 2010-12-21

[21] **2,820,351**
[13] A1

[51] **Int.Cl. H04S 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DECOMPOSING AN INPUT SIGNAL USING A PRE-CALCULATED REFERENCE CURVE**
[54] **APPAREIL ET PROCEDE POUR DECOMPOSER UN SIGNAL D'ENTREE A L'AIDE D'UNE COURBE DE REFERENCE PRECALCULEE**
[72] WALTHER, ANDREAS, CH
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-06-06
[86] 2011-11-22 (PCT/EP2011/070700)
[87] (WO2012/076331)
[30] US (61/421,927) 2010-12-10
[30] EP (11165746.6) 2011-05-11

[21] **2,820,352**
[13] A1

[51] **Int.Cl. B29C 45/74 (2006.01)**
[25] EN
[54] **MOLD-TOOL SYSTEM INCLUDING BODY HAVING A VARIABLE HEAT TRANSFER PROPERTY**
[54] **SYSTEME MOULE-OUTIL COMPORTANT UN CORPS PRESENTANT UNE CAPACITE DE TRANSFERT DE CHALEUR VARIABLE**
[72] JENKO, EDWARD JOSEPH, US
[72] HALL, DOUGLAS OLIVER, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD, CA
[85] 2013-06-05
[86] 2012-01-06 (PCT/US2012/020397)
[87] (WO2012/096831)
[30] US (61/431,880) 2011-01-12

[21] **2,820,353**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) H04W 88/02 (2009.01) G06F 3/048 (2013.01) G06F 15/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ASSOCIATING AND MAINTAINING A PLURALITY OF CONTACTS STORED IN A PERSONAL INFORMATION MANAGER APPLICATION OF A PORTABLE ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE D'ASSOCIATION ET DE CONSERVATION D'UNE PLURALITE DE CONTACTS STOCKES DANS UNE APPLICATION DE GESTIONNAIRE D'INFORMATIONS PERSONNELLES D'UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] LOGAN, ADRIAN, CA
[72] GARG, NEERAJ, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-06-05
[86] 2011-01-21 (PCT/CA2011/050035)
[87] (WO2012/097432)

[21] **2,820,354**
[13] A1

[51] **Int.Cl. A23D 9/05 (2006.01) A23D 7/00 (2006.01) A23D 9/02 (2006.01)**
[25] EN
[54] **PROCESS OF COMPACTING A MICROPOROUS FAT POWDER AND COMPACTED FAT POWDER SO OBTAINED**
[54] **PROCESSUS DE COMPACTAGE D'UNE POUDRE DE GRAISSE MICROPOREUSE ET POUDRE DE GRAISSE COMPACTEE AINSI OBTENUE**
[72] BUTER, RENE JOACHIM, NL
[72] KORRES, ALBERT, NL
[72] DE MAN, TEUNIS, NL
[71] UNILEVER PLC, GB
[85] 2013-06-06
[86] 2011-11-24 (PCT/EP2011/070933)
[87] (WO2012/079955)
[30] EP (10195655.5) 2010-12-17

[21] **2,820,355**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR THE ISOLATION, ACCUMULATION, CHARACTERIZATION AND/OR IDENTIFICATION OF MICROORGANISMS USING A FILTRATION AND SAMPLE TRANSFER DEVICE**
[54] **PROCEDES D'ISOLEMENT, ACCUMULATION, CARACTERISATION ET/OU IDENTIFICATION DE MICROORGANISMES A L'AIDE DE DISPOSITIF DE FILTRATION ET DE TRANSFERT D'ECHANTILLON**
[72] WALSH, JOHN, US
[72] HYMAN, JONES, US
[72] RONSICK, CHRISTOPHER S., US
[71] BIOMERIEUX, INC., US
[85] 2013-06-05
[86] 2011-12-16 (PCT/US2011/065449)
[87] (WO2012/083150)
[30] US (61/424,418) 2010-12-17

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[21] **2,820,356**
[13] A1

[51] **Int.Cl. A01N 33/02 (2006.01) A01N 33/12 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **DURABLE ANTIMICROBIAL COMPOSITION INCLUDING A SURFACTANT**
[54] **COMPOSITION ANTIMICROBIENNE DURABLE COMPRENANT UN TENSIOACTIF**
[72] KOENIG, DAVID WILLIAM, US
[72] PAULSEN, JEREMY DAVID, US
[72] CUNNINGHAM, COREY THOMAS, US
[72] VONGSA, REBECCA ANN, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2013-06-05
[86] 2011-12-07 (PCT/IB2011/055527)
[87] (WO2012/090101)
[30] US (12/982,058) 2010-12-30
[30] US (13/269,922) 2011-10-10

[21] **2,820,359**
[13] A1

[51] **Int.Cl. C08L 23/12 (2006.01)**
[25] EN
[54] **PROPYLENE-BASED COMPOSITIONS OF ENHANCED APPEARANCE AND EXCELLENT MOLD FLOWABILITY**
[54] **COMPOSITIONS A BASE DE PROPYLENE D'ASPECT AMELIORE ET D'EXCELLENTE APTITUDE A L'ECOULEMENT DANS UN MOULE**
[72] DOUFAS, ANTONIOS K., US
[72] CATALINA, EDWARD, US
[72] THURSTON, WILLIAM C., US
[72] MAJEWSKI, RITA, US
[71] BRASKEM AMERICA, INC., US
[85] 2013-06-05
[86] 2011-12-16 (PCT/US2011/065555)
[87] (WO2012/087832)
[30] US (61/424,762) 2010-12-20

[21] **2,820,360**
[13] A1

[51] **Int.Cl. A23D 7/00 (2006.01)**
[25] EN
[54] **EDIBLE WATER IN OIL EMULSION**
[54] **EMULSION D'EAU DANS L'HUILE COMESTIBLE**
[72] DE MAN, TEUNIS, NL
[71] UNILEVER PLC, GB
[85] 2013-06-06
[86] 2011-11-24 (PCT/EP2011/070948)
[87] (WO2012/079957)
[30] EP (10195564.9) 2010-12-17

[21] **2,820,362**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLOPYRIMIDINES AS GLUCOCEREBROSIDASE ACTIVATORS**
[54] **UTILISATION DES PYRAZOLOPYRIMIDINES SUBSTITUEES COMME ACTIVATEURS DE GLUCOCEREBROSIDASE**
[72] MARUGAN, JUAN JOSE, US
[72] SOUTHALL, NOEL, US
[72] GOLDIN, EHUD, US
[72] PATNAIK, SAMARJIT, US
[72] SIDRANSKY, ELLEN, US
[72] MOTABAR, OMID, US
[72] WESTBROOK, WENDY, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2013-06-05
[86] 2011-12-08 (PCT/US2011/063928)
[87] (WO2012/078855)
[30] US (61/420,946) 2010-12-08

[21] **2,820,363**
[13] A1

[51] **Int.Cl. C07C 227/40 (2006.01) C07B 59/00 (2006.01) C07C 229/48 (2006.01) C07C 269/08 (2006.01) C07C 271/24 (2006.01) C07C 309/65 (2006.01)**
[25] EN
[54] **PREPARATION OF PET PRECURSOR**
[54] **SYNTHESE D'UN PRECURSEUR POUR TEP**
[72] BERG, TOM CHRISTIAN, NO
[72] NILSEN, ANNE, NO
[71] GE HEALTHCARE LIMITED, GB
[85] 2013-06-06
[86] 2011-11-28 (PCT/EP2011/071145)
[87] (WO2012/072567)
[30] US (61/417,490) 2010-11-29

[21] **2,820,366**
[13] A1

[51] **Int.Cl. A61L 12/06 (2006.01) A61L 12/10 (2006.01)**
[25] EN
[54] **PROGRAMMABLE OPHTHALMIC LENS DISINFECTING BASE UNIT**
[54] **UNITE DE BASE DESINFECTANTE DE LENTILLES OPHTALMIQUES PROGRAMMABLE**
[72] PUGH, RANDALL B., US
[72] KERNICK, EDWARD R., US
[72] NEELEY, WILLIAM CHESTER, US
[72] ABOUHALKAH, DWIGHT, US
[72] RIALI, JAMES DANIEL, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2013-06-05
[86] 2011-12-07 (PCT/US2011/063721)
[87] (WO2012/078744)
[30] US (61/420,955) 2010-12-08
[30] US (13/312,167) 2011-12-06

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[13] A1

[51] **Int.Cl. G11B 5/49 (2006.01) G06K 7/08 (2006.01)**
[25] FR
[54] **DISPOSITIF DE MAINTIEN D'UNE TETE DE LECTURE MAGNETIQUE**
[54] **DEVICE FOR HOLDING A MAGNETIC READING HEAD**
[72] BARNERON, SYLVAIN, FR
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR
[85] 2013-06-06
[86] 2011-12-07 (PCT/EP2011/072006)
[72] (WO2012/076572)
[30] FR (1060208) 2010-12-07
[30] FR (1060204) 2010-12-07

[21] **2,820,370**
[13] A1

[51] **Int.Cl. A23F 3/14 (2006.01) A23F 3/16 (2006.01) A23F 3/30 (2006.01)**
[25] EN
[54] **FOAMING TEA COMPOSITIONS**
[54] **COMPOSITIONS DE THE MOUSSEUX**
[72] SAHAI, DEEPAK, US
[71] NESTEC S.A., CH
[85] 2013-06-06
[86] 2011-12-07 (PCT/EP2011/072071)
[87] (WO2012/076599)
[30] US (61/420,680) 2010-12-07

[21] **2,820,372**
[13] A1

[51] **Int.Cl. C01B 17/027 (2006.01) B01D 53/52 (2006.01) B01D 53/86 (2006.01)**
[25] EN
[54] **A REACTOR, A RETAINED CATALYST STRUCTURE, AND A METHOD FOR IMPROVING DECOMPOSITION OF POLYSULFIDES AND REMOVAL OF HYDROGEN SULFIDE IN LIQUID SULFUR**
[54] **DECOMPOSITION DE POLYSULFURES ET ELIMINATION DU SULFURE D'HYDROGENE**
[72] PAREKH, UDAY NAVIN, US
[72] FENDERSON, STEPHEN NEAL, US
[72] GARG, DIWAKAR, US
[72] NASATO, GUGLIEIMO, CA
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2013-06-05
[86] 2011-12-06 (PCT/US2011/063580)
[87] (WO2012/078663)
[30] US (12/962,712) 2010-12-08

[21] **2,820,373**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) B25J 17/00 (2006.01)**
[25] EN
[54] **POSITIONING APPARATUS FOR BIOMEDICAL USE**
[54] **APPAREIL DE POSITIONNEMENT POUR UTILISATION BIOMEDICALE**
[72] CHAUVETTE, GUILLAUME, CA
[72] SEVIGNY, CHARLES, CA
[71] SOCPRA SCIENCES ET GENIE S.E.C., CA
[85] 2013-06-06
[86] 2011-12-06 (PCT/CA2011/001347)
[87] (WO2012/075571)
[30] US (61/420,468) 2010-12-07

[21] **2,820,374**
[13] A1

[51] **Int.Cl. A23F 3/14 (2006.01) A23F 3/16 (2006.01) A23F 5/24 (2006.01) A23F 5/36 (2006.01) A23F 5/40 (2006.01) A23F 5/44 (2006.01) A23G 1/50 (2006.01) A23L 1/10 (2006.01) A23L 1/105 (2006.01) A23L 1/19 (2006.01) A23L 1/212 (2006.01) A23L 1/40 (2006.01) A23L 2/395 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **INSTANT DRINK POWDERS COMPRISING HYDROLYZED WHOLE GRAIN**
[54] **POUDRES POUR BOISSON INSTANTANEE COMPRENANT DES CEREALES COMPLETES HYDROLYSEES**
[72] SCHAFFER-LEQUART, CHRISTELLE, CH
[72] ROGER, OLIVIER YVES, CH
[72] WAVREILLE, ANNE-SOPHIE, CH
[72] WEINGAND-ZIADE, ALEXANDRA, FR
[72] MARJANOVIC, NICOLAS, CH
[72] TE BIESEBEKE, ROB, CH
[71] NESTEC S.A., CH
[85] 2013-06-06
[86] 2011-12-07 (PCT/EP2011/072076)
[87] (WO2012/076601)
[30] EP (10194212.6) 2010-12-08

[21] **2,820,376**
[13] A1

[51] **Int.Cl. H04S 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DECOMPOSING AN INPUT SIGNAL USING A DOWNMIXER**
[54] **APPAREIL ET PROCEDE POUR DECOMPOSER UN SIGNAL D'ENTREE AU MOYEN D'UN MELANGEUR-ABAISEUR**
[72] WALTHER, ANDREAS, CH
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-06-05
[86] 2011-11-22 (PCT/EP2011/070702)
[87] (WO2012/076332)
[30] US (61/421,927) 2010-12-10
[30] EP (11165742.5) 2011-05-11

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[21] **2,820,377**
[13] A1

[51] **Int.Cl. B60C 23/04 (2006.01) G01L 17/00 (2006.01)**
[25] EN
[54] **EXTERNAL TIRE PRESSURE SENSING DEVICE AND SEALABLE VENTING MEMBER**
[54] **DISPOSITIF EXTERNE DE DETECTION DE LA PRESSION DE GONFLAGE DE PNEU ET PIECE ETANCHE DE COMMUNICATION D'AIR Y APPARTENANT**
[72] LI, ZHITAO, CN
[71] LI, ZHITAO, CN
[85] 2013-06-05
[86] 2011-11-16 (PCT/CN2011/082250)
[87] (WO2013/037165)
[30] CN (201110269787.8) 2011-09-13

[21] **2,820,378**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01) H04L 29/12 (2006.01)**
[25] EN
[54] **SECURE TUNNELING PLATFORM SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR UNE PLATE-FORME DE TUNNELISATION SECURISEE**
[72] WISEMAN-DIAMOND, MARTIN VARSAVSKY, ES
[72] BECARES FERNANDEZ, GONZALO JULIAN, ES
[72] ARGINZONIZ CEBREIRO, XABIER IURGI, ES
[72] MUNOZ CASTRO, JUAN MANUEL, ES
[72] MEDRANO, PABLO MARTIN, ES
[71] FON TECHNOLOGY, ES
[85] 2013-06-05
[86] 2011-12-30 (PCT/EP2011/074318)
[87] (WO2012/089836)
[30] US (61/428,620) 2010-12-30
[30] US (61/559,460) 2011-11-14
[30] US (13/339,807) 2011-12-29

[21] **2,820,380**
[13] A1

[51] **Int.Cl. H04M 1/725 (2006.01) G06Q 20/00 (2012.01) G07F 7/10 (2006.01)**
[25] EN
[54] **ELECTRONIC PAYMENT DEVICE ABLE TO RECEIVE AND HOLD A PORTABLE TELEPHONE**
[54] **DISPOSITIF DE PAIEMENT ELECTRONIQUE APTE A RECEVOIR ET MAINTENIR UN TELEPHONE PORTABLE**
[72] LACROIX, PIERRE, FR
[72] FLEURY, FABRICE, FR
[72] BARNERON, SYLVAIN, FR
[72] YERNAUX, OLIVIER, FR
[72] BONNET, ERIC, FR
[72] GEORGES, DIDIER, FR
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR
[85] 2013-06-05
[86] 2011-12-07 (PCT/EP2011/072007)
[87] (WO2012/076573)
[30] FR (1060204) 2010-12-07

[21] **2,820,381**
[13] A1

[51] **Int.Cl. B62D 25/10 (2006.01) B60J 5/04 (2006.01) F16B 5/02 (2006.01) F16B 29/00 (2006.01)**
[25] EN
[54] **DEVICE FOR FASTENING DOOR OR FLAP HINGES OR OTHER ELEMENTS TO THE DOORS OR FLAPS OR TO THE BODYWORK OF MOTOR VEHICLES**
[54] **DISPOSITIF POUR FIXER DES CHARNIERES DE PORTE OU DE CLAPET OU D'AUTRES ELEMENTS SUR DES PORTES OU DES CLAPETS OU SUR LA CARROSSERIE DE VEHICULES AUTOMOBILES**
[72] SCHRAER, THORSTEN, DE
[71] RUIA GLOBAL FASTENERS AG, DE
[85] 2013-06-06
[86] 2011-12-09 (PCT/DE2011/050056)
[87] (WO2012/076006)
[30] DE (20 2010 016 444.3) 2010-12-10

[21] **2,820,382**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTITUMOR COMBINATIONS CONTAINING ANTIBODIES RECOGNIZING SPECIFICALLY CD38 AND BORTEZOMIB**
[54] **COMBINAISONS ANTITUMORALES CONTENANT DES ANTICORPS RECONNAISSANT SPECIFIQUEMENT LE CD38 ET DU BORTEZOMIB**
[72] DECKERT, JUTTA, US
[72] LEJEUNE, PASCALE, FR
[72] MAYO, MICHELE F., US
[72] PARK, PETER U., US
[71] SANOFI, FR
[85] 2013-06-06
[86] 2011-12-08 (PCT/EP2011/072228)
[87] (WO2012/076663)
[30] EP (10306395.4) 2010-12-10

[21] **2,820,384**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/19 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **METHODS OF METABOLIC TARGETING CANCER CELLS USING CHEMO- AND IMMUNOTHERAPY FOR TREATING CANCER**
[54] **PROCEDES DE CIBLAGE METABOLIQUE DE CELLULES CANCEREUSES UTILISANT LA CHIMIOTHERAPIE ET L'IMMUNOTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] TSANG, TOM C., CN
[72] MEADE-TOLLIN, LINDA, US
[72] PENNINGTON, MICHAEL E., US
[71] CURE CANCER WORLDWIDE CORPORATION, US
[85] 2013-06-06
[86] 2011-12-06 (PCT/CN2011/002035)
[87] (WO2012/075679)
[30] US (61/420,208) 2010-12-06

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[21] **2,820,385**
[13] A1

[51] **Int.Cl. H02G 3/06 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **DEVICE FOR FIXING A CABLE TO A CABLE OUTLET SOCKET**
[54] **DISPOSITIF POUR FIXER UN CABLE SUR UN RACCORD DE DEPART DE CABLE**
[72] SPILKER, NICOLE, DE
[72] SCHLEGEL, BERNARD, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2013-06-06
[86] 2011-08-31 (PCT/DE2011/075205)
[87] (WO2012/079571)
[30] DE (10 2010 061 067.4) 2010-12-07

[21] **2,820,387**
[13] A1

[51] **Int.Cl. A61K 51/08 (2006.01) C07B 63/00 (2006.01)**
[25] EN
[54] **RADIOTRACER COMPOSITIONS**
[54] **COMPOSITIONS DE TRACEUR RADIOACTIF**
[72] ENGELL, TORGRIM, NO
[72] GRIGG, JULIAN, GB
[72] MANTZILAS, DIMITRIOS, NO
[71] GE HEALTHCARE LIMITED, GB
[85] 2013-06-06
[86] 2011-12-09 (PCT/EP2011/072352)
[87] (WO2012/076697)
[30] US (61/421,390) 2010-12-09

[21] **2,820,389**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **[1,2,4]TRIAZOLO[4,3-B][1,2,4]TRIAZINE COMPOUND, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE DE [1,2,4]TRIAZOLO[4,3-B][1,2,4]TRIAZINE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] DUAN, WENHU, CN
[72] GENG, MEIYU, CN
[72] CHEN, FANG, CN
[72] AI, JING, CN
[72] CHEN, YI, CN
[72] ZHAN, ZHENGSHENG, CN
[72] LV, YONGCONG, CN
[72] WANG, YING, CN
[72] DING, JIAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2013-06-06
[86] 2011-12-08 (PCT/CN2011/002052)
[87] (WO2012/075683)
[30] CN (201010579221.0) 2010-12-08

[21] **2,820,390**
[13] A1

[51] **Int.Cl. E21B 7/24 (2006.01) E21B 17/07 (2006.01) F16F 1/32 (2006.01)**
[25] EN
[54] **VIBRATION TRANSMISSION AND ISOLATION**
[54] **TRANSMISSION DE VIBRATIONS ET ISOLATION CONTRE CELLES-CI**
[72] WIERCIGROCH, MARIAN, GB
[71] ITI SCOTLAND LIMITED, GB
[85] 2013-06-05
[86] 2011-12-07 (PCT/EP2011/072121)
[87] (WO2012/076617)
[30] GB (1020660.5) 2010-12-07
[30] GB (1102558.2) 2011-02-14
[30] GB (1104874.1) 2011-03-23

[21] **2,820,392**
[13] A1

[51] **Int.Cl. A01N 65/08 (2009.01) A01P 7/00 (2006.01)**
[25] EN
[54] **MIXTURES OF MUSTARD PLANT MATERIAL FOR THE CONTROL OF PESTS AND METHODS OF MAKING**
[54] **MELANGES DE SUBSTANCES VEGETALES ISSUES DE MOUTARDES UTILISABLES EN VUE DE LA LUTTE CONTRE LES ORGANISMES NUISIBLES ET LEURS PROCEDES DE FABRICATION**
[72] ROBINSON, JAMES, CA
[71] MPT MUSTARD PRODUCTS & TECHNOLOGIES INC., CA
[85] 2013-06-06
[86] 2011-10-14 (PCT/CA2011/050648)
[87] (WO2012/083446)
[30] US (61/424,771) 2010-12-20

[21] **2,820,393**
[13] A1

[51] **Int.Cl. C07C 319/22 (2006.01) A61K 31/105 (2006.01) A61P 31/04 (2006.01) C07C 323/65 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF AJOENE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES D'AJOENE**
[72] BJARNSHOLT, THOMAS, DK
[72] HOIBY, NIELS, DK
[72] JENSEN, PETER OSTRUP, DK
[72] PHIPPS, RICHARD, DK
[72] SHANMUGHAM, MEENAKSHI SUNDARAM, DK
[72] GENNIP, MARIA VAN, DK
[72] CHRISTENSEN, LOUISE DAHL, DK
[72] JAKOBSEN, TIM HOLM, DK
[72] TANNER, DAVID, DK
[72] LARSEN, THOMAS OSTENFELD, DK
[72] GIVSKOV, MICHAEL, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2013-06-06
[86] 2011-12-07 (PCT/DK2011/050467)
[87] (WO2012/076016)
[30] EP (10194154.0) 2010-12-08
[30] US (61/420,922) 2010-12-08

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[21] **2,820,394**
[13] A1

[51] **Int.Cl. A61K 31/015 (2006.01) A61K 9/00 (2006.01) A61K 31/04 (2006.01) A61K 31/045 (2006.01) A61K 31/06 (2006.01) A61K 31/08 (2006.01) A61K 31/11 (2006.01) A61K 31/22 (2006.01) A61K 31/352 (2006.01) A61K 31/37 (2006.01) A61K 45/06 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION COMPRISING TRANS - CINNAMALDEHYDE AND ITS USE IN THE TREATMENT OF INFECTIONS**

[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DU TRANS-CINNAMALDEHYDE ET SON UTILISATION DANS LE TRAITEMENT DES INFECTIONS**

[72] TESSE, NICOLAS, FR
[71] SEPTEOS, FR
[85] 2013-06-05
[86] 2011-12-09 (PCT/EP2011/072389)
[87] (WO2012/076717)
[30] EP (10306388.9) 2010-12-09
[30] US (61/421,362) 2010-12-09

[21] **2,820,395**
[13] A1

[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/0775 (2010.01) C12N 15/12 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **SUB-TOTIPOTENT STEM CELL PRODUCT AND EPIGENETIC MODIFICATION LABEL THEREOF**

[54] **PRODUIT SOUCHE CELLULAIRE SUB-TOTIPOTENTE ET SON LABEL MODIFICATEUR HEREDITAIRE APPARENT**

[72] ZHAO, CHUNHUA, CN
[72] LI, JING, CN
[72] LI, HONGLING, CN
[72] CHEN, JIANHE, CN
[72] HAN, QIN, CN
[72] LI, KANGHUA, CN
[72] WANG, JING, CN
[71] INSTITUTE OF BASIC MEDICAL SCIENCES, CHINESE ACADEMY OF MEDICAL SCIENCES, CN

[85] 2013-06-06
[86] 2011-12-02 (PCT/CN2011/083380)
[87] (WO2012/075912)
[30] CN (PCT/CN2010/079608) 2010-12-09

[21] **2,820,398**
[13] A1

[51] **Int.Cl. C25B 1/10 (2006.01) B01D 53/32 (2006.01) C25B 1/12 (2006.01) C25B 9/08 (2006.01) C25B 15/08 (2006.01)**

[25] FR

[54] **CELL FOR PRODUCING HYDROGEN COMPRISING A HIGH-TEMPERATURE STEAM ELECTROLYSIS CELL**

[54] **CELLULE DE PRODUCTION D'HYDROGENE COMPRENANT UNE CELLULE D'ELECTROLYSEUR DE LA VAPEUR D'EAU A HAUTE TEMPERATURE**

[72] DELAHAYE, THIBAUD, FR
[72] BAURENS, PIERRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2013-06-05
[86] 2011-12-16 (PCT/EP2011/073130)
[87] (WO2012/084738)
[30] FR (1060840) 2010-12-20

[21] **2,820,400**
[13] A1

[51] **Int.Cl. F02M 25/08 (2006.01)**

[25] EN

[54] **INTERNAL COMBUSTION ENGINE WITH IMPROVED TANK CLEANING**

[54] **MOTEUR A COMBUSTION INTERNE COMPRENANT UN NETTOYAGE DE RESERVOIR AMELIORE**

[72] GRASS, PHILIPPE, DE
[72] WEIGL, MANFRED, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE

[85] 2013-06-06
[86] 2011-12-12 (PCT/EP2011/072464)
[87] (WO2012/080177)
[30] DE (10 2010 054 668.2) 2010-12-15

[21] **2,820,401**
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/098 (2006.01) C09D 167/08 (2006.01)**

[25] EN

[54] **DRIER COMPOSITION AND USE THEREOF**

[54] **COMPOSITION DE SICCATIF ET SON UTILISATION**

[72] WEIJNEN, JOHN, NL
[72] BLOEM, MARTIN, NL
[72] KLOMP, DIRK, NL
[71] PPG EUROPE BV, NL

[85] 2013-06-06
[86] 2010-12-15 (PCT/EP2010/069691)
[87] (WO2012/079624)

[21] **2,820,402**
[13] A1

[51] **Int.Cl. H04N 21/482 (2011.01) H04W 4/00 (2009.01) H04W 84/18 (2009.01) H04W 88/16 (2009.01) G06F 3/048 (2013.01)**

[25] EN

[54] **METHOD AND DEVICE FOR CONTROLLING A VIDEO RECEIVER**

[54] **PROCEDE ET DISPOSITIF POUR CONTROLER UN RECEPTEUR VIDEO**

[72] DEMCHENKO, YURIY, CA
[72] SCHEMBRI, DARYL, CA
[72] MARTINEZ, MARIA, CA
[71] ROGERS COMMUNICATIONS INC., CA

[85] 2013-06-06
[86] 2011-11-10 (PCT/CA2011/050698)
[87] (WO2012/075579)
[30] US (61/421,681) 2010-12-10
[30] US (13/045,646) 2011-03-11

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[21] **2,820,403**
[13] A1

[51] **Int.Cl. A61K 35/20 (2006.01) A61P 15/02 (2006.01)**
[25] EN
[54] **MULTIPURPOSE GEL FOR VAGINAL DRYNESS WITH DIRECT AND DELAYED EFFECT**
[54] **GEL A BUTS MULTIPLES CONTRE LA SECHERESSE VAGINALE PRESENTANT UN EFFET DIRECT ET PROLONGE**
[72] BARTORELLI, ALBERTO, CH
[72] GOBBI, MARIA ROSA, IT
[71] ZAMBON S.P.A., IT
[85] 2013-06-06
[86] 2011-12-02 (PCT/EP2011/071612)
[87] (WO2012/076409)
[30] IT (MI2010A002260) 2010-12-09

[21] **2,820,404**
[13] A1

[51] **Int.Cl. H01Q 9/30 (2006.01) H01Q 9/42 (2006.01)**
[25] EN
[54] **MODIFIED GROUND PLANE (MGP) APPROACH TO IMPROVING ANTENNA SELF-MATCHING AND BANDWIDTH**
[54] **APPROCHE DE PLAN DE SOL MODIFIE (MGP) POUR AMELIORER L'ADAPTATIVITE AUTOMATIQUE ET LA BANDE-PASSANTE D'ANTENNES**
[72] KANJ, HOUSSAM, CA
[72] ALI, SHIROOK M., CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-06-06
[86] 2011-12-08 (PCT/CA2011/050760)
[87] (WO2012/075586)
[30] US (12/965,300) 2010-12-10

[21] **2,820,405**
[13] A1

[51] **Int.Cl. A61F 2/90 (2013.01)**
[25] EN
[54] **REMOVABLE STENT AND METHOD OF PRODUCTION**
[54] **STENT AMOVIBLE ET PROCEDE DE FABRICATION**
[72] LUNDH, TORBJORN, SE
[72] MATTSSON, ERNEY, SE
[71] GRAFTCRAFT I GOTEBORG AB, SE
[85] 2013-06-06
[86] 2010-12-20 (PCT/EP2010/070309)
[87] (WO2012/084007)

[21] **2,820,408**
[13] A1

[51] **Int.Cl. C07D 239/36 (2006.01) C07D 239/47 (2006.01) C07D 239/52 (2006.01) C07D 239/56 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 413/06 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **PYRIMIDINONE COMPOUNDS FOR USE IN THE TREATMENT OF DISEASES OR CONDITIONS MEDIATED BY LP-PLA2**
[54] **COMPOSES DE PYRIMIDINONE UTILES DANS LE TRAITEMENT DE MALADIES OU D'ETATS PATHOLOGIQUES INDUITS PAR LA LP-PLA2**
[72] JIN, YUN, CN
[72] WAN, ZEHONG, CN
[72] ZHANG, QING, CN
[71] GLAXO GROUP LIMITED, GB
[85] 2013-06-06
[86] 2011-12-05 (PCT/EP2011/071690)
[87] (WO2012/076435)
[30] CN (PCT/CN2010/079465) 2010-12-06

[21] **2,820,409**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01) H01M 8/24 (2006.01)**
[25] FR
[54] **IMPROVED ELECTROCHEMICAL CONVERTER**
[54] **CONVERTISSEUR ELECTROCHIMIQUE PERFECTIONNE**
[72] FORTE, PIERRE, FR
[72] LEPILLER, CATHERINE, FR
[71] PRAGMA INDUSTRIES, FR
[85] 2013-06-06
[86] 2011-04-08 (PCT/FR2011/050798)
[87] (WO2011/124863)
[30] FR (1052660) 2010-04-08

[21] **2,820,413**
[13] A1

[51] **Int.Cl. C07C 221/00 (2006.01)**
[25] EN
[54] **METHOD FOR SYNTHESISING SUBSTITUTED AMINOCYCLOHEXANONE DERIVATIVES**
[54] **PROCEDE POUR LA SYNTHESE DE DERIVES D'AMINOCYCLOHEXANONE SUBSTITUES**
[72] PRUHS, STEFAN, DE
[72] GRIEBEL, CARSTEN, DE
[72] MUELLER, MARITA, DE
[71] GRUNENTHAL GMBH, DE
[85] 2013-06-06
[86] 2011-12-07 (PCT/EP2011/006142)
[87] (WO2012/076165)
[30] EP (10015428.5) 2010-12-08

[21] **2,820,414**
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANAGING THE LEVEL OF CHARGE OF AT LEAST TWO BATTERIES, CORRESPONDING DEVICE AND COMPUTER PROGRAM**
[54] **PROCEDE DE GESTION DU NIVEAU DE CHARGE D'AU MOINS DEUX BATTERIES, DISPOSITIF ET PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[72] LACROIX, PIERRE, FR
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR
[85] 2013-06-06
[86] 2011-12-07 (PCT/EP2011/072004)
[87] (WO2012/076570)
[30] FR (1060207) 2010-12-07
[30] FR (1060204) 2010-12-07

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[21] **2,820,415**
[13] A1

[51] **Int.Cl. D03D 11/02 (2006.01) B29C 70/24 (2006.01) B64D 29/02 (2006.01) D03D 25/00 (2006.01)**

[25] FR

[54] **FIBROUS STRUCTURE FOR A PART MADE OF COMPOSITE MATERIAL HAVING ONE OR MORE ARCH-SHAPED PORTIONS**

[54] **STRUCTURE FIBREUSE POUR PIECE EN MATERIAU COMPOSITE AYANT UNE OU PLUSIEURS PARTIES EN FORME D'ARCHE**

[72] GODON, THIERRY, FR

[72] DAMBRINE, BRUNO JACQUES GERARD, FR

[71] SNECMA, FR

[85] 2013-06-06

[86] 2011-12-05 (PCT/FR2011/052868)

[87] (WO2012/080617)

[30] FR (1060408) 2010-12-13

[21] **2,820,416**
[13] A1

[51] **Int.Cl. A61K 31/341 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **NEW PHARMACEUTICAL COMPOSITIONS**

[54] **NOUVELLES COMPOSITIONS PHARMACEUTIQUES**

[72] PEUHU, EMILIA, FI

[72] HOLMBOM, THOMAS, FI

[72] SJOHOLM, RAINER, FI

[72] ERIKSSON, JOHN, FI

[72] EKLUND, PATRIK, FI

[71] PEUHU, EMILIA, FI

[71] HOLMBOM, THOMAS, FI

[71] SJOHOLM, RAINER, FI

[71] ERIKSSON, JOHN, FI

[71] EKLUND, PATRIK, FI

[85] 2013-06-06

[86] 2011-12-07 (PCT/FI2011/051080)

[87] (WO2012/076756)

[30] FI (20106293) 2010-12-06

[21] **2,820,417**
[13] A1

[51] **Int.Cl. C09K 8/48 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR WELL COMPLETIONS**

[54] **COMPOSITIONS ET PROCEDES POUR DES COMPLETIONS DE Puits**

[72] MICHAUX, MICHEL, FR

[72] GABILLY, LAURENT, FR

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2013-06-06

[86] 2011-12-07 (PCT/EP2011/006364)

[87] (WO2012/079767)

[30] EP (10195830.4) 2010-12-18

[21] **2,820,419**
[13] A1

[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/02 (2006.01)**

[25] EN

[54] **AGENTS AND METHODS FOR INHIBITING HUMAN PLURIPOTENT STEM CELL GROWTH**

[54] **AGENTS ET PROCEDES PERMETTANT D'INHIBER LA CROISSANCE DE CELLULES SOUCHES PLURIPOTENTES HUMAINES**

[72] SCHULZ, THOMAS, US

[72] ROBINS, ALLAN, US

[71] VIACYTE, INC., US

[85] 2013-06-06

[86] 2010-12-08 (PCT/US2010/059586)

[87] (WO2012/078153)

[21] **2,820,420**
[13] A1

[51] **Int.Cl. C09K 11/06 (2006.01) B42D 15/00 (2006.01) B44F 1/08 (2006.01) C07F 5/02 (2006.01) D21H 21/48 (2006.01)**

[25] FR

[54] **SECURITY DOCUMENT COMPRISING A REVERSIBLE MECANOLUMINESCENT COMPOUND**

[54] **DOCUMENT DE SECURITE COMPORTANT UN COMPOSE MECANO LUMINESCENT REVERSIBLE**

[72] DERMILLY, ELLA, FR

[72] GILLOT, JULIEN, FR

[72] BORDE, XAVIER, FR

[72] LE BOZEC, HUBERT, FR

[72] REAU, REGIS, FR

[71] OBERTHUR FIDUCIAIRE SAS, FR

[85] 2013-06-06

[86] 2011-12-16 (PCT/EP2011/073049)

[87] (WO2012/080467)

[30] FR (1060737) 2010-12-17

[21] **2,820,421**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **KIT FOR DETECTING BOVINE LEUKEMIA VIRUS(BLV), AND USE THEREOF**

[54] **TROUSSE DE DETECTION DU VIRUS DE LA LEUCEMIE BOVINE (BLV) ET SON UTILISATION**

[72] AIDA, YOKO, JP

[72] TAKESHIMA, SHIN-NOSUKE, JP

[72] JIMBA, MAYUKO, JP

[72] ENDOH, DAIJI, JP

[71] RIKEN, JP

[85] 2013-04-16

[86] 2011-10-21 (PCT/JP2011/074887)

[87] (WO2012/053666)

[30] US (61/405,433) 2010-10-21

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[21] **2,820,425**
[13] A1

[51] **Int.Cl. B66C 23/16 (2006.01) A61K 8/11 (2006.01) A61K 8/31 (2006.01) A61K 8/49 (2006.01) A61K 8/65 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **GELATIN ENCAPSULATED ORAL CARE COMPOSITION CONTAINING HYDROPHILIC ACTIVE, HYDROPHOBIC STRUCTURING AGENT AND OIL CARRIER**

[54] **COMPOSITION DE SOIN BUCCAL ENCAPSULEE DANS DE LA GELATINE CONTENANT UNE SUBSTANCE ACTIVE HYDROPHILE, UN AGENT STRUCTURANT HYDROPHOBE ET UN SUPPORT HUILEUX**

[72] ONTUMI, DENNIS KEMBERO, US
[72] BOYD, THOMAS JAMES, US
[72] CHOPRA, SUMAN KUMAR, US
[72] BROWN, JAMES RICHARD, US
[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-06-06
[86] 2010-12-20 (PCT/US2010/061315)
[87] (WO2012/087280)

[21] **2,820,426**
[13] A1

[51] **Int.Cl. G01N 31/22 (2006.01) G01N 21/77 (2006.01)**

[25] FR

[54] **MULTIFUNCTIONAL DETECTOR FOR GASEOUS COMPOUNDS, AND USES THEREOF**

[54] **DETECTEUR MULTIFONCTIONNEL DE COMPOSES GAZEUX ET SES APPLICATIONS**

[72] TRAN-THI, THU-HOA, FR
[72] GARCIA, JULIEN, FR
[72] NGUYEN, THI DINH, GB
[72] NGUYEN, TRUNG-HIEU, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR

[85] 2013-06-06
[86] 2011-12-14 (PCT/FR2011/052993)
[87] (WO2012/080665)
[30] FR (1060643) 2010-12-16

[21] **2,820,429**
[13] A1

[51] **Int.Cl. A23D 7/00 (2006.01) A23D 9/00 (2006.01)**

[25] EN

[54] **WRAPPER MARGARINE**

[54] **MARGARINE D'EMBALLAGE**

[72] VAN KEMPEN, GIJSBERT MICHIEL PETER, NL
[72] LAGERWAARD, CORNELIS ABRAHAM, NL
[71] UNILEVER PLC, GB

[85] 2013-06-06
[86] 2011-11-28 (PCT/EP2011/071150)
[87] (WO2012/079964)
[30] EP (10195567.2) 2010-12-17

[21] **2,820,430**
[13] A1

[51] **Int.Cl. C07C 209/16 (2006.01) C07C 211/07 (2006.01) C07C 211/27 (2006.01) C07C 213/02 (2006.01) C07C 217/08 (2006.01) C07C 227/08 (2006.01) C07C 229/08 (2006.01) C07C 229/38 (2006.01) C07C 231/12 (2006.01) C07C 237/06 (2006.01) C07C 319/20 (2006.01) C07C 323/25 (2006.01) C07D 213/38 (2006.01) C07D 307/52 (2006.01)**

[25] EN

[54] **PROCESS FOR THE HOMOGENEOUSLY CATALYSED, HIGHLY SELECTIVE DIRECT AMINATION OF PRIMARY ALCOHOLS BY MEANS OF AMMONIA TO FORM PRIMARY AMINES AT A HIGH VOLUME RATIO OF LIQUID PHASE TO GAS PHASE AND/OR HIGH PRESSURES**

[54] **PROCEDE PAR CATALYSE HOMOGENE D'AMINATION DIRECTE HAUTEMENT SELECTIVE, D'ALCOOLS PRIMAIRES AVEC L'AMMONIAC, POUR DONNER DES AMINES PRIMAIRES, SOUS DE HAUTS RAPPORTS VOLUMIQUES ENTRE LA PHASE LIQUIDE ET LA PHASE GAZEUSE ET/OU EN PRESENCE DE PRESSIONS ELEVEES**

[72] KLASOVSKY, FLORIAN, DE
[72] PFEFFER, JAN CHRISTOPH, DE
[72] TACKE, THOMAS, DE
[72] HAAS, THOMAS, DE
[72] BELLER, MATTHIAS, DE
[72] KOCKRITZ, ANGELA, DE
[72] DEUTSCH, JENS, DE
[72] MARTIN, ANDREAS, DE
[72] IMM, SEBASTIAN, DE
[71] EVONIK DEGUSSA GMBH, DE

[85] 2013-06-06
[86] 2011-12-07 (PCT/EP2011/071992)
[87] (WO2012/076560)
[30] DE (10 2010 062 645.7) 2010-12-08
[30] DE (10 2011 004 470.1) 2011-02-21
[30] DE (10 2011 075 162.9) 2011-05-03

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[21] **2,820,431**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**

[25] EN
[54] **DOSAGE FORM**
[54] **FORME POSOLOGIQUE**
[72] MOHAMMAD, HASSAN, GB
[71] EURO-CELTIQUE S.A., LU
[85] 2013-06-06
[86] 2011-12-09 (PCT/GB2011/052455)
[87] (WO2012/076907)
[30] GB (1020895.7) 2010-12-09

[21] **2,820,434**
[13] A1

[51] **Int.Cl. G01K 15/00 (2006.01)**

[25] EN
[54] **SYSTEM FOR VERIFYING TEMPERATURE MEASUREMENT**
[54] **SYSTEME DE VERIFICATION DE LA MESURE DE LA TEMPERATURE**

[72] COLBURN, MICHAEL, US
[72] BOGNER, STEPHEN, US
[72] MCCLOSKEY, DAVID, US
[72] MCCORMICK, GAVIN, US
[71] COLBURN, MICHAEL, US
[71] BOGNER, STEPHEN, US
[71] MCCLOSKEY, DAVID, US
[71] MCCORMICK, GAVIN, US
[85] 2013-06-06
[86] 2011-12-02 (PCT/US2011/001951)
[87] (WO2012/078186)
[30] US (61/420,177) 2010-12-06

[21] **2,820,435**
[13] A1

[51] **Int.Cl. C07H 3/06 (2006.01) A61K 31/7028 (2006.01) A61P 31/04 (2006.01) C07H 5/06 (2006.01)**

[25] EN
[54] **GLYCOMIMETIC COMPOUNDS AS ANTI-INFECTIOUS AGAINST PATHOGENS LECTINS**
[54] **COMPOSES GLYCOMIMETIQUES EN TANT QU'AGENTS ANTI-INFECTIEUX CONTRE DES LECTINES PATHOGENES**

[72] IMBERTY, ANNE, FR
[72] VIDAL, SEBASTIEN, FR
[72] MATTHEWS, SUSAN, GB
[72] FAURE, KARINE, FR
[72] GUERY, BENOIT, FR
[72] CECIONI, SAMY, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[85] 2013-06-06
[86] 2010-12-10 (PCT/IB2010/055741)
[87] (WO2012/076934)

[21] **2,820,437**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/18 (2006.01) A61K 31/216 (2006.01) A61K 31/44 (2006.01)**

[25] EN
[54] **PHARMACEUTICAL COMPOSITES OF POORLY WATER SOLUBLE DRUGS AND POLYMERS**
[54] **COMPOSITES PHARMACEUTIQUES DE MEDICAMENTS MEDIOCREMENT SOLUBLES DANS L'EAU ET DE POLYMERES**

[72] GATTI, PAOLO, IT
[72] COLOMBO, ITALO, IT
[72] GERVASONI, DARIO, IT
[72] PIRONTI, VINCENZA, IT
[72] ALBORGHETTI, LIA, IT
[72] FABIANI, FLAVIO, IT
[72] BOLTRI, LUIGI, IT
[71] APTALIS PHARMA LIMITED, IE
[85] 2013-06-06
[86] 2011-12-22 (PCT/EP2011/073782)
[87] (WO2012/085197)
[30] IE (2010/0799) 2010-12-22

[21] **2,820,439**
[13] A1

[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/18 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**

[25] EN
[54] **METHOD FOR ALLOCATING CHANNEL RESOURCES IN A BROADBAND ACCESS SYSTEM DURING DATA TRANSFER INCLUDING MULTIMEDIA DATA**
[54] **PROCEDE D'ATTRIBUTION DE RESSOURCES DE CANAL DANS SYSTEME D'ACCES LARGE BANDE PENDANT TRANSFERT DE DONNEES COMPRENANT DES DONNEES MULTIMEDIA**

[72] SAVASTIANOV, VOLODIMIR VOLODIMIROVICH, UA
[72] VEKLENKO, SERGIY MIKOLAYOVICH, UA
[72] BUDAEV, PETRO VOLODIMIROVICH, UA
[72] SEMENIUK, ILLIA DMITROVICH, UA
[72] FILATOV, YURIY OLEKSANDROVICH, UA
[72] SAMILLO, SERGIY GEORGIYOVICH, UA
[71] TOVARISTVO Z OBMEZHENOU VIDPOVIDALNISTU "INTER-BARS 4S", UA
[85] 2013-06-06
[86] 2011-09-30 (PCT/UA2011/000089)
[87] (WO2012/082086)
[30] UA (a 2010 15265) 2010-12-17

[21] **2,820,440**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **THE ABCG1 GENE AS A MARKER AND A TARGET GENE FOR TREATING OBESITY**
[54] **GENE ABCG1 AU TITRE DE MARQUEUR ET DE GENE CIBLE DANS LE TRAITEMENT DE L'OBESITE**

[72] LE GOFF, WILFRIED, FR
[72] OLIVIER, MARYLINE, FR
[72] GUERIN, MARYSE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[85] 2013-06-06
[86] 2011-12-16 (PCT/EP2011/073140)
[87] (WO2012/080503)
[30] EP (10306449.9) 2010-12-17

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[21] **2,820,442**
[13] A1

[51] **Int.Cl. B66B 3/00 (2006.01) B66B 1/46 (2006.01)**
[25] EN
[54] **USER GUIDANCE WITH MOBILE ELECTRONIC DEVICES**
[54] **GUIDAGE D'UTILISATEUR AVEC DES DISPOSITIFS ELECTRONIQUES MOBILES**
[72] FRIEDLI, PAUL, CH
[72] KAPPELER, MARKUS, CH
[71] INVENTIO AG, CH
[85] 2013-06-06
[86] 2012-03-22 (PCT/EP2012/055117)
[87] (WO2012/130729)
[30] EP (11160164.7) 2011-03-29

[21] **2,820,443**
[13] A1

[51] **Int.Cl. F28D 9/00 (2006.01)**
[25] EN
[54] **A HEAT EXCHANGER ASSEMBLY AND USE OF AN APPARATUS IN A HEAT EXCHANGER**
[54] **ENSEMBLE ECHANGEUR THERMIQUE ET UTILISATION D'UN APPAREIL DANS UN ECHANGEUR THERMIQUE**
[72] ASK, TORSTEN, SE
[72] BROAD, ROBERT, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2013-06-06
[86] 2012-01-11 (PCT/EP2012/050364)
[87] (WO2012/104118)
[30] EP (11153418.6) 2011-02-04

[21] **2,820,444**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) A01G 1/00 (2006.01) C05D 9/00 (2006.01) C12N 15/00 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **PLANT CULTIVATION SYSTEM UTILIZING PHOSPHITE AS A NUTRIENT AND AS A CONTROL AGENT FOR WEEDS AND ALGAE**
[54] **SYSTEME DE CULTURE DE PLANTES UTILISANT UN PHOSPHITE COMME NUTRIMENT ET COMME AGENT DE LUTTE CONTRE LES MAUVAISES HERBES ET LES ALGUES**
[72] HERRERA-ESTRELLA, LUIS R., MX
[72] LOPEZ-ARREDONDO, DAMAR L., MX
[71] CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITECNICO NACIONAL (CINVESTAV), MX
[85] 2013-06-06
[86] 2011-12-07 (PCT/IB2011/003203)
[87] (WO2012/076984)
[30] US (61/420,735) 2010-12-07
[30] US (61/488,500) 2011-05-20
[30] US (61/567,590) 2011-12-06

[21] **2,820,445**
[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING DENTAL DISEASES, DISORDERS, AND INJURIES**
[54] **PROCEDES POUR LE TRAITEMENT DE MALADIES, TROUBLES ET LESIONS DENTAIRES**
[72] GOLDEN, WILLIAM J., US
[72] RUPP, RANDAL G., US
[71] STEMNION, INC., US
[85] 2013-06-06
[86] 2011-12-14 (PCT/US2011/001980)
[87] (WO2012/087348)
[30] US (61/459,859) 2010-12-20

[21] **2,820,447**
[13] A1

[51] **Int.Cl. F02M 57/06 (2006.01) F02M 51/06 (2006.01) F02M 61/04 (2006.01) F02M 61/16 (2006.01)**
[25] EN
[54] **INTEGRATED FUEL INJECTOR IGNITERS HAVING FORCE GENERATING ASSEMBLIES FOR INJECTING AND IGNITING FUEL AND ASSOCIATED METHODS OF USE AND MANUFACTURE**
[54] **ALLUMEURS INTEGRES D'INJECTEURS DE CARBURANT COMPRENANT DES ENSEMBLES GENERATEURS DE FORCE ET METHODES CONNEXES D'UTILISATION ET DE FABRICATION**
[72] MCALISTER, ROY EDWARD, US
[71] MCALISTER TECHNOLOGIES, LLC, US
[85] 2013-06-06
[86] 2010-12-06 (PCT/US2010/059146)
[87] (WO2012/078132)

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[21] **2,820,448**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/427 (2006.01) A61P 29/00 (2006.01) C07D 491/04 (2006.01) C07D 495/04 (2006.01) C07D 513/04 (2006.01)**

[25] EN

[54] **2-AMINO-4-ARYLTHIAZOLE COMPOUNDS AS TRPA1 ANTAGONISTS**

[54] **COMPOSES 2-AMINO-4-ARYLTHIAZOLES EN TANT QU'ANTAGONISTES DE LA TRPA1**

[72] KUMAR, SUKEERTHI, IN
[72] THOMAS, ABRAHAM, IN
[72] CHAUDHARI, SACHIN SUNDARLAL, IN
[72] KANSAGRA, BIPIN PARSOTTAM, IN
[72] YEMIREDDY, VENKATA RAMANA, IN
[72] KHAIRATKAR-JOSHI, NEELIMA, IN
[72] MUKHOPADHYAY, INDRANIL, IN
[72] GUDI, GIRISH, IN
[71] GLENMARK PHARMACEUTICALS, S.A., CH

[85] 2013-06-06
[86] 2011-12-15 (PCT/IB2011/003224)
[87] (WO2012/085662)
[30] IN (3451/MUM/2010) 2010-12-20
[30] US (61/428,327) 2010-12-30
[30] IN (748/MUM/2011) 2011-03-16
[30] US (61/466,535) 2011-03-23
[30] IN (1569/MUM/2011) 2011-05-25
[30] US (61/495,002) 2011-06-09
[30] IN (2741/MUM/2011) 2011-09-28
[30] US (61/552,076) 2011-10-27

[21] **2,820,451**
[13] A1

[51] **Int.Cl. C07H 17/08 (2006.01)**

[25] EN

[54] **KETOLIDE COMPOUNDS COMPOSES CETOLIDES**

[72] TRIVEDI, BHARAT, IN
[72] DESHPANDE, PRASAD, IN
[72] TADIPARTHI, RAVIKUMAR, IN
[72] GUPTA, SUNIL, IN
[72] DIWAKAR, SANTOSH, IN
[72] PAWAR, SHIVAJI, IN
[72] PATIL, VIJAY, IN
[72] DEKHANE, DEEPAK, IN
[72] PATEL, MAHESH, IN
[72] BHAVSAR, SATISH, IN
[72] MISHRA, AMIT, IN
[72] SOLANKI, MANISH, IN
[72] JAFRI, MOHAMMAD, IN
[72] BHAGWAT, SACHIN, IN
[71] WOCKHARDT LIMITED, IN

[85] 2013-06-06
[86] 2011-02-03 (PCT/IB2011/050464)
[87] (WO2012/076989)
[30] IN (3352/MUM/2010) 2010-12-09

[21] **2,820,453**
[13] A1

[51] **Int.Cl. B65B 3/12 (2006.01) B65B 31/02 (2006.01)**

[25] EN

[54] **AEROSOL CONTAINER FILLING SYSTEM**

[54] **SYSTEME DE REMPLISSAGE DE CONTENANT AEROSOL**

[72] HEATLEY, CHRISTOPHER, US
[71] SEYMOUR OF SYCAMORE INC., US

[85] 2013-06-06
[86] 2011-06-23 (PCT/US2011/041618)
[87] (WO2012/078211)
[30] US (12/961,982) 2010-12-07

[21] **2,820,454**
[13] A1

[51] **Int.Cl. B65C 9/06 (2006.01) B67B 3/26 (2006.01) B67C 3/00 (2006.01)**

[25] EN

[54] **A DEVICE FOR DETECTING MOVING CONTAINERS**

[54] **DISPOSITIF DE DETECTION DE CONTENANTS EN DEPLACEMENT**

[72] BELLINI, MARCO, IT
[72] MARCANTONI, SIMONE, IT
[71] MAKRO LABELLING S.R.L., IT

[85] 2013-06-06
[86] 2011-11-30 (PCT/IB2011/055377)
[87] (WO2012/090093)
[30] IT (VR2010A000253) 2010-12-27

[21] **2,820,456**
[13] A1

[51] **Int.Cl. C10M 169/06 (2006.01)**

[25] FR

[54] **GREASE COMPOSITION COMPOSITION DE GRAISSE**

[72] BARDIN, FRANCK, FR
[71] TOTAL RAFFINAGE MARKETING, FR

[85] 2013-06-06
[86] 2011-12-12 (PCT/IB2011/055622)
[87] (WO2012/080940)
[30] FR (10 60 442) 2010-12-13

[21] **2,820,458**
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01) C01B 3/48 (2006.01) C01B 3/56 (2006.01)**

[25] EN

[54] **STEAM METHANE REFORMING PROCESS**

[54] **PROCEDE DE REFORMAGE DE METHANE A LA VAPEUR**

[72] MORROW, JEFFREY M., US
[72] ZANFIR, MONICA, US
[72] DRNEVICH, RAYMOND F., US
[71] PRAXAIR TECHNOLOGY, INC., US

[85] 2013-06-06
[86] 2011-11-10 (PCT/US2011/060095)
[87] (WO2012/078299)
[30] US (12/964,163) 2010-12-09

[21] **2,820,460**
[13] A1

[51] **Int.Cl. C08J 9/12 (2006.01)**

[25] EN

[54] **POLYSTYRENE MELT EXTRUSION PROCESS**

[54] **PROCEDE D'EXTRUSION A CHAUD DE POLYSTYRENE**

[72] KRAM, SHARI L., US
[72] LEE, SIMON, US
[72] STOBBY, WILLIAM G., US
[72] MORGAN, TED A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2013-06-06
[86] 2011-11-22 (PCT/US2011/061859)
[87] (WO2012/082332)
[30] US (61/424,289) 2010-12-17

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[21] **2,820,461**
[13] A1

[51] **Int.Cl. H04N 7/12 (2006.01)**
[25] EN
[54] **VIDEO STREAM PRESENTATION SYSTEM AND PROTOCOL**
[54] **SYSTEME ET PROTOCOLE DE PRESENTATION DE FLUX VIDEO**
[72] LEVY, ISAAC, US
[72] SHALOM, TAL, US
[72] SELA, MEIR, US
[72] WENGER, STEPHAN, US
[71] DELTA VIDYO, INC., US
[85] 2013-06-06
[86] 2011-11-23 (PCT/US2011/062028)
[87] (WO2012/078368)
[30] US (61/421,918) 2010-12-10

[21] **2,820,462**
[13] A1

[51] **Int.Cl. C08L 63/00 (2006.01)**
[25] EN
[54] **IMPROVED EPOXY SYSTEMS AND AMINE POLYMER SYSTEMS AND METHODS FOR MAKING THE SAME**
[54] **SYSTEMES EPOXY AMELIORES ET SYSTEMES AMELIORES DE POLYMERES D'AMINE ET LEURS PROCEDES DE FABRICATION**
[72] ELMORE, JIM D., US
[72] CORLEY, LARRY STEVEN, US
[72] HITE, JERRY R., US
[71] MOMENTIVE SPECIALTY CHEMICALS INC., US
[85] 2013-06-06
[86] 2011-11-28 (PCT/US2011/062185)
[87] (WO2012/082341)
[30] US (12/966,616) 2010-12-13

[21] **2,820,464**
[13] A1

[51] **Int.Cl. C08L 63/00 (2006.01)**
[25] EN
[54] **IMPROVED EPOXY SYSTEMS AND AMINE POLYMER SYSTEMS AND METHODS FOR MAKING THE SAME**
[54] **MODELES AMELIORES DE SYSTEMES EPOXY ET DE POLYMERES D'AMINES, ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] CORLEY, LARRY STEVEN, US
[72] HITE, JERRY R., US
[72] ELMORE, JIM D., US
[71] MOMENTIVE SPECIALTY CHEMICALS INC., US
[85] 2013-06-06
[86] 2011-11-28 (PCT/US2011/062186)
[87] (WO2012/082342)
[30] US (12/966,709) 2010-12-13

[21] **2,820,465**
[13] A1

[51] **Int.Cl. B32B 27/00 (2006.01)**
[25] EN
[54] **HIGH STRENGTH AND HIGH ELASTICITY COMPOSITE MATERIALS AND METHODS OF REINFORCING SUBSTRATES WITH THE SAME**
[54] **MATERIAUX COMPOSITES TRES RESISTANTS ET TRES ELASTIQUES ET PROCEDES UTILISANT CES MATERIAUX COMPOSITES POUR RENFORCER DES SUBSTRATS**
[72] ATTARD, THOMAS L., US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[85] 2013-06-06
[86] 2011-12-06 (PCT/US2011/063581)
[87] (WO2012/078664)
[30] US (61/420,159) 2010-12-06

[21] **2,820,470**
[13] A1

[51] **Int.Cl. G07F 11/62 (2006.01)**
[25] EN
[54] **MEDICATION DISPENSING CART**
[54] **CHARIOT DE DISTRIBUTION DE MEDICAMENTS**
[72] PAYDAR, AKBAR, US
[72] KIM, STANLEY, US
[72] RICHARDSON, CHRIS, US
[72] MORENO, GERARDO, US
[72] SANTINI, VICTOR, US
[72] MOODY, NATHANIEL, US
[72] VIRAG, LASZLO, US
[72] HOM, LEN, US
[71] OMNICELL, INC., US
[85] 2013-06-06
[86] 2011-12-06 (PCT/US2011/063597)
[87] (WO2012/078676)
[30] US (61/420,262) 2010-12-06

[21] **2,820,478**
[13] A1

[51] **Int.Cl. G08B 17/10 (2006.01) G08B 19/00 (2006.01)**
[25] EN
[54] **REMOTE FIRE DETECTION BYPASS FOR TESTING FIRE/SMOKE ALARM AND INDICATION DEVICES**
[54] **DERIVATION DE DETECTION D'INCENDIE A DISTANCE POUR TESTER DES DISPOSITIFS D'ALARME ET D'INDICATION DE FEU/DE FUMEE**
[72] SEBASCO, SALVADOR, US
[71] SEBASCO, SALVADOR, US
[85] 2013-06-06
[86] 2010-12-07 (PCT/US2010/059325)
[87] (WO2011/071942)
[30] US (61/267,391) 2009-12-07

[21] **2,820,481**
[13] A1

[51] **Int.Cl. A01K 1/00 (2006.01)**
[25] EN
[54] **MODULAR PET HOUSE AND ENTERTAINMENT SYSTEM**
[54] **LOGIS MODULAIRE POUR ANIMAL DE COMPAGNIE ET SYSTEME DE JEU**
[72] CALLARI, FRANCESCO, US
[71] CALLARI, FRANCESCO, US
[85] 2013-06-06
[86] 2010-12-07 (PCT/US2010/059214)
[87] (WO2011/071866)
[30] US (61/267,373) 2009-12-07

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[21] **2,820,527**
[13] A1

[51] **Int.Cl. H02N 6/00 (2006.01)**
[25] EN
[54] **CONCENTRATED PHOTOVOLTAIC AND THERMAL SOLAR ENERGY COLLECTOR**
[54] **CAPTEUR SOLAIRE PHOTOVOLTAIQUE ET THERMIQUE CONCENTRE**
[72] CORREIA, DAVID, US
[72] BRAIG, JIM, US
[72] SHULENBERGER, ARTHUR M., US
[71] ELECTROTHERM SOLAR CORPORATION, US
[85] 2013-06-06
[86] 2010-12-08 (PCT/US2010/059348)
[87] (WO2012/078146)
[30] US (12/962,650) 2010-12-07

[21] **2,820,528**
[13] A1

[51] **Int.Cl. B60P 1/04 (2006.01)**
[25] EN
[54] **SCREW-DRIVEN VERTICALLY-ELEVATING CAB**
[54] **CABINE S'ELEVANT VERTICALEMENT ENTRAINEE PAR VIS**
[72] GLICKMAN, MYRON, US
[72] VAN GORP, ERIC BRIAN, US
[72] LANIGAN, JOHN J., JR., US
[72] RUSSO, JAMES THOMAS, US
[72] ZAKULA, DANIEL BRIAN, US
[71] MI-JACK PRODUCTS, INC., US
[85] 2013-06-06
[86] 2011-09-26 (PCT/US2011/053221)
[87] (WO2012/087394)
[30] US (12/973,762) 2010-12-20

[21] **2,820,530**
[13] A1

[51] **Int.Cl. B66C 15/02 (2006.01) B66C 19/00 (2006.01) F16P 1/00 (2006.01)**
[25] EN
[54] **REDUNDANT HOIST ROPE SYSTEM**
[54] **SYSTEME DE CABLE DE LEVAGE REDONDANT**
[72] GLICKMAN, MYRON, US
[72] VAN GORP, ERIC BRIAN, US
[72] LANIGAN, JOHN J., US
[71] MI-JACK PRODUCTS, INC., US
[85] 2013-06-06
[86] 2011-09-26 (PCT/US2011/053286)
[87] (WO2012/078233)
[30] US (12/964,196) 2010-12-09

[21] **2,820,532**
[13] A1

[51] **Int.Cl. G01F 3/12 (2006.01) G01F 1/05 (2006.01)**
[25] EN
[54] **FLUID FLOW INDICATOR AND METHOD**
[54] **INDICATEUR D'ECOULEMENT DE FLUIDE ET PROCEDE**
[72] DEVITA, MICHAEL A., US
[72] HUTELMEYER, ANDREW P., US
[71] DYNAMIC MEDICAL STRATEGIES, LLC, US
[85] 2013-06-06
[86] 2011-10-20 (PCT/US2011/057092)
[87] (WO2012/078247)
[30] US (61/459,059) 2010-12-06
[30] US (13/205,602) 2011-08-08

[21] **2,820,536**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 1/13 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CONTROL OF PATHOGENS AND PARASITES**
[54] **LUTTE CONTRE LES PATHOGENES ET LES PARASITES**
[72] SAYRE, RICHARD, US
[72] KUMAR, ANIL, US
[71] DONALD DANFORTH PLANT SCIENCE CENTER, US
[85] 2013-06-06
[86] 2011-10-24 (PCT/US2011/057476)
[87] (WO2012/054919)
[30] US (61/405,770) 2010-10-22

[21] **2,820,543**
[13] A1

[51] **Int.Cl. C08G 18/08 (2006.01) C08F 283/00 (2006.01) C08G 18/70 (2006.01) C09J 175/04 (2006.01) C09J 175/16 (2006.01)**
[25] EN
[54] **WATERBORNE POLYURETHANE ADHESIVE COMPOSITION AND METHOD FOR BONDING ARTICLES**
[54] **COMPOSITION D'ADHESIF POLYURETHANE A L'EAU ET PROCEDE DE COLLAGE D'ARTICLES**
[72] ACHTEN, DIRK, DE
[72] ARNDT, WOLFGANG, DE
[72] KRAUS, HARALD, DE
[72] WEIKARD, JAN, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-05-23
[86] 2011-11-24 (PCT/EP2011/070940)
[87] (WO2012/069587)
[30] EP (10192671.5) 2010-11-26

[21] **2,820,545**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **RESERVATION MANAGEMENT DEVICE, RESERVATION MANAGEMENT METHOD, RESERVATION MANAGEMENT PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM STORING PROGRAM FOR SAME**
[54] **DISPOSITIF DE GESTION DE RESERVATION, PROCEDE DE GESTION DE RESERVATION, PROGRAMME DE GESTION DE RESERVATION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR STOCKANT UN PROGRAMME ASSOCIE**
[72] KATAGIRI, YOKO, JP
[71] RAKUTEN, INC., JP
[85] 2013-06-19
[86] 2012-02-27 (PCT/JP2012/054808)
[87] (WO2013/018390)
[30] JP (2011-167299) 2011-07-29

PCT Applications Entering the National Phase

[21] **2,820,550**
[13] A1

[51] **Int.Cl. C07D 473/00 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **NOVEL PURINYLPYRIDINYLAMINO-2,4-DIFLUOROPHENYL SULFONAMIDE DERIVATIVE, PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PREPARATION METHOD THEREOF, AND PHARMACEUTICAL COMPOSITION WITH INHIBITORY ACTIVITY AGAINST RAF KINASE, CONTAINING SAME AS ACTIVE INGREDIENT**

[54] **NOUVEAU DERIVE DE PURINYLPYRIDINYLAMINO-2,4-DIFLUOROPHENYL SULFONAMIDE, SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI, SON PROCEDE DE PREPARATION, ET COMPOSITION PHARMACEUTIQUE AYANT UNE ACTIVITE INHIBITRICE CONTRE LA RAF KINASE, LE CONTENANT COMME PRINCIPE ACTIF**

[72] SHIM, EUN KYONG, KR
[72] KIM, NAM DOO, KR
[72] SHIM, TAE BO, KR
[72] KIM, SEUNG YONG, KR
[71] YOUAI CO.,LTD, KR
[85] 2013-05-30
[86] 2011-11-25 (PCT/KR2011/009091)
[87] (WO2012/074249)
[30] KR (10-2010-0122047) 2010-12-02
[30] KR (10-2011-0124360) 2011-11-25

[21] **2,820,552**
[13] A1

[51] **Int.Cl. A47F 1/10 (2006.01) A47G 21/14 (2006.01) B65D 75/02 (2006.01) B65D 83/08 (2006.01)**

[25] EN

[54] **SCREW DRIVE FOR DISPENSING CUTLERY AND RELATED METHODS**

[54] **ENTRAINEMENT A VIS POUR DISTRIBUER DES COUVERTS DE TABLE ET PROCEDES ASSOCIES**

[72] WALTERS, RICHARD S., US
[71] DIXIE CONSUMER PRODUCTS LLC, US

[85] 2013-06-06
[86] 2011-10-28 (PCT/US2011/058329)
[87] (WO2012/078261)
[30] US (61/422,004) 2010-12-10

[21] **2,820,554**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN

[54] **MEDICATED MODULE FOR AN INHALER**

[54] **MODULE MEDICAMENTE POUR INHALATEUR**

[72] YOUNG, ALASDAIR GEORGE, GB
[72] DE SAUSMAREZ LINTELL, DANIEL THOMAS, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-05-23
[86] 2011-11-28 (PCT/EP2011/071118)
[87] (WO2012/072542)
[30] EP (10192975.0) 2010-11-29
[30] US (61/433,696) 2011-01-18

[21] **2,820,555**
[13] A1

[51] **Int.Cl. G01V 8/10 (2006.01) G01K 11/32 (2006.01) G01V 8/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DISTRIBUTED ENVIRONMENTAL PARAMETER MEASUREMENT**

[54] **SYSTEME ET PROCEDE POUR LA MESURE DE PARAMETRES ENVIRONNEMENTAUX REPARTIS**

[72] HALL, TRAVIS S., US
[71] BAKER HUGHES INCORPORATED, US

[85] 2013-06-06
[86] 2011-11-08 (PCT/US2011/059765)
[87] (WO2012/078287)
[30] US (12/962,786) 2010-12-08

[21] **2,820,556**
[13] A1

[51] **Int.Cl. F16K 5/06 (2006.01) F16K 5/20 (2006.01)**

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[54] **BALL VALVE**

[54] **ROBINET SPHERIQUE**

[72] AVDJIAN, CHRISTOPHE, FR
[71] CAMERON INTERNATIONAL CORPORATION, US

[85] 2013-06-06
[86] 2011-11-28 (PCT/US2011/062253)
[87] (WO2012/078392)
[30] EP (10306377.2) 2010-12-08

[21] **2,820,557**
[13] A1

[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 5/178 (2006.01) A61M 5/19 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/28 (2006.01) A61M 5/31 (2006.01) A61M 5/32 (2006.01) A61M 5/34 (2006.01)**

[25] EN

[54] **AUTO-INJECTOR DEVICE WITH A MEDICATED MODULE**

[54] **DISPOSITIF AUTO-INJECTEUR AVEC UN MODULE MEDICINAL**

[72] KOUYOUJIAN, GAREN, GB
[72] BOYD, MALCOLM STANLEY, GB
[72] DE SAUSMAREZ LINTELL, DANIEL THOMAS, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-05-23
[86] 2011-11-28 (PCT/EP2011/071135)
[87] (WO2012/072559)
[30] EP (10192993.3) 2010-11-29
[30] US (61/433,830) 2011-01-18

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[13] A1

[51] **Int.Cl. C08J 5/04 (2006.01) C03C 25/34 (2006.01) C08K 7/04 (2006.01) C08K 7/10 (2006.01) C08K 7/14 (2006.01)**

[25] EN

[54] **METHOD OF REDUCING THE FORMALDEHYDE EMISSION OF A MINERAL FIBRE PRODUCT, AND MINERAL FIBRE PRODUCT WITH REDUCED FORMALDEHYDE EMISSION**

[54] **PROCEDE DE REDUCTION DES EMISSIONS DE FORMALDEHYDE D'UN PRODUIT CONSTITUE DE FIBRES MINERALES, ET PRODUIT CONSTITUE DE FIBRES MINERALES A EMISSIONS DE FORMALDEHYDE REDUITES**

[72] HANSEN, ERLING LENNART, DK
[72] NAERUM, LARS, DK
[72] NISSEN, POVL, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK

[85] 2013-05-23
[86] 2011-12-05 (PCT/EP2011/071732)
[87] (WO2012/076462)
[30] EP (10193849.6) 2010-12-06
[30] US (61/420,906) 2010-12-08

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[13] A1

[51] **Int.Cl. E21B 33/10 (2006.01) B23P 11/02 (2006.01)**

[25] EN

[54] **DUAL SEAL TUBING HANGER**

[54] **BRAS BATTANT DE TUBAGE A DOUBLE JOINT**

[72] KENNEDY, JIMMY L., US
[71] PETROHAWK PROPERTIES, LP, US

[85] 2013-06-06
[86] 2011-11-30 (PCT/US2011/062688)
[87] (WO2012/078431)
[30] US (12/961,603) 2010-12-07

[21] **2,820,567**
[13] A1

[51] **Int.Cl. B65D 41/04 (2006.01) B65D 51/16 (2006.01)**

[25] EN

[54] **CLOSURE FOR A CONTAINER**

[54] **DISPOSITIF DE FERMETURE POUR CONTENANT**

[72] DREYER, LINO, FR
[72] ROUQUETTE, ALEXANDRE, FR
[71] OBRIST CLOSURES SWITZERLAND GMBH, CH

[85] 2013-05-23
[86] 2011-12-07 (PCT/EP2011/072039)
[87] (WO2012/084514)
[30] EP (10196924.4) 2010-12-23

[21] **2,820,571**
[13] A1

[51] **Int.Cl. C25D 5/26 (2006.01) B21D 22/20 (2006.01) C21D 9/46 (2006.01) C22C 18/00 (2006.01) C22C 19/03 (2006.01) C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/60 (2006.01) C23C 28/00 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING WARM PRESS-FORMED MEMBERS**

[54] **PROCEDE DE FABRICATION D'UN ELEMENT PRESSE A CHAUD**

[72] NAKAJIMA, SEIJI, JP
[72] MIYOSHI, TATSUYA, JP
[72] NAKAMARU, HIROKI, JP
[71] JFE STEEL CORPORATION, JP

[85] 2013-05-23
[86] 2011-11-30 (PCT/JP2011/078225)
[87] (WO2012/074132)
[30] JP (2010-269851) 2010-12-03
[30] JP (2011-000555) 2011-01-05
[30] JP (2011-091635) 2011-04-18
[30] JP (2011-162679) 2011-07-26

[21] **2,820,572**
[13] A1

[51] **Int.Cl. A61B 18/00 (2006.01) A61B 17/32 (2006.01) A61B 18/04 (2006.01) A61N 7/02 (2006.01)**

[25] EN

[54] **ULTRASONIC SURGICAL INSTRUMENT, ASSOCIATED SURGICAL METHOD AND RELATED MANUFACTURING METHOD**

[54] **INSTRUMENT CHIRURGICAL ULTRASONORE, PROCEDE CHIRURGICAL ASSOCIE, ET PROCEDE DE FABRICATION CORRESPONDANT**

[72] SINELNIKOV, YEGOR, US
[71] MISONIX INCORPORATED, US

[85] 2013-06-06
[86] 2011-12-01 (PCT/US2011/062864)
[87] (WO2012/078447)
[30] US (61/459,121) 2010-12-07

[21] **2,820,574**
[13] A1

[51] **Int.Cl. H04N 21/43 (2011.01) H04N 7/08 (2006.01)**

[25] EN

[54] **METHOD OF RECEIVING ENHANCED SERVICE AND VIDEO DISPLAY DEVICE THEREOF**

[54] **PROCEDE DE RECEPTION DE SERVICE AMELIORE ET APPAREIL D'AFFICHAGE POUR CELUI-CI**

[72] KIM, SANGHYUN, KR
[72] SUH, JONGYEUL, KR
[72] KIM, KWANSUK, KR
[72] LEE, JOONHUI, KR
[72] CHUNG, JAEHEE, KR
[72] LEE, HYEONJAE, KR
[72] KIM, JINPIL, KR
[72] SEO, DONGWAN, KR
[72] MOON, KYOUNGSOO, KR
[72] JI, AETTIE, KR
[72] SEO, YOUNGJAE, KR
[72] KIM, KYUNGHO, KR
[72] PARK, SUNGOK, KR
[71] LG ELECTRONICS INC., KR

[85] 2013-05-23
[86] 2011-11-24 (PCT/KR2011/009043)
[87] (WO2012/070901)
[30] US (61/417,201) 2010-11-24
[30] US (61/421,623) 2010-12-09
[30] US (61/525,840) 2011-08-21
[30] US (61/536,064) 2011-09-19
[30] US (61/549,238) 2011-10-20
[30] US (61/549,237) 2011-10-20

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[21] **2,820,577**
[13] A1

[51] **Int.Cl. B65D 43/16 (2006.01)**
[25] EN
[54] **VIAL WITH LID ATTACHMENT MECHANISM**
[54] **FLACON A MECANISME DE FIXATION DU COUVERCLE**
[72] BELFANCE, JOHN, US
[72] SUPRANOWICZ, RONALD, US
[71] CSP TECHNOLOGIES, INC., US
[85] 2013-06-06
[86] 2011-12-02 (PCT/US2011/063017)
[87] (WO2012/082399)
[30] US (61/422,287) 2010-12-13

[21] **2,820,579**
[13] A1

[51] **Int.Cl. A01M 1/22 (2006.01)**
[25] EN
[54] **USE OF ACOUSTICS TO DISRUPT AND DETER WOOD-INFESTING INSECTS AND OTHER INVERTEBRATES FROM AND WITHIN TREES AND WOOD PRODUCTS**
[54] **UTILISATION DE L'ACOUSTIQUE POUR PERTURBER ET DETOURNER INSECTES ET AUTRES INVERTEBRES INFESTANT LE BOIS PRESENTS DANS DES ARBRES ET DES PRODUITS LIGNEUX**
[72] HOFSTETTER, RICHARD W., US
[72] MCGUIRE, REAGAN, US
[72] DUNN, DAVID, US
[71] ARIZONA BOARD OF REGENTS, ACTING FOR AND ON BEHALF OF NORTHERN ARIZONA UNIVERSITY, US
[85] 2013-06-06
[86] 2011-12-07 (PCT/US2011/063838)
[87] (WO2012/078814)
[30] US (61/420,715) 2010-12-07

[21] **2,820,580**
[13] A1

[51] **Int.Cl. G01C 19/5733 (2012.01)**
[25] EN
[54] **MODE-MATCHED SINGLE PROOF-MASS DUAL-AXIS GYROSCOPE AND METHOD OF FABRICATION**
[54] **GYROSCOPE A DEUX AXES ET A MASSE ETALON UNIQUE ET ADAPTE EN MODE, ET PROCEDE DE FABRICATION ASSOCIE**
[72] AYAZI, FARROKH, US
[72] SUNG, WANG-KYUNG, US
[72] ZAMAN, MOHAMMAD FAISAL, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2013-06-06
[86] 2011-12-05 (PCT/US2011/063315)
[87] (WO2012/078520)
[30] US (61/420,434) 2010-12-07

[21] **2,820,581**
[13] A1

[51] **Int.Cl. H01R 43/26 (2006.01)**
[25] EN
[54] **A COUPLING APPARATUS FOR HIGH POWER ELECTRICAL CONNECTORS**
[54] **APPAREIL DE COUPLAGE POUR CONNECTEURS ELECTRIQUES A INTENSITE ELEVEE**
[72] ANDREW, STEPHEN SEYMOUR JAMES, AU
[72] PICCOLO, JOHN, AU
[71] ANOLO HOLDINGS PTY LTD, AU
[85] 2013-05-07
[86] 2011-11-09 (PCT/AU2011/001443)
[87] (WO2012/061883)
[30] AU (2010904951) 2010-11-09

[21] **2,820,583**
[13] A1

[51] **Int.Cl. C10M 161/00 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITION CONTAINING VISCOSITY INDEX IMPROVER**
[54] **COMPOSITION LUBRIFIANTE CONTENANT UN AGENT AMELIORANT L'INDICE DE VISCOSITE**
[72] HUANG, CHOR, US
[72] PRICE, DAVID, GB
[72] KELLEY, JACK, US
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-06-06
[86] 2011-12-06 (PCT/US2011/063425)
[87] (WO2012/078572)
[30] US (61/421,764) 2010-12-10

[21] **2,820,584**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61M 1/00 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **A METHOD FOR CALCULATING OR APPROXIMATING ONE OR MORE VALUES REPRESENTING PARAMETERS OF A PATIENT AND DEVICES**
[54] **PROCEDE DE CALCUL OU D'APPROXIMATION D'UNE OU PLUSIEURS VALEURS REPRESENTANT DES PARAMETRES D'UN PATIENT ET DISPOSITIFS ASSOCIES**
[72] MOISSL, ULRICH, DE
[72] WIESKOTTEN, SEBASTIAN, DE
[72] CHAMNEY, PAUL, GB
[72] NIER, VOLKER, DE
[72] WABEL, PETER, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2013-05-23
[86] 2011-12-09 (PCT/EP2011/006220)
[87] (WO2012/076184)
[30] EP (EP10015466) 2010-12-09
[30] US (61/421,224) 2010-12-09

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[21] **2,820,585**
[13] A1

[51] **Int.Cl. G01D 21/00 (2006.01) H04W 84/18 (2009.01) G01B 21/32 (2006.01) G01H 17/00 (2006.01) G01L 1/00 (2006.01) G01L 5/00 (2006.01) G01L 19/00 (2006.01) G01P 1/00 (2006.01)**

[25] EN

[54] **WIRELESS SENSOR DEVICE**

[54] **DISPOSITIF DE DETECTION SANS FIL**

[72] MOORE, BRIAN, CA

[72] SLUPSKY, STEVEN, CA

[72] SELLATHAMBY, CHRISTOPHER, CA

[71] SCANIMETRICS INC., CA

[85] 2013-05-06

[86] 2011-02-17 (PCT/CA2011/050100)

[87] (WO2012/058770)

[30] US (61/410,734) 2010-11-05

[21] **2,820,586**
[13] A1

[51] **Int.Cl. A61K 31/4704 (2006.01)**

[25] EN

[54] **USE OF LAQUINIMOD FOR REDUCING FATIGUE, IMPROVING FUNCTIONAL STATUS, AND IMPROVING QUALITY OF LIFE IN MULTIPLE SCLEROSIS PATIENTS**

[54] **UTILISATION DE LAQUINIMOD POUR LA REDUCTION DE LA FATIGUE, L'AMELIORATION DE L'ETAT FONCTIONNEL, ET L'AMELIORATION DE LA QUALITE DE VIE CHEZ DES PATIENTS ATTEINTS DE SCLEROSE EN PLAQUES**

[72] TARCIC, NORA, IL

[72] BAR-ZOHAR, DAN, IL

[72] KOFLER, DINA, IL

[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL

[85] 2013-06-06

[86] 2011-12-06 (PCT/US2011/063460)

[87] (WO2012/078591)

[30] US (61/420,742) 2010-12-07

[30] US (61/542,996) 2011-10-04

[21] **2,820,587**
[13] A1

[51] **Int.Cl. A47K 10/38 (2006.01) B65D 83/08 (2006.01)**

[25] EN

[54] **WIPES DISPENSER**

[54] **DISTRIBUTEUR DE LINGETTES**

[72] RAY, EUGENE, US

[72] GMEREK, MICHAEL, III, US

[71] GOJO INDUSTRIES, INC., US

[85] 2013-06-06

[86] 2011-12-08 (PCT/US2011/063904)

[87] (WO2012/078841)

[30] US (12/963,208) 2010-12-08

[21] **2,820,589**
[13] A1

[51] **Int.Cl. F15B 15/10 (2006.01)**

[25] EN

[54] **COMPRESSOR AND/OR EXPANDER DEVICE WITH ROLLING PISTON SEAL**

[54] **COMPRESSEUR ET/OU DISPOSITIF DETENDEUR COMPRENANT UN JOINT DE PISTON ROTATIF**

[72] HAUER, ISTVAN, US

[72] INGERSOLL, ERIC D., US

[72] ABORN, JUSTIN A., US

[72] BLIESKE, MATTHEW, US

[71] GENERAL COMPRESSION INC., US

[71] HAUER, ISTVAN, US

[85] 2013-06-06

[86] 2011-12-06 (PCT/US2011/063498)

[87] (WO2012/078606)

[30] US (61/420,505) 2010-12-07

[21] **2,820,590**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) C12N 5/10 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **ANTI SINGLE-STRAND TYPE-IV COLLAGEN POLYPEPTIDE ANTIBODY, AND PHARMACEUTICAL, OR AGENT FOR DIAGNOSING, PREVENTING OR TREATING TUMOURS, CONTAINING SAME**

[54] **ANTICORPS ANTI-POLYPEPTIDE DU COLLAGENE DE TYPE IV SIMPLE BRIN ET SUBSTANCE PHARMACEUTIQUE OU AGENT DESTINE AU DIAGNOSTIC, A LA PREVENTION OU AU TRAITEMENT DES TUMEURS, CONTENANT CES DERNIERS**

[72] MORITA, MAKOTA, JP

[72] TOMURA, ARIHIRO, JP

[72] SAIGA, KAN, JP

[72] HAYASHI, TOSHIHIKO, JP

[72] SUGIHARA, HIDEMITSU, JP

[72] TOKUNAKA, KAZUHIRO, JP

[72] SATO, TAKAMICHI, JP

[72] IMAMURA, YASUTADA, JP

[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP

[85] 2013-05-09

[86] 2011-11-08 (PCT/JP2011/075762)

[87] (WO2012/063839)

[30] JP (2010-252193) 2010-11-10

[21] **2,820,591**
[13] A1

[51] **Int.Cl. A01B 23/06 (2006.01) A01B 15/16 (2006.01)**

[25] EN

[54] **BLADE MOUNT**

[54] **SUPPORT DE LAME**

[72] BAKER, CHRISTOPHER JOHN, NZ

[72] RITCHIE, WILLIAM ROWLAN, NZ

[72] ROBINSON, DAVID JOHN, NZ

[72] SEFTON, BRIAN WILLIAM, NZ

[71] BAKER, CHRISTOPHER JOHN, NZ

[85] 2013-05-23

[86] 2011-11-22 (PCT/NZ2011/000245)

[87] (WO2012/070957)

[30] NZ (589458) 2010-11-23

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[21] **2,820,592**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **APPARATUS COMPRISING INDIVIDUAL SHAFT FIBERS AND SET FOR FOLDING OR UNFOLDING A MEDICAL IMPLANT AND METHOD**
[54] **APPAREIL COMPRENANT FIBRES DE TIGE INDIVIDUELLES ET ENSEMBLE POUR PLIER OU DEPLIER UN IMPLANT MEDICAL ET PROCEDE**
[72] GOETZ, WOLFGANG, DE
[72] LIM, HOU-SEN, SG
[71] TRANSCATHETER TECHNOLOGIES GMBH, DE
[85] 2013-05-23
[86] 2011-12-19 (PCT/EP2011/006410)
[87] (WO2012/084178)
[30] DE (10 2010 061 371.1) 2010-12-20
[30] US (61/424,706) 2010-12-20

[21] **2,820,593**
[13] A1

[51] **Int.Cl. F16L 55/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REPAIRING THE WALL OF A MANHOLE**
[54] **PROCEDE ET APPAREIL POUR REPARER LA PAROI D'UN TROU D'HOMME**
[72] KIEST, LARRY W., JR., US
[71] LMK TECHNOLOGIES, LLC, US
[85] 2013-05-23
[86] 2011-10-12 (PCT/US2011/055865)
[87] (WO2012/074608)
[30] US (12/959,044) 2010-12-02

[21] **2,820,594**
[13] A1

[51] **Int.Cl. C07D 307/46 (2006.01) C07D 311/78 (2006.01) C07D 333/78 (2006.01) C07D 407/06 (2006.01) C07D 409/06 (2006.01)**
[25] EN
[54] **LACTONE COMPOUNDS AND MATERIALS MADE THEREFROM**
[54] **COMPOSES LACTONES ET MATERIAUX FABRIQUES A PARTIR DESDITS COMPOSES**
[72] HE, MENG, US
[72] DABIDEEN, DARRIN R., US
[72] XU, RUISONG, US
[72] KUMAR, ANIL, US
[71] TRANSITIONS OPTICAL, INC., US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/063905)
[87] (WO2012/082513)
[30] US (61/459,675) 2010-12-16
[30] US (13/313,602) 2011-12-07

[21] **2,820,595**
[13] A1

[51] **Int.Cl. F04B 39/00 (2006.01) F04B 17/05 (2006.01) F04B 53/14 (2006.01)**
[25] EN
[54] **OFFSET VALVE BORE IN A RECIPROCATING PUMP**
[54] **ALESAGE DE SOUPEPE DECALE DANS UNE POMPE ALTERNATIVE**
[72] BAYYOUK, JACOB A., US
[72] MACKENZIE, DONALD, GB
[71] S.P.M. FLOW CONTROL, INC., US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/063946)
[87] (WO2012/078870)
[30] US (61/421,453) 2010-12-09

[21] **2,820,596**
[13] A1

[51] **Int.Cl. F21V 23/02 (2006.01) F21V 23/04 (2006.01) F21V 23/06 (2006.01)**
[25] EN
[54] **DIMMABLE OUTDOOR LUMINAIRES**
[54] **LUMINAIRES EXTERIEURS A INTENSITE REGLABLE**
[72] ILYES, LASZLO SANDOR, US
[72] PRASAD, HIMAMSHU, IN
[72] CREIGHTON, JASON D., US
[72] COSBY, MELVIN C., JR., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-05-23
[86] 2011-10-28 (PCT/US2011/058234)
[87] (WO2012/074641)
[30] US (12/959,921) 2010-12-03

[21] **2,820,597**
[13] A1

[51] **Int.Cl. A47L 15/00 (2006.01) A47L 15/42 (2006.01)**
[25] EN
[54] **TABLE TOP DISHWASHER**
[54] **LAVE-VAISSELLE A PLATEAU**
[72] LUNDBERG, MATS, SE
[72] SALERNO, LUIGI, IT
[71] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
[85] 2013-05-23
[86] 2011-09-21 (PCT/EP2011/066366)
[87] (WO2012/072293)
[30] EP (10015114.1) 2010-11-30

[21] **2,820,598**
[13] A1

[51] **Int.Cl. A61M 1/10 (2006.01)**
[25] EN
[54] **CONTROLLER AND POWER SOURCE FOR IMPLANTABLE BLOOD PUMP**
[54] **UNITE DE COMMANDE ET SOURCE D'ENERGIE POUR POMPE A SANG IMPLANTABLE**
[72] RUDSER, JOHN, US
[72] LAROSE, JEFFREY A., US
[71] HEARTWARE, INC., US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/063949)
[87] (WO2012/078873)
[30] US (61/421,557) 2010-12-09

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[21] **2,820,599**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO ASSESS COGNITIVE FUNCTION**
[54] **SYSTEMES ET PROCEDES SERVANT A EVALUER UNE FONCTION COGNITIVE**
[72] SEVERSON, JOAN MARIE, US
[72] COSMAN, JOSHUA DANIEL, US
[72] MERICKEL, MICHAEL BRUCE, JR., US
[71] DIGITAL ARTEFACTS, LLC, US
[85] 2013-05-23
[86] 2011-11-23 (PCT/US2011/062106)
[87] (WO2012/071544)
[30] US (61/417,189) 2010-11-24

[21] **2,820,600**
[13] A1

[51] **Int.Cl. C07D 207/12 (2006.01) A61K 31/40 (2006.01) A61K 31/439 (2006.01) A61K 31/46 (2006.01) A61P 11/08 (2006.01) A61P 29/02 (2006.01) C07D 451/10 (2006.01) C07D 453/02 (2006.01)**
[25] EN
[54] **GLYCINE DERIVATIVES AND THEIR USE AS MUSCARINIC RECEPTOR ANTAGONISTS**
[54] **DERIVES DE GLYCINE ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DES RECEPTEURS MUSCARINIQUES**
[72] AMARI, GABRIELE, IT
[72] RICCABONI, MAURO, IT
[72] FARINA, MARCO, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2013-05-23
[86] 2011-10-27 (PCT/EP2011/068894)
[87] (WO2012/069275)
[30] EP (10192713.5) 2010-11-26

[21] **2,820,604**
[13] A1

[51] **Int.Cl. H04M 3/48 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE PRESENCE AND AVAILABILITY OF A CELLULAR PHONE DESTINATION**
[54] **PROCEDE ET SYSTEME POUR DETERMINER ET GERER LA PRESENCE ET LA DISPONIBILITE DE TELEPHONES CELLULAIRES**
[72] OKON, SHMUEL, IL
[71] ICHOOZULTD., US
[85] 2013-06-04
[86] 2011-12-05 (PCT/IL2011/000921)
[87] (WO2012/077099)
[30] US (61/419,844) 2010-12-05

[21] **2,820,606**
[13] A1

[51] **Int.Cl. F01K 23/10 (2006.01) F01K 7/16 (2006.01) F01K 25/02 (2006.01)**
[25] EN
[54] **PARALLEL CYCLE HEAT ENGINES**
[54] **MOTEURS THERMIQUES A CYCLE PARALLELE**
[72] HELD, TIMOTHY J., US
[72] VERMEERSCH, MICHAEL L., US
[72] XIE, TAO, US
[72] MILLER, JASON D., US
[71] ECHOGEN POWER SYSTEMS, INC., US
[85] 2013-05-23
[86] 2011-11-28 (PCT/US2011/062198)
[87] (WO2012/074905)
[30] US (61/417,789) 2010-11-29
[30] US (13/212,631) 2011-08-18

[21] **2,820,609**
[13] A1

[51] **Int.Cl. G01N 21/75 (2006.01) G01N 21/31 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINATION OF SYSTEM PARAMETERS FOR REDUCING CRUDE UNIT CORROSION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LES PARAMETRES D'UN SYSTEME EN VUE DE REDUIRE LA CORROSION AFFECTANT UNE UNITE DE TRAITEMENT DU PETROLE BRUT**
[72] BANKS, RODNEY H., US
[72] CIOTA, STEVEN R., US
[72] WELZ, SASCHA, US
[71] NALCO COMPANY, US
[85] 2013-05-23
[86] 2011-11-30 (PCT/US2011/062529)
[87] (WO2012/075076)
[30] US (12/957,854) 2010-12-01

[21] **2,820,611**
[13] A1

[51] **Int.Cl. A47C 1/031 (2006.01) A47C 5/06 (2006.01) A47C 7/02 (2006.01)**
[25] EN
[54] **ERGONOMIC CHAIR**
[54] **CHAISE ERGONOMIQUE**
[72] KNIGHT, STEVEN R., US
[72] LIAO, SIMON, TW
[71] CROWN SEATING LLC, US
[85] 2013-05-23
[86] 2011-12-13 (PCT/US2011/064736)
[87] (WO2012/115700)
[30] US (61/446,023) 2011-02-23
[30] US (61/446,444) 2011-02-24
[30] US (61/499,081) 2011-06-20

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[21] **2,820,613**
[13] A1

[51] **Int.Cl. C04B 41/48 (2006.01) C08F 220/24 (2006.01) C08F 220/26 (2006.01) C08F 222/10 (2006.01) D06M 15/277 (2006.01)**

[25] EN

[54] **FLUORINATED COPOLYMERS**

[54] **COPOLYMERES FLUORES**

[72] POLLINO, JOEL M., US

[72] RAGHAVANPILLAI, ANILKUMAR, US

[72] ROSEN, BRAD M., US

[72] SHENOY, SIDDHARTHA, US

[72] HU, LIBBY XIAOWEI, US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2013-05-23

[86] 2011-12-19 (PCT/US2011/065717)

[87] (WO2012/083292)

[30] US (61/424,219) 2010-12-17

[30] US (13/300,999) 2011-11-21

[21] **2,820,614**
[13] A1

[51] **Int.Cl. A61K 39/155 (2006.01) A61P 31/12 (2006.01)**

[25] EN

[54] **RESPIRATORY SYNCYTIAL VIRUS VACCINE**

[54] **VACCIN CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**

[72] SAELENS, XAVIER, BE

[72] SCHEPENS, BERT, BE

[72] FIERS, WALTER, BE

[71] VIB VZM, BE

[71] UNIVERSITEIT GENT, BE

[85] 2013-05-10

[86] 2011-11-15 (PCT/EP2011/070161)

[87] (WO2012/065997)

[30] GB (1019240.9) 2010-11-15

[30] US (61/458,012) 2010-11-15

[21] **2,820,615**
[13] A1

[51] **Int.Cl. F26B 13/10 (2006.01) D21F 5/18 (2006.01) D21H 17/49 (2006.01) D21H 25/06 (2006.01) D21H 27/26 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR IMPREGNATING AND DRYING A CONTINUOUS PAPER WEB**

[54] **PROCEDE ET INSTALLATION DESTINES A L'IMPREGNATION ET AU SECHAGE D'UNE BANDE DE PAPIER DEFILANTE**

[72] UNGER, UDO, DE

[72] DONGELLI, ADNAN, DE

[72] JAMES, DANIEL, DE

[72] ERKELENZ, WILLI, DE

[71] VITS TECHNOLOGY GMBH, DE

[85] 2013-05-23

[86] 2011-11-04 (PCT/EP2011/069407)

[87] (WO2012/069301)

[30] DE (10 2010 052 044.6) 2010-11-23

[21] **2,820,616**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 30/72 (2006.01) G01N 33/50 (2006.01) G01N 33/58 (2006.01)**

[25] EN

[54] **BIOMARKERS FOR MONITORING TREATMENT OF NEUROPSYCHIATRIC DISEASES**

[54] **BIOMARQUEURS POUR LA SURVEILLANCE DU TRAITEMENT DE MALADIES NEUROPSYCHIATRIQUES**

[72] PI, BO, US

[72] BILELLO, JOHN, US

[71] RIDGE DIAGNOSTICS, INC., US

[85] 2013-06-06

[86] 2011-12-06 (PCT/US2011/063522)

[87] (WO2012/078623)

[30] US (61/420,141) 2010-12-06

[21] **2,820,617**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**

[25] EN

[54] **IMMUNOGENIC PEPTIDES FOR USE IN THE PREVENTION AND/OR TREATMENT OF INFECTIOUS DISEASES, AUTOIMMUNE DISEASES, IMMUNE RESPONSES TO ALLOFACTORS, ALLERGIC DISEASES, TUMORS, GRAFT REJECTION AND IMMUNE RESPONSES AGAINST VIRAL VECTORS USED FOR GENE THERAPY OR GENE VACCINATION**

[54] **PEPTIDES IMMUNOGENES DESTINES A LA PREVENTION ET/OU AU TRAITEMENT DE MALADIES INFECTIEUSES, DE MALADIES AUTO-IMMUNES, DE REPONSES IMMUNITAIRES AUX ALLOFACTEURS, DE MALADIES ALLERGIQUES, DE TUMEURS, DU REJET DE GREFFE, ET DES REPONSES IMMUNITAIRES DIRIGES CONTRE DES VECTEURS VIRAUX UTILISES EN THERAPIE GENIQUE OU EN VACCINATION GENIQUE**

[72] SAINT-REMY, JEAN-MARIE, BE

[71] IMNATE SARL, LU

[85] 2013-05-24

[86] 2011-11-24 (PCT/EP2011/070898)

[87] (WO2012/069568)

[30] EP (10192559.2) 2010-11-25

[21] **2,820,618**
[13] A1

[51] **Int.Cl. A61K 31/496 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **METHODS OF TREATMENT USING SELECTIVE BCL-2 INHIBITORS**

[54] **PROCEDES DE TRAITEMENT UTILISANT DES INHIBITEURS SELECTIFS DE BCL-2**

[72] ELMORE, STEVEN, US

[72] SOUERS, ANDREW, US

[72] WANG, LI CHUN, US

[72] GHAYUR, TARIQ, US

[72] PERPER, STUART J., US

[71] ABBVIE INC., US

[85] 2013-05-15

[86] 2011-11-22 (PCT/US2011/061769)

[87] (WO2012/071374)

[30] US (61/416,689) 2010-11-23

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[21] **2,820,619**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/52 (2006.01) G01N 15/10 (2006.01)**

[25] EN

[54] **RAPID IN VIVO GENE MUTATION ASSAY BASED ON THE PIG-A GENE**

[54] **EVALUATION DE MUTATION GENETIQUE IN VIVO RAPIDE SUR LA BASE DU GENE PIG-A**

[72] DERTINGER, STEPHEN D., US

[72] BRYCE, STEVEN M., US

[71] LITRON LABORATORIES, LTD., US

[85] 2013-05-24

[86] 2011-11-23 (PCT/US2011/062125)

[87] (WO2012/071557)

[30] US (61/417,104) 2010-11-24

[21] **2,820,620**
[13] A1

[51] **Int.Cl. B65G 47/51 (2006.01) B65G 47/72 (2006.01)**

[25] EN

[54] **CONVEYOR ACCUMULATOR FOR CONTROLLING THE FLOW OF ARTICLES BEING CONVEYED**

[54] **ACCUMULATEUR DE CONVOYEUR PERMETTANT DE REGULER LE FLUX D'ARTICLES QUI SONT TRANSPORTES**

[72] STEEBER, DORIAN F., US

[71] FLEETWOODGOLDCOWYARD, INC., US

[85] 2013-06-06

[86] 2011-12-06 (PCT/US2011/063577)

[87] (WO2012/078661)

[30] US (12/961,176) 2010-12-06

[21] **2,820,622**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) A61K 9/00 (2006.01) A61K 35/12 (2006.01) A61K 39/395 (2006.01) A61L 27/38 (2006.01) A61P 9/10 (2006.01) C07K 14/71 (2006.01) C07K 16/22 (2006.01) C12N 15/13 (2006.01) C12N 15/18 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01) C12P 21/00 (2006.01)**

[25] EN

[54] **CELL LINES THAT SECRETE ANTI-ANGIOGENIC ANTIBODY-SCAFFOLDS AND SOLUBLE RECEPTORS AND USES THEREOF**

[54] **LIGNEES CELLULAIRES SECRETANT DES SQUELETTES D'ANTICORPS ANTI-ANGIOGENIQUES ET DES RECEPTEURS SOLUBLES, ET UTILISATIONS DE CELLES-CI**

[72] LING, VINCENT, US

[72] NYSTUEN, ARNE M., US

[72] TAO, WENG, US

[72] STABILA, PAUL FRANCIS, US

[72] KAUPER, KONRAD, US

[71] NEUROTECH USA, INC., US

[85] 2013-05-27

[86] 2011-11-30 (PCT/US2011/062704)

[87] (WO2012/075184)

[30] US (61/419,138) 2010-12-02

[21] **2,820,624**
[13] A1

[51] **Int.Cl. B65D 85/72 (2006.01)**

[25] EN

[54] **PRODUCTS FOR ANIMAL USE INCLUDING HUMANS HAVING A CERTIFICATE VERIFYING AT LEAST ONE OF EFFICACY OR SAFETY, AND METHODS OF PROVIDING SUCH CERTIFICATES**

[54] **PRODUITS DESTINES A UNE UTILISATION ANIMALE, Y COMPRIS LES HUMAINS, PRESENTANT UN CERTIFICAT VERIFIANT L'EFFICACITE ET/OU L'INNOCUITE, ET PROCEDES POUR FOURNIR DE TELS CERTIFICATS**

[72] BAKER, CHRISTOPHER, US

[71] BAKER, CHRISTOPHER, US

[85] 2013-06-06

[86] 2011-12-06 (PCT/US2011/063617)

[87] (WO2012/078692)

[30] US (12/961,492) 2010-12-06

[21] **2,820,625**
[13] A1

[51] **Int.Cl. A61K 31/10 (2006.01) A61K 31/095 (2006.01) A61P 29/00 (2006.01) C07C 255/03 (2006.01) C07C 309/00 (2006.01)**

[25] EN

[54] **3-METHANESULFONYLPROPIONIT RILE FOR TREATING INFLAMMATION AND PAIN**

[54] **3-METHANESULFONYLPROPIONIT RILE POUR LE TRAITEMENT D'UNE INFLAMMATION ET DE LA DOULEUR**

[72] ST. LAURENT, JOSEPH P., US

[71] OLATEC INDUSTRIES LLC, US

[85] 2013-05-27

[86] 2011-12-13 (PCT/US2011/064590)

[87] (WO2012/082718)

[30] US (61/423,485) 2010-12-15

[21] **2,820,626**
[13] A1

[51] **Int.Cl. B60K 6/00 (2007.10) B60L 11/18 (2006.01) H01G 9/00 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01)**

[25] EN

[54] **ENERGY STORAGE SYSTEM FOR HYBRID ELECTRIC VEHICLE**

[54] **SYSTEME DE STOCKAGE D'ENERGIE POUR UN VEHICULE ELECTRIQUE HYBRIDE**

[72] YOUNGS, DANIEL J., US

[72] BIEHL, KURT, US

[72] BASS, EDWARD, US

[72] SCHNEIDER, ERIC D., US

[72] BAILEY, FELICE E., US

[72] REYBURN, STEVEN T., US

[71] ALLISON TRANSMISSION, INC., US

[85] 2013-06-06

[86] 2011-12-07 (PCT/US2011/063684)

[87] (WO2012/078721)

[30] US (61/420,389) 2010-12-07

PCT Applications Entering the National Phase

[21] **2,820,627**
[13] A1

[51] **Int.Cl. C09K 8/62 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF COATED PROPPANTS**
[54] **PROCEDE DE PRODUCTION D'AGENTS DE SOUTENEMENT REVETUS**
[72] KUHLMANN, PETER, DE
[72] WINTER, REINHARDT, DE
[72] GREAEEDTS, JAN, NL
[71] ASHLAND-SUDCHEMIE-KERNFEST GMBH, DE
[85] 2013-05-28
[86] 2011-11-18 (PCT/EP2011/070465)
[87] (WO2012/066125)
[30] DE (10 2010 051 817.4) 2010-11-18

[21] **2,820,628**
[13] A1

[51] **Int.Cl. C07H 3/08 (2006.01) C07H 13/04 (2006.01) C07H 15/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (2R,3S)-2-(HYDROXYMETHYL)-5-METHOXYTETRAHYDROFURAN-3-OL AND ACETYLATED DERIVATIVES THEREOF, FREE OF PYRANOSE COMPOUNDS**
[54] **PROCEDE POUR LA PREPARATION DU (2R,3S)-2-(HYDROXYMETHYL)-5-METHOXYTETRAHYDROFURAN-3-OL ET DE DERIVES ACETYLES DE CELUI-CI, EXEMPTS DE COMPOSES DE PYRANOSE**
[72] FU, XING, US
[72] ZUMBRUNN, ALBRECHT, CH
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2013-05-23
[86] 2011-11-23 (PCT/US2011/062038)
[87] (WO2012/071508)
[30] US (61/416,594) 2010-11-23

[21] **2,820,630**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 14/52 (2006.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C12N 9/00 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **DIMERIC MOLECULAR COMPLEXES WITH FREE CYSTEINE RESIDUES AND CONJUGATES THEREOF**
[54] **COMPLEXES MOLECULAIRES DIMERES AVEC RESIDUS DE CYSTEINE LIBRES ET LEURS CONJUGUES**
[72] LIGHT, DAVID, US
[72] SZYMANSKI, PAUL, US
[72] SETO, MARIAN, US
[72] CORNELIUS, ALINE, US
[71] BAYER HEALTHCARE LLC, US
[85] 2013-06-06
[86] 2011-12-07 (PCT/US2011/063748)
[87] (WO2012/078761)
[30] US (61/421,418) 2010-12-09

[21] **2,820,632**
[13] A1

[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING TRAVEL PACKAGES INCLUDING SEPARATELY PURCHASED TRAVEL ITEMS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE GENERER DES FORFAITS DE VOYAGE COMPRENANT DES ARTICLES DE VOYAGE ACHETES SEPAREMENT**
[72] WALLACE, GLENN WILLIAM, US
[72] PERKS, BARBARA, US
[72] HAMM, MICHAEL EDWARD, US
[72] WILLIAMS, JADA MICHELLE, US
[72] LONG, WILLIAM GEORGE, US
[72] ZUMSTEG, DEREK JOHN, US
[72] TUCK-LEE, MICHAEL STEPHEN, US
[72] HA, LAM CHI, US
[71] EXPEDIA, INC., US
[85] 2013-05-28
[86] 2011-11-28 (PCT/US2011/062265)
[87] (WO2012/074939)
[30] US (12/957,334) 2010-11-30

[21] **2,820,633**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] IKEZOE, KEIGO, JP
[72] ICHIKAWA, YASUSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2013-05-22
[86] 2011-11-02 (PCT/JP2011/075297)
[87] (WO2012/070367)
[30] JP (2010-260154) 2010-11-22

[21] **2,820,634**
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) B29C 59/04 (2006.01) C08G 69/26 (2006.01) C08K 5/29 (2006.01) C08L 77/06 (2006.01)**
[25] EN
[54] **POLYAMIDE RESIN FILMS AND PROCESSES FOR MANUFACTURING THEM**
[54] **FILM DE RESINE DE POLYAMIDE ET SON PROCEDE DE FABRICATION**
[72] MITADERA, JUN, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2013-06-06
[86] 2011-11-17 (PCT/JP2011/076502)
[87] (WO2012/077473)
[30] JP (2010-272142) 2010-12-07

[21] **2,820,636**
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01)**
[25] EN
[54] **MEDICINE FEEDER**
[54] **DISPOSITIF D'ALIMENTATION D'UN MEDICAMENT**
[72] OMURA, YOSHIHITO, JP
[72] OHGAYA, SYUNJI, JP
[71] TOSHO, INC., JP
[85] 2013-06-06
[86] 2011-12-09 (PCT/JP2011/078570)
[87] (WO2012/077788)
[30] JP (2010-274197) 2010-12-09

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[21] **2,820,639**
[13] A1

[51] **Int.Cl. A01N 59/26 (2006.01) A01N 31/16 (2006.01) A01N 65/00 (2009.01) A01P 3/00 (2006.01) A23B 7/154 (2006.01) A23B 7/157 (2006.01)**

[25] FR

[54] **NOVEL METHOD FOR THE PRE-OR POST-HARVEST TREATMENT OF PLANT PRODUCTS, USING PHOSPHONIC ACID AND AN ESSENTIAL OIL**

[54] **NOUVEAU PROCEDE DE TRAITEMENT DE PRODUITS VEGETAUX AVANT OU APRES PHOSPHONIQUE ET UNE HUILE ESSENTIELLE**

[72] SARDO, ALBERTO, FR

[71] XEDA INTERNATIONAL, FR

[85] 2013-05-22

[86] 2011-11-24 (PCT/EP2011/070912)

[87] (WO2012/069576)

[30] FR (1059693) 2010-11-24

[21] **2,820,641**
[13] A1

[51] **Int.Cl. G01P 15/00 (2006.01) A42B 3/00 (2006.01) A61B 5/00 (2006.01) A63B 71/10 (2006.01) G01P 15/14 (2013.01)**

[25] EN

[54] **IMPACT SENSING DEVICE AND HELMET INCORPORATING THE SAME**

[54] **DISPOSITIF DE DETECTION D'IMPACT ET CASQUE COMPRENANT CELUI-CI**

[72] EVANS, JEFFREY M., US

[72] CIRCO, CHRISTOPHER W., US

[71] BATTLE SPORTS SCIENCE, LLC, US

[85] 2013-05-23

[86] 2011-11-23 (PCT/US2011/062095)

[87] (WO2012/071539)

[30] US (61/416,416) 2010-11-23

[30] US (61/512,781) 2011-07-28

[21] **2,820,642**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/12 (2006.01) A61K 49/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C12Q 1/02 (2006.01)**

[25] EN

[54] **GALECTIN-9-SECRETING CELL, AND PRODUCTION METHOD AND USE OF THE SAME**

[54] **CELLULE DE SECRETION DE LA GALECTINE-9, SON PROCEDE DE PRODUCTION, ET SON UTILISATION**

[72] HIRASHIMA, MITSUOMI, JP

[72] NIKI, TOSHIRO, JP

[72] ARIKAWA, TOMOHIRO, JP

[72] OOMIZU, SOUICHI, JP

[72] KADOWAKI, TAKESHI, JP

[71] GALPHARMA CO., LTD., JP

[85] 2013-06-06

[86] 2011-12-09 (PCT/JP2011/078623)

[87] (WO2012/077811)

[30] JP (2010-274467) 2010-12-09

[21] **2,820,643**
[13] A1

[51] **Int.Cl. E21F 1/04 (2006.01) B01J 4/00 (2006.01) E21F 1/10 (2006.01) E21F 17/103 (2006.01) E21F 17/12 (2006.01) F23L 3/00 (2006.01)**

[25] EN

[54] **SYSTEM AND APPARATUS FOR CONNECTING A GAS SOURCE TO A THERMAL OXIDISER**

[54] **SYSTEME ET APPAREIL PERMETTANT DE RACCORDER UNE SOURCE DE GAZ A UN DISPOSITIF D'OXYDATION THERMIQUE**

[72] CORK, DAVID JOHN, AU

[71] CORKY'S MANAGEMENT SERVICES PTY LTD, AU

[85] 2013-05-23

[86] 2011-11-24 (PCT/AU2011/001520)

[87] (WO2012/068628)

[30] AU (2010905205) 2010-11-24

[21] **2,820,644**
[13] A1

[51] **Int.Cl. C12P 7/56 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING LACTATE**

[54] **PROCEDE DE PRODUCTION DE LACTATE**

[72] HORIGUCHI, MIYUKI, JP

[72] ITO, MASATERU, JP

[72] MUNEGUMI, TAKESHI, JP

[72] YAMADA, KATSUSHIGE, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2013-06-06

[86] 2011-12-12 (PCT/JP2011/078655)

[87] (WO2012/081533)

[30] JP (2010-277026) 2010-12-13

[21] **2,820,645**
[13] A1

[51] **Int.Cl. E01C 5/00 (2006.01) E01C 11/26 (2006.01)**

[25] EN

[54] **PRE-FABRICATED SIDEWALK BLOCK HAVING A HEATING WIRE**

[54] **BLOC DE TROTTOIR PREFABRIQUE MUNI D'UN FIL CHAUFFANT**

[72] LEE, JUNG-WOOK, KR

[71] LEE, JUNG-WOOK, KR

[85] 2013-06-06

[86] 2011-10-17 (PCT/KR2011/007688)

[87] (WO2012/077904)

[30] KR (10-2010-0126098) 2010-12-10

[21] **2,820,646**
[13] A1

[51] **Int.Cl. G06K 19/073 (2006.01)**

[25] EN

[54] **SCANNER RESISTANT DEVICE FOR RFID CARDS**

[54] **DISPOSITIF RESISTANT AU LECTEUR OPTIQUE POUR CARTES RFID**

[72] COHEN, ERIC, US

[72] LEE, VICTOR, US

[71] COHEN, ERIC, US

[71] LEE, VICTOR, US

[85] 2013-05-23

[86] 2012-05-25 (PCT/US2012/039754)

[87] (WO2013/002930)

[30] US (61/501,755) 2011-06-28

[30] US (61/507,598) 2011-07-14

[30] US (13/217,356) 2011-08-25

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[21] **2,820,647**
[13] A1

[51] **Int.Cl. F04B 35/04 (2006.01)**
[25] EN
[54] **BATTERY OPERATED SOLAR CHARGED PUMP KIT UTILIZING AN INLINE SUBMERSIBLE PUMP**
[54] **EQUIPEMENT DE POMPE CHARGE PAR ENERGIE SOLAIRE, ALIMENTE PAR BATTERIE, A MONTER QUI UTILISE UNE POMPE IMMERGEE EN LIGNE**
[72] IRVING, MICHAEL HOWARD, US
[72] SCHOPPERLE, JEFFREY BRIAN, US
[71] XYLEM IP HOLDINGS LLC, US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/063956)
[87] (WO2012/078879)
[30] US (12/965,383) 2010-12-10

[21] **2,820,648**
[13] A1

[51] **Int.Cl. F04B 39/00 (2006.01) F04B 17/00 (2006.01) F04B 53/00 (2006.01)**
[25] EN
[54] **OFFSET VALVE BORE FOR A RECIPROCATING PUMP**
[54] **ALESAGE DE SOUPAPE DECALE POUR POMPE ALTERNATIVE**
[72] BAYYOUK, JACOB A., US
[72] MANSON, DAVID M., GB
[72] MACKENZIE, DONALD, GB
[72] DAVIES, JOHN BRUCE CLAYFIELD, GB
[71] S.P.M. FLOW CONTROL, INC., US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/063968)
[87] (WO2012/078888)
[30] US (61/421,453) 2010-12-09

[21] **2,820,649**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) C07C 31/08 (2006.01) C10L 1/02 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARING LIQUID FUELS**
[54] **SYSTEME ET PROCEDE DE PREPARATION DE COMBUSTIBLES LIQUIDES**
[72] MCALISTER, ROY EDWARD, US
[71] MCALISTER TECHNOLOGIES, LLC, US
[85] 2013-06-06
[86] 2011-12-08 (PCT/US2011/064034)
[87] (WO2012/128805)
[30] US (61/421,189) 2010-12-08

[21] **2,820,650**
[13] A1

[51] **Int.Cl. A47F 1/10 (2006.01) A47F 7/00 (2006.01)**
[25] EN
[54] **DISPENSING MECHANISM FOR UTENSIL DISPENSER AND RELATED METHODS**
[54] **MECANISME DE DISTRIBUTION POUR DISTRIBUTEUR D'USTENSILES ET PROCEDES ASSOCIES**
[72] WALTERS, RICHARD S., US
[72] LOWERY, MORGAN J., US
[71] DIXIE CONSUMER PRODUCTS LLC, US
[85] 2013-06-06
[86] 2011-12-09 (PCT/US2011/064057)
[87] (WO2012/078938)
[30] US (61/421,998) 2010-12-10

[21] **2,820,651**
[13] A1

[51] **Int.Cl. E05B 47/02 (2006.01) E05B 49/00 (2006.01)**
[25] EN
[54] **ELECTRONIC LOCK WITH POWER FAILURE CONTROL CIRCUIT**
[54] **SERRURE ELECTRONIQUE AVEC CIRCUIT DE COMMANDE EN CAS DE PANNE DE COURANT**
[72] BRYLA, MARK, US
[72] MORSE, STEVE, US
[72] WREN, CHRIS, US
[71] SARGENT MANUFACTURING COMPANY, US
[85] 2013-06-06
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[13] A1

[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/048 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **ANALYSIS OF EEG SIGNALS TO DETECT HYPOGLYCAEMIA**
[54] **ANALYSE DE SIGNAUX D'ELECTROENCEPHALOGRAMME POUR DETECTER UNE HYPOGLYCEMIE**
[72] MADSEN, RASMUS ELSBORG, DK
[72] JENSEN, RASMUS STIG, DK
[71] HYPO-SAFE A/S, DK
[85] 2013-05-23
[86] 2011-11-23 (PCT/EP2011/070843)
[87] (WO2012/069549)
[30] GB (1020086.3) 2010-11-26

[21] **2,820,661**
[13] A1

[51] **Int.Cl. C03C 25/26 (2006.01) D04H 1/4209 (2012.01) D04H 1/4218 (2012.01) D04H 1/587 (2012.01) C09J 11/00 (2006.01) D04H 1/42 (2012.01) D04H 1/58 (2012.01) D04H 1/64 (2012.01) D04H 13/00 (2006.01) D06M 13/10 (2006.01) E04B 1/74 (2006.01)**
[25] FR
[54] **SIZING COMPOSITION FOR FIBERS, IN PARTICULAR INORGANIC FIBERS, INCLUDING A NON-REDUCING SUGAR AND AN INORGANIC-ACID AMMONIUM SALT, AND RESULTING MATERIALS**
[54] **COMPOSITION D'ENCOLLAGE POUR FIBRES, NOTAMMENT MINERALES, COMPRENANT UN SUCRE NON REDUCTEUR ET UN SEL D'AMMONIUM D'ACIDE INORGANIQUE, ET PRODUITS RESULTANTS**
[72] JAFFRENNOU, BORIS, FR
[72] OBERT, EDOUARD, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2013-05-23
[86] 2011-11-29 (PCT/FR2011/052802)
[87] (WO2012/072938)
[30] FR (1059898) 2010-11-30

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[21] **2,820,662**
[13] A1

[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/303 (2006.01) A23L 1/305 (2006.01)**

[25] EN

[54] **STAGED INFANT FEEDING REGIMEN TO PROMOTE HEALTHY DEVELOPMENT AND GROWTH**

[54] **REGIME ALIMENTAIRE MULTIPHASES DESTINE AUX NOURRISSONS ET VISANT A LES GARDER EN BONNE SANTE ET A FAVORISER LEUR CROISSANCE**

[72] WALSH, KELLY R., US

[72] SIMS, KEVIN A., US

[72] SCHADE, DEBORAH, US

[72] WALKER, DONALD CAREY, US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2013-05-30

[86] 2011-11-22 (PCT/US2011/061880)

[87] (WO2012/074844)

[30] US (12/956,639) 2010-11-30

[21] **2,820,663**
[13] A1

[51] **Int.Cl. H01M 8/16 (2006.01) C02F 3/00 (2006.01) C02F 1/46 (2006.01)**

[25] EN

[54] **SPIRALLY WOUND MICROBIAL FUEL CELL**

[54] **PILE A COMBUSTIBLE MICROBIENNE ENROULEE EN SPIRALE**

[72] SHECHTER, RONEN ITZHAK, IL

[72] LEVY, EYTAN BARUCH, IL

[71] EMEFCY LTD., IL

[85] 2013-05-23

[86] 2010-12-14 (PCT/IL2010/001051)

[87] (WO2012/081001)

[21] **2,820,671**
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 51/10 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **TNF-ALPHA. BINDING PROTEINS**

[54] **PROTEINES DE LIAISON AU TNF-ALPHA.**

[72] HSIEH, CHUNG-MING, US

[72] GOODREAU, CARRIE, US

[72] GHAYUR, TARIQ, US

[72] MOELLER, ACHIM, DE

[72] BOSE, SAHANA, US

[71] ABBVIE INC., US

[85] 2013-06-06

[86] 2011-12-08 (PCT/US2011/063955)

[87] (WO2012/078878)

[30] US (61/420,999) 2010-12-08

[21] **2,820,672**
[13] A1

[51] **Int.Cl. F28D 9/02 (2006.01) B21D 53/04 (2006.01) B23K 1/00 (2006.01) F28F 3/02 (2006.01)**

[25] EN

[54] **FABRICATION METHOD FOR MAKING BRAZED HEAT EXCHANGER WITH ENHANCED PARTING SHEETS**

[54] **PROCEDE DE FABRICATION POUR REALISER UN ECHANGEUR DE CHALEUR BRASE A FEUILLES DE SEPARATION AMELIOREES**

[72] GODRY, THOMAS J., US

[71] UOP LLC, US

[85] 2013-06-06

[86] 2011-12-09 (PCT/US2011/064097)

[87] (WO2012/082540)

[30] US (61/423,334) 2010-12-15

[30] US (13/309,246) 2011-12-01

[21] **2,820,674**
[13] A1

[51] **Int.Cl. A61C 7/26 (2006.01) A61C 7/28 (2006.01)**

[25] EN

[54] **ORTHODONTIC GRIPPING DEVICE**

[54] **DISPOSITIF DE PREHENSION ORTHODONTIQUE**

[72] CHESTER, NEIL, CA

[71] STRITE INDUSTRIES LTD., CA

[85] 2013-05-29

[86] 2011-12-07 (PCT/CA2011/001343)

[87] (WO2012/075568)

[30] US (61/457,013) 2010-12-08

[21] **2,820,677**
[13] A1

[51] **Int.Cl. A01K 67/02 (2006.01)**

[25] EN

[54] **ARTIFICIAL INSEMINATION STRAW**

[54] **PAILLETTE POUR INSEMINATION ARTIFICIELLE**

[72] UCHIYAMA, KYOKO, JP

[72] MINATO, YOSHIKI, JP

[71] LIVESTOCK IMPROVEMENT ASSOCIATION OF JAPAN, INC., JP

[85] 2013-05-29

[86] 2011-12-01 (PCT/JP2011/077813)

[87] (WO2012/074060)

[30] JP (2010-268423) 2010-12-01

[21] **2,820,678**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01)**

[25] EN

[54] **SOLVENT COMPOSITION FOR CARBON DIOXIDE RECOVERY**

[54] **COMPOSITION DE SOLVANT POUR LA RECUPERATION DE DIOXYDE DE CARBONE**

[72] BUMB, PRATEEK, IN

[71] CARBON CLEAN SOLUTIONS PVT. LTD., IN

[85] 2013-03-20

[86] 2011-09-16 (PCT/IB2011/054062)

[87] (WO2012/038868)

[30] IN (2238/DEL/2010) 2010-09-20

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[21] **2,820,681**
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) A61K 35/12 (2006.01) A61K 35/14 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **USE OF CHIMERIC ANTIGEN RECEPTOR-MODIFIED T CELLS TO TREAT CANCER**

[54] **UTILISATION DE LYMPHOCYTES T MODIFIES PAR UN RECEPTEUR CHIMERIQUE D'ANTIGENES CHIMERIQUE POUR TRAITER LE CANCER**

[72] JUNE, CARL H., US
[72] LEVINE, BRUCE L., US
[72] PORTER, DAVID L., US
[72] KALOS, MICHAEL D., US
[72] MILONE, MICHAEL C., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2013-06-06
[86] 2011-12-09 (PCT/US2011/064191)
[87] (WO2012/079000)
[30] US (61/421,470) 2010-12-09
[30] US (61/502,649) 2011-06-29

[21] **2,820,683**
[13] A1

[51] **Int.Cl. A47L 15/42 (2006.01)**

[25] EN

[54] **A DISHWASHER COMPRISING A STORAGE TANK**

[54] **LAVE-VAISSELLE COMPRENANT UN RESERVOIR DE STOCKAGE**

[72] ARAS, NASIR EFE, TR
[72] ATABEY, ORHAN, TR
[71] ARCELIK ANONIM SIRKETI, TR

[85] 2013-05-30
[86] 2011-12-06 (PCT/EP2011/071910)
[87] (WO2012/084492)
[30] TR (a 2010/10883) 2010-12-24

[21] **2,820,684**
[13] A1

[51] **Int.Cl. G01K 13/00 (2006.01)**

[25] EN

[54] **COMPUTER CONTROLLED AND MONITORED MEDICAL STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE MEDICAL CONTROLE ET SUIVI PAR ORDINATEUR**

[72] PAYDAR, AKBAR, US
[72] KIM, STANLEY, US
[72] CHAI, ANDREW, US
[71] OMNICELL, INC., US

[85] 2013-06-03
[86] 2011-12-06 (PCT/US2011/063505)
[87] (WO2012/078611)
[30] US (61/420,262) 2010-12-06

[21] **2,820,686**
[13] A1

[51] **Int.Cl. A01C 1/00 (2006.01) B07C 5/34 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR COMBINING, PACKAGING, AND SEPARATING BLENDED SEED PRODUCT**

[54] **SYSTEME ET PROCEDE POUR COMBINER, EMBALLER ET SEPARER UN PRODUIT DE SEMENCES MELANGEES**

[72] BAHR, JOHN ROBERT, US
[72] BASZCZYNSKI, CHRISTOPHER L., US
[72] BELZER, WILLIAM A., US
[72] BOCKHAUS, THOMAS RICHARD, US
[72] DAVIS, PAULA M., US
[72] GARNER, TERRY LEE, US
[72] HIGGINS, LAURA S., US
[72] NEHMER, GARY SPRAGUE, US
[72] VLACH, GERALD ALLEN, US
[71] PIONEER HI-BRED INTERNATIONAL., INC., US

[85] 2013-06-04
[86] 2011-12-06 (PCT/US2011/063396)
[87] (WO2012/078555)
[30] US (61/420,095) 2010-12-06

[21] **2,820,688**
[13] A1

[51] **Int.Cl. A61H 3/02 (2006.01)**

[25] EN

[54] **ADJUSTABLE ELBOW CRUTCH WITH A CURVED ARM AND OVAL CROSS-SECTION**

[54] **BEQUILLE D'AVANT-BRAS REGLABLE A BRAS INCURVE ET SECTION OVALE**

[72] VIDAL RODRIGUEZ, RAFEL, ES
[72] BERDUN BARBERO, DANIEL, ES
[72] CAPPIELLO RODRIGUEZ, MIGUEL, ES
[71] VIDCAPP ITHEF S.L., ES

[85] 2013-05-14
[86] 2010-12-01 (PCT/ES2010/070793)
[87] (WO2012/072833)

[21] **2,820,689**
[13] A1

[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/30 (2006.01)**

[25] EN

[54] **IMPROVED NUTRITIONAL COMPOSITION, ESPECIALLY FOR INFANTS, WITH PARTICULAR FAT PARTICLES**

[54] **COMPOSITION NUTRITIONNELLE AMELIOREE, SPECIALEMENT POUR LES BEBES, CONTENANT DES PARTICULES DE GRAISSE PARTICULIERES**

[72] ERDMANN, PETER, CH
[72] BRUGGER, JUAN CARLOS, BR
[72] FANKHAUSER, PETER, CH
[72] SINGTOKAEW, SIRIPOP, TH
[71] NESTEC S.A., CH

[85] 2013-05-30
[86] 2011-12-13 (PCT/EP2011/072525)
[87] (WO2012/080205)
[30] EP (10195137.4) 2010-12-15

[21] **2,820,691**
[13] A1

[51] **Int.Cl. G01N 33/487 (2006.01) G01N 27/327 (2006.01)**

[25] EN

[54] **TEST TAPE DEVICE**

[54] **DISPOSITIF A RUBAN DE TEST**

[72] WANG, WEN TSUNG, TW
[72] LIN, HAO-CHIH, TW
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2013-05-30
[86] 2011-12-15 (PCT/EP2011/072864)
[87] (WO2012/080384)
[30] EP (10195384.2) 2010-12-16

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[21] **2,820,694**
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/4172 (2006.01) A61K 31/728 (2006.01)**
[25] EN
[54] **CARNOSINE - HYALURONIC ACID MIXTURES AND THEIR USE**
[54] **NOUVEAU COMPOSE DE CARNOSINE**
[72] DE PAOLI AMBROSI, GIANFRANCO, IT
[71] DE PAOLI AMBROSI, GIANFRANCO, IT
[85] 2013-06-06
[86] 2011-12-06 (PCT/IB2011/002946)
[87] (WO2012/076961)
[30] IT (BS2010A000197) 2010-12-06

[21] **2,820,700**
[13] A1

[51] **Int.Cl. C22B 11/00 (2006.01) C22B 3/12 (2006.01) C22B 3/22 (2006.01) C22B 3/24 (2006.01) C22B 3/42 (2006.01)**
[25] EN
[54] **CO-CURRENT AND COUNTER CURRENT RESIN-IN-LEACH IN GOLD LEACHING PROCESSES**
[54] **RESINE EN LIXIVIATION A CO-COURANT ET A CONTRE-COURANT DANS DES PROCEDES DE LIXIVIATION D'OR**
[72] CHOI, YEONUK, CA
[72] CHEFAI, SAMIR, CA
[71] BARRICK GOLD CORPORATION, CA
[85] 2013-05-30
[86] 2011-12-07 (PCT/IB2011/003096)
[87] (WO2012/076981)
[30] US (61/420,596) 2010-12-07

[21] **2,820,701**
[13] A1

[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **HAND-HELD SELF-PROVISIONED PIN PED COMMUNICATOR**
[54] **COMMUNICATEUR PED A NIP PORTATIF ET AUTO-APPROVISIONNE**
[72] MAGES, KENNETH G., US
[72] BENSON, KEITH, US
[72] MORGAN, ALAN J., US
[71] MAGES, KENNETH G., US
[71] BENSON, KEITH, US
[71] MORGAN, ALAN J., US
[85] 2013-06-06
[86] 2011-12-09 (PCT/US2011/064173)
[87] (WO2012/078990)
[30] US (61/421,331) 2010-12-09

[21] **2,820,706**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01)**
[25] EN
[54] **OPTIMIZED EXPRESSION OF GLYPHOSATE RESISTANCE ENCODING NUCLEIC ACID MOLECULES IN PLANT CELLS**
[54] **EXPRESSION OPTIMISEE DE MOLECULES D'ACIDE NUCLEIQUE CODANT POUR LA RESISTANCE AU GLYPHOSATE DANS CELLULES VEGETALES**
[72] HELD, BRUCE, US
[72] SEKAR, VAITHILINGAM, US
[72] WRIGHT, TERRY, US
[72] RUSSELL, SEAN, US
[71] MS TECHNOLOGIES, LLC, US
[85] 2013-05-29
[86] 2011-11-23 (PCT/US2011/062014)
[87] (WO2012/074868)
[30] US (61/419,704) 2010-12-03

[21] **2,820,707**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM, METHOD, AND COMPUTER-READABLE PROGRAM FOR REAL-TIME MONITORING OF ACTIVITY**
[54] **SYSTEME, PROCEDE ET PROGRAMME LISIBLE PAR ORDINATEUR POUR LA GESTION D'ACTIVITE EN TEMPS REEL**
[72] CIANCIO-BUNCH, MICHAEL, US
[72] SCOTT, STEVE T., US
[71] EXACTTARGET, INC., US
[85] 2013-06-06
[86] 2011-12-09 (PCT/US2011/064259)
[87] (WO2012/079033)
[30] US (61/421,497) 2010-12-09

[21] **2,820,708**
[13] A1

[51] **Int.Cl. B01J 31/22 (2006.01) B01J 20/22 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) B01J 35/00 (2006.01) B01J 37/03 (2006.01) B01J 37/10 (2006.01)**
[25] FR
[54] **NOVEL IM-21 ORGANIC-INORGANIC HYBRID SOLID AND PROCESS FOR PREPARING SAME**
[54] **NOUVEAU SOLIDE HYBRIDE ORGANIQUE-INORGANIQUE IM-21 ET SON PROCEDE DE PREPARATION**
[72] PERALTA, DAVID, FR
[72] BARTHELET, KARIN, FR
[72] PIRNGRUBER, GERHARD, FR
[72] CHAPLAIS, GERARLD, FR
[72] SIMON-MASSERON, ANGELIQUE, FR
[72] PATARIN, JOEL, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE HAUTE ALSACE, FR
[85] 2013-05-24
[86] 2011-11-23 (PCT/FR2011/000616)
[87] (WO2012/069714)
[30] FR (10/04605) 2010-11-26

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[21] **2,820,711**
[13] A1

[51] **Int.Cl. B66B 5/00 (2006.01)**
[25] EN
[54] **ELEVATOR SYSTEM HAVING A SOUND RECEIVER FOR CAPTURING SOLID-BORNE SOUND**
[54] **INSTALLATION D'ASCENSEUR POURVUE D'UN CAPTEUR ACOUSTIQUE POUR DETECTER DES BRUITS DE STRUCTURE**
[72] WEINBERGER, KARL, CH
[71] INVENTIO AG, CH
[85] 2013-06-06
[86] 2011-11-22 (PCT/EP2011/070662)
[87] (WO2012/076329)
[30] EP (10194033.6) 2010-12-07

[21] **2,820,714**
[13] A1

[51] **Int.Cl. C10M 145/14 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITION**
[54] **COMPOSITION D'HUILE LUBRIFIANTE**
[72] ONUMATA, YASUSHI, JP
[72] ABE, NORIKO, JP
[71] JK NIPPON OIL & ENERGY CORPORATION, JP
[85] 2013-06-06
[86] 2011-09-13 (PCT/JP2011/070813)
[87] (WO2012/132054)
[30] JP (2011-068069) 2011-03-25

[21] **2,820,716**
[13] A1

[51] **Int.Cl. F16G 11/04 (2006.01) F16G 11/10 (2006.01)**
[25] EN
[54] **CLAMPING ASSEMBLY**
[54] **ENSEMBLE DE SERRAGE**
[72] SOMERFIELD, ALAN, GB
[72] GIEMZA, LEE MARK, GB
[71] GRIPPLE LIMITED, GB
[85] 2013-06-06
[86] 2012-01-20 (PCT/GB2012/000047)
[87] (WO2012/101396)
[30] GB (1101283.8) 2011-01-26
[30] GB (1110126.8) 2011-06-16
[30] GB (1200681.3) 2012-01-17

[21] **2,820,719**
[13] A1

[51] **Int.Cl. F02M 43/04 (2006.01) F02M 53/04 (2006.01) F02M 57/06 (2006.01) F02M 61/16 (2006.01)**
[25] EN
[54] **INTEGRATED FUEL INJECTOR IGNITERS CONFIGURED TO INJECT MULTIPLE FUELS AND/OR COOLANTS AND ASSOCIATED METHODS OF USE AND MANUFACTURE**
[54] **ALLUMEURS INTEGRES A DES INJECTEURS DE CARBURANT CONCUS POUR L'INJECTION DE CARBURANTS ET/OU AGENTS DE REFROIDISSEMENT MULTIPLES, ET PROCEDES ASSOCIES D'UTILISATION ET DE FABRICATION**
[72] MCALISTER, ROY E., US
[71] MCALISTER TECHNOLOGIES, LLC, US
[85] 2013-06-06
[86] 2010-12-06 (PCT/US2010/059147)
[87] (WO2012/078133)

[21] **2,820,720**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 9/32 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **SHARED TERMINAL IDENTIFICATION SYSTEM USING A NETWORK PACKET AND PROCESSING METHOD THEREOF**
[54] **SYSTEME D'IDENTIFICATION DE TERMINAUX PARTAGES UTILISANT UN PAQUET DE RESEAU ET SON PROCEDE DE TRAITEMENT**
[72] KONG, KYOUNG-PIL, KR
[72] LEE, YUN-SEOK, KR
[72] JEON, SUN MIN, KR
[71] PLUSTECH INC., KR
[85] 2013-06-06
[86] 2011-12-05 (PCT/KR2011/009351)
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[21] **2,820,721**
[13] A1

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[25] EN
[54] **METHODS FOR FORMING MINIEMULSIONS AND USE THEREOF FOR DELIVERING BIOACTIVE AGENTS**
[54] **PROCEDES DE FORMATION DE MINIEMULSIONS ET UTILISATION ASSOCIEE POUR L'ADMINISTRATION D'AGENTS BIOACTIFS**
[72] CHIRAGKUMAR, DESAI, AU
[71] NS TECHNOLOGIES PTY LTD, AU
[85] 2013-06-07
[86] 2011-12-09 (PCT/AU2011/001589)
[87] (WO2012/075534)
[30] AU (2010905441) 2010-12-10

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[13] A1

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[25] EN
[54] **A VISIBLE LIGHT AND IR HYBRID DIGITAL CAMERA**
[54] **CAMERA NUMERIQUE HYBRIDE A LUMIERE VISIBLE ET A INFRAROUGES**
[72] BAKSHT, PINCHAS, IL
[71] ZAMIR RECOGNITION SYSTEMS LTD., IL
[85] 2013-05-27
[86] 2011-12-21 (PCT/IB2011/055855)
[87] (WO2012/085863)
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[13] A1

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[25] EN
[54] **CONTAINER PANEL IMPROVEMENTS**
[54] **AMELIORATIONS APPORTEES A UN PANNEAU DE RECIPIENT**
[72] REES, MICHAEL, AU
[72] SHARKEY, IAN, AU
[72] REIMERS, MATTHEW, AU
[71] REES OPERATIONS PTY LTD, AU
[85] 2013-06-07
[86] 2011-12-08 (PCT/AU2011/001592)
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[30] AU (2010905404) 2010-12-08
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR AUTOMATIC QUALITY CONTROL USING A PLURALITY OF COMPUTERS**
[54] **PROCEDE, SYSTEME ET APPAREIL DE CONTROLE QUALITE AUTOMATIQUE UTILISANT UNE PLURALITE D'ORDINATEURS**
[72] KIRBY, SEAN SEBASTIAN, CA
[72] STOVER, EMILY AUBAN, CA
[72] THAM, JASON DEAN, CA
[72] WONG, KEVIN NELSON, CA
[71] NULOGY CORPORATION, CA
[85] 2013-06-07
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[13] A1

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[25] EN
[54] **MICROSPORE TRANSFORMATION METHODOLOGY BY MACROINJECTION**
[54] **TECHNIQUE DE TRANSFORMATION DE MICROSPORES PAR MACRO-INJECTION**
[72] BHOWMIK, PANKAJ K., CA
[72] DIRPAUL, JOAN, CA
[72] FERRIE, ALISON M. R., CA
[72] POLOWICK, PATRICIA L., CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2013-06-07
[86] 2011-12-07 (PCT/CA2011/001326)
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[30] US (61/420,900) 2010-12-08

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[13] A1

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[25] EN
[54] **FLUID ACTIVATING APPARATUS**
[54] **APPAREIL D'ACTIVATION DE FLUIDE**
[72] LEE, HEUK GYU, KR
[71] LEE, HEUK GYU, KR
[85] 2013-06-06
[86] 2011-12-12 (PCT/KR2011/009549)
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[13] A1

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[25] EN
[54] **PORTABLE ELECTRONIC DEVICE WITH SEMI-TRANSPARENT, LAYERED WINDOWS**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE A FENETRES MULTICOUCHES SEMI-TRANSPARENTES**
[72] MARTIN-COCHER, GAELLE CHRISTINE, CA
[72] SCOTT, SHERRYLL LEE LORRAINE, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-06-07
[86] 2011-11-16 (PCT/CA2011/001266)
[87] (WO2012/083416)
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[13] A1

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[25] EN
[54] **METHOD TO PRODUCE GOLDEN BRONZE BY DIFFUSION OF TIN INTO COPPER UNDER CONTROLLED CONDITIONS**
[54] **PROCEDE DE PRODUCTION DE BRONZE DORE PAR DIFFUSION D'ETAIN DANS DU CUIVRE DANS DES CONDITIONS CONTROLEES**
[72] NGUYEN, TOAN DINH, CA
[72] TRUONG, HIEU CONG, CA
[71] ROYAL CANADIAN MINT, CA
[85] 2013-06-07
[86] 2011-12-09 (PCT/CA2011/001351)
[87] (WO2012/075572)
[30] US (61/421,726) 2010-12-10

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[13] A1

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[25] EN
[54] **COMPOSITIONS COMPRISING A PI3K INHIBITOR AND A MEK INHIBITOR AND THEIR USE FOR TREATING CANCER**
[54] **COMPOSITIONS COMPRENANT UN INHIBITEUR DE PI3K ET UN INHIBITEUR DE MEK ET LEUR UTILISATION POUR LE TRAITEMENT DU CANCER**
[72] DEBUSSCHE, LAURENT, FR
[72] GARCIA-ESCHEVERRIA, CARLOS, FR
[72] MA, JIANGUO, DE
[72] MCMILLAN, STUART, DE
[72] OGDEN, JANET ANNE MEURER, DE
[72] VINCENT, LOIC, FR
[71] SANOFI, FR
[71] MERCK PATENT GMBH, DE
[85] 2013-06-05
[86] 2011-12-08 (PCT/US2011/063871)
[87] (WO2012/078832)
[30] US (61/421,465) 2010-12-09
[30] US (61/436,258) 2011-01-26
[30] US (61/467,485) 2011-03-25
[30] FR (1159940) 2011-11-03

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[25] EN
[54] **BARLEY PROTEIN MICROCAPSULES**
[54] **MICROCAPSULES DE PROTEINES D'ORGE**
[72] CHEN, LINGYUN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2013-06-07
[86] 2011-12-12 (PCT/CA2011/001355)
[87] (WO2012/075575)
[30] US (61/421,936) 2010-12-10

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[13] A1

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[25] EN
[54] **APTAMER LABELLED WITH F-19 NUCLEUS FOR TARGETED MOLECULAR IMAGING BY MRI**
[54] **APTAMERE MARQUE PAR UN NOYAU F19 POUR UNE IMAGERIE MOLECULAIRE CIBLEE PAR IRM**
[72] GUENTHER, RALF, DE
[72] HOCK, BJOERN, DE
[72] GOODMAN, SIMON, DE
[72] PIATER, BIRGIT, DE
[71] MERCK PATEN GMBH, DE
[85] 2013-06-07
[86] 2011-12-12 (PCT/EP2011/006255)
[87] (WO2012/076191)
[30] EP (10015498.8) 2010-12-10

[21] **2,820,758**
[13] A1

[51] **Int.Cl. G06F 11/28 (2006.01)**
[25] EN
[54] **INTELLIGENT CODE DIFFERENCING USING CODE CLONE DETECTION**
[54] **DIFFERENCIATION DE CODE INTELLIGENTE A L'AIDE D'UNE DETECTION DE CLONE DE CODE**
[72] LIU, WEIPENG, CN
[72] CHENG, GONG, CN
[72] KHAN, SADI, US
[72] GE, SONG, CN
[72] ZHANG, DONGMEI, US
[72] DANG, YINGNONG, CN
[71] MICROSOFT CORPORATION, US
[85] 2013-06-07
[86] 2010-12-15 (PCT/CN2010/079801)
[87] (WO2012/079230)

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[13] A1

[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **HEARING AID AND A METHOD OF IMPROVED AUDIO REPRODUCTION**
[54] **PROTHESE AUDITIVE ET PROCEDE POUR AMELIORER LA REPRODUCTION DE DONNEES AUDIO**
[72] CEDERBERG, JORGEN, DK
[72] ANDERSEN, HENNING HAUGAARD, DK
[72] MEINCKE, METTE DAHL, DK
[72] NIELSEN, ANDREAS BRINCH, DK
[71] WIDEX A/S, DK
[85] 2013-06-07
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[21] **2,820,763**
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[51] **Int.Cl. C07D 207/46 (2006.01) A61K 31/40 (2006.01) A61K 31/4427 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4468 (2006.01) A61K 31/55 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 39/00 (2006.01) C07D 211/94 (2006.01) C07D 223/12 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL NITROXIDE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE NITROXYDE MULTIFONCTIONNELS ET LEURS UTILISATIONS**
[72] JAGTAP, PRAKASH, US
[72] SALZMAN, ANDREW LURIE, US
[71] RADIKAL THERAPEUTICS INC., US
[85] 2013-06-07
[86] 2011-12-08 (PCT/IL2011/000931)
[87] (WO2012/077108)
[30] US (61/421,382) 2010-12-09

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[13] A1

[51] **Int.Cl. H01B 3/18 (2006.01) H01B 3/20 (2006.01) H01B 13/14 (2006.01)**
[25] EN
[54] **CONTINUOUS PROCESS FOR MANUFACTURING A HIGH VOLTAGE POWER CABLE**
[54] **PROCEDE EN CONTINU POUR LA FABRICATION D'UN CABLE DE PUISSANCE HAUTE TENSION**
[72] POZZATI, GIOVANNI, IT
[72] BAREGGI, ALBERTO, IT
[72] CRISCI, VINCENZO, IT
[71] PRYSMIAN S.P.A., IT
[85] 2013-06-07
[86] 2010-12-23 (PCT/EP2010/070677)
[87] (WO2012/084055)

[21] **2,820,772**
[13] A1

[51] **Int.Cl. B61L 11/08 (2006.01) B61L 13/04 (2006.01) B61L 15/00 (2006.01) B61L 23/26 (2006.01)**
[25] FR
[54] **METHOD FOR COMMUNICATING INFORMATION BETWEEN AN ON-BOARD CONTROL UNIT AND A PUBLIC TRANSPORT NETWORK**
[54] **METHODE DE COMMUNICATION D'INFORMATION ENTRE UNE UNITE DE CONTROLE EMBARQUEE ET UN RESEAU DE TRANSPORTS PUBLICS**
[72] EL FASSI, SAID, FR
[71] SIEMENS S.A.S., FR
[85] 2013-06-07
[86] 2011-09-15 (PCT/EP2011/066040)
[87] (WO2012/076206)
[30] EP (10290643.5) 2010-12-09

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[13] A1

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[54] **FLAVOUR MODULATION BY BIO-PROCESSING USING FLAVOUR FORMING BACTERIA STRAINS**

[54] **MODULATION DE SAVEUR PAR TRAITEMENT BIOLOGIQUE AU MOYEN DE SOUCHES DE BACTERIES FORMANT DES SAVEURS**

[72] BRAUN, MARCEL, CH
[71] NESTEC S.A., CH
[85] 2013-06-07
[86] 2011-12-20 (PCT/EP2011/073489)
[87] (WO2012/085009)
[30] EP (10195845.2) 2010-12-20

[21] **2,820,775**
[13] A1

[51] **Int.Cl. A61F 2/06 (2013.01)**

[25] EN

[54] **ENDOLUMINAL DRUG APPLICATOR AND METHOD OF TREATING DISEASED VESSELS OF THE BODY**

[54] **APPLICATEUR DE MEDICAMENT ENDOLUMINAL ET METHODE DE TRAITEMENT DE VAISSEAUX ENDOMMAGES DU CORPS**

[72] PINCHUK, LEONARD, US
[71] INNOVIA LLC, US
[85] 2013-07-05
[86] 2012-01-13 (PCT/US2012/021299)
[87] (WO2012/097287)
[30] US (61/432,452) 2011-01-13

[21] **2,820,776**
[13] A1

[51] **Int.Cl. C08G 63/06 (2006.01) C08K 5/10 (2006.01) C08L 21/00 (2006.01) C08L 67/04 (2006.01)**

[25] EN

[54] **COMPLEX OLIGOMERIC STRUCTURES**

[54] **STRUCTURES OLIGOMERES COMPLEXES**

[72] BASTIOLI, CATIA, IT
[72] CAPUZZI, LUIGI, IT
[72] MAGISTRALI, PAOLO, IT
[72] GESTI' GARCIA, SEBASTIA, IT
[71] NOVAMONT S.P.A., IT
[85] 2013-06-07
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[87] (WO2012/085012)
[30] IT (MI2010A002324) 2010-12-20

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[13] A1

[51] **Int.Cl. C08K 5/103 (2006.01) C08K 3/36 (2006.01) C08K 5/11 (2006.01) C08K 13/02 (2006.01)**

[25] EN

[54] **VEGETABLE OIL DERIVATIVES AS EXTENDER OILS FOR ELASTOMER COMPOSITIONS**

[54] **DERIVES D'HUILE VEGETALE COMME HUILES D'ALLONGEMENT POUR DES COMPOSITIONS ELASTOMERES**

[72] BASTIOLI, CATIA, IT
[72] CAPUZZI, LUIGI, IT
[72] MAGISTRALI, PAOLO, IT
[72] GESTI' GARCIA, SEBASTIA, IT
[72] VIOLA, GIAN TOMMASO, IT
[72] SAVINI, GIUSEPPE, IT
[72] BACCHELLI, FABIO, IT
[71] NOVAMONT S.P.A., IT
[85] 2013-06-07
[86] 2011-12-20 (PCT/EP2011/073494)
[87] (WO2012/085014)
[30] IT (MI2010A002325) 2010-12-20

[21] **2,820,779**
[13] A1

[51] **Int.Cl. C08F 220/34 (2006.01) C04B 24/26 (2006.01) C08F 220/60 (2006.01) C08F 226/04 (2006.01)**

[25] EN

[54] **ADDITIVE FOR CONSTRUCTION MATERIAL MIXTURES COMPRISING FLOW AGENTS**

[54] **ADDITIF POUR MELANGES POUR MATERIAUX DE CONSTRUCTION CONTENANT DES FLUIDIFIANTS**

[72] SCHINABECK, MICHAEL, DE
[72] DIERSCHKE, FRANK, DE
[72] BICHLER, MANFRED, DE
[72] FLAKUS, SILKE, DE
[72] FRIEDRICH, STEFAN, DE
[71] BASF CONSTRUCTION POLYMERS GMBH, DE
[85] 2013-06-07
[86] 2011-11-29 (PCT/EP2011/071276)
[87] (WO2012/076365)
[30] EP (10194368.6) 2010-12-09

[21] **2,820,781**
[13] A1

[51] **Int.Cl. C07K 14/475 (2006.01) A61K 38/18 (2006.01)**

[25] EN

[54] **ROBO1-FC FUSION PROTEIN FOR USE IN THE TREATMENT OF HEPATOCARCINOMA**

[54] **PROTEINE HYBRIDES ROBO1-FC A UTILISER DANS TRAITEMENT D'HEPATOCARCINOMES**

[72] DOL-GLEIZES, FREDERIQUE, FR
[72] GUEGUEN-DORBES, GENEVIEVE, FR
[71] SANOFI, FR
[85] 2013-06-07
[86] 2011-12-22 (PCT/EP2011/073739)
[87] (WO2012/085178)
[30] FR (1061163) 2010-12-23
[30] EP (11306336.6) 2011-10-14

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[51] **Int.Cl. C12N 15/115 (2010.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BISPECIFIC APTAMERS MEDIATING TUMOUR CELL LYSIS**
[54] **LYSES DE CELLULES TUMORALES A MEDIATION PAR DES APTAMERES BISPECIFIQUES**
[72] TOLEIKIS, LARS, DE
[72] GUENTHER, RALF, DE
[72] HOCK, BJOERN, DE
[72] BOLTZ, ACHIM, DE
[71] MERCK PATENT GMBH, DE
[85] 2013-06-07
[86] 2011-12-12 (PCT/EP2011/006254)
[87] (WO2012/076190)
[30] EP (10015522.5) 2010-12-10

[21] **2,820,784**
[13] A1

[51] **Int.Cl. B63B 23/32 (2006.01)**
[25] EN
[54] **SYSTEM FOR LAUNCHING AND RECOVERING UNDERWATER VEHICLES, NOTABLY TOWED UNDERWATER VEHICLES**
[54] **SYSTEME DE MISE A L'EAU ET DE RECUPERATION D'ENGINS SOUS-MARINS, NOTAMMENT D'ENGINS SOUS-MARINS TRACTES**
[72] SOREAU, DIDIER, FR
[72] JEZEQUEL, OLIVIER, FR
[72] JOURDAN, MICHAEL, FR
[71] THALES, FR
[85] 2013-06-07
[86] 2011-12-06 (PCT/EP2011/071895)
[87] (WO2012/076515)
[30] FR (FR1004764) 2010-12-07

[21] **2,820,786**
[13] A1

[51] **Int.Cl. C08G 18/00 (2006.01) C08L 63/00 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **EPOXY RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE EPOXY**
[72] DEBIEN, CHRISTIAAN, BE
[72] ESBELIN, CHRISTIAN, BE
[72] VERBEKE, HANS GODELIEVE GUIDO, BE
[72] VERBEKE, HUGO, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2013-06-07
[86] 2011-11-07 (PCT/EP2011/069562)
[87] (WO2012/103965)
[30] EP (11152720.6) 2011-01-31

[21] **2,820,789**
[13] A1

[51] **Int.Cl. A47K 10/48 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR DRYING AND SANITIZING HANDS**
[54] **APPAREIL DE SECHAGE ET DE DESINFECTION DES MAINS**
[72] GRAYDON, BRIAN, IE
[71] GRAYDON, BRIAN, IE
[85] 2013-06-07
[86] 2011-12-06 (PCT/EP2011/071905)
[87] (WO2012/076521)
[30] IE (S2010/0768) 2010-12-07

[21] **2,820,790**
[13] A1

[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/035 (2006.01) A23L 1/30 (2006.01) A61K 31/202 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR NUTRIENT DELIVERY**
[54] **COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION DE NUTRIMENT**
[72] ALVEY, JOHN D., US
[72] BERSETH, CAROL LYNN, US
[72] SCHADE, DEBORAH, US
[72] MORRIS, KRISTIN, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2013-06-07
[86] 2011-11-22 (PCT/US2011/061881)
[87] (WO2012/078358)
[30] US (12/963,762) 2010-12-09

[21] **2,820,791**
[13] A1

[51] **Int.Cl. H01H 9/44 (2006.01) H01H 1/20 (2006.01) H01H 9/34 (2006.01)**
[25] EN
[54] **SWITCH WITH QUENCHING CHAMBER**
[54] **INTERRUPTEUR A CHAMBRE D'EXTINCTION**
[72] LANG, VOLKER, DE
[72] FRIEDRICHSEN, LUTZ, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
[85] 2013-06-07
[86] 2011-12-07 (PCT/EP2011/072094)
[87] (WO2012/076604)
[30] EP (10194011.2) 2010-12-07

[21] **2,820,792**
[13] A1

[51] **Int.Cl. B44C 5/04 (2006.01)**
[25] EN
[54] **A METHOD OF MANUFACTURING A PANEL INCLUDING A WEAR RESISTANT LAYER, AND A PANEL**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU COMPRENANT UNE COUCHE RESISTANTE A L'USURE ET PANNEAU**
[72] VERMEULEN, BRUNO PAUL LOUIS, BE
[71] SPANOLUX N.V.-DIV. BALTERIO, BE
[85] 2013-06-07
[86] 2011-12-07 (PCT/EP2011/072104)
[87] (WO2012/076608)
[30] EP (10194185.4) 2010-12-08

[21] **2,820,793**
[13] A1

[51] **Int.Cl. B05D 3/02 (2006.01) G03F 7/20 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING PRINT PERFORMANCE IN FLEXOGRAPHIC PRINTING PLATES**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES D'IMPRESSION DANS DES PLAQUES FLEXOGRAPHIQUES**
[72] BRYANT, LAURIE A., US
[71] MACDERMID PRINTING SOLUTIONS, LLC, US
[85] 2013-06-07
[86] 2011-11-23 (PCT/US2011/061999)
[87] (WO2012/094068)
[30] US (12/984,699) 2011-01-05

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[13] A1

[51] **Int.Cl. A61N 1/00 (2006.01)**

[25] EN

[54] **DIRECT MEMORY ACCESS
(DMA) CONTROLLED
STIMULATION**

[54] **STIMULATION CONTROLEE PAR
ACCES DIRECT EN MEMOIRE
(DMA)**

[72] SHERMAN, NEIL S., US

[71] SPINAL MODULATION, INC., US

[85] 2013-06-07

[86] 2011-12-02 (PCT/US2011/063115)

[87] (WO2012/082408)

[30] US (61/423,995) 2010-12-16

[30] US (13/023,470) 2011-02-08

[21] **2,820,796**

[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS
FOR VACCINATING CATTLE**

[54] **COMPOSITIONS ET PROCEDES
DE VACCINATION DU BETAIL**

[72] RINEHART, CAROL, US

[71] BOEHRINGER INGELHEIM

VETMEDICA, INC., US

[85] 2013-06-07

[86] 2011-12-05 (PCT/US2011/063219)

[87] (WO2012/078484)

[30] US (61/421,622) 2010-12-09

[21] **2,820,799**

[13] A1

[51] **Int.Cl. F16L 55/16 (2006.01) B65D
69/00 (2006.01)**

[25] EN

[54] **HYDROPHILIC END SEAL**

[54] **JOINT DE SCELLEMENT
D'EXTREMITE HYDROPHILE**

[72] KIEST, LARRY W., US

[71] LMK TECHNOLOGIES, LLC, US

[85] 2013-06-07

[86] 2011-12-06 (PCT/US2011/063387)

[87] (WO2012/078547)

[30] US (12/962,276) 2010-12-07

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[21] 2,792,603 [13] A1	[21] 2,817,631 [13] A1	[21] 2,819,455 [13] A1
<p>[51] Int.Cl. F01N 13/08 (2010.01) F01N 13/10 (2010.01)</p> <p>[25] EN</p> <p>[54] EXHAUST SCAVENGING SYSTEM</p> <p>[54] SYSTEME DE RECUPERATION DES GAZ D'ECHAPPEMENT</p> <p>[72] BANKS, GALE C., III, US</p> <p>[71] BANKS, GALE C., III, US</p> <p>[22] 2012-10-19</p> <p>[41] 2013-04-20</p> <p>[30] US (13/278,059) 2011-10-20</p>	<p>[51] Int.Cl. G01B 9/02 (2006.01) H04B 10/071 (2013.01) G01M 11/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPENSATING FOR TIME VARYING PHASE CHANGES IN INTERFEROMETRIC MEASUREMENTS</p> <p>[54] COMPENSATION EN FONCTION DE DEPHASAGES VARIABLES DANS LE TEMPS DANS LES MESURES INTERFEROMETRIQUES</p> <p>[72] FROGGATT, MARK, US</p> <p>[72] GIFFORD, DAWN K., US</p> <p>[71] LUNA INNOVATIONS INC., US</p> <p>[22] 2005-12-13</p> <p>[41] 2006-06-29</p> <p>[62] 2,590,790</p> <p>[30] US (60/635,440) 2004-12-14</p> <p>[30] US (60/659,866) 2005-03-10</p>	<p>[51] Int.Cl. A61F 9/007 (2006.01) A61F 9/009 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS FOR COUPLING AN ELEMENT TO THE EYE</p> <p>[54] APPAREIL DESTINE AU COUPLAGE D'UN ELEMENT A L'OEIL</p> <p>[72] MROCHEN, MICHAEL, CH</p> <p>[72] BUELER, MICHAEL, CH</p> <p>[72] DONITZKY, CHRISTOF, CH</p> <p>[72] WULLNER, CHRISTIAN, CH</p> <p>[71] WAVELIGHT AG, DE</p> <p>[22] 2008-03-13</p> <p>[41] 2008-09-18</p> <p>[62] 2,680,072</p> <p>[30] EP (07005280.8) 2007-03-14</p>
[21] 2,801,450 [13] A1	[21] 2,817,934 [13] A1	[21] 2,819,456 [13] A1
<p>[51] Int.Cl. A01K 1/00 (2006.01) E04H 1/12 (2006.01)</p> <p>[25] EN</p> <p>[54] DYNAMIC KENNEL SYSTEMS AND METHODS</p> <p>[54] SYSTEMES ET PROCEDES POUR CHENIL DYNAMIQUE</p> <p>[72] GANAHL, HEIDI ANN, US</p> <p>[71] CAMP BOW WOW DISTRIBUTION LLC, US</p> <p>[22] 2013-01-07</p> <p>[41] 2013-07-05</p> <p>[30] US (61/583,439) 2012-01-05</p> <p>[30] US (61/702,557) 2012-09-18</p>	<p>[51] Int.Cl. G05F 1/12 (2006.01) A61M 1/12 (2006.01) H02J 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TRANSMISSION OF INFORMATION FROM AN IMPLANTED MEDICAL DEVICE</p> <p>[54] TRANSMISSION D'INFORMATIONS A PARTIR D'UN DISPOSITIF MEDICAL IMPLANTE</p> <p>[72] DOLGIN, ALEXANDER, US</p> <p>[71] THORATEC CORPORATION, US</p> <p>[22] 2003-08-19</p> <p>[41] 2004-03-04</p> <p>[62] 2,495,819</p> <p>[30] US (10/224,118) 2002-08-20</p>	<p>[51] Int.Cl. D21B 1/02 (2006.01) C08H 8/00 (2010.01) C10L 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR PRETREATING BIOMASS</p> <p>[54] PROCEDES DE PRETRAITEMENT D'UNE BIOMASSE</p> <p>[72] VENKATESH, BALAN, US</p> <p>[72] DALE, BRUCE E., US</p> <p>[72] CHUNDAWAT, SHISHIR, US</p> <p>[72] SOUSA, LEONARDO, US</p> <p>[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US</p> <p>[22] 2010-05-21</p> <p>[41] 2010-11-25</p> <p>[62] 2,762,985</p> <p>[30] US (61/180,308) 2009-05-21</p>

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,819,536**
[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **ACCESS POINT CONFIGURATION
BASED ON RECEIVED ACCESS
POINT SIGNALS**
[54] **CONFIGURATION DE POINT
D'ACCES BASEE SUR DES
SIGNAUX DE POINT D'ACCES
RECUS**
[72] GOGIC, ALEKSANDAR M., US
[71] QUALCOMM INCORPORATED, US
[22] 2008-11-06
[41] 2009-05-14
[62] 2,704,127
[30] US (60/986,925) 2007-11-09
[30] US (60/986,992) 2007-11-09
[30] US (12/265,565) 2008-11-05

[21] **2,819,664**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B
43/30 (2006.01)**
[25] EN
[54] **PRESSURE ASSISTED OIL
RECOVERY**
[54] **RECUPERATION DE PETROLE
ASSISTEE PAR PRESSION**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2012-05-15
[41] 2012-11-22
[62] 2,800,746
[30] US (13/371,729) 2012-02-13
[30] US (61/487,770) 2011-05-19

[21] **2,820,020**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F
19/24 (2011.01) G06F 19/26 (2011.01)
G06F 19/28 (2011.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS
FOR THE DIAGNOSIS AND
TREATMENT OF NON-SMALL
CELL LUNG CANCER USING
GENE EXPRESSION PROFILES**
[54] **PROCEDE ET COMPOSITIONS
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TRAITEMENT DU CANCER
BRONCHOPULMONAIRE "NON A
PETITES CELLULES" AU MOYEN
DE PROFILES D'EXPRESSION
GENIQUE**
[72] WEAVER, DAVID A., US
[72] WILLEY, JAMES C., US
[72] WARNER, KRISTY A., US
[72] GRAVES, TIMOTHY G., US
[72] DEMUTH, JEFFREY P., US
[72] CRAWFORD, ERIN L., US
[71] MEDICAL COLLEGE OF OHIO, US
[22] 2003-03-27
[41] 2003-10-09
[62] 2,480,045
[30] US (60/268,288) 2002-03-28
[30] US (60/368,409) 2002-03-28

[21] **2,820,023**
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A23L
1/29 (2006.01) A61K 35/74 (2006.01)
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(2006.01) C12N 1/20 (2006.01) C12N
11/04 (2006.01)**
[25] EN
[54] **PREBIOTIC AND PRESERVATIVE
USES OF OIL-EMULSIFIED
PROBIOTIC ENCAPSULATIONS**
[54] **CAPSULES PROBIOTIQUES A
EMULSION INVERSE UTILISEES
COMME AGENTS PREBIOTIQUES
ET CONSERVATEURS**
[72] BAKSH, BING, US
[71] VITA-HERB NUTRICEUTICALS,
INC., US
[22] 2003-09-26
[41] 2007-12-19
[62] 2,549,115
[30] US (60/414,083) 2002-09-26

[21] **2,820,028**
[13] A1

[51] **Int.Cl. C12N 15/53 (2006.01) C12N
1/21 (2006.01) C12N 9/02 (2006.01)
C12N 15/63 (2006.01) C12P 7/40
(2006.01) C12P 7/58 (2006.01)**
[25] EN
[54] **MULTIMERIC
OXIDOREDUCTASES**
[54] **OXYDOREDUCTASES
MULTIMERES**
[72] CALDWELL, ROBERT M., US
[72] RASHID, HARUNUR M., US
[72] VALLE, FERNANDO, US
[71] GENENCOR INTERNATIONAL,
INC., US
[22] 2004-07-27
[41] 2005-02-10
[62] 2,533,938
[30] US (60/491,151) 2003-07-30

[21] **2,820,098**
[13] A1

[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **VASCULAR CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE
VASCULAIRE**
[72] DAVE, VIPUL BHUPENDRA, US
[72] CHIN-CHEN, CHAO, US
[72] PALERMO, THOMAS, US
[71] CORDIS CORPORATION, US
[22] 2009-03-16
[41] 2009-09-17
[62] 2,715,298
[30] US (61/036,772) 2008-03-14

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[21] **2,820,144**
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/113 (2010.01) C07K 14/72 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01) C12N 15/861 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **LEAFHOPPER ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**

[54] **ACIDES NUCLEIQUES DU RECEPTEUR A L'ECDYSONE DE LA CICADELLE, POLYPEPTIDES, ET UTILISATION DE CEUX-CI**

[72] PALLI, SUBBA REDDY, US

[71] INTREXON CORPORATION, US

[22] 2002-02-20

[41] 2003-04-03

[62] 2,459,827

[30] US (60/325,096) 2001-09-26

[21] **2,820,170**
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) C07K 14/705 (2006.01) C07K 14/71 (2006.01) C12N 15/12 (2006.01) C12Q 1/68 (2006.01) C12N 15/16 (2006.01)**

[25] EN

[54] **WHITEFLY ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**

[54] **ACIDES NUCLEIQUES, POLYPEPTIDES DU RECEPTEUR DE L'ECDYSONE DES ALEYRODIDAE ET UTILISATIONS CES DERNIERS**

[72] ZHANG, JIANZHONG, US

[72] CRESS, DEAN ERVIN, US

[72] PALLI, SUBBA REDDY, US

[72] DHADIALLA, TARLOCHAN SINGH, US

[71] INTREXON CORPORATION, US

[22] 2002-02-20

[41] 2003-04-03

[62] 2,459,807

[30] US (60/325,534) 2001-09-26

[21] **2,820,174**
[13] A1

[51] **Int.Cl. A61K 31/7004 (2006.01) A61M 1/14 (2006.01) A61M 1/28 (2006.01) A61P 7/02 (2006.01)**

[25] EN

[54] **LOW SODIUM SOLUTION**

[54] **SOLUTION A FAIBLE TENEUR EN SODIUM**

[72] WIESLANDER, ANDERS, SE

[72] CARLSSON, OLA, SE

[72] BERNARD, PASCAL, SE

[72] ULINDER, PER, SE

[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE

[22] 2004-05-17

[41] 2004-12-09

[62] 2,524,094

[30] SE (0301577-3) 2003-05-28

[30] US (60/523,722) 2003-11-19

[21] **2,820,200**
[13] A1

[51] **Int.Cl. A61K 38/06 (2006.01) A61K 31/21 (2006.01) A61K 31/27 (2006.01) A61K 33/00 (2006.01) A61P 21/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR ENHANCING NITRIC OXIDE DELIVERY**

[54] **PREPARATIONS ET METHODES POUR L'AMELIORATION DE LA LIBERATION D'OXYDE NITRIQUE**

[72] ANDERSON, JUDITH ESTHER, CA

[72] BURCZYNSKI, FRANK JOHN, CA

[72] WANG, GU-QI, CA

[71] ANDERSON, JUDITH ESTHER, CA

[71] BURCZYNSKI, FRANK JOHN, CA

[71] WANG, GU-QI, CA

[22] 2006-06-08

[41] 2006-12-14

[62] 2,611,140

[30] US (60/688,714) 2005-06-09

[30] US (60/757,474) 2006-01-10

[21] **2,820,201**
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01) C12N 15/12 (2006.01) C12Q 1/68 (2006.01) G01N 33/564 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **IDENTIFICATION OF TUMOR-ASSOCIATED ANTIGENS FOR DIAGNOSIS AND THERAPY**

[54] **IDENTIFICATION D'ANTIGENES ASSOCIES A UNE TUMEUR UTILISEE POUR LE DIAGNOSTIC ET LA THERAPIE**

[72] SAHIN, UGUR, DE

[72] TURECI, OZLEM, DE

[72] KOSLOWSKI, MICHAEL, DE

[72] USENER, DIRK, DE

[71] GANYMED PHARMACEUTICALS AG, DE

[71] JOHANNES GUTENBERG-UNIVERSITAT MAINZ, VERTRETEN DURCH DEN PRASIDENTEN, DE

[22] 2006-09-06

[41] 2007-03-22

[62] 2,620,712

[30] EP (05019786.2) 2005-09-12

[21] **2,820,212**
[13] A1

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

[25] EN

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

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

[72] JIN, HONG, US

[72] TANG, RODERICK, US

[72] LI, SHENGQIANG, US

[72] BRYANT, MARTY, US

[71] AVIRON, INC., US

[22] 1998-09-28

[41] 1999-04-01

[62] 2,304,932

[30] US (60/060,153) 1997-09-26

[30] US (60/084,133) 1998-05-04

[30] US (60/089,207) 1998-06-12

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[21] **2,820,238**
[13] A1

[51] **Int.Cl. A61L 31/18 (2006.01) A61K 49/04 (2006.01) A61L 31/04 (2006.01) C07H 17/02 (2006.01) C08L 101/12 (2006.01) C08L 101/16 (2006.01)**

[25] EN

[54] **RADIOGRAPHIC CONTRASTING AGENTS AND RADIO-OPAQUE POLYMERIC MATERIALS FOR MEDICAL DEVICES**

[54] **AGENTS DE CONTRASTE RADIOGRAPHIQUE ET MATERIAUX POLYMERIQUES RADIO-OPAQUES POUR DISPOSITIFS MEDICAUX**

[72] ZHAO, JONATHAN Z., US
[71] CORDIS CORPORATION, US
[22] 2006-12-06
[41] 2007-06-13
[62] 2,570,410
[30] US (11/301,874) 2005-12-13

[21] **2,820,271**
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) A61K 39/095 (2006.01) A61K 39/104 (2006.01) A61K 39/118 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C12N 15/09 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12N 15/67 (2006.01) C07K 14/195 (2006.01) C07K 14/21 (2006.01) C07K 14/22 (2006.01) C07K 14/285 (2006.01) C07K 14/295 (2006.01)**

[25] EN

[54] **VACCINE COMPOSITION**

[54] **COMPOSITION DE VACCIN**

[72] BERTHET, FRANCOIS-XAVIER JACQUES, BE
[72] DALEMANS, WILFRIED L. J., BE
[72] DENOEL, PHILIPPE, BE
[72] DEQUESNE, GUY, BE
[72] FERON, CHRISTIANE, BE
[72] LOBET, YVES, BE
[72] POOLMAN, JAN, BE
[72] THIRY, GEORGES, BE
[72] THONNARD, JOELLE, BE
[72] VOET, PIERRE, BE
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[22] 2000-07-31
[41] 2001-02-08
[62] 2,380,840
[30] GB (9918319.6) 1999-08-03

[21] **2,820,339**
[13] A1

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

[25] EN

[54] **EXTENSIBLE FILE SYSTEM**

[54] **SYSTEME DE FICHIERS EXTENSIBLE**

[72] ZBIKOWSKI, MARK J., US
[72] THIND, RAVINDER S., US
[72] PUDIPEDDI, RAVISANKAR V., US
[72] HAVEWALA, SAROSH C., US
[72] GHOTGE, VISHAL V., US
[71] MICROSOFT CORPORATION, US
[22] 2005-11-15
[41] 2006-06-17
[62] 2,527,060
[30] US (60/637,407) 2004-12-17
[30] US (11/229,485) 2005-09-16

[21] **2,820,375**
[13] A1

[51] **Int.Cl. C01B 31/26 (2006.01) C09K 8/58 (2006.01) E21B 43/16 (2006.01) E21B 43/40 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PRODUCING OIL AND/OR GAS**

[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE PETROLE ET/OU DE GAZ**

[72] VAN DORP, JOHAN JACOBUS, AE
[72] GOLOMBOK, MICHAEL ZVI, NL
[72] GROENEVELD, MICHEL JAN, NL
[72] MCCAMMON, DOUGLAS CHARLTON, US
[72] MIKUS, THOMAS, US
[72] MOLLINGER, ALEXANDER MICHIEL, NL
[72] MURRAY, BRENDAN DERMOT, US
[72] PUIK, ERIC JOHANNES, NL
[72] VALDEZ, RAUL, US
[72] VAN VARK, WILLEM, NL
[72] WANG, DEAN CHIEN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[22] 2006-04-19
[41] 2006-11-02
[62] 2,606,215
[30] US (60/673,547) 2005-04-21
[30] US (60/772,691) 2006-02-13

[21] **2,820,483**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 21/66 (2006.01) G01N 21/76 (2006.01) G01N 27/416 (2006.01)**

[25] EN

[54] **ASSAY MODULES HAVING ASSAY REAGENTS AND METHODS OF MAKING AND USING SAME**

[54] **MODULES D'ESSAIS A REACTIFS D'ESSAIS ET LEURS PROCEDES DE PREPARATION ET D'EMPLOI**

[72] GLEZER, ELI N., US
[72] JEFFREY-COKER, BANDELE, US
[72] DEBAD, JEFF D., US
[72] KUMAR, SEDEEP M., US
[72] SIGAL, GEORGE, US
[72] SPIELES, GISBERT, US
[72] TSIONKSY, MICHAEL, US
[72] WARNOCK, MICHAEL, US
[71] MESO SCALE TECHNOLOGIES, LLC, US
[22] 2006-12-21
[41] 2007-07-05
[62] 2,634,522
[30] US (60/752,745) 2005-12-21
[30] US (60/752,513) 2005-12-21
[30] US (11/642,970) 2006-12-21

[21] **2,820,517**
[13] A1

[51] **Int.Cl. E04H 7/22 (2006.01) E04G 3/00 (2006.01) E04G 5/08 (2006.01) E04H 7/30 (2006.01)**

[25] EN

[54] **INTEGRAL CATWALK SUPPORT**

[54] **SUPPORT DE PASSERELLE INTEGRE**

[72] GROSSMAN, RODNEY B., US
[72] DINGELDEIN, MARK S., US
[71] CTB, INC., US
[22] 2010-07-23
[41] 2011-01-31
[62] 2,712,029
[30] US (12/533,627) 2009-07-31

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1708828 ONTARIO LIMITED	2,598,782	AMAZON TECHNOLOGIES, INC.	2,654,258	BAER, THOMAS	2,599,538
3M INNOVATIVE PROPERTIES COMPANY	2,548,714	AMAZON TECHNOLOGIES, INC.	2,654,471	BAHL, JANAK RAJ	2,480,284
3M INNOVATIVE PROPERTIES COMPANY	2,590,639	AMBROGI, ROBERT	2,682,811	BAICHWAL, ANAND R.	2,644,992
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ADAMS, JOSEPH S.	2,711,486	ANELL, THOMAS CARL	2,550,463	BASF AKTIENGESELLSCHAFT	2,592,095
ADAMS, PETER	2,476,274	ANGER, ANDRE	2,610,079	BASF AKTIENGESELLSCHAFT	2,610,969
ADAPTIX, INC.	2,431,849	ANTIER, GREGORY	2,607,923	BATES, MARK CHRISTOPHER	2,766,323
ADIDAS AG	2,487,393	AOKI, KENSUKE	2,651,408	BATEY, JOHN	2,499,208
AERO INDUSTRIES INC.	2,699,021	APEX MFG. CO., LTD.	2,736,648	BATTELLE MEMORIAL INSTITUTE	2,605,527
AG GROWTH INTERNATIONAL INC.	2,788,568	APPENZELLER, ANDREAS	2,592,421	BAUSCH & LOMB INCORPORATED	2,664,543
AHLHEIM, MARKUS	2,463,158	AQUERO COMPANY, LLC	2,643,137	BE INTELLECTUAL PROPERTY, INC.	2,590,598
AIHARA, TOHRU	2,590,378	ARAI, YUJI	2,752,741	BEACH, SEAN R.	2,694,151
AIRBUS OPERATIONS GMBH	2,610,079	ARAI, YURI	2,577,473	BECERRA, SOFIA PATRICIA	2,704,083
AIRBUS OPERATIONS LIMITED	2,580,408	ARCHER-DANIELS-MIDLAND COMPANY	2,654,770	BECKERS, THOMAS	2,599,538
AIRBUS OPERATIONS LIMITED	2,675,258	ARCHIMEDES DEVELOPMENT LIMITED	2,634,006	BEGUINOT, JEAN	2,565,162
AKAHOSHI, RYOICHI	2,629,185	ARDUINI, ARDUINO	2,599,252	BEIJING SAMSUNG TELECOM R & D CENTER	2,676,740
AKDIS, MUSTAFA	2,664,835	ARENDT, ALBERT L.	2,655,409	BELL, JOSHUA S.	2,533,147
AKIMOTO, YUJI	2,663,572	ARGUELLO, EDWARD	2,531,915	BELLI, SERGIO	2,489,551
AL-MAHMOOD, SALMAN	2,451,874	ARIGA, TAKASHI	2,662,109	BELLINI, DAVIDE	2,598,331
ALBANY INTERNATIONAL CORP.	2,530,468	ARKEMA	2,521,583	BENECKE, HERMAN PAUL	2,605,527
ALBERTS, PETERIS	2,676,444	ARNAL, SONSOLES	2,700,983	BENTLEY, MICHAEL D.	2,611,823
ALFA WASSERMANN S.P.A.	2,604,768	ARONSON, MARK T.	2,762,903	BENTLEY, ROY	2,685,164
ALKAR-RAPIDPAK-MP EQUIPMENT, INC.	2,701,027	ARQULE, INC.	2,599,611	BEQUET ROMERO, MONICA	2,480,079
ALLEGIANCE CORPORATION	2,623,915	ARROUYE, YVES	2,613,054	BERASTAIN, ARTURO	2,592,095
ALLEN, C. GEOFFREY	2,678,869	ARROW FASTENER COMPANY, INC.	2,717,501	BERTA, JAMES ALBERT	2,733,532
ALLEN, PHILIP JOHN	2,588,318	ASHWELL, MARK ANTONY	2,599,611	BERTHEREAU, ANNE	2,559,931
ALLIED PRECISION INDUSTRIES, INC.	2,625,596	ASTRAZENECA AB	2,570,131	BHAMBRI, SUSHIL K.	2,763,632
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ALVES, RICARDO E.	2,470,456	AURA, ANNA-MARJA	2,610,711	BIERSACK, HARALD	2,653,844
AMARANTH MEDICAL PTE	2,725,296	AVEN, MICHAEL	2,564,379	BINETTE, FRANCOIS	2,461,258
		AZAR, DIMITRI T.	2,584,735	BINETTE, FRANCOIS	2,689,271
		AZIMI, MEHDI	2,602,714	BIOKIT, S.A.	2,710,914
		BADAL, YOUSOUF	2,706,763		
		BADEN, DANIEL G.	2,539,588		
		BADKAR, ADVAIT	2,551,510		

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BU, BING	2,676,740	CHEN, TAO	2,501,632	COSTA, HILARIO	2,466,225
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M ERICSSON (PUBL)	2,630,678	2,690,924	TYCO ELECTRONICS SUBSEA	
TELEFONAKTIEBOLAGET LM		THE PROCTER & GAMBLE	COMMUNICATIONS LLC	2,470,456
ERICSSON (PUBL)	2,522,588	COMPANY	TYCO HEALTHCARE GROUP	
TELEFONAKTIEBOLAGET LM		2,700,983	LP	2,541,031
ERICSSON (PUBL)	2,640,968	THE PROCTER & GAMBLE	UCANSI INC.	2,578,932
TELLER, ERIC	2,501,732	COMPANY	UCHINO, KOICHI	2,451,147
TEMPERANTE, JOHN A.	2,590,639	2,733,532	UEDA, IKUO	2,547,180
TEMPLE, GREGG R.	2,653,198	THE PROCTER & GAMBLE	UEDA, MASAHARU	2,451,147
TERAKAWA, TERUHIKO	2,586,241	COMPANY	UM, SOUNG HYUN	2,462,192
TETRA LAVAL HOLDINGS &		2,766,323	UMEDA, AKIHIRO	2,675,484
FINANCE S.A.	2,607,923	THE PROCTER & GAMBLE	UNGER, LILIANE	2,583,973
TEUFEL, RAINER B.	2,499,671	COMPANY	UNIMATEC CO., LTD.	2,725,486
TEUTSCH, BRIAN C.	2,533,147	2,766,323	UNITED PARCEL SERVICE OF	
THARP, EDWARD W.	2,433,472	THE REGENTS OF THE	AMERICA, INC.	2,441,547
THE BOEING COMPANY	2,638,615	UNIVERSITY OF	UNIVERSITAT ZU KOLN	2,568,201
THE BOEING COMPANY	2,716,542	MICHIGAN	UNIVERSITEIT GENT	2,545,693
THE CHAMBERLAIN GROUP,		2,659,549	UNIVERSITY OF BRISTOL	2,442,010
INC.	2,452,919	THE UNIVERSITY OF	UNIVERSITY OF NORTH	
THE CHAMBERLAIN GROUP,		QUEENSLAND	CAROLINA AT	
INC.	2,505,226	2,476,274	WILMINGTON	2,539,588
THE GOVERNMENT OF THE		2,687,222	UNIVERSITY OF NORTH	
UNITED STATES OF		THIEL, JAMES P.	DAKOTA	2,599,975
AMERICA, AS		2,561,451	UNIVERSITY OF PITTSBURGH	
REPRESENTED BY THE		THOMAS, MERVYN REES	- OF THE	
SE CRETARY,		2,505,151	COMMONWEALTH	
DEPARTMENT OF		THOMAS, STEPHEN J.	SYSTEM OF HIGHER	
HEALTH & HUMAN		2,735,685	EDUCATIO N	2,630,993
SERVICES	2,425,174	THOMPSON, IAN ANDREW	UNO, KATSUHIKO	2,675,484
		2,695,678	UPTON, ZEE	2,515,335
		THOMPSON, RUSSELL	URAYAMA, SHINICHI	2,579,121
		MARTIN	UTC FIRE & SECURITY	
		2,511,129	CANADA	2,466,225
		THOMSON, JAMES A.	VAFA, OMID	2,499,816
		2,586,053		
		THURNAY, EVA SUSANNE		
		DOMINIQUE		
		2,766,323		
		TIBOTEC		
		PHARMACEUTICALS		
		LTD.		
		2,575,472		
		TICHBORNE, FRANK GEORGE		
		2,710,823		
		TICHBORNE, FRANKLIN		
		GEORGE		
		2,580,408		
		TJIOE, TJAY TJIEN		
		2,606,784		
		TM 4 INC.		
		2,528,557		
		TOENNIES, ROLAND		
		GUENTER NORBERT		
		2,712,321		
		TOKITA, HIDEHISA		
		2,724,844		
		TOLLE, CHARLES VALLET		
		2,567,711		
		TOMIYAMA, SUSUMU		
		2,645,058		
		TONG, ZHI-BIN		
		2,425,174		
		TORRIERI, SANDRO A.		
		2,349,914		
		TOSHIBA INTERNATIONAL		
		CORPORATION		
		2,545,984		
		TOTAL S.A.		
		2,567,893		

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VALSPAR SOURCING, INC.	2,583,718	WANG, HONG	2,676,740	WURMAN, PETER R.	2,654,471
VAN AVERY, JAMES C.	2,638,615	WANG, HUISAN	2,531,915	WURTZ, HENRY J.	2,707,272
VAN DAMME, NELE	2,641,453	WANG, JOSEPH	2,563,099	XANTHOPOULOS, PASCAL	2,545,680
VAN DER AUWERA, INGRID	2,641,453	WANG, JUN	2,501,632	XENCOR, INC.	2,499,816
VAN DER HOEVEN, ROBERTUS ANTONIUS MIJNDERT	2,430,893	WANG, LIWEI	2,725,296	XEROX CORPORATION	2,678,869
VAN DOOREN, TOM	2,641,453	WANG, YIXIN	2,422,298	XIA, MINGDE	2,561,305
VAN ELBURG, JOHANNES	2,630,678	WANG, YIXIN	2,422,305	XING, GUANBIN	2,431,849
VAN KRUIJSDIJK, CORNELIS PETRUS JOSEPHUS WALTHERA	2,570,058	WARD, MATTHEW L.	2,674,179	XU, HUAN	2,701,599
VAN NEWENHIZEN, JOHN	2,545,948	WARRICK, PETER S.	2,792,482	XU, JIANHONG	2,528,557
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VANDROUX, OLIVIER	2,602,923	WATSON, NIGEL S.	2,739,218	YAMAGUCHI, KENJI	2,528,767
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VAZQUEZ LANTES, MARIA CRISTINA	2,545,979	WEATHERFORD/LAMB, INC.	2,606,662	YANG, EN-HUI	2,688,041
VEINOT, JONATHAN GORDON CONN	2,609,537	WEBER, JAN	2,567,138	YANG, HU	2,479,764
VELICO MEDICAL, INC.	2,460,575	WEINSTEIN, YECHIEL	2,525,440	YANG, JIANHONG	2,787,207
VELTRI, ROBERT	2,744,096	WELTON, THOMAS D.	2,694,151	YANO, YUICHI	2,752,741
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VERVECKEN, WOUTER	2,545,693	WESTINGHOUSE BRAKE AND SIGNAL HOLDINGS LIMITED	2,710,823	YE, ZHENGLIANG	2,537,300
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VIOLLET, STEPHANE	2,563,584	WIJERATNE, LALITH HIRAN	2,531,915	YOSHIKAWA, TAKAYOSHI	2,579,720
VISCOMI, GIUSEPPE CLAUDIO	2,604,768	WILCOX, RICHARD J.	2,726,533	YOSHIMI, NAOTO	2,696,567
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VSFUSION, LLC	2,651,209	WILSON, DANIEL C.	2,349,914	ZAFRED, PAOLO R.	2,730,115
VUONG, THANH VINH	2,526,781	WILSON, JAMES DOUGLAS	2,766,323	ZAHNISER, DAVID J.	2,631,722
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WALLACE, MARK S.	2,596,092	WITTER, KEVIN	2,619,106	ZHAO, NA	2,537,300
WALMSLEY, SIMON ROBERT	2,371,531	WM. WRIGLEY JR. COMPANY	2,653,302	ZHAO, XIAOJUN JULIA	2,599,975
WALMSLEY, SIMON ROBERT	2,400,220	WOCKHARDT LTD	2,651,634	ZHAO, XIAOMIN	2,651,209
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WALSH, JOHN EDWARD	2,698,041	WOLFSCHAFFNER, HUBERT	2,520,565	ZHU, XIANG	2,742,687
WALTER, THOMAS	2,605,671	WOLPERT, SCOTT	2,631,722	ZHU, YANMIN	2,676,740
WALTERS, HAROLD G.	2,694,151	WONG, WAI PANG	2,698,041	ZIEGLER, HUGO	2,525,476
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		WOOD, ANTHONY	2,588,025	ZIMMER, INC.	2,763,632
		WORMALD, CHRISTOPHER R.	2,604,806	ZIMMER, SEBASTIAN	2,610,826
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		WROBLEWSKI, MIKE	2,658,772	ZINN, RONALD SCOTTE	2,604,806
		WU, NAIFENG	2,537,300	ZOMANEX, LLC	2,701,023
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LTD.	2,782,944	CABER SURE FIT INC.	2,764,548	DING, ZHONG	2,802,669
AUTOMATIC COATING		CAIN, BRANDON	2,795,669	DING, ZHONG	2,802,670
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BADAWY, WAEL	2,764,192	CANADIAN TARPAULIN		LTD	2,802,175
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BAMBERG, SARAH	2,798,334	GLORIA	2,765,067	DUFOUR, BRUNO	2,802,199
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HORNLAND, LLOYD	2,802,570	LAVOIE, RENAUD	2,803,501	MORELLI, GIOVANNI J.	2,802,177
HOSIMER, PHILIP C.	2,802,258	LAZARIDIS, MIHAL	2,803,192	MORELLI, GIOVANNI J.	2,802,253
HOSIMER, PHILIP C.	2,802,260	LEATHERMAN TOOL GROUP,		MORELLI, GIOVANNI J.	2,802,396
HOSIMER, PHILIP C.	2,802,645	INC.	2,794,904	MOTTAAHEDEH, SOHEYL S. M.	2,764,291
HOSIMER, PHILIP C.	2,802,669	LEE, JOONWU	2,770,223	MUELLER INTERNATIONAL,	
HOWE, TERA L.	2,802,123	LES SOLUTIONS WILL		LLC	2,776,206
HOWE, TERA L.	2,802,181	(GEDDEN) INC.	2,803,189	MULLALY, MARK S.	2,802,702
HSU, WEIMIEN	2,788,501	LEWIN, MATHIAS	2,802,200	MULTI PACKAGING	
HUANG, DEQUN	2,802,385	LEWIS, EVAN	2,764,089	SOLUTIONS, INC.	2,796,534
HUANG, DEQUN	2,802,466	LI, CHUNHUNG	2,788,501	MURCHISON, IAN JAMES	2,802,374
HUFFER, SCOTT	2,802,476	LI, FAN	2,800,798	NAICKER, THEO	2,799,726
HUMAN MATRIX SCIENCES,		LI, QIUYONG	2,788,501	NAICKER, THEO	2,801,390
LLC	2,803,240	LI, WENBING	2,802,385	NALCO COMPANY	2,802,656
HUSKY OIL OPERATIONS		LI, WENBING	2,802,466	NATIONAL OILWELL VARCO,	
LIMITED	2,764,539	LIN, SHIH-MING	2,764,534	L.P.	2,802,794
HUTCHINSON	2,802,199	LIU, BEN WANG	2,783,577	NATIONAL RESEARCH	
HUTTULA, JUSTIN MICHAEL	2,794,904	LIU, TONG	2,800,798	COUNCIL OF CANADA	2,801,507
HYMEL, JAMES ALLEN	2,802,040	LORGER, TONY	2,802,175	NAYLOR, CHRIS	2,765,184
IGESUND, TERENCE	2,799,726	LOVELY, PETER SCOTT	2,802,633	NEINAST, WILLIAM H.	2,802,123
IGESUND, TERENCE	2,801,390	LOWE, MARK A.	2,765,296	NEINAST, WILLIAM H.	2,802,181
IGT	2,801,667	LUBURIC, FRANO	2,764,976	NGUYEN, CUNG	2,765,550
INDO INTERNACIONAL S.A.	2,765,067	LUEA, JON	2,796,534	NGUYEN, NGUYEN	2,800,119
INTELLIVIEW		MACDON INDUSTRIES LTD.	2,802,894	NGUYEN, NGUYEN	2,801,095
TECHNOLOGIES INC.	2,764,192	MACDON INDUSTRIES LTD.	2,802,958	NGUYEN, NGUYEN	2,802,285
IWASHITA, HIROMASA	2,802,267	MACDON INDUSTRIES LTD.	2,802,963	NIELSEN, PAUL S.	
JI, TIANYING	2,800,119	MACDON INDUSTRIES LTD.	2,802,975	(DECEASED)	2,802,340

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NILVI, SURRENDER	2,764,548	LIMITED	2,801,095	SLISZ, KEVIN R.	2,798,274
NORSCAN INSTRUMENTS		RESEARCH IN MOTION		SMITH'S CONSUMER	
LTD.	2,802,633	LIMITED	2,801,767	PRODUCTS, INC.	2,802,382
OHS, DOUGLAS G.	2,802,540	RESEARCH IN MOTION		SMITH, RICHARD S.	2,802,382
OLIVER, BRIAN ALEXANDER	2,802,350	LIMITED	2,802,040	SMITH, ROBERT C.	2,801,652
ONDULINE	2,801,841	RESEARCH IN MOTION		SMITH, ROBERT C.	2,802,090
ONG, IVAN	2,802,400	LIMITED	2,802,194	SONNTAG, PHILIPPE	2,802,199
ORTHO-CLINICAL		RESEARCH IN MOTION		SONOCO DEVELOPMENT,	
DIAGNOSTICS, INC.	2,802,258	LIMITED	2,802,200	INC.	2,802,476
ORTHO-CLINICAL		RESEARCH IN MOTION		SPHERE 3D INC.	2,802,177
DIAGNOSTICS, INC.	2,802,260	LIMITED	2,802,285	SPHERE 3D INC.	2,802,253
ORTHO-CLINICAL		RESEARCH IN MOTION		SPHERE 3D INC.	2,802,396
DIAGNOSTICS, INC.	2,802,645	LIMITED	2,802,350	ST-ONGE, ANDRE	2,802,572
ORTHO-CLINICAL		RESEARCH IN MOTION		STAINES, STEPHEN J.	2,802,704
DIAGNOSTICS, INC.	2,802,669	LIMITED	2,802,369	STAR HEADLIGHT &	
ORTHO-CLINICAL		RESEARCH IN MOTION		LANTERN CO., INC.	2,802,468
DIAGNOSTICS, INC.	2,802,670	LIMITED	2,802,374	STASTNY, HONZA	2,802,062
OU, JIAWEI	2,802,605	RESEARCH IN MOTION		STEELE, CATRIONA M.	2,770,223
OWENS, BETSY	2,801,725	LIMITED	2,802,379	STENTAFORD, PHILIP	
OWENS, BETSY	2,801,742	RESEARCH IN MOTION		SHAWN	2,765,524
PACIFIC DATA IMAGES LLC	2,802,605	LIMITED	2,802,453	STEVENSON, JOHN	
PAPENBROOCK, MARTEN	2,798,284	RESEARCH IN MOTION		SAUNDERS	2,801,477
PAPENBROOCK, MARTEN	2,798,334	LIMITED	2,802,458	STILLWAGON, JAMES R.	2,802,575
PASQUERO, JEROME	2,786,502	RESEARCH IN MOTION		SUKOVA, LADA	2,800,407
PASQUERO, JEROME	2,789,827	LIMITED	2,803,192	SUN, XINHUI	2,802,385
PATON, WILLIAM		RESEARCH PRODUCTS		SUN, XINHUI	2,802,466
ALEXANDER	2,802,040	CORPORATION	2,789,614	SWEENEY, JOHN C.	2,770,803
PATTERSON, DAN	2,764,669	RESEARCH PRODUCTS		TALBOT, FRANCOIS R.	2,802,894
PATTERSON, DAN	2,796,484	CORPORATION	2,803,344	TALBOT, FRANCOIS R.	2,802,958
PELLETIER, CHARLES	2,802,306	RIENDEAU, MARCEL	2,798,892	TALBOT, FRANCOIS R.	2,802,963
PENNA, CHRISTOPHER	2,798,274	RITTER, ERIC MARTIN	2,802,350	TALBOT, FRANCOIS R.	2,802,975
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PILZ, DON A.	2,802,579	ROECHLING ENGINEERING		VINAYAK	2,801,592
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PORTER, THOMAS	2,802,579	ROSCA, JUSTINIAN	2,802,573	TEREX USA, LLC	2,770,803
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CORP.	2,802,062	SALOTTO, DANIEL P.	2,802,645	TESA SE	2,798,334
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PRENZEL, ALEXANDER	2,798,334	PARTHASARATHY	2,802,062	THE COCA-COLA COMPANY	2,802,267
PRODUCT SPRING, LLC	2,802,340	SAUNDERS, BRIAN F.	2,801,667	THE HOSPITAL FOR SICK	
PRUIETT, JASON W.	2,799,627	SCALICE, EDWARD R.	2,802,258	CHILDREN	2,803,240
RAPTIS, GREGORY	2,803,370	SCALICE, EDWARD R.	2,802,260	THOMAS & BETTS	
READ, BARRY	2,801,485	SCALICE, EDWARD R.	2,802,645	INTERNATIONAL, INC.	2,802,701
REBICEK, JIRI	2,800,407	SCALICE, EDWARD R.	2,802,669	THOMAS, MICHEL	2,801,841
REGAL BELOIT AMERICA,		SCHLISNER, DENNIS G.	2,798,195	TOMASSO, DAVID A.	2,802,258
INC.	2,802,385	SCHLUMBERGER CANADA		TOMASSO, DAVID A.	2,802,260
REGAL BELOIT AMERICA,		LIMITED	2,801,485	TOMASSO, DAVID A.	2,802,645
INC.	2,802,466	SCHUMAN, DANIEL C.	2,789,614	TOMASSO, DAVID A.	2,802,669
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CORPORATION	2,798,845	SEARS BRANDS, LLC	2,801,725	INSTITUTE	2,770,223
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LIMITED	2,786,502	SHAHIN, AHMED M.	2,782,944	TRAN, BO L.	2,802,656
RESEARCH IN MOTION		SHEHATA, MOHAMED	2,764,192	TRAVIS, TODD	2,795,669
LIMITED	2,789,827	SHELLEY, MARK	2,764,554	TREDICI, MARIO R. T. R.	2,764,291
RESEARCH IN MOTION		SHOUTE, LIAN C. T.	2,801,507	TRIANGLE SUSPENSION	
LIMITED	2,798,845	SIEMENS		SYSTEMS, INC.	2,802,777
RESEARCH IN MOTION		AKTIENGESELLSCHAFT	2,802,336	UNITED TECHNOLOGIES	
LIMITED	2,800,119	SIEMENS CORPORATION	2,802,573	CORPORATION	2,802,060
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LIMITED	2,800,798	SINGH, SATNAM	2,802,470		

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VEGAS CABALLERO, JAVIER	2,765,067	XU, ANSHENG	2,802,466
VELEBNY, VLADIMIR	2,800,407	YE, LIMING	2,802,804
VERGHAE, JEAN-MARIE	2,801,071	YE, LIMING	2,802,806
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VILLAFLOR, MARCEL	2,798,845	ZAHNEN, JAMES L.	2,802,701
VOGT, SEBASTIAN	2,799,956	ZEHNDER VERKAUFS- UND VERWALTUNGS AG	2,798,892
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VUKOSIC, STEPHEN T.	2,802,468	ZHOU, JIANPING	2,802,809
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WALDAL, JUDITH A.	2,802,181	ZHU, CHUANBAO	2,802,806
WALTON, BRENDAN CLYDE	2,799,726	ZHU, CHUANBAO	2,802,809
WALTON, BRENDAN CLYDE	2,801,390	ZOU, LING	2,798,845
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WANDA COMMERCIAL PLANNING & RESEARCH INSTITUTE CO., LTD.	2,795,100		
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WANG, WEI	2,802,385		
WANG, WEI	2,802,466		
WANG, YUAN	2,795,097		
WANG, YUAN	2,795,100		
WARFIELD, CYNTHIA ANNE	2,799,627		
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WARREN, TIMOTHY C.	2,802,260		
WARREN, TIMOTHY C.	2,802,645		
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WATERLEAF LIMITED	2,801,390		
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WEATHERFORD/LAMB, INC.	2,795,669		
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WILLIAMS, GARY	2,801,681		
WILLIAMS, JUSTIN	2,798,267		
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WINDTRANS SYSTEMS LTD.	2,796,484		
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ABBVIE INC.	2,820,671	ATOMIC ENERGY OF CANADA LIMITED (AECL)	2,820,125	BAYER INTELLECTUAL PROPERTY GMBH	2,820,543
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BOLTRI, LUIGI	2,820,437	CENTRE NATIONAL DE LA		COMPANY	2,820,188
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BRATSCH, CHRISTIAN	2,810,107	CHAUVET, DOMINIQUE	2,820,126	"INGENICO"	2,820,369
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BREEN, SCOTT M.	2,820,083	CHEDAL BORNUN, YVES	2,820,145	ET FINANCIERE	
BREEN, SCOTT M.	2,820,089	CHEFAI, SAMIR	2,820,700	D'INGENIERIE	
BREITBART, ERIC	2,820,297	CHEN, FANG	2,820,389	"INGENICO"	2,820,380
BROAD, ROBERT	2,820,443	CHEN, JIANHE	2,820,395	COMPAGNIE INDUSTRIELLE	
BROWN, JAMES RICHARD	2,820,425	CHEN, LINGYUN	2,820,751	ET FINANCIERE	
BRUGGER, JUAN CARLOS	2,820,689	CHEN, PEISONG	2,820,061	D'INGENIERIE	
BRYANT, LAURIE A.	2,820,793	CHEN, YI	2,820,389	"INGENICO"	2,820,414
BRYCE, STEVEN M.	2,820,619	CHENG, GONG	2,820,758	CONDE-CEIDE, SUSANA	2,820,262
BRYLA, MARK	2,820,651	CHERY, LAURENT	2,819,858	CONN, P. JEFFREY	2,820,262
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VOLODIMIROVICH	2,820,439	CHIESI FARMACEUTICI S.P.A.	2,820,600	GMBH	2,820,400
BUHRMAN, FREDERIK		CHINEN, TORU	2,820,195	COOLEY, WILLIAM E.	2,820,197
ARNOLD	2,820,269	CHIRAGKUMAR, DESAI	2,820,721	COOPER TECHNOLOGIES	
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BUTER, RENE JOACHIM	2,820,354	CHOE, JEEHYUN	2,820,025	COOPER TECHNOLOGIES	
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BUZZI, BENEDETTA	2,820,109	CHONG, COLIN A.	2,820,073	COMPANY	2,820,304
CALLARI, FRANCESCO	2,820,481	CHOPRA, ANU	2,820,033	COOPER TECHNOLOGIES	
CAMBRIDGE BIOPOLYMERS		CHOPRA, ANU	2,820,327	COMPANY	2,820,306
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CAMERON INTERNATIONAL		CHOWDHARY, HARSH V.	2,820,220	COMPANY	2,820,312
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IBRANYAN, ARSEN	2,820,073	JIN, YUN	2,820,408	KNECHT, DENNIS M.	2,819,238
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ICHOZULTD.	2,820,604	JOHNSON & JOHNSON		KNOEPFLE, CHRISTIAN	2,820,105
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INNOVIA LLC	2,820,775	KAMIGAKI, ROBERT TSUYOSHI	2,820,062	KRAM, SHARI L.	2,820,460
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PIANTONI, STEVE	2,819,992	RECKITT BENCKISER N.V.	2,819,992	AG	2,820,381
PIATER, BIRGIT	2,820,754	RED.COM, INC.	2,820,007	RUPP, RANDAL G.	2,820,445
PICCOLO, JOHN	2,820,581	REES OPERATIONS PTY LTD	2,820,725	RUSSELL, SEAN	2,820,706
PICHICHERO, MICHAEL	2,819,758	REES, MICHAEL	2,820,725	RUSSO, JAMES THOMAS	2,820,528
PIERMATTEO, STEFANO	2,820,183	REIMERS, MATTHEW	2,820,725	S.P.M. FLOW CONTROL, INC.	2,820,595
PIERRE FABRE MEDICAMENT	2,820,135	REINECCIUS, GREG A.	2,820,282	S.P.M. FLOW CONTROL, INC.	2,820,648
PIGNIER, CHRISTOPHE	2,820,135	RESEARCH IN MOTION		SAEGER, ROLAND B.	2,820,341
PINCHUK, LEONARD	2,820,775	LIMITED	2,820,153	SAELEN, XAVIER	2,820,614
PIONEER HI-BRED		RESEARCH IN MOTION		SAHAI, DEEPAK	2,820,370
INTERNATIONAL., INC.	2,820,686	LIMITED	2,820,353	SAIGA, KAN	2,820,590
PIRNGRUBER, GERHARD	2,820,708	RESEARCH IN MOTION		SAINT-GOBAIN ISOVER	2,820,661
PIRONTI, VINCENZA	2,820,437	LIMITED	2,820,404	SAINT-REMY, JEAN-MARIE	2,820,617
PLUSTECH INC.	2,820,720	RESEARCH IN MOTION		SAKAI, YOSHIHARU	2,820,039
POLLINO, JOEL M.	2,820,613	LIMITED	2,820,744	SAKAMOTO, AKIHISA	2,819,530
POLOWICK, PATRICIA L.	2,820,739	REYBURN, STEVEN T.	2,820,626	SALERNO, LUIGI	2,820,597
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PPG EUROPE BV	2,820,401	RICCABONI, MAURO	2,820,600	SANOFI	2,820,382
PPG INDUSTRIES OHIO, INC.	2,820,037	RICHARDS, CLIFFORD JOHN	2,820,122	SANOFI	2,820,748
PRAGMA INDUSTRIES	2,820,409	RICHARDSON, CHRIS	2,820,470	SANOFI	2,820,781
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PRAXAIR TECHNOLOGY, INC.	2,820,458	RIDGE DIAGNOSTICS, INC.	2,820,616	SANOFI-AVENTIS	
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CHUNDAWAT, SHISHIR	2,819,456	MIKUS, THOMAS	2,820,375		
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CORDIS CORPORATION	2,820,238	MICHIEL	2,820,375		
CRAWFORD, ERIN L.	2,820,020	MROCHEN, MICHAEL	2,819,455		
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FROGGATT, MARK	2,817,631	SOUSA, LEONARDO	2,819,456		
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GENENCOR		THIND, RAVINDER S.	2,820,339		
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GIFFORD, DAWN K.	2,817,631	THORATEC CORPORATION	2,817,934		
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GOGIC, ALEKSANDAR M.	2,819,536	TURECI, OZLEM	2,820,201		
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GROENEVELD, MICHIEL JAN	2,820,375	VALDEZ, RAUL	2,820,375		
GROSSMAN, RODNEY B.	2,820,517	VALLE, FERNANDO	2,820,028		
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