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La Gazette

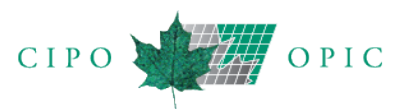
du Bureau des brevets



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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:

2,633,882
2,637,749
2,792,693
2,796,908

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 :

2,633,882
2,637,749
2,792,693
2,796,908

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 December 31, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1517*
For each additional sheet over 30	\$17
3. International Search Fee	\$1600

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

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

9. Demandes mises à la disponibilité du public

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

10. Langue du document publié

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

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 31 décembre 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1517 \$*
Pour chaque feuille au delà de 30	17 \$
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)) \$228

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 228 \$

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

* International fees will be reduced by:

- \$114 for all applications filed using PCT-EASY,
- \$228 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$342 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

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

15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

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

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

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

1. Établissements désignés

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

1. Industrie Canada
Édifce 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 January 28, 2014 contains applications open to public inspection from January 12, 2014 to January 18, 2014.

17. Erratum

The information concerning application number 2,829,557 referred to under the section *Canadian Divisional and Previously Unavailable Applications Open to Public Inspection* of the *Canadian Patent Office Record* of December 3, 2013 was incorrect. Please note that no application is open to public inspection under this number.

18. Erratum

The information concerning application number 2,834,608 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of December 24, 2013 was incorrect. Please note that no application is open to public inspection under this number.

19. Erratum

The information concerning application number 2,831,702 referred to under the section *Canadian Divisional and Previously Unavailable Applications Open to Public Inspection* of the *Canadian Patent Office Record* of November 26, 2013 was incorrect. Please note that no application is open to public inspection under this number.

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 28 janvier 2014 contient les demandes disponibles au public pour consultation pour la période du 12 janvier 2014 au 18 janvier 2014.

17. Erratum

Les renseignements concernant la demande 2,829,557 sous la rubrique *Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant* de la *Gazette du Bureau des brevets* du 3 décembre 2013 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

18. Erratum

Les renseignements concernant la demande 2,834,608 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 24 décembre 2013 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

19. Erratum

Les renseignements concernant la demande 2,831,702 sous la rubrique *Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant* de la *Gazette du Bureau des brevets* du 26 novembre 2013 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

20. Erratum

The information concerning application number 2,826,967 referred to under the section *Canadian Divisional and Previously Unavailable Applications Open to Public Inspection* of the *Canadian Patent Office Record* of October 15, 2013 was incorrect. Please note that no application is open to public inspection under this number.

21. Erratum

The information concerning application number 2,825,051 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of September 17 2013 was incorrect. Please note that no application is open to public inspection under this number.

20. Erratum

Les renseignements concernant la demande 2,826,967 sous la rubrique *Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant* de la *Gazette du Bureau des brevets* du 15 octobre 2013 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

21. Erratum

Les renseignements concernant la demande 2,825,051 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 17 septembre 2013 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

January 28, 2014

Brevets canadiens délivrés

28 janvier 2014

[11] **2,307,017**
[13] C
[51] **Int.Cl. C12N 5/0793 (2010.01) A61K 35/30 (2006.01) C12N 5/00 (2006.01) A61K 38/18 (2006.01) C07K 14/505 (2006.01)**
[25] EN
[54] **ERYTHROPOIETIN-MEDIATED NEUROGENESIS**
[54] **NEUROGENESE PRODUITE PAR L'INTERMEDIAIRE D'ERYTHROPOIETINE**
[72] WEISS, SAMUEL, CA
[72] SOROKAN, S. TODD, CA
[73] NEUROSPHERES HOLDINGS LTD., CA
[85] 2000-04-20
[86] 1998-10-23 (PCT/CA1998/000991)
[87] (WO1999/021966)
[30] US (60/063,040) 1997-10-24

[11] **2,327,748**
[13] C
[51] **Int.Cl. G05B 13/00 (2006.01) G05B 13/04 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADAPTIVE CONTROL OF MARGINALLY STABLE SYSTEMS**
[54] **METHODE ET APPAREILLAGE POUR LA COMMANDE ADAPTATIVE DE SYSTEMES A STABILITE MARGINALE**
[72] GOUGH, WILLIAM ALBERT GORDON JR., CA
[72] KOVAC, SAVA, CA
[72] HUZMEZAN, MIHAI, CA
[73] UNIVERSAL DYNAMICS TECHNOLOGIES INC., CA
[86] (2327748)
[87] (2327748)
[22] 2000-12-06
[30] CA (2,293,922) 1999-12-31

[11] **2,330,107**
[13] C
[51] **Int.Cl. B03C 1/034 (2006.01) B01D 35/06 (2006.01) B03C 1/033 (2006.01) B03C 1/28 (2006.01)**
[25] EN
[54] **A MAGNETIC FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION MAGNETIQUE**
[72] MARLOWE, JOHN, GB
[73] MARLOWE, JOHN, GB
[85] 2000-10-23
[86] 1999-05-10 (PCT/GB1999/001462)
[87] (WO1999/058247)
[30] GB (9809902.1) 1998-05-08

[11] **2,354,060**
[13] C
[51] **Int.Cl. A61L 31/16 (2006.01) A61B 5/00 (2006.01) A61L 31/10 (2006.01) A61L 31/14 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROL OF TISSUE/IMPLANT INTERACTIONS**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE CONTROLER LES INTERACTIONS TISSU/IMPLANT**
[72] MOUSSY, FRANCIS, US
[72] KREUTZER, DONALD, US
[72] BURGESS, DIANE, US
[72] KOBERSTEIN, JEFF, US
[72] PAPADIMITRAKOPOULOS, FOTIOS, US
[72] HUANG, SAMUEL, US
[73] UNIVERSITY OF CONNECTICUT, US
[85] 2001-05-18
[86] 1999-11-19 (PCT/US1999/027542)
[87] (WO2000/030698)
[30] US (60/109,289) 1998-11-20

[11] **2,364,424**
[13] C
[51] **Int.Cl. H04L 9/30 (2006.01) G07F 17/32 (2006.01) H04L 12/16 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SECURED VIRTUAL NETWORK IN A GAMING ENVIRONMENT**
[54] **RESEAU VIRTUEL SECURISE DANS UN MILIEU DE SERVICES RELATIFS AUX JEUX DE HASARD**
[72] NGUYEN, BINH T., US
[73] IGT, US
[86] (2364424)
[87] (2364424)
[22] 2001-12-06
[30] US (09/732,650) 2000-12-07

[11] **2,394,895**
[13] C
[51] **Int.Cl. H01L 51/40 (2006.01) H01L 21/311 (2006.01) H01L 21/768 (2006.01) H01L 51/52 (2006.01) H01L 27/32 (2006.01)**
[25] EN
[54] **FORMING INTERCONNECTS**
[54] **FORMATION D'INTERCONNEXIONS**
[72] SIRRINGHAUS, HENNING, GB
[72] FRIEND, RICHARD HENRY, GB
[72] KAWASE, TAKEO, GB
[73] PLASTIC LOGIC LIMITED, GB
[85] 2002-06-19
[86] 2000-12-21 (PCT/GB2000/004940)
[87] (WO2001/047044)
[30] GB (9930217.6) 1999-12-21
[30] GB (0009917.6) 2000-04-20

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[11] **2,395,004**
[13] C

[51] **Int.Cl. H01L 51/40 (2006.01) H01L 21/311 (2006.01) H01L 21/768 (2006.01) H01L 51/52 (2006.01) H01L 27/32 (2006.01)**

[25] EN

[54] **SOLUTION PROCESSING**

[54] **TRAITEMENT DE SOLUTION**

[72] SIRRINGHAUS, HENNING, GB

[72] FRIEND, RICHARD HENRY, GB

[72] KAWASE, TAKEO, GB

[73] PLASTIC LOGIC LIMITED, GB

[85] 2002-06-19

[86] 2000-12-21 (PCT/GB2000/004942)

[87] (WO2001/047045)

[30] GB (9930217.6) 1999-12-21

[30] GB (0009915.0) 2000-04-20

[11] **2,397,592**
[13] C

[51] **Int.Cl. C22C 38/44 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01)**

[25] EN

[54] **DUPLEX STAINLESS STEEL**

[54] **ACIER INOXYDABLE DUPLEX**

[72] BERGSTROM, ORJAN, SE

[72] KANGAS, PASI, SE

[72] KLOCKARS, MATTIAS, SE

[72] CHAI, GUOCAI, SE

[73] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2002-07-08

[86] 2001-03-01 (PCT/SE2001/000459)

[87] (WO2001/064969)

[30] SE (0000678-3) 2000-03-02

[11] **2,399,063**
[13] C

[51] **Int.Cl. A61K 38/01 (2006.01) A23J 3/30 (2006.01) A23J 3/34 (2006.01) A23L 1/30 (2006.01) A23L 1/305 (2006.01)**

[25] EN

[54] **A METHOD FOR MAINTAINING OR IMPROVING THE SYNTHESIS OF MUCINS**

[54] **METHODE DE MAINTIEN OU D'AMELIORATION DE LA SYNTHESE DE MUCINES**

[72] BALLEVRE, OLIVIER, CH

[72] FINOT, PAUL-ANDRE, CH

[72] BREUILLE, DENIS, FR

[73] SOCIETE DES PRODUITS NESTLE S.A., CH

[85] 2002-08-01

[86] 2001-01-31 (PCT/EP2001/001013)

[87] (WO2001/056405)

[30] US (09/498,905) 2000-02-04

[30] US (09/774,814) 2001-01-30

[11] **2,411,781**
[13] C

[51] **Int.Cl. H04L 1/08 (2006.01) H04W 4/12 (2009.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **WIRELESS COMMUNICATION SYSTEM**

[54] **SYSTEME DE COMMUNICATION SANS FIL**

[72] FANTASKE, STEVE, CA

[73] PSION INC., CA

[86] (2411781)

[87] (2411781)

[22] 2002-11-13

[30] US (09/998,442) 2001-12-03

[11] **2,414,246**
[13] C

[51] **Int.Cl. G06F 9/445 (2006.01) H04W 12/00 (2009.01) H04W 88/02 (2009.01) G06F 21/10 (2013.01) G06F 21/50 (2013.01) H04L 9/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR MANAGING PROGRAM STORED IN STORAGE BLOCK OF MOBILE TERMINAL**

[54] **SYSTEME DE GESTION DE PROGRAMME STOCKE DANS UN BLOC DE STOCKAGE D'UN TERMINAL MOBILE**

[72] NATSUNO, TAKESHI, JP

[72] YAMAMOTO, MASAOKI, JP

[72] WASHIO, SATOSHI, JP

[72] KAWABATA, HIROSHI, JP

[73] NTT DOCOMO, INC., JP

[85] 2002-12-20

[86] 2002-05-14 (PCT/JP2002/004643)

[87] (WO2002/093361)

[30] JP (2001-143810) 2001-05-14

[11] **2,424,853**
[13] C

[51] **Int.Cl. G05B 15/02 (2006.01) B64C 9/14 (2006.01) G05B 9/03 (2006.01)**

[25] EN

[54] **CONTROL SYSTEM AND PROCESS FOR SEVERAL ACTUATORS**

[54] **SYSTEME ET PROCESSUS DE COMMANDE DE PLUSIEURS ACTIONNEURS**

[72] FOCH, ETIENNE, FR

[72] FLEURY, CHRISTOPHE, FR

[73] AIRBUS OPERATIONS SAS, FR

[86] (2424853)

[87] (2424853)

[22] 2003-04-08

[30] FR (02 04465) 2002-04-10

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[11] **2,430,039**
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61K 39/155 (2006.01) A61K 39/42 (2006.01) C07K 16/10 (2006.01) C12Q 1/70 (2006.01)**

[25] EN

[54] **METHODS OF ADMINISTERING/DOSING ANTI-RSV ANTIBODIES FOR PROPHYLAXIS AND TREATMENT**

[54] **PROCEDES D'ADMINISTRATION / DE DOSAGE D'ANTICORPS ANTI-RSV DESTINES A LA PREVENTION ET AU TRAITEMENT**

[72] YOUNG, JAMES F., US
[72] KOENIG, SCOTT, US
[72] JOHNSON, LESLIE S., US
[72] WU, HERREN, US
[72] WATKINS, JEFFREY D., US
[72] HUSE, WILLIAM D., US
[73] MEDIMMUNE LLC, US
[85] 2003-05-26
[86] 2001-11-28 (PCT/US2001/044807)
[87] (WO2002/043660)
[30] US (09/724,396) 2000-11-28
[30] US (09/724,531) 2000-11-28

[11] **2,431,865**
[13] C

[51] **Int.Cl. A61C 3/00 (2006.01) A61C 1/08 (2006.01) B22D 17/00 (2006.01) A61C 1/16 (2006.01)**

[25] EN

[54] **DENTAL HANDPIECE**

[54] **PIECE A MAIN DENTAIRE**

[72] PAPANAK, TOM, US
[72] NOVAK, EUGENE J., US
[72] BARKER, THOMAS EDWARD, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2003-06-17
[86] 2001-12-14 (PCT/US2001/048387)
[87] (WO2002/054970)
[30] US (60/256,579) 2000-12-18
[30] US (10/017,023) 2001-12-14

[11] **2,431,916**
[13] C

[51] **Int.Cl. A61K 38/22 (2006.01) C07K 14/575 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **NEW THERAPEUTIC USES OF SMRI PEPTIDES**

[54] **UTILISATIONS THERAPEUTIQUES DE PEPTIDES SMRI**

[72] ROUGEOT, CATHERINE, FR
[72] ROUGEON, FRANCOIS, FR
[73] INSTITUT PASTEUR, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2003-06-16
[86] 2001-12-24 (PCT/IB2001/002819)
[87] (WO2002/051435)
[30] EP (00403670.3) 2000-12-22

[11] **2,436,264**
[13] C

[51] **Int.Cl. A61K 35/74 (2006.01) A61P 31/00 (2006.01) C12N 1/20 (2006.01)**

[25] EN

[54] **ENDOTOXIN BINDING BY LACTIC ACID BACTERIA AND BIFIDOBACTERIA**

[54] **LIAISON D'ENDOTOXINES PAR DES BACTERIES ET DES BIFIDOBACTERIES D'ACIDE LACTIQUE**

[72] SCHIFFRIN, EDUARDO, CH
[72] KOCIUBINSKI, GUILLERMO, US
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2003-07-25
[86] 2002-02-01 (PCT/EP2002/001163)
[87] (WO2002/062360)
[30] EP (01200436.2) 2001-02-06

[11] **2,438,884**
[13] C

[51] **Int.Cl. C12N 15/56 (2006.01) A21D 2/26 (2006.01) A21D 8/04 (2006.01) A23K 1/165 (2006.01) C07K 16/40 (2006.01) C12C 11/00 (2006.01) C12N 9/26 (2006.01) C12N 9/28 (2006.01) C12N 15/63 (2006.01) C12P 7/02 (2006.01) C12P 19/14 (2006.01) D06M 16/00 (2006.01) D21H 21/14 (2006.01) G06F 17/00 (2006.01)**

[25] EN

[54] **ENZYMES HAVING ALPHA AMYLASE ACTIVITY AND METHODS OF USE THEREOF**

[54] **ENZYMES A ACTIVITE ALPHA AMYLASE ET LEURS PROCEDES D'UTILISATION**

[72] CALLEN, WALTER, US
[72] RICHARDSON, TOBY, US
[72] FREY, GERHARD, US
[72] GRAY, KEVIN A., US
[72] SHORT, JAY M., US
[72] KEROVUO, JANNE S., US
[72] MATHUR, ERIC J., US
[72] SLUPSKA, MALGORZATA, US
[73] VERENIUM CORPORATION, US
[85] 2003-08-20
[86] 2002-02-21 (PCT/US2002/005068)
[87] (WO2002/068589)
[30] US (60/270,495) 2001-02-21
[30] US (60/270,496) 2001-02-21
[30] US (60/291,122) 2001-05-14

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[11] **2,446,874**
[13] C

[51] **Int.Cl. G06F 17/14 (2006.01) G06F 7/00 (2006.01) G06T 9/00 (2006.01) H03M 7/30 (2006.01) H04N 1/32 (2006.01) H04N 1/41 (2006.01) H04N 7/12 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR ENCODING AND COMPUTING A DISCRETE COSINE TRANSFORM USING A BUTTERFLY PROCESSOR**

[54] **APPAREIL ET PROCEDE DE DECODAGE ET PROCEDE DE DECODAGE ET DE CALCUL D'UNE TRANSFORMEE EN COSINUS DISCRETS INVERSE PAR UN PROCESSEUR BUTTERFLY**

[72] LAROCCA, JUDITH, US
[72] IRVINE, A. CHRIS, US
[72] LEVIN, JEFFREY A., US
[73] QUALCOMM INCORPORATED, US
[85] 2003-11-07
[86] 2002-05-15 (PCT/US2002/015916)
[87] (WO2002/093359)
[30] US (60/291,467) 2001-05-16
[30] US (09/876,789) 2001-06-06

[11] **2,456,593**
[13] C

[51] **Int.Cl. C07K 14/62 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/16 (2006.01) A61K 38/28 (2006.01) A61P 3/10 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C12Q 1/02 (2006.01) G01N 33/50 (2006.01) G01N 33/74 (2006.01)**

[25] EN

[54] **PEPTIDES FOR THE DIAGNOSIS, MONITORING AND TREATMENT OF DIABETES**

[54] **PEPTIDES POUR LE DIAGNOSTIC, LA SURVEILLANCE ET LE TRAITEMENT DU DIABETE**

[72] PEAKMAN, MARK, GB
[73] KING'S COLLEGE LONDON, GB
[86] (2456593)
[87] (2456593)
[22] 2004-02-27
[30] GB (0402129.1) 2004-01-30

[11] **2,459,168**
[13] C

[51] **Int.Cl. C07D 493/04 (2006.01) C07C 205/51 (2006.01) C07D 307/20 (2006.01)**

[25] EN

[54] **METHOD FOR THE PREPARATION OF HEXAHYDRO-FURO[2,3-B]FURAN-3-OL**

[54] **PROCEDE DE PREPARATION D'UN HEXAHYDRO-FURO[2,3-B]FURANE-3-OL**

[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] SURLERAUX, DOMINIQUE LOUIS NESTOR GHISLAIN, BE
[72] QUAEDFLIEG, PETER JAN LEONARD MARIO, NL
[73] TIBOTEC PHARMACEUTICALS LTD., IE
[85] 2004-03-01
[86] 2002-09-06 (PCT/EP2002/010062)
[87] (WO2003/022853)
[30] EP (01203416.1) 2001-09-10

[11] **2,460,739**
[13] C

[51] **Int.Cl. A61B 18/02 (2006.01) A61B 17/00 (2006.01) A61B 18/00 (2006.01)**

[25] EN

[54] **MALLEABLE CRYOSURGICAL PROBE**

[54] **CRYOSONDE MALLEABLE**

[72] YU, XIAOYU, US
[72] BATTLES, DAVID J., US
[72] EUM, JAY J., US
[73] ENDOCARE, INC., US
[85] 2004-03-17
[86] 2002-09-19 (PCT/US2002/029767)
[87] (WO2003/024313)
[30] US (09/957,337) 2001-09-20

[11] **2,464,867**
[13] C

[51] **Int.Cl. A61K 31/11 (2006.01) A61K 8/02 (2006.01) A61K 8/33 (2006.01) A61K 8/41 (2006.01) A61K 8/49 (2006.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01) A61K 31/133 (2006.01) A61K 31/455 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL AND COSMETIC COMPOSITIONS CONTAINING OXY GROUP-BEARING AROMATIC ALDEHYDES**

[54] **COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES CONTENANT DES ALDEHYDES AROMATIQUES PORTEURS DE GROUPES OXY**

[72] ENGLER, CHARLES R., US
[72] FULLER, BRYAN, US
[72] PILCHER, BRIAN KEITH, US
[73] ALLERGAN, INC., US
[85] 2004-04-26
[86] 2002-08-16 (PCT/US2002/021844)
[87] (WO2003/043621)
[30] US (60/332,277) 2001-11-16
[30] US (60/346,049) 2002-01-04
[30] US (60/368,518) 2002-04-01
[30] US (60/368,565) 2002-04-01
[30] US (60/384,589) 2002-05-30
[30] US (60/384,690) 2002-05-30

[11] **2,466,210**
[13] C

[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/103 (2006.01)**

[25] FR

[54] **VIDEOCONFERENCE GONIOMETER**

[54] **GONIOMETRE VIDEO UTILISANT DES MARQUEURS OPTIQUES**

[72] BERNARD, MARIE-MADELEINE, CA
[72] FRUHWIRTH, MATHIAS, CA
[73] BERNARD, MARIE-MADELEINE, CA
[73] FRUHWIRTH, MATHIAS, CA
[85] 2004-04-21
[86] 2002-12-02 (PCT/FR2002/004121)
[87] (WO2003/045240)
[30] FR (01/15571) 2001-11-30

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[11] **2,469,408**
[13] C
[51] **Int.Cl. B05B 11/00 (2006.01) A61M 11/00 (2006.01) A61M 11/04 (2006.01) A61K 9/12 (2006.01) A61M 15/00 (2006.01) A61M 21/00 (2006.01) H05B 3/00 (2006.01)**
[25] EN
[54] **AEROSOL GENERATOR HAVING HEATER ARRANGED TO VAPORIZE FLUID IN FLUID PASSAGE BETWEEN BONDED LAYERS OF LAMINATE**
[54] **GENERATEUR D'AEROSOL COMPRENANT UN DISPOSITIF DE CHAUFFAGE UTILISE A DES FINS DE VAPORISATION**
[72] SHERWOOD, TIMOTHY S., US
[72] SOWERS, SCOTT A., US
[72] REDDY, SIRISHA P., US
[72] SPRINKEL, MURPHY F., JR, US
[72] COX, KENNETH A., US
[72] NICHOLS, WALTER A., US
[73] PHILIP MORRIS USA INC., US
[85] 2004-06-04
[86] 2002-12-04 (PCT/US2002/038685)
[87] (WO2003/049535)
[30] US (10/003,852) 2001-12-06

[11] **2,470,801**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/053 (2006.01) A61M 5/168 (2006.01) H01Q 1/40 (2006.01) H01Q 9/04 (2006.01) H01Q 13/18 (2006.01)**
[25] EN
[54] **DETECTION OF FLUIDS IN TISSUE**
[54] **DETECTION DE FLUIDES DANS DES TISSUS**
[72] HIRSCHMAN, ALAN D., US
[72] BOUTON, CHAD, US
[73] MEDRAD INCORPORATED, US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023925)
[87] (WO2003/009753)
[30] US (60/308,012) 2001-07-26

[11] **2,471,352**
[13] C
[51] **Int.Cl. A01H 1/04 (2006.01) A01H 4/00 (2006.01) C12N 5/04 (2006.01) G02B 21/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THREE-DimensionALLY IMAGING AN APICAL DOME OF A PLANT**
[54] **METHODE ET SYSTEME DE REPRESENTATION TRIDIMENSIONNELLE DU DOME APICAL D'UNE PLANTE**
[72] CARLSON, WILLIAM C., US
[72] HIRAHARA, EDWIN, US
[72] SPENCER, PAUL ROGER, US
[73] WEYERHAEUSER NR COMPANY, US
[86] (2471352)
[87] (2471352)
[22] 2004-06-17
[30] US (60/560,718) 2003-06-30

[11] **2,474,892**
[13] C
[51] **Int.Cl. G11B 20/10 (2006.01) G06F 11/00 (2006.01) G06F 12/00 (2006.01) G11B 7/00 (2006.01) G11B 7/004 (2006.01) G11B 27/00 (2006.01)**
[25] EN
[54] **INFORMATION RECORDING MEDIUM, METHOD OF CONFIGURING VERSION INFORMATION THEREOF, RECORDING AND REPRODUCING METHOD USING THE SAME, AND RECORDING AND REPRODUCING APPARATUS THEREOF**
[54] **SUPPORT D'ENREGISTREMENT DE DONNEES, METHODE DE CONFIGURATION DES DONNEES DE VERSION CONNEXES, METHODE D'ENREGISTREMENT ET DE REPRODUCTION EN FAISANT USAGE ET APPAREIL D'ENREGISTREMENT ET DE REPRODUCTION CONNEXE**
[72] SUH, SANG WOON, KR
[73] LG ELECTRONICS INC., KR
[85] 2004-07-22
[86] 2004-06-25 (PCT/KR2004/001551)
[87] (WO2005/017885)
[30] KR (P10-2003-56543) 2003-08-14

[11] **2,476,217**
[13] C
[51] **Int.Cl. B01L 3/00 (2006.01) B01F 5/00 (2006.01) B01F 13/00 (2006.01) B01J 19/00 (2006.01) B01J 23/58 (2006.01) C01B 3/38 (2006.01) F28D 9/00 (2006.01) F28F 3/04 (2006.01) F28F 3/08 (2006.01) F28F 27/02 (2006.01) B01J 35/06 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **METHODS OF MAKING DEVICES BY STACKING SHEETS AND PROCESSES OF CONDUCTING UNIT OPERATIONS USING SUCH DEVICES**
[54] **METHODES DE FABRICATION DE DISPOSITIFS PAR EMPILEMENT DE COUCHES ET PROCEDES DE MISE EN OEUVRE D'OPERATIONS UNITAIRES A L'AIDE DE CES DISPOSITIFS**
[72] TONKOVICH, ANNA LEE Y., US
[72] ROBERTS, GARY, US
[72] FITZGERALD, SEAN P., US
[72] NEAGLE, PAUL W., US
[72] QIU, DONGMING, US
[72] SCHMIDT, MATTHEW, US
[73] BATTELLE MEMORIAL INSTITUTE, US
[85] 2004-08-12
[86] 2003-02-13 (PCT/US2003/002681)
[87] (WO2003/068400)
[30] US (10/076,915) 2002-02-14

[11] **2,480,711**
[13] C
[51] **Int.Cl. C09D 167/06 (2006.01) C08G 63/00 (2006.01)**
[25] EN
[54] **LOW VOLATILE ORGANIC COMPOUND, LOW TACK GEL COAT RESIN**
[54] **RESINE D'ENDUIT EN GEL FAIBLEMENT POISSEUSE A BASE DE COMPOSE ORGANIQUE FAIBLEMENT VOLATIL**
[72] CRUMP, SCOTT LARRY, US
[72] ZHAO, MING-YANG, US
[72] HSU, CHIH-PIN G., US
[72] PEZRON, ERWOAN, FR
[73] CCP COMPOSITES US LLC, US
[85] 2004-09-28
[86] 2003-04-08 (PCT/EP2003/003627)
[87] (WO2003/085056)
[30] US (10/118,270) 2002-04-08

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[11] **2,480,906**
[13] C

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 1/00 (2006.01) G06F 3/00 (2006.01) G06F 9/46 (2006.01) G06F 12/14 (2006.01) G06F 15/76 (2006.01)**

[25] EN

[54] **INTEGRATION OF HIGH-ASSURANCE FEATURES INTO AN APPLICATION THROUGH APPLICATION FACTORING**

[54] **INTEGRATION DE CARACTERISTIQUES D'ASSURANCE DE NIVEAU ELEVE DANS UNE APPLICATION PAR LA FACTORISATION D'APPLICATION**

[72] RAY, KENNETH D., US

[72] PEINADO, MARCUS, US

[72] ENGLAND, PAUL, US

[72] KURIEN, THEKKTHALACKAL VARUGIS, US

[73] MICROSOFT CORPORATION, US

[86] (2480906)

[87] (2480906)

[22] 2004-09-09

[30] US (10/693,749) 2003-10-24

[11] **2,481,799**
[13] C

[51] **Int.Cl. C12N 15/863 (2006.01) A61K 39/12 (2006.01) C07K 14/065 (2006.01) C07K 14/07 (2006.01) C07K 14/18 (2006.01) C12N 7/01 (2006.01) C12N 15/39 (2006.01) C12N 15/40 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**

[25] EN

[54] **RECOMBINANT POXVIRUS EXPRESSING HOMOLOGOUS GENES INSERTED INTO THE POXVIRAL GENOME**

[54] **POXVIRUS RECOMBINANT EXPRIMANT DES GENES HOMOLOGUES INTRODUIITS DANS LE GENOME POXVIRAL**

[72] HOWLEY, PAUL, AU

[72] LEYRER, SONJA, DE

[73] BAVARIAN NORDIC A/S, DK

[85] 2004-10-06

[86] 2003-05-14 (PCT/EP2003/005047)

[87] (WO2003/097846)

[30] DK (PA 2002 00753) 2002-05-16

[30] DK (PA 2002 00752) 2002-05-16

[11] **2,484,318**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/415 (2006.01) A61K 31/4174 (2006.01) A61K 31/496 (2006.01) A61K 45/06 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61K 47/38 (2006.01)**

[25] EN

[54] **WARMING AND NONIRRITATING LUBRICANT ANTIFUNGAL GEL COMPOSITIONS**

[54] **COMPOSITIONS DE GEL ANTIFONGIQUES LUBRIFIANTES, NON IRRITANTES ET CHAUFFANTES**

[72] AHMAD, NAWAZ, US

[72] LAMB, C. SCOTT, US

[72] LONARDO, EMILIA CASILIO, US

[73] MCNEIL-PPC, INC., US

[85] 2004-10-29

[86] 2003-05-01 (PCT/US2003/013475)

[87] (WO2003/092650)

[30] US (10/137,509) 2002-05-01

[30] US (10/389,871) 2003-03-17

[11] **2,489,622**
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[54] **POWER TRANSMISSION FLUIDS WITH IMPROVED FRICTION CHARACTERISTICS**

[54] **FLUIDES DE TRANSMISSION D'ENERGIE A CARACTERISTIQUES DE FROTTEMENT AMELIORES**

[72] WATTS, RAYMOND F., US

[72] GORDA, KEITH R., US

[73] INFINEUM INTERNATIONAL LIMITED, GB

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[22] 2004-12-09

[30] US (10/731,800) 2003-12-09

[11] **2,489,788**
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[54] **METHOD AND SYSTEM FOR ACCOMPLISHING PRODUCT DETECTION**

[54] **PROCEDE ET SYSTEME POUR DETECTER UN PRODUIT**

[72] WHITTEN, DAVID B., US

[72] BOOTH, WILLIAM E., US

[72] GRINER, PAUL K., US

[72] DUNCAN, BRIAN L., US

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[11] **2,489,915**
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[54] **METHOD OF ASSESSING SKIN AND OVERALL HEALTH OF AN INDIVIDUAL**

[54] **METHODE D'EVALUATION DE LA PEAU ET DE LA SANTE GENERALE D'UNE PERSONNE**

[72] STAMATAS, GEORGIOS N., US

[72] KOLLIAS, NIKIFOROS, US

[72] NIKOLOVSKI, JANETA, US

[72] WIEGAND, BENJAMIN CARL, US

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

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[22] 2004-12-08

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[54] **MISE EN GRAPPE DE CONTENU DYNAMIQUE**

[72] WEARE, CHRISTOPHER B., US

[73] MICROSOFT CORPORATION, US

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[25] EN

[54] **METHOD AND DEVICE FOR EFFICIENT IN-BAND DIM-AND-BURST SIGNALING AND HALF-RATE MAX OPERATION IN VARIABLE BIT-RATE WIDEBAND SPEECH CODING FOR CDMA WIRELESS SYSTEMS**

[54] **PROCEDE ET DISPOSITIF D'INFORMATION DE SIGNALISATION DANS LA BANDE ET DE FONCTIONNEMENT MAXIMUM EN DEMI DEBIT DE CODAGE VOCAL LARGE BANDE A DEBIT BINAIRE VARIABLE POUR DES SYSTEMES CDMA HERTZIEN**

[72] JELINEK, MILAN, CA
[72] SALAMI, REDWAN, CA
[73] NOKIA CORPORATION, FI
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[54] **ACTIVATION DES RECEPTEURS DE L'HORMONE PARATHYROIDE ET EXPANSION DE CELLULES PROGENITRICES HEMATOPOIETIQUES**

[72] CALVI, LAURA M., US
[72] ADAMS, GREGOR B., US
[72] KRONENBERG, HENRY M., US
[72] SCADDEN, DAVID T., US
[73] THE GENERAL HOSPITAL CORPORATION, US
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[54] **METHOD AND SYSTEM FOR ISSUING AND USING GAMING MACHINE RECEIPTS**

[54] **PROCEDE ET SYSTEME DESTINES A EMETTRE ET A UTILISER LES RECUS DE MACHINES DE JEU**

[72] ROWE, RICK, US
[72] CHILTON, WARD, US
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[85] 2005-02-17
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[54] **ALLELE SPECIFIC PRIMER EXTENSION**

[54] **EXTENSION D'AMORCE SPECIFIQUE A L'ALLELE**

[72] SOOD, ANUP, US
[72] KUMAR, SHIV, US
[72] FULLER, CARL, US
[72] NELSON, JOHN, US
[72] MACKLIN, JOHN, US
[73] GE HEALTHCARE BIO-SCIENCES CORP., US
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[54] **A SYSTEM AND METHOD FOR BEAMFORMING USING A MICROPHONE ARRAY**

[54] **SYSTEME ET METHODE DE MISE EN FORME DE FAISCEAU AU MOYEN D'UN RESEAU DE MICROPHONES**

[72] MALVAR, HENRIQUE S., US
[72] TASHEV, IVAN, US
[73] MICROSOFT CORPORATION, US
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[25] EN

[54] **LOCAL VASCULAR DELIVERY OF 2-METHOXYESTRADIOL IN COMBINATION WITH RAPAMYCIN TO PREVENT RESTENOSIS FOLLOWING VASCULAR INJURY**

[54] **ADMINISTRATION VASCULAIRE LOCALE DE 2-METHOXYESTRADIOL EN COMBINAISON AVEC LA RAPAMYCINE AFIN DE PREVENIR UNE RESTENOSE A LA SUITE D'UNE LESION VASCULAIRE**

[72] FALOTICO, ROBERT, US
[72] PARRY, TOM JAY, US
[72] ZHAO, JONATHON Z., US
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[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[11] **2,507,070**
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[54] **UNITE DE PROPULSION POUR FAUTEUILS ROULANTS**
[72] MITCHELL, RAYMOND LARRY, CA
[73] DESIGN PAR/BY MITCHELL INC., CA
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[54] **POINT-SUPPORTED GLAZED CLADDING SYSTEM**
[54] **SYSTEME DE REVETEMENT VITRE AVEC POINTS DE FIXATION**
[72] MILBURN, DOUG, CA
[73] ADVANCED GLAZING TECHNOLOGIES LIMITED (AGTL), CA
[86] (2507558)
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[54] **INHALATION METHOD AND APPARATUS FOR TIME DRUG DELIVERY**
[54] **METHODE ET APPAREIL D'INHALATION POUR L'ADMINISTRATION PROGRAMMEE D'UN MEDICAMENT**
[72] DENYER, JONATHAN S. H., GB
[72] PRINCE, IVAN R., GB
[72] DYCHE, ANTHONY, GB
[73] RESPIRONICS (UK) LTD., GB
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[54] **PROCEDES ET SYSTEMES POUR LA MISE EN MEMOIRE TAMPON DE CONFERENCES TELEPHONIQUES**
[72] REDING, CRAIG L., US
[72] REFORMATO, JOHN R., US
[72] HELBLING, CHRIS L., US
[72] SWINGLE, LOREN C., US
[72] MAJID, ZIAUDDIN R., US
[72] ROBERTS, BRIAN F., US
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[25] EN
[54] **USING BEAMFORMING AND CLOSED LOOP TRANSMIT DIVERSITY IN A MULTI-BEAM ANTENNA SYSTEM**
[54] **UTILISATION D'UNE MISE EN FORME DU FAISCEAU ET D'UNE DIVERSITE D'EMISSION EN BOUCLE FERMEE DANS UN SYSTEME D'ANTENNE A PLUSIEURS FAISCEAUX**
[72] GORANSSON, BO, SE
[72] HAGERMAN, BO, SE
[72] LOGOTHETIS, ANDREW, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2005-05-26
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[13] C

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[25] EN
[54] **SCAN HEAD ROTATION AT DIFFERENT OPTIMUM ANGLES**
[54] **ROTATION DE TETE DE BALAYAGE A DIFFERENTS ANGLES OPTIMAUX**
[72] HAMILTON, ALISTAIR, US
[72] BHATIA, SUDHIR, US
[72] CHOI, JAEHO, US
[73] SYMBOL TECHNOLOGIES, INC., US
[86] (2504671)
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[22] 2005-04-21
[30] US (10/830,537) 2004-04-23

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[13] C

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[54] **PYRAZINE-BASED TUBULIN INHIBITORS**

[54] **INHIBITEURS DE TUBULINE A BASE DE PYRAZINE**

[72] BURNS, CHRISTOPHER JOHN, AU

[72] WILKS, ANDREW FREDERICK, AU

[72] SIKANYIKA, HARRISON, AU

[72] HARTE, MICHAEL FRANCIS, AU

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[30] US (60/483,399) 2003-06-26

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[13] C

[51] **Int.Cl. B65G 33/34 (2006.01) B65G 33/26 (2006.01)**

[25] EN

[54] **SWEEP AUGER ELEVATOR DRIVE WHEEL**

[54] **ROUE D'ENTRAINEMENT D'ELEVATEUR A VIS DE BALAYAGE**

[72] LEPP, HENRY PETER, CA

[72] LEPP, HERMAN PETER, CA

[72] VAN MEIJL, FRANS, CA

[72] ROUTLEDGE, RONALD GORDON, CA

[73] LEPP, HENRY PETER, CA

[73] LEPP, HERMAN PETER, CA

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[73] ROUTLEDGE, RONALD GORDON, CA

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[22] 2005-05-25

[11] **2,510,315**
[13] C

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[54] **ANTIBODIES AGAINST GPR64 AND USES THEREOF**

[54] **ANTICORPS ANTI-GPR64 ET UTILISATIONS**

[72] LAW, DEBBIE, US

[72] WANG, QI, US

[72] DUBRIDGE, ROBERT, US

[72] BHASKAR, VINAY, US

[73] ABBVIE BIOTHERAPEUTICS INC., US

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[54] **TRAIN D'ATTERRISSAGE AVEC AMORTISSEUR DE VIBRATIONS**

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[73] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE

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[11] **2,511,201**
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[51] **Int.Cl. H04W 12/06 (2009.01) H04W 4/12 (2009.01)**

[25] EN

[54] **SYSTEM AND METHOD OF USER CREDENTIAL MANAGEMENT**

[54] **SYSTEME ET METHODE DE GESTION DE LEGITIMATION D'UTILISATEUR**

[72] ELBURY, IAN, CA

[72] HODUL, RASTISLAV, CA

[73] PSION INC., CA

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[54] **FLOW MEASURING METHOD AND DEVICE**

[54] **PROCEDE ET DISPOSITIF DE MESURE D'ECOULEMENT**

[72] BRAATEN, NILS ARNE, NO

[73] ROXAR ASA, NO

[85] 2005-02-22

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[54] **JIG APPARATUS**

[54] **DISPOSITIF A GABARIT**

[72] MCDANIEL, STEVEN D., US

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[72] WILLARD, MATTHEW C., US

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[30] US (60/592,734) 2004-07-30

[30] US (60/664,053) 2005-03-22

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[13] C

[51] **Int.Cl. H04W 72/14 (2009.01) H04W 28/14 (2009.01) H04W 28/16 (2009.01)**

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[54] **MAITRISE DE L'ENCOMBREMENT DANS UN RESEAU DE DONNEES SANS FIL**

[72] SARKAR, SANDIP, US

[73] QUALCOMM INCORPORATED, US

[85] 2005-08-15

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[30] US (60/448,269) 2003-02-18

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[54] **METHOD OF MODIFYING IRON BASED GLASSES TO INCREASE CRYSTALLIZATION TEMPERATURE WITHOUT CHANGING MELTING TEMPERATURE**
[54] **PROCEDE DE MODIFICATION DE VERRES AU FER POUR EN AUGMENTER LA TEMPERATURE DE CRISTALLISATION SANS EN CHANGER LA TEMPERATURE DE FUSION.**
[72] BRANAGAN, DANIEL JAMES, US
[73] THE NANOSTEEL COMPANY, US
[85] 2005-08-15
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[13] C

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[25] EN
[54] **A METHOD AND APPARATUS FOR PRODUCING A HIGHER POWER OUTPUT FROM A LIGHT BEAM**
[54] **PROCEDE ET APPAREIL SERVANT PRODUIRE UNE PUISSANCE DE SORTIE SUPERIEURE A PARTIR D'UN FAISCEAU LUMINEUX**
[72] CLAY, JOSEPH M., US
[73] SPACEDESIGN CORPORATION, US
[85] 2005-09-16
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[54] **LUPUS ANTIBODIES FOR PASSIVE IMMUNOTHERAPY OF HIV/AIDS**
[54] **ANTICORPS LUPUS POUR IMMUNOTHERAPIE PASSIVE CONTRE LE VIH/SIDA**
[72] PAUL, SUDHIR, US
[73] PAUL, SUDHIR, ZZ
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[25] EN
[54] **RESPIRATORY MONITORING, DIAGNOSTIC AND THERAPEUTIC SYSTEM**
[54] **SYSTEME DE SURVEILLANCE, DE DIAGNOSTIC ET DE TRAITEMENT D'AFFECTIONS RESPIRATOIRES**
[72] TSUKASHIMA, ROSS, US
[72] SCHIPPER, JEFFERY, US
[72] ROUCHER, LEO, US
[72] WOLF, ERICH, US
[73] SIERRA MEDICAL TECHNOLOGY, INC., US
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[25] EN
[54] **COMPLIANT SEAL AND SYSTEM AND METHOD THEREOF**
[54] **JOINT D'ETANCHEITE SOUPLE ET SYSTEME ET METHODE CONNEXES**
[72] GHASRIPOOR, FARSHAD, US
[72] AWATAR, SHORYA, US
[72] TURNQUIST, NORMAN ARNOLD, US
[72] FANG, BIAO, US
[72] FLECKER, CARL ANTHONY, III, US
[72] STEGMAIER, JAMES WILLIAM, US
[72] NICHOLS, GLENN HERBERT, US
[72] PRZYTULSKI, JAMES CHARLES, US
[72] BRINK, KURT GROVER, US
[72] LYKINS, RICHARD COHEN, US
[72] THYSSEN, JEFFREY REID, US
[72] AKSIT, MAHMUT FARUK, TR
[73] GENERAL ELECTRIC COMPANY, US
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[22] 2005-09-22
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[54] **MOBILE TELEVISION RECEIVER**
[54] **RECEPTEUR DE TELEVISION MOBILE**
[72] TEICHNER, DETLEF, DE
[72] LINK, HERMANN, DE
[73] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
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[51] **Int.Cl. A61B 5/083 (2006.01) A61B 5/08 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **A NEW METHOD OF MEASURING CARDIAC RELATED PARAMETERS NON-INVASIVELY WITH SPONTANEOUS AND CONTROLLED VENTILATION**
[54] **NOUVELLE METHODE DE MESURE DES PARAMETRES CARDIAQUES NON INVASIVE AVEC VENTILATION SPONTANEE ET CONTROLEE**
[72] FISHER, JOSEPH, CA
[72] AZAMI, TAKAFUMI, CA
[72] ISCOE, STEVE, CA
[72] PREISS, DAVID, CA
[72] PRISMAN, EITAN, CA
[72] SOMOGYI, RON, CA
[72] VESELY, ALEX, CA
[73] THORNHILL SCIENTIFIC INC., CA
[85] 2005-08-15
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[87] (WO2004/073482)
[30] CA (2,419,622) 2003-02-19

[11] **2,522,933**
[13] C

[51] **Int.Cl. G01J 3/42 (2006.01) G01J 3/46 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING MATCHED COATING COMPOSITIONS AND DEVICE USED THEREFOR**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DE REVETEMENT NUANCEE ET DISPOSITIF ASSOCIE**
[72] RODRIGUES, ALLAN BLASE JOSEPH, US
[72] GRIFFUS, DAVID LEE, US
[72] WARD, MICHELLE GRACE, US
[72] GIBSON, MARK ALAN, US
[73] COATINGS FOREIGN IP CO. LLC, US
[85] 2005-10-19
[86] 2004-05-06 (PCT/US2004/014371)
[87] (WO2004/101689)
[30] US (60/468,595) 2003-05-07

[11] **2,523,295**
[13] C

[51] **Int.Cl. F24D 15/02 (2006.01) F16K 17/04 (2006.01) F16K 31/02 (2006.01) F16K 31/04 (2006.01) F16K 31/06 (2006.01) F23D 14/46 (2006.01) F23N 1/02 (2006.01) F24D 19/02 (2006.01) F24D 19/10 (2006.01)**
[25] EN
[54] **RADIANT TUBE HEATER ASSEMBLIES**
[54] **ENSEMBLES D'APPAREIL DE CHAUFFAGE A TUBE RADIANT**
[72] VANCAK, JOHN, CA
[73] VANCAK, JOHN, CA
[86] (2523295)
[87] (2523295)
[22] 2005-10-13
[30] US (60/618,164) 2004-10-14

[11] **2,523,507**
[13] C

[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/42 (2006.01)**
[25] EN
[54] **VEGETABLE OIL BASED POLYOLS AND POLYURETHANES MADE THEREFROM**
[54] **HUILE VEGETALE A BASE DE POLYOLS ET POLYURETHANNES CONCUS A PARTIR DE CELLE-CI**
[72] LYSENKO, ZENON, US
[72] SCHROCK, ALAN K., US
[72] BABB, DAVID A., US
[72] SANDERS, AARON, US
[72] TSAVALAS, JOHN, US
[72] JOUETT, H. RAY, US
[72] CHAMBERS, LARRY, US
[72] KEILLOR, CHARLES M., US
[72] GILCHRIST, JAMES H., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2005-10-24
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[87] (WO2004/096882)
[30] US (60/465,685) 2003-04-25

[11] **2,523,512**
[13] C

[51] **Int.Cl. G07F 11/00 (2006.01)**
[25] EN
[54] **PRODUCT DISCHARGE AND DELIVERY SYSTEM FOR A VENDING MACHINE**
[54] **SYSTEME DE DECHARGE ET DE DISTRIBUTION DE PRODUITS POUR DISTRIBUTEUR AUTOMATIQUE**
[72] ARDERN, JOHN, US
[72] BOWEN, DAN, US
[72] MILLER, PAUL, US
[72] PERCY, CHARLES WAYNE, US
[72] POYCK, KEVIN, US
[72] SCHMIDT, DENISE A., US
[73] CRANE MERCHANDISING SYSTEMS, INC., US
[86] (2523512)
[87] (2523512)
[22] 2005-10-14

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[13] C

[51] **Int.Cl. G10L 15/197 (2013.01)**
[25] EN
[54] **GENERIC SPELLING MNEMONICS**
[54] **MNEMONIQUES D'EPELLATION GENERALE**
[72] CHELBA, CIPRIAN I., US
[72] CHAMBERS, ROBERT L., US
[72] WU, QIANG, US
[72] MOWATT, DAVID, US
[73] MICROSOFT CORPORATION, US
[86] (2523933)
[87] (2523933)
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[25] EN
[54] **TREATMENT OF NEURODEGENERATIVE CONDITIONS**
[54] **TRAITEMENT D'ETATS NEURODEGENERATIFS**
[72] HARBIGE, LAURENCE S., GB
[72] LEACH, MICHAEL J., GB
[72] SHARIEF, MOHAMMED, GB
[73] BTG INTERNATIONAL LIMITED, GB
[85] 2005-10-27
[86] 2004-05-14 (PCT/GB2004/002089)
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[30] GB (0311081.4) 2003-05-14
[30] US (60/497,332) 2003-08-25

[11] **2,524,108**
[13] C

[51] **Int.Cl. B60R 19/00 (2006.01) B60R 13/00 (2006.01)**
[25] EN
[54] **ASSEMBLY COMPRISING AT LEAST ONE DRIVE WHEEL AND A FAIRING FOR A HEAVY GOODS VEHICLE, AND THE CORRESPONDING HEAVY GOODS VEHICLE**
[54] **ENSEMBLE COMPRENANT AU MOINS UNE ROUE MOTRICE ET UN CARENAGE POUR VEHICULE A MARCHANDISES PONDEREUSES, ET VEHICULE CORRESPONDANT**
[72] BONNAUD, BERNARD, FR
[72] CORNUAULT, BRUNO, FR
[73] IRISBUS FRANCE S.A., FR
[86] (2524108)
[87] (2524108)
[22] 2005-10-21
[30] FR (0411365) 2004-10-25

[11] **2,526,463**
[13] C

[51] **Int.Cl. H04J 14/02 (2006.01)**
[25] EN
[54] **A METHOD FOR CONVEYING MANAGEMENT INFORMATION**
[54] **PROCEDE DE TRANSPORT D'INFORMATIONS DE GESTION**
[72] FORSBERG, GUNNAR, SE
[72] SANDELL, JOHAN, SE
[73] TRANSMODE SYSTEMS AB, SE
[85] 2005-11-18
[86] 2004-05-11 (PCT/SE2004/000717)
[87] (WO2004/107627)
[30] SE (0301578-1) 2003-05-28
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[11] **2,527,351**
[13] C

[51] **Int.Cl. G01N 27/447 (2006.01) B01D 57/02 (2006.01)**
[25] FR
[54] **PROCESS FOR ANALYZING HEMOGLOBIN BY CAPILLARY ELECTROPHORESIS, CAPILLARY ELECTROPHORESIS KIT AND USE OF FLOW RATE REDUCER IN SUCH A PROCESS**
[54] **PROCEDE D'ANALYSE DE L'HEMOGLOBINE PAR ELECTROPHORESE CAPILLAIRE, TROUSSE POUR ELECTROPHORESE CAPILLAIRE ET UTILISATION DE RALENTISSEUR DE FLUX DANS UN TEL PROCEDE**
[72] ROBERT, FREDERIC, FR
[72] SIMONIN, DENIS, FR
[72] CLEMENT, JEAN-BAPTISTE, FR
[73] SEBIA, FR
[86] (2527351)
[87] (2527351)
[22] 2005-11-17
[30] FR (0412263) 2004-11-18

[11] **2,528,478**
[13] C

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/34 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **SURGICAL SEAL FOR USE IN A SURGICAL ACCESS APPARATUS**
[54] **JOINT D'ETANCHEITE CHIRURGICAL POUR UTILISATION DANS UN DISPOSITIF D'ACCES CHIRURGICAL**
[72] CUEVAS, BRIAN, US
[72] WENCHELL, THOMAS, US
[72] VIOLA, FRANK J., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2528478)
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[22] 2005-11-30
[30] US (11/030,634) 2005-01-06

[11] **2,528,803**
[13] C

[51] **Int.Cl. A47F 1/00 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER SHELF MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DES TABLETTES POUR CONTENANTS DE BOISSONS**
[72] HANRETTY, PETER J., US
[73] SOURCE 1 DISPLAYS, A DIVISION OF FORTUNE RESOURCES, INC., US
[86] (2528803)
[87] (2528803)
[22] 2005-12-01

[11] **2,529,041**
[13] C

[51] **Int.Cl. C07C 7/04 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **RECOVERY AND PURIFICATION OF ETHYLENE**
[54] **RECUPERATION ET PURIFICATION D'ETHYLENE**
[72] REYNEKE, RIAN, US
[72] FORAL, MICHAEL J., US
[72] LEE, GUANG-CHUNG, US
[72] ENG, WAYNE W. Y., US
[72] SINCLAIR, IAIN, GB
[72] LOGSDON, JEFFERY S., US
[73] INEOS USA LLC, US
[86] (2529041)
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[22] 2005-12-06
[30] US (11/017,159) 2004-12-20

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[13] C

[51] **Int.Cl. E21B 49/10 (2006.01)**
[25] EN
[54] **PUMP CONTROLLED
FORMATION FLUID SAMPLING
PROBE WITH CONCENTRIC
SAMPLE TUBES**
[54] **SONDE D'ECHANTILLONNAGE
DE FLUIDE DE FORMATION
COMMANDEE PAR UNE POMPE
AVEC TUBES
D'ECHANTILLONNAGE
CONCENTRIQUES**
[72] RAMAKRISHNAN, TERIZHANDUR
S., US
[73] SCHLUMBERGER CANADA
LIMITED, CA
[86] (2529170)
[87] (2529170)
[22] 2005-12-06
[30] US (11/007,412) 2004-12-08

[11] **2,529,594**
[13] C

[51] **Int.Cl. G10K 11/175 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUPPRESSING
RAIN NOISE**
[54] **SYSTEME DE SUPPRESSION DU
BRUIT DE LA PLUIE**
[72] HETHERINGTON, PHILLIP A., CA
[72] GROVES, ADRIAN R., CA
[73] QNX SOFTWARE SYSTEMS
LIMITED, CA
[86] (2529594)
[87] (2529594)
[22] 2005-12-07
[30] US (11/006935) 2004-12-08

[11] **2,529,914**
[13] C

[51] **Int.Cl. H03M 7/30 (2006.01) G06F
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[25] EN
[54] **REVERSIBLE 2-DIMENSIONAL
PRE-/POST-FILTERING FOR
LAPPED BIORTHOGONAL
TRANSFORM**
[54] **PREFILTRAGE ET
POSTFILTRAGE
BIDIMENSIONNELS
REVERSIBLES POUR UNE
TRANSFORMEE
BIORTHOGONALE A
CHEVAUCHEMENT**
[72] TU, CHENGJIE, US
[72] SRINIVASAN, SRIDHAR, US
[73] MICROSOFT CORPORATION, US
[86] (2529914)
[87] (2529914)
[22] 2005-12-13
[30] US (11/035,991) 2005-01-14

[11] **2,530,771**
[13] C

[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR
PACKET AGGREGATION IN A
WIRELESS COMMUNICATION
NETWORK**
[54] **PROCEDE ET APPAREIL POUR
LE REGROUPEMENT DE
PAQUETS DANS UN RESEAU DE
COMMUNICATION SANS FIL**
[72] TERRY, JOHN, US
[72] JOKELA, JARI, FI
[73] NOKIA CORPORATION, FI
[85] 2005-12-23
[86] 2004-06-28 (PCT/US2004/020911)
[87] (WO2005/004500)
[30] US (60/483,588) 2003-06-27

[11] **2,530,789**
[13] C

[51] **Int.Cl. A61K 51/00 (2006.01) C07H
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C07H 21/04 (2006.01) C12Q 1/00
(2006.01) C12Q 1/02 (2006.01) C12Q
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[25] EN
[54] **METHODS FOR COMPARING
RELATIVE FLUX RATES OF TWO
OR MORE BIOLOGICAL
MOLECULES IN VIVO THROUGH
A SINGLE PROTOCOL**
[54] **PROCEDES POUR COMPARER
DES DEBITS RELATIFS D'AU
MOINS DEUX MOLECULES
BIOLOGIQUES IN VIVO DANS UN
PROTOCOLE SIMPLE**
[72] HELLERSTEIN, MARC K., US
[73] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[85] 2005-12-22
[86] 2004-06-29 (PCT/US2004/021063)
[87] (WO2005/033652)
[30] US (60/484,626) 2003-07-03
[30] US (10/872,280) 2004-06-17

[11] **2,531,051**
[13] C

[51] **Int.Cl. A01H 1/02 (2006.01) A01H
1/06 (2006.01) A01H 5/00 (2006.01)
A01H 5/10 (2006.01) C12N 15/11
(2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING
DOUBLE LOW RESTORER LINES
OF BRASSICA NAPUS HAVING A
GOOD AGRONOMIC VALUE**
[54] **PROCEDE DE PRODUCTION DE
LIGNEES DOUBLE ZERO
RESTAURATRICES DE BRASSICA
NAPUS PRESENTANT UNE
BONNE VALEUR AGRONOMIQUE**
[72] PRIMARD-BRISSET, CATHERINE,
FR
[72] DELOURME, REGINE, FR
[72] HORVAIS, RAYMONDE, FR
[72] BUDAR, FRANCOISE, FR
[72] PELLETIER, GEORGES, FR
[72] RENARD, MICHEL, FR
[72] POUPARD, JEAN-PIERRE, FR
[73] INSTITUT NATIONAL DE LA
RECHERCHE AGRONOMIQUE, FR
[85] 2005-12-29
[86] 2004-07-05 (PCT/IB2004/002491)
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[30] EP (03293057.0) 2003-12-08

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[11] **2,533,124**
[13] C

[51] **Int.Cl. A61K 38/19 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **USE OF CXCL6 CHEMOKINE IN THE PREVENTION OR REPAIR OF CARTILAGE DEFECTS**
[54] **UTILISATION D'UNE CHIMIOKINE CXCL6 DANS LA PREVENTION OU LA REPARATION DE DEFAUTS AU NIVEAU DU CARTILAGE**
[72] LUYTEN, FRANK, BE
[72] DE BARI, COSIMO, GB
[72] DELL'ACCIO, FRANCESCO, GB
[73] TIGENIX N.V., BE
[85] 2006-01-17
[86] 2004-08-12 (PCT/BE2004/000117)
[87] (WO2005/014026)
[30] US (60/494,516) 2003-08-12

[11] **2,533,259**
[13] C

[51] **Int.Cl. A61K 35/12 (2006.01) C12N 15/00 (2006.01) C12N 5/071 (2010.01) A61F 2/02 (2006.01)**
[25] EN
[54] **ACELLULAR TISSUE MATRICES MADE FROM GALACTOSE .ALPHA.-1,3-GALACTOSE-DEFICIENT TISSUE**
[54] **MATRICES DE TISSUS ACELLULAIRES REALISEES A PARTIR DE TISSUS DEFICITAIRES EN GALACTOSE .ALPHA.-1,3-GALACTOSE**
[72] MCQUILLAN, DAVID J., US
[72] GRIFFEY, EDWARD S., US
[72] BENIKER, HERBERT DANIEL, US
[72] XU, HUI, US
[73] LIFECELL CORPORATION, US
[85] 2006-01-20
[86] 2004-07-21 (PCT/US2004/023805)
[87] (WO2005/009134)
[30] US (60/489,245) 2003-07-21

[11] **2,533,340**
[13] C

[51] **Int.Cl. A61F 2/00 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **CLOSING SYSTEM FOR A NATURAL OR AN ARTIFICIAL ANUS**
[54] **SYSTEME D'OBTURATION POUR ANUS NATUREL OU ARTIFICIEL**
[72] GOEBEL, LOTHAR, DE
[73] CREATIVE BALLOONS MASCHINENBAU GMBH & CO. KG, DE
[85] 2006-01-20
[86] 2004-07-23 (PCT/EP2004/008256)
[87] (WO2005/009292)
[30] DE (103 33 706.7) 2003-07-23

[11] **2,533,465**
[13] C

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **A COMPUTER RESOURCE FOR ENABLING RAPID KNOWLEDGE TRANSFER BETWEEN WORKERS**
[54] **RESSOURCE INFORMATIQUE PERMETTANT UN TRANSFERT DE CONNAISSANCES RAPIDE ENTRE DES TRAVAILLEURS**
[72] SWAMINATHAN, KISHORE, US
[72] NEBOLSKY, CHARLES, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2006-01-24
[86] 2004-07-28 (PCT/EP2004/008471)
[87] (WO2005/015455)
[30] US (10/631,468) 2003-07-29

[11] **2,533,740**
[13] C

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61K 9/12 (2006.01)**
[25] EN
[54] **BILIQUID FOAMS, STABLE DISPERSIONS THEREOF AND A CORRESPONDING PROCESS OF MANUFACTURING**
[54] **MOUSSES BILIQUIDES, DISPERSIONS STABLES DE CES MOUSSES ET PROCESSUS DE FABRICATION CORRESPONDANT**
[72] DIAS, MONICA, GB
[72] GUFFOGG, PHILIP, GB
[72] WHEELER, DEREK, GB
[72] WHITBREAD-JORDAN, MARK, GB
[73] DRUG DELIVERY SOLUTIONS LIMITED, GB
[85] 2006-01-24
[86] 2004-07-30 (PCT/GB2004/003318)
[87] (WO2005/011643)
[30] GB (0317868.8) 2003-07-30

[11] **2,534,360**
[13] C

[51] **Int.Cl. C12P 21/06 (2006.01) C12N 1/14 (2006.01) C12N 1/16 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **METHODS FOR EXPRESSION AND PURIFICATION OF IMMUNOTOXINS**
[54] **PROCEDE D'EXPRESSION ET DE PURIFICATION D'IMMUNOTOXINES**
[72] NEVILLE, DAVID M., US
[72] WOO, JUNG-HEE, US
[72] LIU, YUAN-YI, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH, US
[85] 2006-02-01
[86] 2004-08-02 (PCT/US2004/024786)
[87] (WO2005/012495)
[30] US (60/491,923) 2003-08-01

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[11] **2,534,673**
[13] C

[51] **Int.Cl. H04J 14/02 (2006.01)**
[25] EN
[54] **A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK**
[54] **STRUCTURE DE NOEUD MODULAIRE, FACILE A CONFIGURER ET EXTENSIBLE POUR RESEAU DE TELECOMMUNICATIONS PAR FIBRE OPTIQUE**
[72] ANDRONI, DANIELE, IT
[72] ARECCO, FULVIO, IT
[72] IANNONE, EUGENIO, IT
[72] ROSSI, GIACOMO ANTONIO, IT
[73] GOOGLE INC., US
[85] 2006-02-03
[86] 2003-08-07 (PCT/EP2003/008748)
[87] (WO2005/015798)

[11] **2,535,265**
[13] C

[51] **Int.Cl. C07C 303/00 (2006.01) C07C 35/08 (2006.01) C07C 35/12 (2006.01) C07C 69/76 (2006.01) C07C 69/95 (2006.01) C07C 321/00 (2006.01) C07D 345/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF DISEASE ASSOCIATED WITH TRP-P8 EXPRESSION**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE TRAITER UNE MALADIE ASSOCIEE A L'EXPRESSION DE TRP-P8**
[72] NATARAJAN, SATEESH K., US
[72] MORENO, OFIR, US
[72] GRADDIS, THOMAS J., US
[72] DUNCAN, DAVID, US
[72] LAUS, REINER, US
[72] CHEN, FENG, US
[73] DENDREON CORPORATION, US
[85] 2006-02-08
[86] 2004-08-20 (PCT/US2004/026931)
[87] (WO2005/020897)
[30] US (60/497,384) 2003-08-22

[11] **2,536,864**
[13] C

[51] **Int.Cl. G06N 3/063 (2006.01)**
[25] EN
[54] **ASSOCIATIVE MEMORY DEVICE AND METHOD BASED ON WAVE PROPAGATION**
[54] **DISPOSITIF DE MEMOIRE ASSOCIATIVE ET PROCEDE BASE SUR LA PROPAGATION D'ONDE**
[72] RUDOLF, PAUL, US
[73] RUDOLF, PAUL, US
[85] 2006-02-24
[86] 2003-08-26 (PCT/US2003/026536)
[87] (WO2004/021273)
[30] US (60/407,011) 2002-08-29

[11] **2,537,609**
[13] C

[51] **Int.Cl. H01R 33/06 (2006.01) H01R 13/115 (2006.01)**
[25] EN
[54] **LAMP SOCKET**
[54] **DOUILLE DE LAMPE**
[72] SWANTNER, MICHAEL J., US
[72] SEYMOUR, DOUGLAS G., US
[72] SCHOLENO, MICHAEL, US
[73] OSRAM SYLVANIA INC., US
[86] (2537609)
[87] (2537609)
[22] 2006-02-23
[30] US (11/130,324) 2005-05-16

[11] **2,538,192**
[13] C

[51] **Int.Cl. A61K 51/12 (2006.01) A61M 36/04 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR THE PRODUCTION OF A RADIOACTIVE AEROSOL**
[54] **PROCEDE AMELIORE POUR LA PRODUCTION D'UN AEROSOL RADIOACTIF**
[72] BROWITT, RODNEY JAMES, AU
[72] BURCH, WILLIAM MARTIN, AU
[72] SENDEN, TIMOTHY JOHN, AU
[72] STEPHENS, ROSS WENTWORTH, AU
[72] SHAW, DAVID DEFOREST, AU
[73] CYCLOMEDICA AUSTRALIA PTY LTD, AU
[86] (2538192)
[87] (2538192)
[22] 2006-02-28
[30] AU (2005903674) 2005-07-11

[11] **2,539,209**
[13] C

[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERY OF DATA-BASED/VOICE SERVICES OVER PICONETS AND WIRELESS LANS (WLANS) COUPLED TO 3GPP DEVICES INCLUDING PROTOCOL ARCHITECTURE AND INFORMATION ELEMENTS RELATING TO SHORT MESSAGE SERVICE (SMS) OVER WLANS**
[54] **PROCEDE ET APPAREIL SERVANT A FOURNIR DES SERVICES VOCAUX ET/OU DE BASE DE DONNEES DANS DES PICORESEaux ET DES RLSFS SANS FIL COUPLES A DES DISPOSITIFS 3GPP INCLUANT UNE ARCHITECTURE DE PROTOCOLES ET DES ELEMENTS D'INFORMATION RELATIFS A LA TRANSMISSION DE SERVICES DE MESSAGES COURTS SUR RLSFS**
[72] SHAHEEN, KAMEL M., US
[72] CHITRAPU, PRABHAKAR R., US
[72] KIERNAN, BRIAN GREGORY, US
[72] PURKAYASTHA, DEBASHISH, US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2006-03-14
[86] 2004-04-30 (PCT/US2004/013458)
[87] (WO2004/099919)
[30] US (60/466,911) 2003-05-01
[30] US (60/469,670) 2003-05-12
[30] US (60/478,075) 2003-06-12
[30] US (60/491,054) 2003-07-30
[30] US (60/498,171) 2003-08-27

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[11] **2,540,449**
[13] C

[51] **Int.Cl. H02J 17/00 (2006.01) H01F 38/14 (2006.01)**
[25] EN
[54] **INDUCTIVELY POWERED POWER TRANSFER SYSTEM WITH ONE OR MORE INDEPENDENTLY CONTROLLABLE LOADS**
[54] **SYSTEME DE TRANSFERT DE COURANT ELECTRIQUE INDUCTIF PAR UNE OU PLUSIEURS CHARGES INDEPENDAMMENT CONTROLABLE**
[72] BOYS, JOHN TALBOT, NZ
[73] AUCKLAND UNISERVICES LIMITED, NZ
[85] 2006-03-27
[86] 2004-09-29 (PCT/NZ2004/000236)
[87] (WO2005/031944)
[30] NZ (528542) 2003-09-29

[11] **2,540,521**
[13] C

[51] **Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **ANTI-NIK ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-NIK ET UTILISATIONS CORRESPONDANTES**
[72] WALLACH, DAVID, IL
[72] RAMAKRISHNAN, PARAMESWARAN, IL
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2006-03-28
[86] 2004-10-05 (PCT/IL2004/000921)
[87] (WO2005/033142)
[30] IL (158287) 2003-10-07

[11] **2,541,959**
[13] C

[51] **Int.Cl. A61L 31/12 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **BIPOLAR FORCEPS COMPRISING A COMPOSITE PLATING FILM OF A NOBLE METAL AND NONCONDUCTIVE FINE POLYMER PARTICLES**
[54] **FORCEPS BIPOLAIRES COMPORTANT UN FILM DE PLACAGE COMPOSITE CONSTITUE D'UN METAL NOBLE ET DE PARTICULES POLYMERES FINES NON CONDUCTRICES**
[72] MIKAMI, TAKESHI, JP
[72] ASAHARA, TOMOHIKO, JP
[72] HOUKIN, KIYOHIRO, JP
[73] JOHNSON & JOHNSON KABUSHIKI KAISHA, JP
[86] (2541959)
[87] (2541959)
[22] 2006-04-04
[30] JP (2005-109055) 2005-04-05

[11] **2,542,183**
[13] C

[51] **Int.Cl. B05B 11/00 (2006.01) B05B 7/00 (2006.01)**
[25] EN
[54] **DISPENSER FOR CONCENTRATED INJECTION**
[54] **DISTRIBUTEUR POUR INJECTION CONCENTREE**
[72] BROUWER, MARKUS FRANCISKUS, NL
[73] MEADWESTVACO CALMAR NETHERLANDS B.V., NL
[85] 2006-03-22
[86] 2004-09-23 (PCT/NL2004/000660)
[87] (WO2005/028121)
[30] NL (1024350) 2003-09-23

[11] **2,544,668**
[13] C

[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **STEAM FROTHING DEVICE WITH FROTH FLOW REGULATION SYSTEM**
[54] **DISPOSITIF DE MOUSSAGE A LA VAPEUR AVEC SYSTEME DE REGULARISATION DU DEBIT DE LA MOUSSE**
[72] OZANNE, MATTHIEU, FR
[73] NESTEC S.A., CH
[86] (2544668)
[87] (2544668)
[22] 2006-04-24
[30] EP (05103330.6) 2005-04-25

[11] **2,544,773**
[13] C

[51] **Int.Cl. B60R 19/18 (2006.01) B60R 19/03 (2006.01)**
[25] EN
[54] **REINFORCED ENERGY ABSORBING BUMPER**
[54] **PARE-CHOCS AMORTISSEUR RENFORCE**
[72] CONDEELIS, PAUL M., US
[73] ROMEO-RIM, INC., US
[86] (2544773)
[87] (2544773)
[22] 2006-04-21
[30] US (11/116,602) 2005-04-29

[11] **2,544,784**
[13] C

[51] **Int.Cl. F02C 7/20 (2006.01) F01D 25/28 (2006.01)**
[25] FR
[54] **TURBINE MODULE FOR GAS TURBINE STARTER**
[54] **MODULE DE TURBINE POUR MOTEUR A TURBINE A GAZ**
[72] BRAULT, MICHEL GILBERT ROLAND, FR
[72] JUDET, MAURICE GUY, FR
[72] LANGEVIN, THOMAS, FR
[72] PASQUIS, PATRICK CLAUDE, FR
[73] SNECMA, FR
[86] (2544784)
[87] (2544784)
[22] 2006-04-25
[30] FR (05 51 124) 2005-04-29

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[13] C
[51] **Int.Cl. D21F 1/10 (2006.01)**
[25] EN
[54] **STABLE FORMING FABRIC WITH HIGH FIBER SUPPORT**
[54] **TISSU A TEXTURE STABLE AVEC SUPPORT A HAUTE TENEUR EN FIBRES**
[72] HANSSON, RITA, SE
[73] ALBANY INTERNATIONAL CORP., US
[86] (2544791)
[87] (2544791)
[22] 2006-04-24
[30] US (11/117,215) 2005-04-28

[11] **2,544,862**
[13] C
[51] **Int.Cl. G01N 19/08 (2006.01) B29C 65/00 (2006.01)**
[25] EN
[54] **VACUUM SENSOR APPLICATION AND METHOD FOR NONDETACHABLY JOINING A SENSOR WORKPIECE TO A BODY COMPONENT**
[54] **APPLICATION DE DETECTION DE VIDE ET PROCEDE D'ASSEMBLAGE NON AMOVIBLE D'UNE PIECE DETECTEUR A UN COMPOSANT CORPS**
[72] BOCKENHEIMER, CLEMENS, DE
[72] STEHMEIER, HEINER, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2006-05-03
[86] 2004-12-10 (PCT/EP2004/014106)
[87] (WO2005/059522)
[30] DE (103 58 772.1) 2003-12-12
[30] DE (102004 057 290.9) 2004-11-26

[11] **2,544,880**
[13] C
[51] **Int.Cl. H03M 13/05 (2006.01) G10L 19/005 (2013.01) H03M 7/30 (2006.01) H04B 1/66 (2006.01) H04L 1/00 (2006.01) H04N 7/68 (2006.01)**
[25] EN
[54] **IMPROVED FREQUENCY-DOMAIN ERROR CONCEALMENT**
[54] **DISSIMULATION AMELIOREE D'ERREURS DE DOMAINE FREQUENTIEL**
[72] TALEB, ANISSE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2006-05-02
[86] 2004-12-15 (PCT/SE2004/001868)
[87] (WO2005/059900)
[30] SE (0303498-0) 2003-12-19
[30] SE (0400418-0) 2004-02-20

[11] **2,545,230**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SEARCH METHOD AND SYSTEM AND SYSTEMS USING THE SAME**
[54] **PROCEDE ET SYSTEME DE RECHERCHE ET SYSTEMES UTILISANT CEUX-CI**
[72] LAVINE, STEVEN DAVID, US
[73] TRANSPARENSEE SYSTEMS, INC., US
[85] 2006-05-08
[86] 2003-11-10 (PCT/US2003/036045)
[87] (WO2004/044705)
[30] US (60/425,361) 2002-11-11

[11] **2,545,743**
[13] C
[51] **Int.Cl. E06B 3/36 (2006.01) E05D 15/02 (2006.01) E05F 1/10 (2006.01) E06B 3/72 (2006.01)**
[25] EN
[54] **OSCILLATING SELF-CENTERING TRAFFIC-DOOR**
[54] **PORTE VA-ET-VIENT A AUTO-CENTRISME OSCILLANTE**
[72] MILLER, PETER, US
[72] MILLER, DUER, US
[73] MILLER, PETER, US
[86] (2545743)
[87] (2545743)
[22] 2006-05-03
[30] US (60/762399) 2006-01-26
[30] US (11/371438) 2006-03-08

[11] **2,545,785**
[13] C
[51] **Int.Cl. C08F 4/651 (2006.01) C08F 4/654 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **IMPROVED SOLID CATALYST COMPONENT AND PROCESS FOR THE (CO) POLYMERIZATION OF ETHYLENE**
[54] **COMPOSANTE CATALYTIQUE SOLIDE AMELIOREE ET PROCEDE DE (CO)POLYMERISATION D'ETHYLENE**
[72] CONTI, GIUSEPPE, IT
[72] ADESSO, CORRADO, IT
[72] MENCONI, FRANCESCO, IT
[72] MASI, FRANCESCO, IT
[73] POLIMERI EUROPA S.P.A., IT
[85] 2006-05-10
[86] 2004-11-09 (PCT/EP2004/012746)
[87] (WO2005/047343)
[30] IT (MI2003A002206) 2003-11-14
[30] IT (MI2004A001722) 2004-09-10

[11] **2,545,907**
[13] C
[51] **Int.Cl. B65D 25/40 (2006.01) B67D 7/42 (2010.01) B67D 7/54 (2010.01) B05B 1/22 (2006.01) B05B 1/32 (2006.01) B65D 47/06 (2006.01) B65D 47/32 (2006.01)**
[25] EN
[54] **CLOSEABLE SELF-VENTING SPOUT**
[54] **BEC AUTOVENTILE A FERMER**
[72] NIELSEN, ROGER B., US
[73] NITEC (NIELSEN IDAHO TOOL AND ENGINEERING CORPORATION), US
[86] (2545907)
[87] (2545907)
[22] 2006-05-05

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[11] **2,547,000**
[13] C

[51] **Int.Cl. H04L 12/803 (2013.01) H04W 28/08 (2009.01) H04W 28/24 (2009.01) H04W 72/14 (2009.01) H04L 12/861 (2013.01) H04L 12/865 (2013.01)**

[25] EN

[54] **QUALITY OF SERVICE SCHEDULER FOR A WIRELESS NETWORK**

[54] **PROGRAMMATEUR DE QUALITE DE SERVICE POUR UN RESEAU SANS FIL**

[72] WALTON, J. RODNEY, US

[72] NANDA, SANJIV, US

[73] QUALCOMM INCORPORATED, US

[85] 2006-05-24

[86] 2004-11-24 (PCT/US2004/039690)

[87] (WO2005/055533)

[30] US (10/723,346) 2003-11-26

[11] **2,547,632**
[13] C

[51] **Int.Cl. B66C 1/12 (2006.01) G01N 3/56 (2006.01) G01N 33/36 (2006.01)**

[25] EN

[54] **SLING WITH PREDICTABLE PRE-FAILURE WARNING INDICATOR**

[54] **ELINGUE A AVERTISSEUR PRE-DEFAILLANCE PREVISIBLE**

[72] ST. GERMAIN, DENNIS, US

[73] SLINGMAX, INC., US

[86] (2547632)

[87] (2547632)

[22] 2006-05-19

[30] US (60/683,987) 2005-05-23

[30] US (11/418,597) 2006-05-05

[11] **2,548,226**
[13] C

[51] **Int.Cl. A61B 18/00 (2006.01) A61B 18/18 (2006.01) A61B 18/22 (2006.01) A61M 25/14 (2006.01)**

[25] EN

[54] **COOLED LASER FIBER FOR IMPROVED THERMAL THERAPY**

[54] **FIBRE LASER REFROIDIE DESTINEE A UNE THERAPIE THERMIQUE AMELIOREE**

[72] GOWDA, ASHOK, US

[72] MCNICHOLS, ROGER, US

[72] GELNETT, MARC, US

[72] FOX, MATTHEW, US

[73] BIOTEX, INC., US

[85] 2006-06-06

[86] 2004-11-05 (PCT/US2004/037244)

[87] (WO2005/046753)

[30] US (10/703,304) 2003-11-07

[11] **2,549,322**
[13] C

[51] **Int.Cl. A01H 1/04 (2006.01) A01H 7/00 (2006.01)**

[25] EN

[54] **METHOD FOR SELECTING CONIFER TREES**

[54] **METHODE DE SELECTION D'ARBRES CONIFERES**

[72] CARLSON, WILLIAM C., US

[72] DEAN, CHRISTINE A., US

[72] GROB, JAMES A., US

[72] HEROLD, GEORGE E., US

[72] WALLICH, ERIN, CA

[73] WEYERHAEUSER NR COMPANY, US

[86] (2549322)

[87] (2549322)

[22] 2006-06-02

[30] US (11/171,157) 2005-06-29

[11] **2,549,414**
[13] C

[51] **Int.Cl. B66B 23/04 (2006.01) F16H 55/38 (2006.01)**

[25] EN

[54] **WHEEL FOR DRIVING A FLEXIBLE HANDRAIL**

[54] **VOLANT DE COMMANDE D'UNE RAMPE SOUPLE**

[72] NOVACEK, THOMAS, AT

[72] ILLEDITS, THOMAS, AT

[73] INVENTIO AG, CH

[86] (2549414)

[87] (2549414)

[22] 2006-06-05

[30] EP (05104965.8) 2005-06-07

[11] **2,549,771**
[13] C

[51] **Int.Cl. F16D 3/12 (2006.01)**

[25] EN

[54] **IMPROVED DRIVE COUPLING**

[54] **ACCOUPLLEMENT DE COMMANDE AMELIORE**

[72] BARE, ALLAN, AU

[73] BARE, ALLAN, AU

[86] (2549771)

[87] (2549771)

[22] 2006-06-07

[30] AU (2005 202504) 2005-06-09

[11] **2,550,005**
[13] C

[51] **Int.Cl. C08L 25/06 (2006.01) B32B 27/32 (2006.01) C08F 2/44 (2006.01) C08J 3/12 (2006.01) C08J 9/18 (2006.01) C08L 23/02 (2006.01)**

[25] EN

[54] **INTERPOLYMER RESIN PARTICLES**

[54] **PARTICULES DE RESINE EN INTERPOLYMERE**

[72] KRUPINSKI, STEVEN M., US

[73] NOVA CHEMICALS INC., US

[85] 2006-06-15

[86] 2004-12-08 (PCT/US2004/041078)

[87] (WO2005/065938)

[30] US (60/531,784) 2003-12-22

[11] **2,550,733**
[13] C

[51] **Int.Cl. A01K 85/00 (2006.01) A01K 91/04 (2006.01)**

[25] EN

[54] **FISHING LURE**

[54] **LEURRE DE PECHE**

[72] RODELS, LEONID, CA

[73] RODELS, LEONID, CA

[86] (2550733)

[87] (2550733)

[22] 2006-06-20

[11] **2,551,264**
[13] C

[51] **Int.Cl. E01C 19/40 (2006.01)**

[25] EN

[54] **LEVELING BLADE, VIBRATING SCREED INCLUDING THE BLADE, AND KIT FOR ASSEMBLING THE SAME**

[54] **LAME DE NIVELLEMENT, REGLE VIBRANTE COMPRENANT LA LAME ET TROUSSE D'ASSEMBLAGE CONNEXE**

[72] ARGENTO, MICHELE, CA

[72] ARGENTO, SETTIMIO, CA

[73] PIRANDELLO INDUSTRIES LTD., CA

[86] (2551264)

[87] (2551264)

[22] 2006-06-28

[30] US (60/694,262) 2005-06-28

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[13] C
[51] **Int.Cl. A47B 96/16 (2006.01) E05D 5/12 (2006.01)**
[25] EN
[54] **POCKET DOOR SYSTEM**
[54] **SYSTEME DE PORTE COULISSANTE ENCLOISONNEE**
[72] LAYTON, JEFF H., CA
[73] LAYTON, JEFF H., CA
[86] (2551603)
[87] (2551603)
[22] 2006-07-07

[11] **2,552,283**
[13] C
[51] **Int.Cl. C10G 2/00 (2006.01) B01J 19/00 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **FISCHER-TROPSCH SYNTHESIS USING MICROCHANNEL TECHNOLOGY AND NOVEL CATALYST AND MICROCHANNEL REACTOR**
[54] **SYNTHESE DE FISCHER-TROPSCH UTILISANT LA TECHNOLOGIE DES MICROCANAU, NOUVEAU CATALYSEUR ET REACTEUR A MICROCANAU**
[72] WANG, YONG, US
[72] TONKOVICH, ANNA LEE, US
[72] MAZANEC, TERRY, US
[72] DALY, FRANCIS P., US
[72] VANDERWIEL, DAVE, US
[72] HU, JIANLI, US
[72] CAO, CHUNSHI, US
[72] KIBBY, CHARLES, US
[72] LI, XIAOHONG, US
[72] BRISCOE, MICHAEL D., US
[72] GANO, NATHAN, US
[72] CHIN, YA-HUEI, US
[73] VELOCYS INC., US
[85] 2006-06-29
[86] 2004-12-15 (PCT/US2004/042065)
[87] (WO2005/075606)
[30] US (10/766,297) 2004-01-28

[11] **2,554,030**
[13] C
[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/308 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/19 (2006.01) A61K 31/715 (2006.01) A61K 31/733 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL OR DIETARY COMPOSITIONS BASED ON SHORT-CHAIN FATTY ACIDS AND COMPLEX SUGARS, FOR INTESTINAL DISORDERS**
[54] **COMPOSITIONS PHARMACEUTIQUES OU ALIMENTAIRES A BASE D'ACIDES GRAS A CHAINE COURTE ET DE SUCRES COMPLEXES UTILISEES EN CAS DE TROUBLES INTESTINAUX**
[72] AJANI, MAURO, IT
[72] VILLA, ROBERTO, IT
[72] CELASCO, GIUSEPPE, IT
[72] MORO, LUIGI, IT
[73] COSMO TECHNOLOGIES LTD., IE
[85] 2006-07-19
[86] 2005-02-01 (PCT/EP2005/050414)
[87] (WO2005/074718)
[30] IT (MI2004 A 000187) 2004-02-06
[30] US (60/553,549) 2004-03-17

[11] **2,554,783**
[13] C
[51] **Int.Cl. A61M 1/28 (2006.01) A61M 39/10 (2006.01) A61M 39/20 (2006.01) A61M 39/18 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR APPLYING AND REMOVING CLOSING MEANS FROM AN END PORTION OF A TUBULAR ELEMENT AND THE USE THEREOF IN PERITONEAL DIALYSIS**
[54] **DISPOSITIF POUR AJUSTER ET RETIRER UN MOYEN DE FERMETURE SUR UNE PARTIE TERMINALE D'UN ELEMENT TUBULAIRE ET SON UTILISATION DANS LA DIALYSE PERITONEALE**
[72] CERASOLI, PAOLO, IT
[73] GLOMERIA THERAPEUTICS SRL, IT
[85] 2006-07-27
[86] 2005-02-23 (PCT/IT2005/000098)
[87] (WO2005/082437)
[30] IT (PE2004A000004) 2004-02-27
[30] IT (PE2004A000016) 2004-08-11

[11] **2,556,179**
[13] C
[51] **Int.Cl. A01K 15/00 (2006.01) A01K 15/02 (2006.01)**
[25] EN
[54] **ANIMAL TRAINING METHOD**
[54] **METHODE DE DRESSAGE D'ANIMAL**
[72] DONNELLY, MELINDA, CA
[73] DONNELLY, MELINDA, CA
[86] (2556179)
[87] (2556179)
[22] 2006-08-14
[30] US (11/231,324) 2005-09-20

[11] **2,556,222**
[13] C
[51] **Int.Cl. A61N 1/08 (2006.01)**
[25] EN
[54] **TREATMENT OF VISION DISORDERS USING ELECTRICAL, LIGHT, AND/OR SOUND ENERGY**
[54] **TRAITEMENT DE TROUBLES DE LA VISION AU MOYEN D'ENERGIE ELECTRIQUE, LUMINEUSE ET/OU SONORE**
[72] HAROLD, THOMAS W., US
[73] SCYFIX LLC, US
[85] 2006-08-04
[86] 2005-02-07 (PCT/US2005/003695)
[87] (WO2005/077452)
[30] US (60/542,724) 2004-02-06
[30] US (60/542,443) 2004-02-06
[30] US (60/542,768) 2004-02-06
[30] US (60/542,442) 2004-02-06

[11] **2,556,283**
[13] C
[51] **Int.Cl. H01J 5/08 (2006.01) H01J 5/26 (2006.01) H01J 23/12 (2006.01)**
[25] EN
[54] **ELECTRON BEAM TUBES**
[54] **TUBES A FAISCEAU ELECTRONIQUE**
[72] SOBIERADZKI, EDWARD STANLEY, GB
[72] BARDELL, STEPHEN, GB
[72] AITKEN, STEVEN, GB
[72] WHEELHOUSE, ALAN EDWARD, GB
[73] E2V TECHNOLOGIES (UK) LIMITED, GB
[85] 2006-08-04
[86] 2005-02-22 (PCT/GB2005/000621)
[87] (WO2005/083735)
[30] GB (0404446.7) 2004-02-27

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[11] **2,556,592**
[13] C

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **METABOLIC MONITORING, A METHOD AND APPARATUS FOR INDICATING A HEALTH-RELATED CONDITION OF A SUBJECT**
[54] **CONTROLE METABOLIQUE ET PROCEDE ET APPAREIL PERMETTANT D'INDIQUER UN ETAT DE SANTE D'UN SUJET**
[72] LILJERYD, LARS GUSTAF, SE
[72] MAGNUSSON, ULF FREDRIK, SE
[73] DIABETES TOOLS SWEDEN AB, SE
[85] 2006-08-24
[86] 2005-02-25 (PCT/EP2005/002006)
[87] (WO2005/082233)
[30] SE (0400456-0) 2004-02-26
[30] SE (0402139-0) 2004-09-07

[11] **2,556,870**
[13] C

[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/4985 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **DOPAMINE-AGONIST COMBINATION THERAPY FOR IMPROVING SLEEP QUALITY**
[54] **TRAITEMENT COMBINE A BASE D'AGONISTES DE LA DOPAMINE POUR L'AMELIORATION DE LA QUALITE DU SOMMEIL**
[72] BARBERICH, TIMOTHY J., US
[73] SUNOVION PHARMACEUTICALS INC., US
[85] 2006-08-17
[86] 2005-02-07 (PCT/US2005/003937)
[87] (WO2005/079851)
[30] US (60/545,413) 2004-02-18

[11] **2,557,073**
[13] C

[51] **Int.Cl. F16C 43/02 (2006.01) B25B 27/06 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F16C 35/063 (2006.01)**
[25] FR
[54] **DEVICE FOR HEATING A CYLINDRICAL PART, TO BE USED IN THE ASSEMBLY OF AN INTER-SHAFT BEARING IN A TURBINE ENGINE**
[54] **DISPOSITIF DE CHAUFFAGE D'UNE PIECE CYLINDRIQUE, UTILISATION DANS L'ASSEMBLAGE D'UN PALIER INTER-ARBRES DANS UNE TURBOMACHINE**
[72] BERGEROT, FRANCOIS PIERRE ANDRE, FR
[72] LEEDER, LAURENT, FR
[72] MALTERRE, JACQUES PIERRE FELIX, FR
[72] SOUART, BERNARD ADRIEN EDMOND, FR
[72] THOMAS, HUBERT, FR
[73] SNECMA, FR
[86] (2557073)
[87] (2557073)
[22] 2006-08-23
[30] FR (05 52578) 2005-08-26

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[13] C

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[54] **CATALYSEUR DE TYPE ZIEGLER-NATTA POUR LA POLYMERISATION A HAUTE TEMPERATURE**
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[73] NOVA CHEMICALS CORPORATION, CA
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[54] **DERIVES DE 2-PYRIDINYLCYCLOALKYLCARB OXAMIDE UTILISES EN TANT QU'AGENTS FONGICIDES**
[72] COQUERON, PIERRE-YVES, FR
[72] MANSFIELD, DARREN, FR
[72] DESBORDES, PHILIPPE, FR
[72] RIECK, HEIKO, FR
[72] GROSJEAN-COURNOYER, MARIE-CLAIRE, FR
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[54] **UTILISATION DE COPOLYMERES ANIONIQUES POUR LA RECUPERATION AMELIOREE DE CHARBON UTILE ET DE CHLORURE DE POTASSIUM A PARTIR D'UNE CENTRIFUGEUSE A BOL PLEIN PERFORE**
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[72] MCGOUGH, KENNETH M., US
[73] NALCO COMPANY, US
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[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **ELECTRODE A AIGUILLE POUR APPLICATION MEDICALE**
[72] KOBAYASHI, SUSUMU, JP
[72] YAMADA, HIDEHIKO, JP
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[54] **DEVICE FOR EXTRACTING MECHANICAL POWER BETWEEN THE HP AND LP SHAFTS OF A TWIN-SPOOL TURBINE ENGINE**
[54] **DISPOSITIF DE PRELEVEMENT DE PUISSANCE MECANIQUE ENTRE LES ARBRES HP ET BP D'UN TURBOMOTEUR A DOUBLE CORPS**
[72] LINET, HUGHES HENRI RAYMOND, FR
[72] MOUCHNINO, CYRIL FRANCK, FR
[72] PETTINOTTI, SERGE DOMINIQUE, FR
[73] HISPANO-SUIZA, FR
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[54] **SUSTAINED RELEASE INTRAOCULAR IMPLANTS COMPRISING A BETA ADRENERGIC RECEPTOR ANTAGONIST AND METHODS FOR TREATING OCULAR NEUROPATHIES**
[54] **IMPLANTS INTRAOCULAIRES A LIBERATION SOUTENUE CONTENANT UN ANTAGONISTE DU RECEPTEUR BETA-ADRENERGIQUE ET METHODES DE TRAITEMENT DE NEUROPATHIES OCULAIRES**
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[72] NIVAGGIOLI, THIERRY, US
[73] ALLERGAN, INC., US
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[54] **PRODUITS NETTOYANTS LIQUIDES PERSONNELS CONTENANT UNE ASSOCIATION D'ACIDE GRAS ET D'UN SYSTEME STRUCTURANT A L'AMIDON HYDROSOLUBLE OU HYDRODILATABLE**
[72] TSAUR, LIANG SHENG, US
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[73] AIRBOSS RAILWAY PRODUCTS
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[54] **PATE META ET PARA-ARAMIDE
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[72] LUNDBLAD, LENARD OSCAR, US
[72] MERRIMAN, EDMUND A., US
[73] E.I. DU PONT DE NEMOURS AND
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[54] **SYSTEME SOUS-MARIN DE
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[72] PEARCE, CHRISTOPHER DUDLEY,
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[72] SMITH, RICHARD JAMES DUDLEY,
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[73] SONARDYNE INTERNATIONAL
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ACYCLIC HCV PROTEASE
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[54] **PROCESSUS DE PREPARATION
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[72] BUSACCA, CARL ALAN, US
[72] FRUTOS, ROGELIO PEREZ, US
[72] HADDAD, NIZAR, US
[72] KAPADIA, SURESH R., US
[72] LORENZ, JON CHARLES, US
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[54] **FILM BARRIERE POUR
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[72] AUBEE, NORMAN DORIEN JOSEPH,
CA
[72] CHUANG, TINGTING YU, CA
[72] CHECKNITA, DOUGLAS, CA
[72] CHISHOLM, P. SCOTT, CA
[72] LAM, PATRICK, CA
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[72] SAUVAGEAU, DENNY PAUL, CA
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[25] FR
[54] **TURBINE BLADE WITH
IMPROVED COOLING
CHARACTERISTICS AND
USEFUL LIFE**
[54] **AUBE DE TURBINE A
REFROIDISSEMENT ET A DUREE
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[72] BOURY, JACQUES AUGUSTE
AMEDEE, FR
[72] ENEAU, PATRICE, FR
[72] MOREAU, GUY, FR
[73] SNECMA, GUY, FR
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[30] FR (0512297) 2005-12-05

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[54] **SCIE ANNULAIRE**
[72] CORFE, PHILLIP G., CA
[72] OILUND, LESTER D., CA
[73] 1279059 ALBERTA LTD., CA
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[87] (2569603)
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[54] **COMPRESSEUR VOLUMETRIQUE
A VIS A FLUX AXIAL**
[72] MURROW, KURT DAVID, US
[72] GIFFIN, ROLLIN GEORGE, US
[72] FAKUNLE, OLADAPO, US
[73] GENERAL ELECTRIC COMPANY,
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[73] BIO-LAB, INC., US
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[54] **FEUILLES DE PLASTIQUE POUR LE THERMOFORMAGE DE PRODUITS DENTAIRE**
[72] ANDERSON, MICHAEL C., US
[72] BOZMAN, JOHN F., US
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **AMELIORATION D'UN SIGNAL PERIODIQUE EVOLUE**
[72] NONGPIUR, RAJEEV, CA
[72] HETHERINGTON, PHILLIP A., CA
[73] QNX SOFTWARE SYSTEMS LIMITED, CA
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[54] **TECHNOLOGIE DE LIBERATION PROLONGEE CONTROLEE**
[72] ODIDI, ISA, CA
[72] ODIDI, AMINA, CA
[73] INTELLIPHARMACEUTICS CORP., CA
[86] (2571897)
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[13] C

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[25] EN
[54] **METHODS OF FABRICATING NITRIDE-BASED TRANSISTORS WITH A CAP LAYER AND A RECESSED GATE**
[54] **PROCEDES DE FABRICATION DE TRANSISTORS A BASE DE NITRURE PRESENTANT UNE COUCHE D'ENCAPSULATION ET UNE GRILLE ENCASTREE**
[72] SHEPPARD, SCOTT, US
[72] SMITH, RICHARD PETER, US
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[25] EN
[54] **METHOD OF CHARGING ALKALI METAL POLYMER BATTERIES**
[54] **PROCEDE DE CHARGEMENT DE BATTERIES POLYMERES METALLIQUES ALCALINES**
[72] GAGNON, PHILIPPE, CA
[72] PARENT, MICHEL, CA
[72] VAILLANCOURT, JEAN-PIERRE, CA
[73] BATHIUM CANADA INC., CA
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[54] **COSMETIC COMPOSITION USEFUL FOR STRAIGHTENING HAIR COMPRISING A DENDRIMER OR HYPERBRANCHED POLYMER**
[54] **COMPOSITION COSMETIQUE UTILE POUR LE RENFORCEMENT DES CHEVEUX COMPRENANT UN DENDRIMERE OU UN POLYMERE HYPERRAMIFIE**
[72] DERICI, LEO, GB
[72] HARCUP, JASON PETER, GB
[72] KHOSHDEL, EZAT, GB
[73] UNILEVER PLC, GB
[85] 2007-01-26
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[13] C

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[25] EN
[54] **AMPHIPHILIC CO-NETWORKS, FILMS MADE FROM AMPHIPHILIC CO-NETWORKS AND USES FOR SUCH CO-NETWORKS AND FILMS**
[54] **CO-RESEAUX AMPHIPHILES, FILMS FABRIQUES A PARTIR DE CO-RESEAUX AMPHIPHILES ET UTILISATIONS DE TELS CO-RESEAUX ET FILMS**
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[73] UNIVERSITY OF AKRON, US
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[54] **ENSEMBLE GARNITURE INTERIEURE**
[72] ZIMMER, JOHN, US
[72] MARSHICK, LEONARD, US
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[54] **COMBINATIONS FOR THE TREATMENT OF DISEASES INVOLVING CELL PROLIFERATION**
[54] **COMBINAISONS POUR TRAITEMENT DE MALADIES IMPLIQUANT UNE PROLIFERATION CELLULAIRE**
[72] MUNZERT, GERD, DE
[72] STEEGMAIER, MARTIN, AT
[72] BAUM, ANKE, AT
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2007-02-07
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[54] **VISION ENHANCING OPHTHALMIC DEVICES AND RELATED METHODS AND COMPOSITIONS**
[54] **DISPOSITIFS OPHTALMIQUES AMELIORANT LA VISION ET PROCEDES ET COMPOSITIONS ASSOCIES**
[72] GRIFFITH, MAY, CA
[72] CARLSSON, DAVID J., CA
[72] LI, FENGFU, CA
[72] LIU, YUWEN, CA
[72] MARMO, J. CHRISTOPHER, US
[72] RAFAT, MEHRDAD, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[73] COOPERVISION, INC., US
[73] OTTAWA HOSPITAL RESEARCH INSTITUTE, CA
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[25] FR
[54] **LAMINATED GLAZING COMPRISING A STACK OF THIN LAYERS REFLECTING THE INFRARED RAYS AND/OR THE SOLAR RADIATION, AND A HEATING MEANS**
[54] **VITRAGE FEUILLETE MUNI D'UN EMPILEMENT DE COUCHES MINCES REFLECHISSANT LES INFRAROUGES ET/OU LE RAYONNEMENT SOLAIRE ET D'UN MOYEN DE CHAUFFAGE**
[72] LECONTE, JEAN-GERARD, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **COORDINATED NUMERICAL CONTROL OF SIDEBAND ENERGY AND MODULATION COMPRESSION METHOD FOR THE RADIO FREQUENCY TRANSMISSION OF HIGH SPEED DATA**
[54] **PROCEDE DE COMMANDE NUMERIQUE COORDONNEE D'ENERGIE DE BANDE LATERALE ET DE COMPRESSION DE MODULATION POUR LA TRANSMISSION RADIOFREQUENCE DE DONNEES A GRANDE VITESSE**
[72] BOBIER, JOSEPH A., US
[73] XG TECHNOLOGY, INC., US
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[13] C

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[25] EN
[54] **CONSTANT CURRENT ELECTROPORATION DEVICE AND METHODS OF USE**
[54] **DISPOSITIF D'ELECTROPORATION A COURANT CONSTANT ET PROCEDES D'UTILISATION DE CE DISPOSITIF**
[72] SMITH, LOUIS C., US
[72] DRAGHIA-AKLI, RUXANDRA, US
[72] KHAN, AMIR S., US
[72] CARPENTER, ROBERT H., US
[72] DARNELL, JEFF, US
[73] ADVISYS, INC., US
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[72] PIERRE, FABRICE, US
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[54] **METHODE ET SYSTEME D'EVALUATION AUTOMATIQUE DES FICHIERS NUMERIQUES**
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[54] **DEVICE FOR FASTENING RING SECTORS AROUND A TURBINE WHEEL OF A TURBINE ENGINE**
[54] **DISPOSITIF DE FIXATION DE SECTEURS D'ANNEAU AUTOUR D'UNE ROUE DE TURBINE D'UNE TURBOMACHINE**
[72] DURAND, DIDIER NOEL, FR
[72] GEHAN, DOMINIQUE, FR
[72] GROS, VALERIE ANNIE, FR
[72] SOTTO-LAMY, DIDIER, FR
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[54] **AUBE DE REDRESSEUR A AMENAGEMENT DE FORME LOCALISE, SECTEUR DE REDRESSEURS, ETAGE DE COMPRESSION, COMPRESSEUR ET TURBOMACHINE COMPORTANT UNE TELLE AUBE**
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[72] BOUTTEVILLE, EVELYNE GINETTE, FR
[72] NICLOT, THIERRY JEAN MAURICE, FR
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[54] **DISPOSITIF DE REFROIDISSEMENT D'UN CARTER DE TURBINE D'UNE TURBOMACHINE**
[72] DERVAUX, ALEXANDRE NICOLAS, FR
[72] HAZEVIS, PHILIPPE, FR
[72] MARTET, RENAUD, FR
[72] PABION, PHILIPPE JEAN-PIERRE, FR
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[72] EBERT, FRANZ-JOSEF, DE
[72] KREISELMEIER, GERHARD, DE
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[54] **RUBAN OU FEUILLE AUTOADHESIFS, ET PROCESSUS DE FABRICATION**
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[72] FURUMORI, KENJI, JP
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[54] **DEVICE FOR SETTING OF A SERVICE ZONE IN A MOBILE COMMUNICATION NETWORK, METHOD AND SYSTEM FOR PROVIDING ZONE-BASED SERVICE USING THE DEVICE, AND MOBILECOMMUNICATION UNIT**
[54] **DISPOSITIF PERMETTANT DE DEFINIR UNE ZONE DE SERVICE DANS UN RESEAU DE COMMUNICATION MOBILE, PROCEDE ET SYSTEME DESTINES A FOURNIR UN SERVICE PAR ZONES A L'AIDE DUDIT DISPOSITIF, ET UNITE DE COMMUNICATION MOBILE**
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[54] **DEVICE AND METHOD FOR DETECTING A MANIPULATION OF AN INFORMATION SIGNAL**
[54] **DISPOSITIF ET METHODE PERMETTANT DE DETECTER UNE MANIPULATION D'UN SIGNAL D'INFORMATION**
[72] KULESSA, RALPH, DE
[72] PICKEL, JOERG, DE
[72] KRAEGELOH, STEFAN, DE
[72] AICHROTH, PATRICK, DE
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[54] **SYSTEM AND METHOD FOR AN IMMUTABLE IDENTIFICATION SCHEME IN A LARGE-SCALE COMPUTER SYSTEM**
[54] **SYSTEME ET METHODE DE STRATAGEME D'IDENTIFICATION IMMuable DANS UN SYSTEME INFORMATIQUE DE GRANDE PUISSANCE**
[72] SMOLEN, RICHARD, US
[72] EARMAN, DANIEL, US
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[54] **DISPERSION AQUEUSE DE POLYMERE POUVANT ETRE EMPLOYEE DANS LA PREPARATION DE FORMULES DE COUCHE DE BASE POUR CUIR IMPRIME**
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[72] HELLER, CHRISTIAN MARIA ANTON, US
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[54] **WIND-POWERED PNEUMATIC ENGINE AND A MOTOR VEHICLE EQUIPPED WITH THE ENGINE**
[54] **MOTEUR A VENT ET AIR, A SAVOIR MOTEUR UTILISANT LA PRESSION DE VENT ET D'AIR PLUTOT QU'UN CARBURANT EN TANT QUE SOURCE D'ENERGIE**
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[54] **APPARATUS AND METHOD FOR CONTROLLING COLOUR AND COLOUR TEMPERATURE OF LIGHT GENERATED BY A DIGITALLY CONTROLLED LUMINAIRE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE COMMANDER LA COULEUR ET LA TEMPERATURE DE COULEUR D'UNE LUMIERE GENERE PAR UN LUMINAIRE COMMANDE NUMERIQUEMENT**
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[72] HEDLEY, ROBERT IAN, AU
[72] WHYBIN, CHRISTOPHER NASH, AU
[73] JUSTOY PTY LTD., AU
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[73] WASHINGTON BIOTECH CORPORATION, US
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[54] **METHOD FOR DETERMINING SPAN LENGTHS BASED ON PROPERTIES OF LUMBER**
[54] **METHODE POUR DETERMINER LES LONGUEURS DE TRONCON SELON LES PROPRIETES DU BOIS D'OEUVRE**
[72] SCHULNER, THOMAS F., US
[73] WEYERHAEUSER NR COMPANY, US
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[54] **A METHOD OF TRANSMITTING FEEDBACK INFORMATION USING AN EXTENDED SUBHEADER**
[54] **PROCEDE DE TRANSMISSION D'INFORMATION DE RETROACTION PAR LE BIAIS D'UN SOUS-EN-TETE ETENDU**
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[54] **STABILISATION ET RENDEMENT AMELIORES DES PROCEDES DE DEPOT AUTOCATALYTIQUES**
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[54] **COMPOSITIONS DE POLYETHYLENE AUX PROPRIETES RHEOLOGIQUES MODIFIEES POSSEDANT UNE RESISTANCE A LA FUSION RELATIVEMENT ELEVEE ET PROCEDES DE FABRICATION DE TUYAUX, DE PELLICULES, DEFEUILLES ET D'ARTICLES MOULES PAR SOUFFLAGE**
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[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SOLID DOSAGE FORM COMPRISING PROTON PUMP INHIBITOR AND SUSPENSION MADE THEREOF**
[54] **FORME GALENIQUE SOLIDE COMPRENANT UN INHIBITEUR DE LA POMPE A PROTONS ET SUSPENSION REALISEE A PARTIR DE LADITE FORME GALENIQUE**
[72] PERSSON, EVA, SE
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[25] EN
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[54] **PROCEDE DE FABRICATION D'UNE LAME DOCTEUR OU D'UNE RACLE**
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[73] BTG ECLEPENS S.A., CH
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[13] C

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THE MEDIUM**

[54] **DISPOSITIF DE MESURE DES
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[54] **SEPARATEUR CENTRIFUGE ET PROCEDE DE SEPARATION ASSOCIE**

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[54] **PROCEDE DE DEPOSITION D'UNE SURFACE ARGENTEE SOLIDEMENT AJUSTEE SUR UNE PIECE D'ALUMINIUM**
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[54] **APPAREIL, PROCEDE ET SYSTEME DE SIMULATION DE RESERVOIR AMELIOREE UTILISANT UN PRECONDITIONNEMENT SCHWARZ A CHEVAUCHEMENT MULTIPLICATIF POUR SYSTEMES LINEAIRES IMPLICITES ADAPTATIFS**
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[73] HYDRODRIVES TECHNOLOGIES INC., CA
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[72] HEIL, HOLGER, DE

[72] STOESSEL, PHILIPP, DE

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[54] **DERIVES D'IMIDAZOLINONE ET D'HYDANTOINE EN TANT QUE NOUVEAUX INHIBITEURS DE L'HISTONE DESACETYLASE**

[72] TEN HOLTE, PETER, BE

[72] VAN EMELLEN, KRISTOF, BE

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[72] MARCONNET-DECRANE, LAURENCE FRANCOISE BERNADETTE, FR

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[54] **DISTRIBUTION ET UTILISATION D'INFORMATIONS CONCERNANT LA TENDANCE A LA CONGESTION DE VOIES DE COMMUNICATION**

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[54] **MONTAGE POUR LAMES DE PATINS A GLACE**

[72] WEBER, TORY, CA

[72] TALBOT, BENOIT, CA

[72] CROTEAU, DAVID, CA

[72] LACHEVROTIERE, STEPHAN, CA

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[54] **TRAITEMENT DE TROUBLES DU SNC ASSOCIES A DES MUTATIONS DANS DES GENES CODANT POUR DES ENZYMES LYSOSOMALES**

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[72] ANDERSSON, INGEMAR, DK
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[72] RAJANI, JAYANTILAL BHAGVANJI, NL
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[72] GISSINGER, GERARD LEON, FR
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[54] **PROCEDE ET DISPOSITIF DE SECURISATION ACTIVE POUR DISPOSITIF ELECTRONIQUE SANS CONTACT**
[72] SERBANESCU, DAN, FR
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[54] **REGULATEUR ELECTROMECHANIQUE A MODES DE FONCTIONNEMENT PRIMAIRE ET DE SAUVEGARDE DESTINE A REGULER L'OXYGENE DES PASSAGERS**
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[54] **DISPOSITIF DE SECURITE POUR UN Puits DE PETROLE ET INSTALLATION DE SECURITE ASSOCIEE**
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[54] **AMELIORATIONS CONCERNANT DES POCHEs JETABLES DANS LES TOILETTES DESTINEES A LA COLLECTE D'ECHANTILLONS CORPORELS, DISPOSITIFS POCHE DANS POCHE UTILISANT LESDITES POCHEs ET PROCEDES ASSOCIES**
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[54] **DISPERSIONS AMELIOREES DE POLYAMIDES PRESENTANT UNE TENEUR ELEVEE EN CARBOXYLE, TRANSFORMEES EN POLYESTERS A L'AIDE D'UN AGENT DE REDUCTION DE TENSION INTERFACIALE**
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[72] SIZER, PHILIP, GB
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[54] **PROCEDE ET INSTALLATION D'AVIVAGE SOUS VIDE PAR PULVERISATION MAGNETRON D'UNE BANDE METALLIQUE**
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[72] DEWEER, BENOIT, BE
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[72] MOTTOULLE, JACQUES, BE
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[72] FREDD, CHRISTOPHER N., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[73] WATER PIK, INC., US
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[54] **MICROPOROUS POLYOLEFIN MEMBRANE, ITS PRODUCTION METHOD, BATTERY SEPARATOR AND BATTERY**
[54] **MEMBRANE DE POLYOLEFINE MICROPOREUSE, METHODE DE PRODUCTION, SEPARATEUR D'ACCUMULATEUR ET ACCUMULATEUR**
[72] KIMISHIMA, KOTARO, JP
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[73] TORAY BATTERY SEPARATOR FILM CO., LTD., JP
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[72] WAGNER, LORI L., US
[72] TAN CHOK, BIN C., US
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[72] MURRAY, LIN, US
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[72] EICHHORN, CHRISTIAN, DE
[72] ALTHAPP, ANTON, DE
[72] RUGER, DIETMAR, DE
[72] SCHULZE, OLAF, DE
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[54] **REVETEMENT EXOTHERMIQUE DURABLE**
[72] QUINCY, ROGER BRADSHAW, III, US
[72] BRANHAM, KELLY DEAN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **DERIVES SUBSTITUES DE 4-AMINO-PYRROLOTRIAZINE UTILES DANS LE TRAITEMENT DE TROUBLES HYPERPROLIFERATIFS ET DE MALADIES ASSOCIEES A L'ANGIOGENESE**

[72] DIXON, JULIE, US

[72] PHILLIPS, BARTON, US

[72] ACHEBE, FURAH, US

[72] KLUENDER, HAROLD, US

[72] NEWCOM, JASON, US

[72] PARCELLA, KYLE, US

[72] O'CONNOR, STEPHEN J., US

[72] MAGNUSON, STEVEN, US

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[72] ZHANG, ZHONGHUA, US

[72] LIU, ZHENG, US

[72] KHIRE, UDAY, US

[72] WANG, LEI, US

[72] MICHELS, MARTIN, US

[72] CHANDLER, BRENT, US

[73] BAYER HEALTHCARE LLC, US

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[72] VAN DER WALT, IZAK JACOBUS, ZA

[72] GRUNENBERG, ALFRED TEO, ZA

[72] NEL, JOHANNES THEODORUS, ZA

[73] THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED, ZA

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[54] **COMPOSITION DE POUDRE METALLURGIQUE**

[72] KNUTSSON, PER, SE

[72] LARSSON, PER-OLOF, SE

[72] VIDARSSON, HILMAR, SE

[73] HOEGANAES AB (PUBL), SE

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[54] **SHEAR RESISTANT RIVET AND SAW CHAIN**

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[72] SEIGNEUR, CHRISTOPHER, US

[72] PENROSE, DAVID SCOTT, US

[72] GOETTEL, MICHAEL, US

[73] BLOUNT, INC., US

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[54] **BLOC D'ALIMENTATION EN ENERGIE ET DE RECHARGE POUR DISPOSITIFS MOBILES**

[72] VESELIC, DUSAN, CA

[73] BLACKBERRY LIMITED, CA

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[72] WHITEHEAD, KENNETH R., US

[72] SMITH, RONALD B., US

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[54] **PROTECTION OF GERMINATING SEED AND PILLS CONTAINING PESTICIDES**

[54] **PROTECTION DE GRAINES GERMEES ET PASTILLES CONTENANT DES PESTICIDES**

[72] LEGRO, ROBERT JEAN, NL

[72] HONKOOP, SIJBERT, NL

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[54] **PROCEDE DE FABRICATION D'ALIMENTS MOULES A PARTIR DE LEGUMES, DE VIANDE ET D'AUTRES ALIMENTS INDIVIDUELS**

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[72] GUTMANN, MICHAEL, DE

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[54] **MELANGES INSECTICIDES ET ACARICIDES CONTENANT DE LA BIFENTHRINE ET DES CYANOPYRETHROIDES**

[72] HERRICK, ROBERT M., US

[72] WALMSLEY, MARK, US

[72] STAETZ, CHARLES A., US

[72] HILTON, NANCY, US

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[54] **METHODE ET SYSTEMES METTANT EN OEUVRE DES ETIQUETTES A IDENTIFICATEUR PAR RADIO FREQUENCE AFIN DE COMPARER ET D'AUTENTIFIER DES OBJETS**

[72] BAUCHOT, FREDERIC, FR

[72] CLEMENT, JEAN-YVES, FR

[72] MARMIGERE, GERARD, FR

[72] SECONDO, PIERRE, FR

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[54] **CHARGEUR DE BATTERIE A FIABILITE ACCRUE**

[72] ROY, JAMES, CA

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[54] **DERIVES DE METASTINE ET LEUR UTILISATION**
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[72] NISHIZAWA, NAOKI, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **PROCEDE ET OUTILS POUR LA FABRICATION DE COUPLES EN MATERIAU COMPOSITE**
[72] NOGUEROLES VINES, PEDRO, ES
[72] GARCIA GARCIA, AQUILINO, ES
[72] MARTIN MARTIN, JESUS MANUEL, ES
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[54] **METHODE ET APPAREILLAGE PERMETTANT D'IDENTIFIER LES OCCURENCES D'UNE ADRESSE DE RESEAU DONNEE**
[72] ERB, PAUL ANDREW, CA
[72] NASIRI, KATAYOUN, CA
[73] MITEL NETWORKS CORPORATION, US
[86] (2636178)
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[54] **SYSTEME DE FORAGE A L'AIDE DE TUBES DE DERIVATION**
[72] DALE, BRUCE A., US
[72] BARRY, MICHAEL D., US
[72] YEH, CHARLES S., US
[72] BLACKLOCK, JON, US
[72] ROSENBAUM, DARREN F., QA
[72] HECKER, MICHAEL T., US
[72] HAEBERLE, DAVID C., US
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[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **APPAREIL ET PROCEDE PERMETTANT DE FILIGRANER UNE IMAGE NUMERIQUE**
[72] FUDGE, BRIAN, US
[72] THYAGARAJAN, KADAYAM, US
[72] ROSEN, ERIC, US
[73] QUALCOMM INCORPORATED, US
[86] (2637242)
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[54] **PREPARATION D'ALGINATES ANTISEPTIQUE**
[72] ROHRER, CHRISTIAN, AT
[72] LEUPRECHT, HELMUT, AT
[72] ALUPEI, IULIAN CORNELIU, DE
[73] LOHMANN & RAUSCHER GMBH & CO. KG, DE
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[54] **PROCEDE ET APPAREIL DE FORAGE POUR COMPLETION, PRODUCTION ET INJECTION**
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[72] BARRY, MICHAEL D., US
[72] YEH, CHARLES S., US
[72] BLACKLOCK, JON, US
[72] ROSENBAUM, DARREN F., QA
[72] HECKER, MICHAEL T., US
[72] HAEBERLE, DAVID C., US
[72] PHI, MANH V., US
[72] SIEGMAN, MICHAEL J., US
[72] MOHR, JOHN W., AU
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **METHOD, SYSTEM, AND PROGRAM PRODUCT FOR DEPLOYING A PLATFORM DEPENDENT APPLICATION IN A GRID ENVIRONMENT**
[54] **PROCEDE, SYSTEME ET PRODUIT-PROGRAMME DESTINES A DEPLOYER UNE APPLICATION DEPENDANTE D'UNE PLATEFORME DANS UN ENVIRONNEMENT GRILLE**
[72] DOGANATA, YURDAER NEZIHI, US
[72] GRABARNIK, GENADY, US
[72] KIM, MOON JU, US
[72] KOFMAN, GALINA, US
[72] KOZAKOV, LEV, US
[72] MELIKSETIAN, DIKRAN, US
[72] SHWARTZ, LARISA, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **ARRANGEMENT AND METHOD FOR COOLING A SOLUTION**
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[72] TUUPPA, EERO, FI
[72] LEHTONEN, MARKUS, FI
[73] OUTOTEC OYJ, FI
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[54] **AMELIORATIONS SE RAPPORTANT AUX FOSSES SEPTIQUES**
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[54] **ELECTRICAL CONTROL SYSTEM FOR AN AIRCRAFT STEERING VANE**
[54] **SYSTEME DE COMMANDE ELECTRIQUE POUR UNE GOUVERNE DE DIRECTION D'UN AVION**
[72] ROUGELOT, CHRISTOPHE, FR
[72] RONCERAY, DIDIER, FR
[73] AIRBUS, FR
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[54] **USE OF PREDEHYDRATION TOWERS IN AN ETHANE OXIDATION TO ACETIC ACID/ETHYLENE PROCESS**
[54] **UTILISATION DE TOURS DE PREDESHYDRATATION DANS UN PROCEDE D'OXYDATION D'ETHANE EN ACIDE ACETIQUE/ETHYLENE**
[72] MCSWAIN, C.V., US
[72] SEAMAN, GEORGE C., US
[73] CELANESE INTERNATIONAL CORPORATION, US
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[54] **METHODS, SYSTEMS, AND COMPUTER-READABLE MEDIA FOR REAL-TIME OIL AND GAS FIELD PRODUCTION OPTIMIZATION USING A PROXY SIMULATOR**
[54] **PROCEDES, SYSTEMES, ET SUPPORTS LISIBLES PAR ORDINATEUR POUR OPTIMISATION DE PRODUCTION DE CHAMPS DE PETROLE ET DE GAZ EN TEMPS REEL A L'AIDE D'UN SIMULATEUR MANDATAIRE**
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[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **METHOD AND APPARATUS FOR LAUNCHING ACTIVITIES**
[54] **METHODE ET APPAREIL DE LANCEMENT D'ACTIVITES**
[72] FYKE, STEVEN, CA
[72] ORR, KEVIN, CA
[72] MOOSAVI, VAHID, CA
[73] BLACKBERRY LIMITED, CA
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[54] **BRAKING SYSTEMS WITH COOLING**
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[72] FENNA, WILLIAM EDWARD, GB
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[54] **INDUCTION HEATING COOKING DEVICE**
[54] **DISPOSITIF DE CUISSON PAR CHAUFFAGE A INDUCTION**
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[72] WATANABE, KENJI, JP
[72] TOMINAGA, HIROSHI, JP
[72] NOGUCHI, SHINTARO, JP
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[73] PANASONIC CORPORATION, JP
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[54] **DISPOSITIF, PROCEDE ET APPAREIL DE SUPPORT D'ORTHESE DE PIED**
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[73] CASCADE DAFO, INC., US
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[72] DEXTER, ROBIN W., US
[73] FMC CORPORATION, US
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[54] **SYSTEME ELECTRONIQUE D'ANTENNES DE SURVEILLANCE D'ARTICLES POUR UNE LARGE SORTIE / ENTREE**
[72] HALL, STEWART E., US
[72] COPELAND, RICHARD L., US
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[54] **DISTRIBUTEUR ELECTRONIQUE DE PRODUITS EN FEUILLES**
[72] REINSEL, CHRISTOPHER M., US
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[72] KANE, WILLIAM J., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[54] **CARBIDE CUTTING TOOL AND METHOD OF MAKING SUCH A TOOL**
[54] **OUTIL DE COUPE EN CARBURE ET PROCEDE DE FABRICATION D'UN TEL OUTIL**
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[54] **SLOT INTERFACE ACCESS UNIT, METHOD THEREOF, AND PROGRAM THEREOF, AS WELL AS REDUNDANCY CONFIGURATION OF MAIN UNIT, AND REPLACING METHOD OF THE SAME**
[54] **UNITE D'ACCES D'INTERFACE A FENTE, METHODE ET PROGRAMME CONNEXES, ET CONFIGURATION DE REDONDANCE DE L'UNITE PRINCIPALE ET SA METHODE DE REMPLACEMENT**
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[73] NEC INFRONTIA CORPORATION, JP
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[25] EN
[54] **SYSTEMS AND METHODS FOR OBTAINING IMPROVED ACCURACY MEASUREMENTS OF MOVING ROLLING STOCK COMPONENTS**
[54] **SYSTEMES ET METHODES PERMETTANT D'OBTENIR UNE MEILLEURE PRECISION SUR LES MESURES VISANT LES ELEMENTS DE MATERIEL ROULANT**
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[54] **INDAZOLE COMPOUNDS COMPOSES D'INDAZOLE**
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[72] BURCHAT, ANDREW, US
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[72] CALDERWOOD, DAVID J., US
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[13] C

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[54] **TIME-LAPSED DIFFUSIVITY LOGGING FOR MONITORING ENHANCED OIL RECOVERY**
[54] **DIAGRAPHIE DE DIFFUSIVITE REPETITIVE POUR RECUPERATION ASSISTEE DE L'HUILE**
[72] EDWARDS, JOHN, SA
[72] LADVA, HEMANT K.J., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **METHOD, SYSTEM AND MOBILE DEVICE FOR REGISTERING VOICE DATA WITH CALENDAR EVENTS**
[54] **METHODE, SYSTEME ET DISPOSITIF MOBILE POUR ENREGISTRER DES VOIX ET DES DONNES AVEC DES EVENEMENTS PREVUS**
[72] MAY, DARRELL, CA
[72] SUNDBERG, KEVIN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **LATCHBOLT FOR A DOOR LOCK ASSEMBLY**
[54] **VERROU POUR ENSEMBLE SERRURE DE PORTE**
[72] ARLINGHAUS, PAUL R., US
[72] TRENT, BRADLEY W., US
[72] BRANNAMAN, RICK L., US
[72] OVERBEY, JAMES W., US
[72] COOK, KENNETH P., US
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[73] VON DUPRIN LLC, US
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[25] EN
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[54] **COUVERCLE POUR RECIPIENT A CONDIMENTES**
[72] TARDIF, PIERRE, CA
[73] TRUDEAU CORPORATION 1889 INC., CA
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[54] **INHIBITORS OF POLO-LIKE KINASES**
[54] **INHIBITEURS DE LA KINASE DE TYPE POLO**
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[72] GIRANDA, VINCENT L, US
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[72] TONG, YUNSONG, US
[72] VASUDEVAN, ANIL, US
[72] WANG, LE, US
[72] WOODS, KEITH W., US
[72] XIA, ZHIREN, US
[72] ZHANG, HENRY Q., US
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[54] **DEBITMETRE ET MELANGEUR DE FLUIDES**
[72] PETERS, ROBERT J. W., GB
[72] MCALL, FLOYD (DECEASED), US
[73] MCCROMETER, INC., US
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[25] EN
[54] **GRAPHIC USER INTERFACE FOR A PATIENT VENTILATOR**
[54] **INTERFACE GRAPHIQUE UTILISATEUR POUR RESPIRATEUR**
[72] WALLACE, CHARLES L., US
[72] SANBORN, WARREN G., US
[72] ARNETT, DAVID, US
[72] BUTTERBRODT, JAY, US
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[54] **USE OF INORGANIC PHOSPHATE COMPOUNDS AS PALATABILITY ENHANCERS OF FLAVOURS GENERATED BY THERMAL REACTIONS IN WET PET FOODSTUFFS**

[54] **UTILISATION DE COMPOSES PHOSPHATE INORGANIQUES AMELIORANT LE GOUT PRODUIT PAR REACTIONS THERMIQUES DE PRODUITS ALIMENTAIRES MOUILLES POUR ANIMAUX DE COMPAGNIE**

[72] PETTELOT, ELODIE, FR

[72] DE RATULD, AURELIE, FR

[72] GUILLER, ISABELLE, FR

[73] SPECIALITES PET FOOD, FR

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[72] KURATA, TAISHI, JP

[73] TAPIOCA-COMERCIO E SERVICOS SOCIEDADE UNIPESSOAL LDA, PT

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[51] **Int.Cl. H04W 76/02 (2009.01) H04W 72/00 (2009.01) H04W 72/02 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANAGING A SET OF COMMUNICATIONS CONNECTION RELATED INFORMATION**

[54] **PROCEDE ET APPAREIL POUR GERER UN ENSEMBLE D'INFORMATIONS LIEES A UNE CONNEXION DE COMMUNICATION**

[72] PRAKASH, RAJAT, US

[72] ULUPINAR, FATIH, US

[72] HORN, GAVIN BERNARD, US

[72] BENDER, PAUL E., US

[72] AGASHE, PARAG ARUN, US

[73] QUALCOMM INCORPORATED, US

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[25] EN

[54] **METHOD OF REDUCING THE LOAD OF ONE OR MORE ENGINES IN A LARGE HYDRAULIC EXCAVATOR**

[54] **PROCEDE POUR REDUIRE LA CHARGE D'UN OU DE PLUSIEURS MOTEURS DANS UNE EXCAVATRICE HYDRAULIQUE DE GRAND VOLUME**

[72] BUSSE, WILFRIED, DE

[72] EMMINGER, REINHARD, DE

[73] TEREX GMBH, DE

[85] 2008-11-03

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[30] DE (10 2006 020 441.7) 2006-05-03

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[25] EN

[54] **USE OF TYPE V PHOSPHODIESTERASE INHIBITORS IN THE TREATMENT OF EXERCISE INDUCED PULMONARY HEMORRHAGE IN THE EQUINE**

[54] **UTILISATION D'INHIBITEURS DE LA PHOSPHODIESTERASE DE TYPE V DANS LE TRAITEMENT D'UNE HEMORRAGIE PULMONAIRE INDUITE PAR L'EXERCICE CHEZ LE CHEVAL**

[72] PERRY, BRYAN J., US

[73] ANOXA CORP., US

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[54] **ENDOSCOPE AND OPTICAL FIBER ASSEMBLY**

[54] **ENDOSCOPE ET ENSEMBLE DE FIBRES OPTIQUES**

[72] NAHEN, KESTER, DE

[72] ARNOLD, KEN, US

[72] PENG, STEVEN YIHLIH, US

[72] KERMODE, JAMES RAYMOND, US

[73] AMS RESEARCH CORPORATION, US

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[54] **POLYMERS FOR FUNCTIONAL PARTICLES**

[54] **POLYMERES POUR PARTICULES FONCTIONNELLES**

[72] GU, FRANK X., US

[72] TEPLY, BENJAMIN A., US

[72] LANGER, ROBERT S., US

[72] FAROKHZAD, OMID C., US

[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC, US

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[13] C

[51] **Int.Cl. G05B 19/418 (2006.01) G06F 17/40 (2006.01)**

[25] EN

[54] **PROCESS CONTROL SYSTEM WITH ABILITY TO EXCHANGE DATA WITH PRODUCTION LINE MACHINE CONTROLLERS**

[54] **SYSTEME DE COMMANDE DE PROCESSUS AVEC CAPACITE D'ECHANGE DE DONNEES AVEC MACHINES DE CHAINE DE PRODUCTION**

[72] SASKO, DAVID A., US

[72] PENNINGTON, TERRY W., US

[72] MANN, GEORGE, US

[72] HRANICA, JAMES A., US

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

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[72] PARQUET, JEAN-MARC, FR

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[72] MAALDERINK, HERMAN HENDRIKUS, NL
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[54] **VESICULES DE COPOLYMERES
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HEAT DURING
MANUFACTURING OF MOLTEN
IRON AND METHOD FOR
GENERATING ENERGY USING
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[54] **APPAREIL GENERATEUR
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] KIMMEL, JENNIFER L., US
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[54] **APPAREIL DE NETTOYAGE DE SURFACES DONT LE BAC A POUSSIERE PRESENTE UNE ENTREE EXCENTREE**
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[54] **MESURE ET SUIVI INDEPENDANTS DE FREQUENCE**
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[72] D'AVERSA, ANGELO, US
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[54] **BATI DE TURBINE ET METHODE APPLICABLE A UNE TURBINE A GAZ**
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[72] PARKS, ROBERT JOHN, US
[72] HERNANDEZ, WILHELM, US
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[54] **PORTE-CONDUCTEURS A EPISSER**
[72] HAROS HERNANDEZ, ALFREDO, MX
[72] CARRIZALES ESPINOSA, GUMARO, MX
[72] TREJO AGUILAR, LEONCIO, MX
[73] GROTE INDUSTRIES, INC., US
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[72] BOWLDS, BRIAN BURKET, US
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[54] **PROCEDE ET APPAREIL POUR LE REMPLACEMENT DE FOND DANS DES PHOTOGRAPHIES**
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[54] **PROCEDE ET SYSTEME POUR FOURNIR UN FACTEUR DE BALLAST REGLABLE**
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[72] MACADAM, RUSSELL, US
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[73] LUTRON ELECTRONICS CO., INC., US
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[72] JANNARD, JAMES, US
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[85] 2009-10-08
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[54] **AGENTS FONGICIDES A USAGE TOPIQUE POUR LE TRAITEMENT DES ONGLES**
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[54] **ANTAGONISTES DE TRPV1 ET LEURS UTILISATIONS DANS LE TRAITEMENT OU LA PREVENTION DE LA DOULEUR, DE L'UI, AINSI QUE DES ULCERES, DES MALADIES INFLAMMATOIRES CHRONIQUES DE L'INTESTINOU DU COLON IRRITABLE CHEZ UN ANIMAL**
[72] TAFESSE, LAYKEA, US
[72] KUROSE, NORIYUKI, JP
[73] PURDUE PHARMA L.P., US
[73] SHIONOGI & CO., LTD., JP
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[54] **METHOD AND APPARATUS FOR CONTINUOUS PROCESSING OF WHOLE MUSCLE MEAT PRODUCTS**
[54] **METHODE ET DISPOSITIF DE TRANSFORMATION CONTINUE DES PRODUITS CARNES ENTIEREMENT CONSTITUES DE MUSCLES**
[72] CABRALES, LYNDA, US
[72] NEHLS, AMY LYNN, US
[72] MACBRIDE, MAURINE ANNE, US
[72] MORIN, PAUL GERARD, US
[72] RIVERO, ORESTES (DECEASED), US
[72] JANULIS, THEODORE NICHOLAS, US
[72] THUERK, JEREMY ALAN, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
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[72] SILLER, INGO, AT
[72] SCHWEIGER, HERBERT, AT
[72] CALISKANOGLU, DEVRIM, AT
[72] ZINNER, SILVIA, AT
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[54] **COMPOSES AROMATIQUES POLYHYDROXYLES POUR LE TRAITEMENT DE L'AMYLOSE**

[72] CASTILLO, GERARDO M., US
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[54] **PROCEDE DE COMMANDE POUR LA PRODUCTION DE MARQUAGES AU SOL ET GENERATEUR DE FAISCEAU DE REFERENCE**

[72] SCHNEIDER, KLAUS, AT
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[54] **METHODES DE CURAGE DES Puits HORIZONTAUX AU MOYEN DE TUBES SPIRALES**

[72] MISSELBROOK, JOHN GORDON, CA
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[54] **CONTACTLESS POWER TRANSMISSION CIRCUIT**

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[72] KITAMURA, HIROYASU, JP
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[73] PANASONIC CORPORATION, JP
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[54] **APPAREIL OSTEOGENIQUE-PNEUMOPEDIQUE, SYSTEME ET METHODE**

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[54] **PROCEDE ET COMPOSITION DE PREPARATION DE PRODUITS CARNES SECHES**

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[72] BAUMAN, KEN, US
[72] MCKLEM, LACEY, US
[72] PAPINAHO, PETRI, US
[72] JONES, BETH, US
[73] KERRY GROUP SERVICES INTERNATIONAL, LTD., IE
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[54] **SYSTEME DE GESTION DE FILS ELECTRIQUES POUR DES SYSTEMES ELECTRIQUES MODULAIRES**

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[73] BYRNE, NORMAN R., US
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[73] TYCO HEALTHCARE GROUP LP, CA
[86] (2692057)
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[54] **PROCEDE ET DISPOSITIF POUR COMMANDER UN LEVE-VITRE ELECTRIQUE POUR VOITURE**
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[73] AUTONET TECHNOLOGIES, INC., CN
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[54] **SYSTEME DE MOBILITE D'AUTOCOMMUNICATEUR PRIVE AVEC MULTIPLES SEGMENTS DE COMMUNICATION**
[72] GUPTA, ABHINAV, US
[72] GEORGE, RICHARD JOHN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ENTITE DE RESEAU, METHODE ET SYSTEME ASSURANT L'APPEL DE SERVICES SUPPLEMENTAIRES A TRAVERS DIFFERENTS RESEAUX**
[72] ISLAM, M. KHALEDUL, CA
[72] HOSSAIN, ASIF, CA
[73] BLACKBERRY LIMITED, CA
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[72] MULLER, MARKUS, DE
[72] UFFMANN, DIRK, DE
[73] NOKIA CORPORATION, FI
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[72] LO, WENLIN, TW
[72] LIN, KENGLI, TW
[72] LU, HUNGCHING, TW
[73] MODERN ISLANDS CO., LTD., VG
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[54] **SYSTEM FOR ACTIVATED SLUDGE WASTEWATER TREATMENT WITH HIGH DISSOLVED OXYGEN LEVELS**
[54] **SYSTEME POUR UN TRAITEMENT D'EAUX USEES PAR DES BOUES ACTIVEES AVEC DE NIVEAUX ELEVES D'OXYGENE DISSOUS**
[72] NOVAK, RICHARD A., US
[72] FABIYI, MALCOLM, US
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[54] **BOUTEILLE POUR BOISSONS ACCOMPAGNEE D'UN OBJET PROMOTIONNEL**
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[54] **METHOD FOR EFFICIENT SEARCHING FOR CELLULAR NETWORK ACCESS POINTS FOR CLOSED GROUPS IN CELLULAR ACCESS NETWORKS**
[54] **PROCEDE DE RECHERCHE EFFICACE DE POINTS D'ACCES DE RESEAU CELLULAIRE POUR DES GROUPEES FERMES DANS DES RESEAUX D'ACCES CELLULAIRES**
[72] SPEICHER, SEBASTIAN, DE
[72] NENNER, KARL-HEINZ, DE
[73] DEUTSCHE TELEKOM AG, DE
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[54] **A CUT AND RIGIDIFIED CONSTRUCTION COMPONENT AND METHOD OF MANUFACTURING SAME**
[54] **ELEMENT DE CONSTRUCTION ENTAILLE ET RAIDI ET SON PROCEDE DE FABRICATION**
[72] LAFLAMME, MARTIN, CA
[72] BERNIER, NICOLAS, CA
[72] L'ALLIER, MARIO, CA
[72] ROBICHAUD, ALAIN, CA
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[54] **METHOD OF DETERMINING THE PARTICLE SENSITIVITY OF ELECTRONIC COMPONENTS**
[54] **PROCEDE DE DETERMINATION DE LA SENSIBILITE DES COMPOSANTS ELECTRONIQUES VIS-A-VIS DES PARTICULES**
[72] MILLER, FLORENT, FR
[72] BUARD, NADINE, FR
[72] WEULERSSE, CECILE, FR
[72] CARRIERE, THIERRY, FR
[72] HEINS, PATRICK, FR
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR
[73] ASTRIUM SAS, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
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[54] **DIVERS PROCEDES ET APPAREILS CONCUS POUR UN TRANSFORMATEUR ZIG-ZAG INTEGRE**
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[73] ROSENDIN ELECTRIC, INC., US
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[54] **APPARATUS AND PROCESS FOR PRODUCING A WEB SUBSTRATE HAVING INDICIA PRINTED THEREON AND ELASTIC-LIKE BEHAVIOR IMPARTED THERETO**
[54] **APPAREIL ET PROCEDE DE PRODUCTION D'UN SUBSTRAT EN TOILE SUR LEQUEL SONT DISPOSEES DES IMPRESSIONS ET AUQUEL EST CONFERE UN COMPORTEMENT ELASTIQUE**
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[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **APPAREIL ET PROCÉDE DE SÉPARATION DE FLUIDES A MULTIPLES PHASES**
[72] SARSHAR, MIR MAHMOOD, GB
[72] BEG, MIRZA NAJAM ALI, GB
[72] NALUKURTHY, RAJA KISHORE, GB
[73] CALTEC LIMITED, GB
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[54] **CONTENANT A FERMETURE INVOLABLE AVEC REBORD DE BLOCAGE**
[72] GIFT, STEVE, US
[72] COULTER, TOM, US
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[72] WILSON, TRACIE, US
[73] MCCORMICK & COMPANY, INCORPORATED, US
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[54] **CAROTTE SCELLEE**
[72] REID, LENNOX E., JR., US
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **STIRRUP-TYPE POWER UTILITY ELECTRICAL CONNECTOR ASSEMBLIES**
[54] **ENSEMBLES CONNECTEURS ELECTRIQUES POUR INSTALLATION D'ALIMENTATION ELECTRIQUE DE TYPE ETRIER**
[72] COPPER, CHARLES DUDLEY, US
[72] LADIN, DMITRY, CA
[73] TYCO ELECTRONICS CORPORATION, US
[73] TYCO ELECTRONICS CANADA ULC, CA
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[54] **CONVEX CRESTED INSERT WITH DEFLECTED WEDGE SURFACES**
[54] **PIECE RAPPORTEE CONVEXE A CRETE AVEC SURFACES DE COINS DEFORMEES**
[72] FAN, XIAOBING, CN
[72] WU, PENG, CN
[72] CHEN, DONGFANG, CN
[72] GUO, CHENGFU, CN
[73] KINGDREAM PUBLIC LTD. CO., CN
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[25] EN
[54] **SYSTEM AND METHOD FOR RECEIVING ANALOG AND DIGITAL INPUT**
[54] **SYSTEME ET PROCÉDE DE RECEPTION D'ENTREES ANALOGIQUES ET NUMERIQUES**
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[72] BUCHHOLZ, PHILIP, US
[73] AMX LLC, US
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[72] LAITILA, MATTI, FI
[72] VESTERINEN, SEPPO, FI
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[54] **COMMUTEUR DE CIRCULATION**
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[54] **ADN DE COPIE ET ARN SENS**
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[72] SOOKNANAN, ROY RABINDRANAATH, CA
[73] CELLSRIPT, INC., US
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[54] **SYSTEME DE STOCKAGE ET D'ORGANISATION**
[72] APGOOD, WILLIAM G., US
[72] VAINBERG, LENNY, US
[72] GLENN, ROBERT, US
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[73] RED STAR TRADERS, LLC, US
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[72] CARMEN, DANIEL F., US
[73] LUTRON ELECTRONICS CO., INC., US
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[54] **COMPOSITIONS ET PROCEDES DE NETTOYAGE UNIVERSEL DEGRAISSANTS**
[72] YIANAKOPOULOS, GEORGES, BE
[72] PAGNOUL, PATRICIA, BE
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **A COATING FOR A MEDICAL DEVICE HAVING AN ANTI-THROMBOTIC CONJUGATE**
[54] **ENROBAGE POUR INSTRUMENT MEDICAL COMPORTANT UN CONJUGUE ANTITHROMBOTIQUE**
[72] ZHAO, JONATHON Z., US
[72] FALOTICO, ROBERT, US
[73] CORDIS CORPORATION, US
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[54] **CHASSIS ROULANT DE SEMI-REMORQUE**
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[73] LUNDIN RECOVERY EQUIPMENT LLC, US
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[54] **DISPOSITIF DE BALAYAGE DE FLAMME AJUSTABLE A LONGUEUR VARIABLE**
[72] CHASE, PAUL H., US
[72] CLARK, WILLIAM M., III, US
[72] FUSCO, PIO J., US
[73] ALSTOM TECHNOLOGY LTD, CH
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[72] MIRICA, VIOREL, CA
[72] MCALPINE, KELLEY, CA
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[54] **DISPOSITIF DE STATION MOBILE, SYSTEME DE COMMUNICATION MOBILE ET PROCEDE DE COMMUNICATION**
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[72] AIBA, TATSUSHI, JP
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEME ET PROCEDE POUR GENERER UNE LISTE NOIRE POUR DES FEMTOCELLULES**
[72] WILLEY, WILLIAM DANIEL, US
[72] PURNADI, RENE, US
[72] CHAN, KWONG HANG, CA
[72] CHAUDRY, SHAHID, CA
[72] HOSSAIN, ASIF, CA
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[72] XUE, HAO ANN, CA
[73] BLACKBERRY LIMITED, CA
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[25] FR
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[54] **SUPPORT FLOTTANT COMPRENANT UN TOURET EQUIPE D'UNE BOUEE D'AMARRAGE DE CONDUITES DE LIAISON FOND/SURFACE DECONNECTABLE**
[72] BAYLOT, MICHEL, FR
[72] DENISE, JEAN-PAUL, FR
[72] MARTY, THOMAS, FR
[73] SAIPEM S.A., FR
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[13] C

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[25] FR
[54] **DEVICE FOR ATTACHING ACCESSORIES TO BARS, APPLICATION TO MOTOR VEHICLE ROOF RAIL BARS**
[54] **DISPOSITIF DE FIXATION D'ACCESSOIRES SUR DES BARRES, ET APPLICATION AUX BARRES DE TOIT DE VEHICULES AUTOMOBILES**
[72] BROCHIER, PATRICE JEAN MARIE ALAIN, FR
[72] SOTEAU, CHRISTIAN, AIME, CHARLES, FR
[73] BROCHIER, PATRICE JEAN MARIE ALAIN, FR
[73] SOTEAU, CHRISTIAN, AIME, CHARLES, FR
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[54] **OUTIL DE MISE EN PLACE DIRECTIONNEL ET METHODES ASSOCIEES**
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INTERFACES INDEPENDANTES DU MEDIA EN SERIE MBPS 10/100/1000/2500 (SGMII)**
[72] MAHALAWAT, SANJEEV, US
[72] MCCOOL, JOHN, US
[72] METIVIER, CHRISTOPHE, US
[72] CHEN, SUN-DEN, US
[73] CISCO TECHNOLOGY INC., US
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[54] **UTILISATION DE MACROLIDES DANS LA LUTTE CONTRE LES PARASITES**
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[72] SUTTER, MARIUS, CH
[72] BRANDL, FRANZ, CH
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[54] **METHOD AND DEVICE FOR INSERTING (TUBE) BAGS INTO CARTONS**
[54] **PROCEDE ET DISPOSITIF POUR INTRODUIRE DES SACHETS (TUBULAIRES) DANS DES CARTONS**
[72] PRAHM, ANDREAS, DE
[72] BOHLEN, MIMKE, DE
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[73] FOCKE & CO. (GMBH & CO. KG), DE
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[72] MILLER, CHRIS P., US
[73] RADIUS HEALTH, INC., US
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[54] **METHOD AND APPARATUS TO REPORT AND MANAGE CELLS IN A MULTI CARRIER SYSTEM**
[54] **PROCEDE ET APPAREIL POUR SIGNALER ET GERER DES CELLULES DANS UN SYSTEME A ONDES PORTEUSES MULTIPLES**
[72] GHOLMIEH, AZIZ, US
[72] ZHANG, DANLU, US
[72] SAMBHWANI, SHARAD DEEPAK, US
[72] YAVUZ, MEHMET, US
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[54] **COMPOSE PHOSPHINE, PROCEDE DE FABRICATION DU COMPOSE PHOSPHINE ET CAPTEUR DE PEROXYDES UTILISANT LE COMPOSE PHOSPHINE**

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[54] **COUVERCLE OU FOURREAU POUR LE MECANISME D'AVANCE DE CLOU D'UN OUTIL D'ENFONCEMENT D'ORGANE DE FIXATION**

[72] PANASIK, CHERYL L., US

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[54] **PROCEDE ET APPAREIL POUR LA DETERMINATION DE POSITION AVEC DES DONNEES D'ORBITE SPS HYBRIDES**

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[54] **INNOVATIVE METHOD TO CREATE A BUS BASED SWITCHING SCHEME FOR A HDMI OR SIMILAR I/F'S**

[54] **NOUVEAU PROCEDE DE CREATION D'UN SCHEMA DE COMMUTATION A BASE DE BUS POUR INTERFACES HDMI OU SIMILAIRES**

[72] SHINTANI, PETER, US

[72] TOYOSHIMA, KENICHIRO, US

[73] SONY CORPORATION, JP

[73] SONY ELECTRONICS INC., US

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[54] **TUYAU D'ACIER UOE A HAUTE RESISTANCE, EXCELLENT EN TERMES DE PERFORMANCE PARASISMIQUE ET DE TENACITE A BASSE TEMPERATURE D'UNE ZONE DE SOUDURE THERMIQUEMENT AFFECTEE**
[72] TAKAHASHI, NOBUAKI, JP
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[72] HAMADA, MASAHIKO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[73] QUALCOMM INCORPORATED, US
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[54] **COMPOSES CYCLIQUES PEPTIDOMIMETIQUES A SPIRE BETA UTILISES POUR TRAITER L'OEIL SEC**
[72] CUMBERLIDGE, GARTH, US
[72] MEEROVITCH, KAREN, CA
[72] LAMA, TERESA, CA
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[72] MOFFATT, CHRISTOPHER D., US
[72] TONTI, JAMES, US
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[54] **METHOD FOR APPLYING A PRESSURE SENSITIVE SHRINK LABEL TO AN ARTICLE**
[54] **PROCEDE D'APPLICATION D'UNE ETIQUETTE RETRACTABLE AUTOCOLLANTE SUR UN ARTICLE**
[72] PREVITY, RICHARD A., US
[72] LORENCE, JAMES PAUL, US
[72] PASTOR, RICHARD D., US
[72] POTTER, CRAIG WILLIAM, US
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[72] LEE, YOUNG DAE, KR
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[72] LI, CHUNHUNG, TW
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[54] **SYSTEM AND METHOD FOR
SENSOR CONTROL OF THE
FUEL-AIR RATIO IN A BURNER**
[54] **SYSTEME ET PROCEDE DE
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[72] KAMEN, DEAN L., US
[72] LANGENFELD, CHRISTOPHER C.,
US
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[72] ORMEROD, WILLIAM W., III, US
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[73] NEW POWER CONCEPTS LLC, US
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[54] **DEVICE, METHOD AND USE OF A
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STARTING MATERIALS,
COMBUSTIBLE SUBSTANCES
AND FUELS FROM ORGANIC
SUBSTANCES**
[54] **DISPOSITIF, PROCEDE ET
UTILISATION D'UN REACTEUR
POUR PRODUIRE DES MATIERES
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[72] BERGER, UWE, DE
[72] WILLNER, THOMAS, DE
[72] VANSELOW, WALTER, DE
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[54] **SOUND ATTENUATOR FOR LOW
FREQUENCIES, METHOD FOR
MANUFACTURING SOUND
ATTENUATOR FOR LOW
FREQUENCIES AND SYSTEM
FOR ATTENUATING LOW
FREQUENCIES FOR EXAMPLE IN
AIR-CONDITIONING DUCTS OF
PAPER MILLS**
[54] **ATTENUATEUR ACOUSTIQUE
POUR BASSES FREQUENCES,
PROCEDE DE FABRICATION
D'UN ATTENUATEUR
ACOUSTIQUE POUR BASSES
FREQUENCES ET SYSTEME
D'ATTENUATION DE BASSES
FREQUENCES PAR EXEMPLE
DANS DES CONDUITS DE
CONDITIONNEMENT D'AIR DE
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[72] HELENIUS, KALLE, FI
[72] PETERSSON, HENRIK, FI
[73] METSO PAPER, INC., FI
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[54] **PREPARATIONS AURICULAIRES DE TRAITEMENT DE MALADIES ET ETATS OTIQUES**

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[72] VOLLRATH, BENEDIKT, US

[72] TRAMMEL, ANDREW M., US

[72] DURON, SERGIO G., US

[72] PIU, FABRICE, US

[72] DELLAMARY, LUIS A., US

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[72] LEBEL, CARL, US

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

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[54] **COMPOSITION MICROBICIDE**

[72] EL A'MMA, BEVERLY JEAN, US

[72] HEER, BEAT, CH

[72] LEVY, RICHARD, FR

[72] PAREEK, KIRAN, US

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[54] **SYSTEM AND METHOD FOR MANAGING COMMUNICATIONS IN CELLS WITHIN A CELLULAR COMMUNICATION SYSTEM**

[54] **SYSTEME ET PROCEDE DE GESTION DE COMMUNICATIONS DANS DES CELLULES AU SEIN D'UN SYSTEME DE COMMUNICATION CELLULAIRE**

[72] MONNES, PETER, US

[72] HENGEVELD, THOMAS ANDREW, US

[73] PINE VALLEY INVESTMENTS, INC., US

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[54] **SUPPORT ERGONOMIQUE ET PROCEDE D'AIDE AU SOMMEIL**

[72] ABRAHAM, OSWALD L., AU

[73] ABRAHAM, CYNTHIA R., AU

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[73] COIL TUBING TECHNOLOGY, INC., US

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[54] **COMPOSITIONS DE CORTICOSTEROIDES A LIBERATION CONTROLLEE ET PROCEDES POUR LE TRAITEMENT DE TROUBLES OTIQUES**

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[72] VOLLRATH, BENEDIKT, US
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[54] **KERATIN DYEING COMPOUNDS, KERATIN DYEING COMPOSITIONS CONTAINING SAID COMPOUNDS, AND USE THEREOF**

[54] **COMPOSES DE COLORATION DE LA KERATINE, COMPOSITIONS DE COLORATION DE LA KERATINE CONTENANT LESDITS COMPOSES, ET LEUR UTILISATION**

[72] DAHLGREN, RICHARD MARC, US
[72] LAIDIG, WILLIAM DAVID, US
[72] LIM, MU-ILL, US
[72] MURPHY, BRYAN PATRICK, US
[72] ZHANG, GUIRU, US
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[54] **DIFFERENTIATION OF HUMAN EMBRYONIC AND INDUCED PLURIPOTENT STEM CELLS**

[54] **DIFFERENCIATION DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES ET DE CELLULES SOUCHES PLURIPOTENTES INDUITES**

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[72] KOSHER, ROBERT A., US
[73] UNIVERSITY OF CONNECTICUT, US

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[54] **COMPOSITIONS CONTENANT UN AGENT ACTIF SOLVATE APPROPRIE POUR LA DISTRIBUTION COMME AEROSOL DE GAZ COMPRI ME**

[72] CLARK, PAUL A., US
[72] VALPEY, RICHARD S., III, US
[72] TASZ, MACIEJ K., US
[73] S. C. JOHNSON & SON, INC., US

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[54] **APPAREIL ET PROCEDE D'IMPRESSI ON SUR DES ARTICLES PRESENTANT UNE SURFACE NON PLANE**

[72] UPTERGROVE, RONALD L., US
[72] SENTA, MANISH K., US
[73] PLASTIPAK PACKAGING, INC., US

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[54] **CREATION DE CHEMINS DE COMMUNICATION ENTRE DES DISPOSITIFS D'INFRASTRUCTURE DANS UN SYSTEME DE COMMUNICATION DE GROUPE AU SEIN D'UN RESEAU ETENDU**
[72] LOGALBO, ROBERT D., US
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[54] **STRUCTURES ABSORBANTES PRESENTANT UN REVETEMENT EN MATIERE ABSORBANTE**
[72] MEYER, AXEL, DE
[72] MCKIERNAN, ROBIN LYNN, US
[72] AUTRAN, JEAN-PHILIPPE MARIE, US
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[54] **PROCEDE DE FABRICATION DE SUBSTRATS CARBONES CHARGES D'OXYDES METALLIQUES ET SUBSTRATS CARBONES FABRIQUES PAR CE PROCEDE**
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[54] **LEAK AND POOR DRAINAGE DETECTION FOR ELECTRONIC LAUNDRY MACHINE**
[54] **DETECTION DE FUITE ET DE DRAINAGE FAIBLE DANS UN LAVE-LINGE ELECTRONIQUE**
[72] ZAMBROWICZ, MICHAEL J., US
[72] HOCHTRITT, JEFFREY R., US
[72] KOCHA, ADAM L., US
[73] ALLIANCE LAUNDRY SYSTEMS LLC, US
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[72] LINS, NIKOLAS, DE
[72] DIESTEL, SYLVIA, DE
[72] THIES, ANDREAS, DE
[73] J.S. STAEDTLER GMBH & CO. KG, DE
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- [72] DIAKOUMAKOS, CONSTANTINOS D., GB
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- [54] **MOTEUR, VENTILATEUR ET FILTRE INSTALLEES DANS UN ASPIRATEUR**
- [72] ROWNTREE, DAVID, GB
- [72] WALKER, ANDREW, GB
- [73] BLACK & DECKER INC., US
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- [54] **COMPOSITIONS ANTIMICROBIENNES A LIBERATION CONTROLEE ET PROCEDES POUR LE TRAITEMENT DE TROUBLES OTIQUES**
- [72] LICHTER, JAY, US
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- [72] BURMESCH, GARY, US
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- [72] PAULSON, DEAN, US
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- [73] LG ELECTRONICS INC., KR
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- [54] **MULTI-PHASE CONDUCTOR SHOE FOR USE WITH ELECTRICAL SUBMERSIBLE PUMP**
- [54] **PATIN CONDUCTEUR MULTIPHASE CONCU POUR SERVIR AVEC UNE POMPE DE SUBMERSIBLE ELECTRIQUE**
- [72] TETZLAFF, STEVEN K., US
- [72] BIERIG, KEVIN R., US
- [72] THOMPSON, JOSEPH SCOTT, US
- [73] BAKER HUGHES INCORPORATED, US
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- [72] KOJIMA, HIROYUKI, JP
- [72] OGAWA, SUMITAKA, JP
- [73] HONDA MOTOR CO., LTD., JP
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[54] **REMOVAL OF CONTAMINANTS FROM WASTE STREAMS USING POLYMERIC ADDITIVES**
[54] **SYSTEMES ET PROCEDES D'EXTRACTION DES CONTAMINANTS DES DECHETS LIQUIDES A L'AIDE D'ADDITIFS POLYMERIQUES**
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[72] ASHCRAFT, NATHAN, US
[73] SOANE MINING, LLC, US
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[25] EN
[54] **IMPLANTABLE ELECTRIC STIMULATION SYSTEM AND METHODS OF MAKING AND USING**
[54] **SYSTEME DE STIMULATION ELECTRIQUE IMPLANTABLE ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BARKER, JOHN MICHAEL, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **OIL STORING DEVICE AND ENGINE HAVING THE SAME**
[54] **DISPOSITIF D'EMMAGASINAGE D'HUILE ET MOTEUR AINSI EQUIPE**
[72] TAKAHASHI, HIROSHI, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **COMBINATION THERAPY FOR TUBERCULOSIS**
[54] **THERAPIE COMBINEE POUR LA TUBERCULOSE**
[72] BRICKNER, STEVEN JOSEPH, US
[72] NUERMBERGER, ERIC, US
[72] STOVER, CHARLES KENDALL, US
[73] PFIZER INC., US
[73] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **METHODS AND COMPOSITIONS FOR TREATING ECTOPARASITE INFESTATION**
[54] **METHODES DE TRAITEMENT D'UNE INFESTATION PAR DES ECTOPARASITES ET COMPOSITIONS A CET EFFET**
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[72] CAMPBELL, WILLIAM R., US
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A FEU**
[72] CALISKANOGLU, DEVRIM, AT
[72] SCHWEIGER, HERBERT, AT
[72] SILLER, INGO, AT
[73] BOEHLER EDELSTAHL GMBH &
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[54] **SUCTION DEVICE FOR
CLEANING A BOTTOM SURFACE
OF A STRUCTURE OF AT LEAST
15,000 M3**
[54] **DISPOSITIF D'ASPIRATION POUR
NETTOYAGE D'UNE SURFACE
INFERIEURE D'UNE STRUCTURE
D'AU MOINS 15 000 M3**
[72] FISCHMANN TORRES, FERNANDO
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[73] CRYSTAL LAGOONS (CURACAO)
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REACTION SYSTEM, AND
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METHOD**
[54] **REACTEUR DE SYNTHÈSE
D'HYDROCARBURES, SYSTÈME
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PROCÉDE DE SYNTHÈSE
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[72] KATO, YUZURU, JP
[72] YAMADA, EIICHI, JP
[73] JAPAN OIL, GAS AND METALS
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[25] EN
[54] **TITANIUM MATERIAL FOR
SOLID POLYMER FUEL CELL
SEPARATOR AND METHOD OF
PRODUCTION OF SAME**
[54] **MATERIAU A BASE DE TITANE
POUR SEPARATEUR DE PILE A
COMBUSTIBLE A POLYMERE
SOLIDE ET SA METHODE DE
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[72] TAKAHASHI, KAZUHIRO, JP
[72] TOKUNO, KIYONORI, JP
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[54] **RECEPTACLE AND METHOD
FOR STORING AND SUPPLYING
A LIQUID AND A LIQUID
MEDICAL PREPARATION**
[54] **RECEPTACLE, PROCÉDE
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[73] VIFOR (INTERNATIONAL) AG, CH
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[72] THOMPSON, WAYNE J., US
[72] WILLIAMS, PETER D., US
[72] SU, DAI-SHI, US
[72] VENKATRAMAN, SHANKAR, US
[72] EMBREY, MARK W., US
[72] FISHER, THORSTEN E., US
[72] WAI, JOHN S., US
[72] DUBOST, DAVID C., US
[72] BALL, RICHARD G., US
[72] CHOI, ERIC J., US
[72] PEI, TAO, US
[72] TRICE, SARAH L., US
[72] CAMPBELL, NEIL, US
[72] MADDESS, MATTHEW, US
[72] MALIGRES, PETER E., US
[72] SHEVLIN, MICHAEL, US
[72] SONG, ZHIGUO JAKE, US
[72] STEINHUEBEL, DIETRICH P., US
[72] STROTSMAN, NEIL A., US
[72] YIN, JINGJUN, US
[73] MERCK SHARP & DOHME CORP.,
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[54] **POLYETHYLENE RETICULE EN SURFACE**

[72] ZHANG, ZONGTAO, US

[72] HANSON, KEENAN MICHAEL, US

[72] HE, SHULIN, US

[72] YAU, SHI-SHEN, US

[72] LAWRYNOWICZ, DANIEL E., US

[72] WANG, AIGUO, US

[73] HOWMEDICA OSTEONICS CORP., US

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[54] **IMPLANT INTERVERTEBRAL A SURFACES INTERNES TEXTUREES**

[72] ULLRICH, PETER F., JR., US

[72] GEMAS, KEVIN W., US

[72] PATTERSON, CHAD J., US

[72] SCHNEIDER, JENNIFER M., US

[73] TITAN SPINE, LLC, US

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[54] **ZINC OXIDE PARTICLE, METHOD FOR PRODUCING IT, EXOERGIC FILLER, EXOERGIC RESIN COMPOSITION, EXOERGIC GREASE AND EXOERGIC COATING COMPOSITION**

[54] **PARTICULES D'OXYDE DE ZINC, PROCEDE POUR LA PRODUCTION DES PARTICULES, CHARGE DISSIPANT LA CHALEUR, COMPOSITION DE RESINE DISSIPANT LA CHALEUR, GRAISSE DISSIPANT LA CHALEUR ET COMPOSITION DE REVETEMENT DISSIPANT LA CHALEUR**

[72] SUEDA, SATORU, JP

[72] TERABE, ATSUKI, JP

[72] IZUMIKAWA, HIROYUKI, JP

[72] HASHIMOTO, MITSUO, JP

[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP

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[54] **OUTIL DE POSE DE TUBES A PRISE EXTERNE**

[72] ANGELLE, JEREMY R., US

[72] MOSING, DONALD E., US

[72] THIBODEAUX, ROBERT L., US

[73] FRANK'S INTERNATIONAL, INC., US

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[72] DETTLAFF, PETER, DE

[72] LEIPOLD, KLAUS, DE

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[54] **DISPOSITIFS ET SYSTEMES DE TRAITEMENT SOUS PRESSION REDUITE EN CAVITE OUVERTE**

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[72] SEALY, JAMES JOSEPH, GB

[72] HALL, COLIN JOHN, GB

[72] BEARD, MARK STEPHEN JAMES, GB

[72] WHYTE, DAVID, GB

[72] LOCKE, CHRISTOPHER BRIAN, GB

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[54] **APPAREIL DE MELANGE ET PRODUIT D'ETANCHEITE**
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[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **END PIECE FOR ARCUATE VOID FORMS**
[54] **PIECECD'EXTREMITE POUR COFFRAGES ARQUES VIDES**
[72] TURNER, MICHAEL L., US
[72] GATES, JOHN W., US
[73] TURNER, MICHAEL L., US
[73] GATES, JOHN W., US
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[54] **METHOD AND DEVICE FOR PRODUCING A BASE MATERIAL FOR SCREEN-PRINTING, AND BASE MATERIAL OF THIS TYPE**
[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'UN MATERIAU DE BASE POUR LA SERIGRAPHIE, ET MATERIAU DE BASE DE CE TYPE**
[72] KOOPMAN, WILFRIED
FRANCISCUS MARIA, NL
[72] POELMAN, JACOB JACOBUS, NL
[72] KOSTER, JOHANNES FRANCISCUS GERARDUS, NL

[72] BLANKENBORG, STEPHANUS GERARDUS JOHANNES, NL
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[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION AGROCHIMIQUE DE PARTICULES DISPERSIBLES DANS L'EAU**
[72] FUJITA, SHIGEKI, JP
[72] KURITA, KAZUNORI, JP
[73] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
[73] NIPPON SODA CO., LTD., JP
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[54] **SYSTEME FRIGORIFIQUE PAR CO2**
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[73] DUBE, SERGE, CA
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[54] **TAPERED SCREW EXTRUSION PROCESS FOR MAKING SOAP WITH A SECOND PHASE**
[54] **PROCEDE D'EXTRUSION A VIS CONIQUE POUR LA PREPARATION D'UN SAVON COMPORTANT UNE SECONDE PHASE**
[72] VU, LIEM DUC, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **METHOD AND SYSTEM FOR POWERLINE LENGTH MEASUREMENT**
[54] **PROCEDE ET SYSTEME DESTINES A LA MESURE DE LONGUEUR D'UNE LIGNE ELECTRIQUE**
[72] DZUNG, DACFEY, CH
[72] LARSSON, MATS, CH
[73] ABB RESEARCH LTD., CH
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[54] **CHEVILLE VISSANTE A COURONNE CONIQUE POUR LA FIXATION DE RAILS**
[72] BOESTERLING, WINFRIED, DE
[72] HUNOLD, ANDRE, DE
[72] GART, EUGEN, DE
[73] VOSSLOH WERKE GMBH, DE
[85] 2011-06-02
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[54] **PROCEDE ET APPAREIL DESTINES AU TRAITEMENT DES EAUX USEES**
[72] BOYD, STEVEN H., US
[72] AZAD, ABDUL R. M., US
[73] ENVIRONMENTAL OPERATING SOLUTIONS, INC., US
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[54] **DISPOSITIF D'ECLAIRAGE DIFFUSANT UN PARFUM**
[72] KOWALEC, MATTHEW GERARD, US
[72] RUSHING, ALAN DOUGLAS, US
[72] MOODY, BRETT ROBERT, US
[73] IDC ENCHANTED LIGHTING COMPANY, LLC, US
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[54] **SUBSTITUTED TETRAHYDROPYRAN SPIRO PYRROLIDINONE AND PIPERIDINONE, PREPARATION AND THERAPEUTIC USE THEREOF**
[54] **PYRROLIDINONE ET PIPERIDINONE SPIRO A SUBSTITUTION DE TETRAHYDROPYRANNE, SA PREPARATION ET SON UTILISATION THERAPEUTIQUE**
[72] GAO, ZHONGLI, US
[72] HARTUNG, RYAN, US
[72] STEFANY, DAVID, US
[73] SANOFI, FR
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[54] **SELF-ADJUSTING STRIPPER PIN FOR STRAPPING MACHINE STRAP CHUTE**
[54] **CHEVILLE D'ARRACHEUR A REGLAGE AUTOMATIQUE POUR GOULOTTE DE SANGLE DE MACHINE DE CERCLAGE**
[72] BOBREN, ALLAN J., US
[72] HABERSTROH, JAMES A., US
[72] BRUZZESI, KEVIN A., US
[72] ELLIOTT, DUSTIN D., US
[73] ILLINOIS TOOL WORKS INC., US
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[72] DIMALANTA, RAMON CARSOLO, JR., US
[72] LIAO, GRACE CHUANG, US
[73] ALCON RESEARCH, LTD., US
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[54] **PROCEDE ET SYSTEME DE TRANSPORT D'ARTICLES DE STOCK**
[72] D'ANDREA, RAFFAELLO, US
[72] MANSFIELD, PETER K., US
[72] MOUNTZ, MICHAEL C., US
[72] POLIC, DENNIS, US
[72] DINGLE, PATRICK R., US
[73] AMAZON TECHNOLOGIES, INC., US
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[72] MANSFIELD, PETER K., US
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[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ELIMINER L'AZOTE BIOLOGIQUE ET SON SUPPORT**
[72] TAKEDA, SHIGEKI, JP
[73] METAWATER CO., LTD., JP
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[54] **MACHINE A LAVER AVEC REDUCTION DE VIBRATION**
[72] LIM, HEE TAE, KR
[72] KIM, SOO BONG, KR
[72] JO, MIN GYU, KR
[72] KWON, IG GEUN, KR
[72] SONG, JUNG TAE, KR
[72] LEE, DONG IL, KR
[72] MOON, SUK YUN, KR
[72] KIM, SANG HUN, KR
[72] SEO, HYUN SEOK, KR
[72] KIM, YOUNG SUK, KR
[73] LG ELECTRONICS INC., KR
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[54] **LAVE-LINGE AVEC DISPOSITIF DE SUPPORT DE LA CUVE**
[72] SONG, JUNG TAE, KR
[72] KWON, IG GEUN, KR
[72] MOON, SUK YUN, KR
[72] KIM, SOO BONG, KR
[72] LEE, DONG IL, KR
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[54] **METHODS AND APPARATUS FOR A DOWNHOLE TOOL**
[54] **METHODES ET APPAREILLAGE POUR OUTIL DE FOND DE TROU**
[72] FAGLEY, WALTER STONE THOMAS, IV, US
[72] INGRAM, GARY DURON, US
[72] JOHNSON, CHRISTOPHER CARTER, US
[73] WEATHERFORD/LAMB, INC., US
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[54] **MANCHON NON ROTATIF POUR TROU DECOUVERT ET ENSEMBLE CORRESPONDANT**
[72] CASASSA, GARRETT C., US
[72] MITCHELL, SARAH B., US
[72] MOORE, NORMAN BRUCE, US
[73] WWT INTERNATIONAL, INC., US
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[54] **SKIN CARE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE SOIN DE LA PEAU ET LEURS PROCÉDES D'UTILISATION**
[72] DUPONT, ERIC, CA
[72] SAMSON, MARC, CA
[72] GALDERISI, ALYSON, US
[73] IMMANENCE INTEGRALE DERMO CORRECTION INC., CA
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[54] **CONTAINER ASSEMBLY WITH REMOVABLE LID**
[54] **ENSEMBLE CONTENEUR A COUVERCLE AMOVIBLE**
[72] GRIDER, STEVE, US
[73] WKI HOLDING COMPANY, INC., US
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[72] CHIA, LI-LIANG, US
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[73] ROHM AND HAAS COMPANY, US
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[73] MCALISTER TECHNOLOGIES, LLC, US
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[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DISPOSITIF PORTATIF DE LUTTE CONTRE L'INCENDIE EN AEROSOL**
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[72] DENG, ZHENPING, CN
[72] ZHENG, GAOFENG, CN
[72] ZHANG, SANXUE, CN
[72] ZHU, XIANFEI, CN
[72] LIU, HONGHONG, CN
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[54] **NOUVEAU DISPOSITIF PORTABLE DE LUTTE CONTRE LE FEU EN AEROSOL**
[72] GUO, HONGBAO, CN
[72] ZHANG, KUN, CN
[72] MA, CHUNJIE, CN
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[73] BEFUS, DALE, CA
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[54] **FILTER ASSEMBLY WITH SEALED, MAGNETICALLY COUPLED CLEANING HEAD ACTUATOR**
[54] **ENSEMBLE DE FILTRAGE A TETE DE NETTOYAGE SCHELLEE ACTIONNEE PAR COUPLAGE MAGNETIQUE**
[72] IMANSE, CRAIG LEE, US
[72] SAYLES, SAMUEL CLAY, US
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[72] TUAN, ASHLEY, US

[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB

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[54] **WATER-CONTAINING SOLID FUEL DRYING APPARATUS AND DRYING METHOD**

[54] **UNITE DE SECHAGE ET PROCEDE POUR SECHER DU COMBUSTIBLE SOLIDE CONTENANT DE L'EAU**

[72] YOKOHAMA, KATSUHIKO, JP

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[72] MATSUMOTO, KEIGO, JP

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[72] YAMAGUCHI, YOSHIKI, JP

[72] KINOSHITA, MASAOKI, JP

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[72] KANEKO, SHOZO, JP

[72] MOCHIZUKI, KAZUHIRO, JP

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[72] WALTON, JAY RODNEY, US

[72] WALLACE, MARK S., US

[72] HOWARD, STEVEN J., US

[73] QUALCOMM INCORPORATED, US

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[54] **BRIQUETTE COMPOSITE A BASE DE CARBONE POUR LA PRODUCTION DE FER REDUIT ET PROCEDE POUR LA PRODUCTION DE FER REDUIT METTANT EN OEUVRE UNE TELLE BRIQUETTE**
[72] SUGIYAMA, TAKESHI, JP
[72] YOSHIDA, SHOHEI, JP
[72] FUJITA, KYOICHIRO, JP
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[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[54] **BUSE DE PULVERISATION DIPHASIQUE ET APPAREIL DE NEBULISATION LA COMPORTANT**
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[54] **MACHINE DE REMPLISSAGE ET D'EMBALLAGE VERTICALE ET PROCEDE DE FABRICATION DE POCHE D'EMBALLAGE AVEC CONTENU**
[72] TSURUTA, MASATAKA, JP
[72] YAMAGUCHI, AKIRA, JP
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[54] **SECHOIR POUR GAZ COMPRIME, PROCEDE POUR SECHER DU GAZ COMPRIME, ET INSTALLATION DE COMPRESSEUR EQUIPEE D'UN SECHOIR**
[72] VERMEER, CONSTANTIJN FRISO, BE
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[54] **METHOD FOR CONNECTING WALLS OF AN ELASTIC HOLLOW BODY AT LEAST IN SOME SECTIONS AND HOLLOW BODY**
[54] **PROCEDE POUR UNE SOLIDARISATION, AU MOINS SEGMENTAIRE, DE PAROIS D'UN CORPS CREUX ELASTIQUE, ET CORPS CREUX AINSI REALISE**
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[73] MAM BABYARTIKEL GESELLSCHAFT M.B.H., AT
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[54] **DIHYDRO-BENZOCYCLOALKYL-OXYMETHYL-OXAZOLOPYRIMIDINONES SUBSTITUEES, LEUR PREPARATION ET LEUR UTILISATION**
[72] KOSLEY, RAYMOND WALTER, JR., US
[72] SHER, ROSY, US
[73] SANOFI, FR
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[72] JUSTIN, BRIAN D., JR., US
[73] HARRIS CORPORATION, US
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[72] WARWICK, TIMOTHY J., US
[72] GIBSON, SHAWN R., US
[73] BYRNE, NORMAN R., US
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[87] (2774364)
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[11] **2,774,642**
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[54] **EXHAUST PROCESSING AND HEAT RECOVERY SYSTEM**
[54] **TRAITEMENT DES EFFLUENTS GAZEUX ET SYSTEME DE RECUPERATION DE LA CHALEUR**
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[72] BIRMINGHAM, JAMES WILLIAM, US
[73] ALSTOM TECHNOLOGY LTD, CH
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[87] (WO2011/037789)
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[54] **DRINKING CONTAINER**
[54] **CONTENANT DE BOISSON**
[72] CONNORS, JAMES A., JR., US
[72] MEDEIROS, DAVID E., US
[72] DYS, GEORGE S., US
[72] BRITTO, JAMES J., US
[72] HESSION, JOHN A., US
[73] THE FIRST YEARS INC., US
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[54] **AUTOMATED EDGE WRAPPING OF A PANEL**
[54] **EMBALLAGE AUTOMATISE DES REBORDS D'UN PANNEAU**
[72] BOGGS, MICHAEL J., US
[73] THE BOEING COMPANY, US
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[87] (2777847)
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[54] **ASYMMETRIC DATA COMMUNICATIONS SYSTEM PERMITTING SUBSCRIBER INTERACTION**
[54] **SYSTEME ASYMETRIQUE DE COMMUNICATION DE DONNEES PERMETTANT UNE INTERACTION D'ABONNE**
[72] ARIAS, SALVADOR LUIS, US
[72] COMER, EDWARD IRBY, US
[72] DUNN, ROY CURTIS, US
[72] FRERKING, MELVIN DUANE, US
[72] DANNER, FRED THOMAS, III, US
[72] BERGEN, RICHARD SAMMIS, JR., US
[72] ELLIOTT, SIDNEY WALKER, US
[72] EVANS, THOMAS FRANKLIN, US
[72] CHAMBERS, CRAIG BENT, US
[73] BELL SOUTH CORPORATION, US
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[54] **APPARATUS FOR USE WITH STERILANT VAPOUR GENERATORS**
[54] **APPAREIL DESTINE A ETRE UTILISE AVEC DES GENERATEURS DE VAPEUR STERILISANTE**
[72] ADAMS, NICHOLAS MARK TURNER, GB
[72] CUMBERLEGE, OLIVER, GB
[73] BIOQUELL UK LIMITED, GB
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[54] **SYSTEM AND METHOD FOR PROVIDING GROUP COMMUNICATION SERVICES**

[54] **SYSTEME ET PROCEDE POUR ASSURER DES SERVICES DE COMMUNICATION DE GROUPE**

[72] MAGGENTI, MARK, US

[72] CROCKETT, DOUGLAS M., US

[72] ROSEN, ERIC, US

[73] QUALCOMM INCORPORATED, US

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[54] **WATER FLOW CONTROLLING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE COMMANDE D'ECOULEMENT D'EAU**

[72] NASRALLAH, JEFFREY W., US

[73] PRODIUS LLC, US

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[54] **COMBINATION OF AZELASTINE AND STEROIDS**

[54] **ASSOCIATION D'AZELASTINE ET DE STEROIDES**

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[54] **GAS FILLING SYSTEM, GAS FILLING METHOD, AND VEHICLE**

[54] **SYSTEME DE REMPLISSAGE EN GAZ, PROCEDE DE REMPLISSAGE EN GAZ, ET VEHICULE**

[72] MORI, TOMOYUKI, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

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[54] **EXTRUSION METHOD AND APPARATUS FOR PRODUCING A CABLE**

[54] **PROCEDE ET APPAREIL D'EXTRUSION DESTINES A PRODUIRE UN CABLE**

[72] BALCONI, LUCA, IT

[72] BAREGGI, ALBERTO, IT

[72] BELLI, SERGIO, IT

[72] VEGGETTI, PAOLO, IT

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[54] **A METHOD TO FORM A POLYURETHANE MATERIAL**

[54] **PROCEDE DE FORMATION D'UN MATERIAU POLYURETHANE**

[72] KLEIN, RENE ALEXANDER, BE

[72] MARINUS, CHRISTINA, BE

[72] LINDSAY, CHRIS IAN, BE

[72] ABBENHUIS, HENDRIKUS, NL

[72] WILTING, JOS, NL

[72] GERRITSEN, GIJSBERT, NL

[73] HUNTSMAN INTERNATIONAL LLC, US

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[54] **PROCESS TO MANUFACTURE GRAIN-ORIENTED ELECTRICAL STEEL STRIP AND GRAIN-ORIENTED ELECTRICAL STEEL PRODUCED THEREBY**

[54] **PROCEDE POUR FABRIQUER UNE BANDE DE TOLE MAGNETIQUE EN ACIER A GRAINS ORIENTES ET TOLE MAGNETIQUE EN ACIER A GRAINS ORIENTES PRODUITE PAR CELUI**

[72] FORTUNATI, STEFANO, NL

[72] ABBRUZZESE, GIUSEPPE, NL

[72] BRACKE, LIEVEN, NL

[73] TATA STEEL IJMUIDEN B.V., NL

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[54] **RADIATEUR ELECTRIQUE A FLUX AXIAL A DOUBLE PAROI POUR APPLICATIONS SENSIBLES AUX FUITES**
[72] LORD, STEPHEN M., US
[72] LUND, KURT, US
[73] LORD LTD. LP, US
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[13] C

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[25] EN
[54] **RETRACTABLE TARP SYSTEM WITH AUTOMATED CLOSING MECHANISM**
[54] **SYSTEME DE BACHE RETRACTABLE AVEC MECANISME DE FERMETURE AUTOMATISE**
[72] VERDUYN, LLOYD, CA
[73] VTI HOLDINGS, INC., US
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[87] (2783838)
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[30] US (13/548,804) 2012-07-13

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[25] EN
[54] **METHOD AND SYSTEM FOR REVENUE ALLOCATION OF A DIGITAL WORK AMONG MULTIPLE FULFILLERS**
[54] **METHODE ET SYSTEME DE REPARTITION DES RECETTES D'UNE DE MUSIQUE NUMERIQUE**
[72] BEN-YAACOV, YAACOV, US
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[73] CATCH MEDIA, INC., US
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[25] EN
[54] **METATHESIS CATALYST AND PROCESS FOR USE THEREOF**
[54] **CATALYSEUR DE METATHESE ET PROCEDE D'UTILISATION ASSOCIE**
[72] HOLT CAMP, MATTHEW W., US
[72] FALER, CATHERINE A., US
[72] HUFF, CAOL P., US
[72] BEDOYA, MATTHEW S., US
[72] HAGADORN, JOHN R., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
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[25] EN
[54] **NOVEL HERBICIDES BASED ON SUBSTITUTED THIEN-3-YL-SULPHONYLAMINO(THIO)CARBONYLTRIAZOLIN(THI)ONES AND 4-HPPD-INHIBITORS**
[54] **NOUVEAUX HERBICIDES A BASE DE THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLINE(THI)ONES SUBSTITUEES ET D'INHIBITEURS DE 4-HPPD**
[72] DOLLINGER, MARKUS, FR
[72] SANTEL, HANS-JOACHIM, DE
[72] GESING, ERNST RUDOLF, DE
[72] HACKER, ERWIN, DE
[73] BAYER CROPS SCIENCE AG, DE
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[87] (2785921)
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[25] EN
[54] **FLEXIBLE TRANSMISSION DEVICE FOR TOOL EXTENSIONS AND THE LIKE**
[54] **DISPOSITIF DE TRANSMISSION SOUPLE POUR LES EXTENSIONS D'OUTILS ET AUTRES ELEMENTS SEMBLABLES**
[72] DAUVIN, JAE E., CA
[72] DAUVIN, GEORGE A., CA
[73] DAUVIN, JAE E., CA
[73] DAUVIN, GEORGE A., CA
[86] (2789488)
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[54] **REFRIGERATION SYSTEM AND COMPONENTS THEREOF**
[54] **SYSTEME DE REFRIGERATION ET SES ELEMENTS CONSTITUANTS**
[72] LUEHRS, FREDERICK, US
[72] GROTH, HENRY, US
[72] KRUMBIEGEL, KARL, US
[72] MARKS, RYAN, US
[72] REHM, KEVIN, US
[72] URBAN, GOTTFRIED, US
[72] GILBERTSON, TIMOTHY ALAN, US
[72] WEIGAND, DENNIS, US
[73] PERLICK CORPORATION, US
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[54] **WIND ENERGY TURBINE SHELL STATION**
[54] **STATION DE TURBINE EOLIENNE EN FORME D'OBUS**
[72] GHUSEN, RIMA, CA
[72] YAKOUB, HAISAM, CA
[73] GHUSEN, RIMA, CA
[73] YAKOUB, HAISAM, CA
[86] (2792693)
[87] (2792693)
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[30] US (13/462,811) 2012-05-02

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[25] EN
[54] **IMPROVED DC BUS REGULATOR**
[54] **REGULATEUR DE BUS C.C. AMELIORE**
[72] BOURGEOU, EDWARD PETER KENNETH, US
[73] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, US
[86] (2792807)
[87] (2792807)
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[25] EN
[54] **DISPENSING INSERT FOR A MEDICINE CONTAINMENT AND DISPENSING SYSTEM AND ASSOCIATED METHOD**
[54] **TETE DISTRIBUTRICE POUR CONTENANT DE MEDICAMENT, SYSTEME DE DISTRIBUTION ET METHODE CONNEXE**
[72] MCCOY, RYAN P., US
[72] ABEL, STACY, US
[72] FRANKS, MATTHEW P., US
[72] BEECROFT, GORDON, US
[72] VASSALLO, JOHN, US
[72] MAKHLOUF, MICHAEL, US
[73] TARGET BRANDS, INC., US
[86] (2793173)
[87] (2793173)
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[25] EN
[54] **CHECK ACCEPTING AND CASH DISPENSING AUTOMATED BANKING MACHINE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GUICHET AUTOMATIQUE D'ACCEPTATION DE CHEQUES ET DE DISTRIBUTION D'ESPECES**
[72] VANKIRK, THOMAS A., US
[72] WASHINGTON, JON E., US
[72] JONES, BRIAN, US
[72] BESKITT, WILLIAM D., US
[72] GRAEF, HARRY THOMAS, US
[72] BLACKFORD, DAMON J., US
[72] BLACKSON, DALE H., US
[72] LASKOWSKI, EDWARD L., US
[72] MA, SONGTAO, US
[72] CREWS, TIM, US
[72] TUROCY, KENNETH, US
[72] DOMINICK, DOUGLAS T., US
[72] SMOLK, JASEN J., US
[72] LUCAS, BRIAN E., US
[72] LIGHTNER, BRADLEY, US
[72] PETERS, DAVID A., US
[73] DIEBOLD, INCORPORATED, US
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[30] US (60/678,091) 2005-05-04
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[25] EN
[54] **SYSTEM AND METHOD FOR POINT-TO-POINT ENCRYPTION WITH ADJUNCT TERMINAL**
[54] **SYSTEME ET PROCEDE DE CRYPTAGE POINT A POINT AVEC TERMINAL AUXILIAIRE**
[72] ZLOTH, SUSAN, US
[72] LANE, DANIEL, US
[72] SMYTH, BENJAMIN, US
[73] MERCHANT LINK, LLC, US
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[30] US (12/752,806) 2010-04-01

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[13] C

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[25] EN
[54] **DEVICE FOR EDITING AND NON-VOLATILE OPTICAL STORAGE OF DIGITAL AUDIO**
[54] **DISPOSITIF D'EDITION ET DE STOCKAGE OPTIQUE NON-VOLATILE D'AUDIO NUMERIQUE**
[72] KELLER, PETER J., US
[72] KELLEY, MICHAEL J., US
[73] ADVANCED AUDIO DEVICES, LLC, US
[86] (2796908)
[87] (2796908)
[22] 1998-07-08
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[25] EN
[54] **SAFETY ENVELOPE OPENER WITH ANTI-SKIP FEATURE**
[54] **DISPOSITIF SECURITAIRE D'OUVERTURE D'ENVELOPPES AVEC FONCTION ANTI-DEPASSEMENT**
[72] GOODMAN, DAVID H., CA
[73] GOODMAN, DAVID H., CA
[86] (2797077)
[87] (2797077)
[22] 2012-11-22

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[13] C

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[54] **FUEL TANK FOR A MOTOR VEHICLE**
[54] **RESERVOIR DE CARBURANT POUR UN VEHICULE A MOTEUR**
[72] KOUKAN, IBRAHIM, DE
[72] MAIGRE, LOTHAR, DE
[73] KAUTEX TEXTRON GMBH & CO. KG, DE
[85] 2012-11-07
[86] 2011-06-24 (PCT/EP2011/003139)
[87] (WO2012/010247)
[30] DE (10 2010 027 653.7) 2010-07-19
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[11] **2,801,451**
[13] C

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[54] **CONVEYOR ROLLER SERVICING APPARATUS**
[54] **APPAREIL DE SERVICE A ROULEAU DE TRANSPORTEUR**
[72] MOTT, GEORGE T., US
[72] HEENAN, MICHAEL B., US
[72] WILLIAMS, LEROY C., US
[73] ASGCO MANUFACTURING, INC., US
[85] 2012-12-03
[86] 2011-05-31 (PCT/US2011/038567)
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[30] US (12/793,933) 2010-06-04
[30] US (12/964,037) 2010-12-09

[11] **2,803,025**
[13] C

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[25] EN
[54] **METHOD FOR DISPERSING AND AGGREGATING COMPONENTS OF MINERAL SLURRIES AND LOW MOLECULAR WEIGHT MULTIVALENT ANIONIC POLYMERS FOR MINERAL AGGREGATION**
[54] **METHODE DE DISPERSION ET DE REGROUPEMENT DES COMPOSANTS DES BOUES MINERALES ET POLYMERES MULTIVALENTS A FAIBLE POIDS MOLECULAIRE POUR AGREGATION MINERALE**
[72] SORTWELL, EDWIN T., US
[73] SORTWELL & CO., US
[86] (2803025)
[87] (2803025)
[22] 2013-01-25
[30] US (61/590,489) 2012-01-25
[30] WO (PCT/US2013/022459) 2013-01-22

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[25] EN

[54] **METHOD FOR DISPERSING AND AGGREGATING COMPONENTS OF MINERAL SLURRIES AND HIGH-MOLECULAR WEIGHT MULTIVALENT ANIONIC POLYMERS FOR CLAY AGGREGATION**

[54] **PROCEDE DE DISPERSION ET D'AGREGATION DE COMPOSANTS DE SUSPENSIONS MINERALES ET POLYMERES ANIONIQUES MULTIVALENTS A POIDS MOLECULAIRE ELEVE POUR AGREGATION D'ARGILE**

[72] SORTWELL, EDWIN T., US
[73] SORTWELL & CO., US
[85] 2012-12-21
[86] 2011-07-19 (PCT/US2011/044437)
[87] (WO2012/018514)
[30] US (61/367,812) 2010-07-26
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[11] **2,804,664**
[13] C

[51] **Int.Cl. C23C 26/00 (2006.01) C23C 26/02 (2006.01) C23C 30/00 (2006.01) E21B 10/46 (2006.01) E21C 35/183 (2006.01)**

[25] EN

[54] **HARD FACE STRUCTURE, BODY COMPRISING SAME AND METHOD FOR MAKING SAME**

[54] **STRUCTURE A FACE DURE, CORPS LA COMPRENANT ET SON PROCEDE DE FABRICATION**

[72] KONYASHIN, IGOR YURI, DE
[72] RIES, BERND HEINRICH, DE
[72] LACHMANN, FRANK FRIEDRICH, DE
[72] SCHAEFER, KERSTEN HEINRICH, DE
[73] ELEMENT SIX GMBH, DD
[85] 2013-01-08
[86] 2011-07-06 (PCT/EP2011/061379)
[87] (WO2012/004292)
[30] GB (1011583.0) 2010-07-09

[11] **2,805,079**
[13] C

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[25] EN

[54] **SURVEILLANCE APPARATUS USING A PLURALITY OF IMAGE SENSORS**

[54] **APPAREIL DE SURVEILLANCE UTILISANT UNE PLURALITE DE CAPTEURS D'IMAGES**

[72] DALLMEIER, DIETER, DE
[73] DALLMEIER ELECTRONIC GMBH & CO. KG, DE
[85] 2013-01-10
[86] 2012-06-01 (PCT/EP2012/060438)
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[11] **2,806,882**
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[25] EN

[54] **MULTISTAGE CELLULOSE HYDROLYSIS AND QUENCH WITH OR WITHOUT ACID**

[54] **HYDROLYSE DE CELLULOSE EN PLUSIEURS ETAPES, ET TREMPAGE AVEC OU SANS ACIDE**

[72] KILAMBI, SRINIVAS, US
[72] KADAM, KIRAN, US
[72] MARTIN, CHERYL A., US
[73] RENMATIX, INC., US
[85] 2013-01-28
[86] 2012-05-04 (PCT/US2012/036583)
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[11] **2,807,564**
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[51] **Int.Cl. B81B 3/00 (2006.01) B81B 7/04 (2006.01) C12M 1/34 (2006.01) C12M 1/40 (2006.01) C12Q 1/68 (2006.01) C40B 30/00 (2006.01) C40B 60/00 (2006.01) G01N 33/48 (2006.01)**

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[54] **MICROFLUIDIC DEVICES AND METHODS OF USING SAME**

[54] **DISPOSITIFS MICROFLUIDIQUES ET LEURS PROCEDES D'UTILISATION**

[72] MCBRIDE, LINCOLN, US
[72] LUCERO, MICHAEL, US
[72] UNGER, MARC, US
[72] NASSEF, HANY RAMEZ, US
[72] FACER, GEOFFREY, US
[73] FLUIDIGM CORP., US
[86] (2807564)
[87] (2807564)
[22] 2004-04-05
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[25] EN

[54] **PROCESS FOR THE PREPARATION OF AN INTERMEDIATE USEFUL IN PRODUCTION OF AZOXYSTROBIN**

[54] **PROCEDE DE PREPARATION D'UN INTERMEDIAIRE UTILE DANS LA PRODUCTION D'AZOXYSTROBINE**

[72] WHITTON, ALAN JOHN, GB
[72] BOYD, EWAN CAMPBELL, GB
[72] VASS, JACK, GB
[73] SYNGENTA PARTICIPATIONS AG, CH
[86] (2808289)
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[25] EN

[54] **ELEVATED PLATFORM SYSTEMS INCLUDING FIBER REINFORCED COMPOSITE PANELS**

[54] **SYSTEMES DE QUAI HAUT INCLUANT DES PANNEAUX COMPOSITES RENFORCES DE FIBRES**

[72] REEVE, SCOTT, US
[72] LOFF, ANDREW, US
[72] BEAMISH, SHAWN, CA
[73] COMPOSITE ADVANTAGE LLC, US
[85] 2013-02-25
[86] 2011-09-30 (PCT/US2011/054192)
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[11] **2,816,103**
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[25] EN

[54] **A DISPOSABLE CONTENT USE MONITORING PACKAGE WITH A REMOVABLE RE-USABLE ELECTRONIC CIRCUIT BOARD**

[54] **EMBALLAGE A CONTROLE D'UTILISATION DE CONTENU JETABLE POURVU D'UNE CARTE DE CIRCUIT IMPRIME ELECTRONIQUE REUTILISABLE ET AMOVIBLE**

[72] BROTZEL, DEAN, CA
[72] PETERSEN, MICHAEL, CA
[72] WILSON, ALLAN, CA
[73] INTELLIGENT DEVICES INC., BB
[85] 2013-04-26
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[87] (WO2012/055021)
[30] CA (2,719,054) 2010-10-27

[11] **2,818,310**
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[25] EN

[54] **METHOD AND SYSTEM FOR SELECTING A DEVICE FROM A GRAPHICAL INTERFACE**

[54] **PROCEDE ET SYSTEME DE SELECTION D'UN DISPOSITIF A PARTIR D'UNE INTERFACE GRAPHIQUE**

[72] EGAN, ANTHONY, CA
[72] GULATI, STEVE MOHAN, CA
[72] PEIRIS, MAHATELGE BRIAN MARK, CA
[73] S. A. ARMSTRONG LIMITED, CA
[85] 2013-06-07
[86] 2012-11-01 (PCT/CA2012/050777)
[87] (2818310)
[30] US (61/591,234) 2012-01-26

[11] **2,819,710**
[13] C

[51] **Int.Cl. H04W 24/08 (2009.01)**

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[54] **MOBILE COMMUNICATION METHOD AND RADIO BASE STATION**

[54] **PROCEDE DE COMMUNICATION MOBILE ET STATION DE BASE SANS FIL**

[72] HAPSARI, WURI ANDARMAWANTI, JP
[72] TAKAHASHI, HIDEAKI, JP
[73] NTT DOCOMO, INC., JP
[85] 2013-06-12
[86] 2011-12-07 (PCT/JP2011/078303)
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[11] **2,820,272**
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[25] EN

[54] **TERMINAL STRUCTURES FOR WIRING DEVICES**

[54] **STRUCTURES DE RACCORDEMENT POUR DISPOSITIFS DE CABLAGE**

[72] KESWANI, SUSHIL N., US
[73] IDEAL INDUSTRIES, INC., US
[85] 2013-06-05
[86] 2011-12-07 (PCT/US2011/063769)
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[11] **2,820,810**
[13] C

[51] **Int.Cl. D01F 9/12 (2006.01)**

[25] EN

[54] **ACRYLONITRILE SWOLLEN FIBER FOR CARBON FIBER, PRECURSOR FIBER BUNDLE, STABILIZED FIBER BUNDLE, CARBON FIBER BUNDLE AND PRODUCTION METHODS THEREOF**

[54] **FIL EN ACRYLONITRILE EXPANSE POUR UNE FIBRE DE CARBONE, FAISCEAU DE FIBRES DE PRECURSEUR, FAISCEAU DE FIBRES RESISTANT A LA FLAMME, FAISCEAU DE FIBRES DE CARBONE ET PROCEDES DE PRODUCTION DE CE FIL**

[72] HASHIMOTO, HIROSHI, JP
[72] SUGIURA, NAOKI, JP
[72] FUJII, YASUYUKI, JP
[72] MATSUMURA, HIROKO, JP
[72] OKUYA, TAKAHIRO, JP
[72] OOKI, ISAO, JP
[72] HATA, MASAHIRO, JP
[72] WAKABAYASHI, KOUKI, JP
[72] KOGAME, AKIYOSHI, JP
[72] SUMIYA, KAZUNORI, JP
[72] HATAYAMA, AKITO, JP
[73] MITSUBISHI RAYON CO., LTD., JP
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[25] EN

[54] **ACTIVE IMAGING DEVICE
HAVING FIELD OF VIEW AND
FIELD OF ILLUMINATION WITH
CORRESPONDING
RECTANGULAR ASPECT RATIOS**

[54] **DISPOSITIF D'IMAGERIE ACTIF
COMPORTANT UN CHAMP DE
VUE ET UN CHAMP
D'ECLAIRAGE AVEC RAPPORTS
D'ASPECT RECTANGULAIRE
CORRESPONDANTS**

[72] GODIN, JACQUES, CA

[72] GRENIER, MARTIN, CA

[72] DEMERS, LOUIS, CA

[73] OBZERV TECHNOLOGIES INC., CA

[85] 2013-07-19

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[25] EN

[54] **SELF VENTING STEAM VALVE
FOR FLEXIBLE PACKAGING
BAGS AND POUCHES USED IN
COOKING OF FOODS**

[54] **SOUPAPE DE VAPEUR AUTO-
VENTILEE POUR DES SACS
D'EMBALLAGE SOUPLES ET DES
SACHETS UTILISES DANS LA
CUISSON D'ALIMENTS**

[72] VON GLASOW, CHRISTIAN, CA

[73] ULTRAPERF TECHNOLOGIES INC.,
CA

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[86] 2012-01-04 (PCT/CA2012/000014)

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[51] **Int.Cl. E02B 15/04 (2006.01) A47L 7/00 (2006.01) B63B 35/32 (2006.01) E02B 15/10 (2006.01)**
[25] EN
[54] **ROBOTIC OIL SPILL VACUUM CLEANER**
[54] **ASPIRATEUR ROBOTIQUE POUR DEVERSEMENT DE PETROLE**
[72] UNKNOWN, ZZ
[71] DERENONCOURT, FRANCK, CA
[22] 2012-07-12
[41] 2014-01-12

[21] **2,782,874**
[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01)**
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[54] **CIRCULATING COIL CLEANOUT TOOL AND METHOD**
[54] **OUTIL ET PROCEDURE DE CURAGE DES SERPENTINS DE CIRCULATION**
[72] SEBREE, MORLEY, CA
[71] SEBREE, MORLEY, CA
[22] 2012-07-13
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[25] EN
[54] **METHOD FOR INDUCING IMMUNE TOLERANCE USING POLYMER-MODIFIED ANTIGENIC LEUCOCYTES**
[54] **METHODE PERMETTANT DE CONFERER UNE TOLERANCE IMMUNITAIRE AU MOYEN DE LEUCOCYTES ANTIGENIQUES MODIFIES AUX POLYMERES**
[72] SCOTT, MARK D., CA
[72] WANG, DUNCHENG, CA
[72] TOYOFUKU, WENDY M., CA
[71] CANADIAN BLOOD SERVICES, CA
[22] 2012-07-12
[41] 2014-01-12

[21] **2,782,992**
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[25] EN
[54] **FINNED TUBE**
[54] **TUBE A AILETTES**
[72] SELF, TOM, US
[71] SELF, TOM, US
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[41] 2014-01-12

[21] **2,783,042**
[13] A1
[51] **Int.Cl. F22B 35/18 (2006.01) F22B 35/06 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING THE SATURATION LEVEL OF A GENERATED GASEOUS STATE FLUID**
[54] **PROCEDURE DE CONTROLE DU NIVEAU DE SATURATION D'UN FLUIDE A L'ETAT GAZEUX GENERE**
[72] LACH, RAYMOND, CA
[71] MAXI-THERME INC., CA
[22] 2012-07-12
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[21] **2,783,045**
[13] A1
[51] **Int.Cl. G01K 1/02 (2006.01) E04H 7/22 (2006.01) G01D 1/14 (2006.01)**
[25] EN
[54] **ADAPTIVE BANDWIDTH CONSUMPTION IN REMOTE TEMPERATURE MONITORING APPLICATIONS**
[54] **CONSOMMATION DE BANDE PASSANTE ADAPTATIVE DANS DES APPLICATIONS DE SURVEILLANCE DE TEMPERATURE A DISTANCE**
[72] FOLK, KYLE, CA
[71] FOLK, KYLE, CA
[22] 2012-07-16
[41] 2014-01-16

[21] **2,783,061**
[13] A1
[51] **Int.Cl. F22B 1/00 (2006.01) F22B 29/00 (2006.01) F22B 37/12 (2006.01)**
[25] EN
[54] **LAND BASED AND PONTOON BASED FORCED AIR THERMAL EVAPORATOR**
[54] **EVAPORATEUR THERMIQUE A AIR FORCE TERRESTRE ET SUR PONTON**
[72] TAFOYA, JAMES, US
[71] TAFOYA, JAMES, US
[22] 2012-07-13
[41] 2014-01-13

[21] **2,783,071**
[13] A1
[51] **Int.Cl. A45C 3/00 (2006.01) A47G 25/00 (2006.01) A47G 25/54 (2006.01) B65D 30/00 (2006.01) D06F 93/00 (2006.01)**
[25] EN
[54] **REUSABLE GARMENT BAG**
[54] **SAC A VETEMENTS REUTILISABLE**
[72] TORRELLAS, TONIA P., US
[71] TORRELLAS, TONIA P., US
[22] 2012-07-13
[41] 2014-01-13

[21] **2,783,111**
[13] A1
[51] **Int.Cl. H02B 1/40 (2006.01) H02G 3/16 (2006.01)**
[25] EN
[54] **HORIZONTAL T-JUNCTION BLOCK ASSEMBLY**
[54] **ENSEMBLE BLOC DE JONCTION T HORIZONTAL**
[72] BYRNE, NORMAN R., US
[71] BYRNE, NORMAN R., US
[22] 2012-07-16
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[13] A1

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[25] EN
[54] **VERTICAL T-JUNCTION BLOCK ASSEMBLY**
[54] **ENSEMBLE BLOC DE JONCTION T VERTICAL**
[72] BYRNE, NORMAN R., US
[71] BYRNE, NORMAN R., US
[22] 2012-07-16
[41] 2014-01-16

[21] **2,783,128**
[13] A1

[51] **Int.Cl. G01K 1/02 (2006.01) E04H 7/22 (2006.01) G01D 1/14 (2006.01) G08B 25/14 (2006.01)**
[25] EN
[54] **ADAPTIVE BANDWIDTH CONSUMPTION IN REMOTE TEMPERATURE MONITORING APPLICATIONS**
[54] **CONSUMMATION DE BANDE PASSANTE ADAPTATIVE DANS DES APPLICATIONS DE SURVEILLANCE DE TEMPERATURE A DISTANCE**
[72] FOLK, KYLE, CA
[71] FOLK, KYLE, CA
[22] 2012-07-16
[41] 2014-01-16

[21] **2,783,131**
[13] A1

[51] **Int.Cl. H01R 25/00 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **ONE IN FOUR OUT CONNECTOR**
[54] **CONNECTEUR A UNE ENTREE ET QUATRE SORTIES**
[72] BYRNE, NORMAN R., US
[71] BYRNE, NORMAN R., US
[22] 2012-07-16
[41] 2014-01-16

[21] **2,783,158**
[13] A1

[51] **Int.Cl. G06F 17/21 (2006.01) G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **KNOWLEDGEBASE ARTICLE AUTHORIZING SYSTEM, APPARATUS AND METHOD**
[54] **SYSTEME, APPAREIL ET PROCEDE DE CREATION D'ARTICLES A PARTIR D'UNE BASE DE CONNAISSANCES**
[72] PETERSON, MICAH NATHANAEL, CA
[71] PETERSON, MICAH NATHANAEL, CA
[22] 2012-07-12
[41] 2014-01-12

[21] **2,783,166**
[13] A1

[51] **Int.Cl. F24D 3/02 (2006.01)**
[25] EN
[54] **RADIANT HEATING SYSTEM AND BOILER HOUSING FOR USE THEREIN**
[54] **SYSTEME DE CHAUFFAGE PAR RAYONNEMENT ET CORPS DE CHAUDIERE A UTILISER DANS CELUI-CI**
[72] KING, RAY, CA
[71] KING, RAY, CA
[22] 2012-07-13
[41] 2014-01-13

[21] **2,783,191**
[13] A1

[51] **Int.Cl. A63H 33/00 (2006.01)**
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[54] **CONVERTIBLE BLANKET FOR CONVERTING TO TOY**
[54] **COUVERTURE CONVERTIBLE SE CONVERTISSANT EN JOUET**
[72] NG, CHERYL, CA
[72] YU, EVELYN, CA
[71] FFD DESIGNS (CANADA) INC., CA
[22] 2012-07-12
[41] 2014-01-12

[21] **2,783,193**
[13] A1

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[25] EN
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[72] KOCSIS, EUGENE, CA
[71] KOCSIS, EUGENE, CA
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[41] 2014-01-13

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[13] A1

[51] **Int.Cl. A41D 20/00 (2006.01) A45D 8/00 (2006.01)**
[25] EN
[54] **HEADBAND COVERS**
[54] **RECOUVREMENTS DE SERRE-TETE**
[72] PANTUSA, ELISABETTA, CA
[71] PANTUSA, ELISABETTA, CA
[22] 2012-07-13
[41] 2014-01-13

[21] **2,783,250**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **LED LIGHTING ARCHITECTURE INCORPORATING A VOLTAGE CONVERTER**
[54] **ARCHITECTURE D'ECLAIRAGE A DEL COMPORTANT UN CONVERTISSEUR DE TENSION**
[72] BRIGGS, GERALD EDWARD, CA
[71] ARKALUMEN INC., CA
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[30] US (61/507,117) 2012-07-12

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[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **RECONSTITUTION DEVICE WITH TIP CAP**
[54] **DISPOSITIF DE RECONSTITUTION AVEC COUVERCLE D'EMBOUT**
[72] VIENS, MATHIEU, CA
[72] TREMBLAY, YAN, CA
[71] DUOJECT MEDICAL SYSTEMS INC., CA
[22] 2012-07-17
[41] 2014-01-17

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[13] A1

[51] **Int.Cl. A62D 3/33 (2007.01) G21F 9/30 (2006.01)**

[25] EN

[54] **DECONTAMINATION OF RADIONUCLIDES ON CONSTRUCTION MATERIALS**

[54] **DECONTAMINATION DES RADIONUCLEIDES SUR DES MATERIAUX DE CONSTRUCTION**

[72] AZMI, PERVEZ, CA

[72] VOLCHEK, KONSTANTIN, CA

[72] KUANG, WENXING, CA

[72] BROWN, CARL E., CA

[72] VELICOGNA, DARIO, CA

[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF ENVIRONMENT, CA

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[41] 2014-01-18

[21] **2,783,350**
[13] A1

[51] **Int.Cl. A47K 4/00 (2006.01) A47K 11/00 (2006.01) E04H 1/12 (2006.01)**

[25] EN

[54] **PORTABLE TOILET**

[54] **TOILETTE PORTATIVE**

[72] WINTER, KEN, CA

[72] WINTER, ROGER, CA

[71] WINTER, KEN, CA

[71] WINTER, ROGER, CA

[22] 2012-07-13

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[21] **2,783,353**
[13] A1

[51] **Int.Cl. B65D 63/16 (2006.01) B65D 67/02 (2006.01) F16B 2/08 (2006.01) F16G 11/10 (2006.01) F16L 3/137 (2006.01) F16L 33/03 (2006.01)**

[25] EN

[54] **BANDING STRAP**

[54] **ENRUBANNAGE**

[72] COMANIUK, RYAN, CA

[72] DNESTRIANSCHII, LUCIEN, CA

[72] MARCOS, JOSEPH B., CA

[72] COMANIUK, PAUL, CA

[71] COMANIUK, RYAN, CA

[71] DNESTRIANSCHII, LUCIEN, CA

[71] MARCOS, JOSEPH B., CA

[71] COMANIUK, PAUL, CA

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[41] 2014-01-16

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[13] A1

[51] **Int.Cl. B60F 5/00 (2006.01) B60F 3/00 (2006.01)**

[25] FR

[54] **THE SMOOTER**

[54] **LE SMOOTER**

[72] PARENTEAU, ALAIN, CA

[72] DAOUST, GILLES, CA

[71] PARENTEAU, ALAIN, CA

[71] DAOUST, GILLES, CA

[22] 2012-07-12

[41] 2014-01-12

[21] **2,783,454**
[13] A1

[51] **Int.Cl. B66F 7/16 (2006.01) B66F 3/25 (2006.01) B66F 7/28 (2006.01) E04G 1/18 (2006.01) E04G 3/28 (2006.01)**

[25] EN

[54] **PORTABLE AND DISMOUNTABLE LOOP JACK, METHODS FOR ITS MANUFACTURING AND USES THEREOF**

[54] **CONNECTEUR DE BOUCLE PORTATIF ET DEMONTABLE, PROCEDES POUR SA FABRICATION ET UTILISATIONS DE CEUX-CI**

[72] KHIEU, VAN, CA

[72] PLAMONDON, ANDRE, CA

[71] KHIEU, VAN, CA

[71] PLAMONDON, ANDRE, CA

[22] 2012-07-13

[41] 2014-01-13

[21] **2,783,481**
[13] A1

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[54] **WEIGH SCALE CERTIFICATION SYSTEM AND ASSOCIATED METHOD**

[54] **SYSTEME DE CERTIFICATION DE BALANCE ET METHODE ASSOCIEE**

[72] RUUD, ERIC, US

[72] CONE, DOYLE, US

[71] CAT SCALE COMPANY, US

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[41] 2014-01-16

[30] US (13/549,591) 2012-07-16

[21] **2,783,489**
[13] A1

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[25] EN

[54] **METHODS, SOFTWARE AND DEVICES FOR IMPROVING VISIBILITY OF USER-FILLED DATA IN AN ELECTRONIC FORM**

[54] **METHODES, LOGICIEL ET DISPOSITIFS POUR AMELIORER LA VISIBILITE DES DONNEES ENTREES PAR L'UTILISATEUR DANS UN FORMULAIRE ELECTRONIQUE**

[72] KIMBER, RYAN, CA

[72] TRINH, TOMMY, CA

[72] WONG, ALFRED, CA

[71] PATIENTORDERSETS.COM LTD., CA

[22] 2012-07-18

[41] 2014-01-18

[21] **2,783,520**
[13] A1

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[54] **K9 DUVET**

[54] **DUVET K9**

[72] SHAW, LINDA B., CA

[71] SHAW, LINDA B., CA

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[41] 2014-01-13

[21] **2,783,598**
[13] A1

[51] **Int.Cl. A01G 13/10 (2006.01) A01G 7/00 (2006.01) A01G 25/00 (2006.01)**

[25] EN

[54] **PLANT PROTECTOR**

[54] **PROTECTEUR DE PLANTES**

[72] JORDAN, PETER G., CA

[72] LANE, HARLEY, CA

[71] JORDAN, PETER G., CA

[71] LANE, HARLEY, CA

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[41] 2014-01-17

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[21] **2,783,664**
[13] A1

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[25] EN
[54] **TRAILER BACKING UP DEVICE AND TABLE BASED METHOD**
[54] **DISPOSITIF DE MARCHÉ ARRIÈRE POUR REMORQUE ET METHODE FONDEE SUR UNE TABLE**
[72] SHEPARD, DANIEL R., US
[71] SHEPARD, DANIEL R., US
[22] 2012-07-18
[41] 2014-01-18

[21] **2,783,711**
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/10 (2006.01) A01G 9/12 (2006.01) B62B 1/26 (2006.01)**
[25] EN
[54] **ELEVATED PLANTER ON WHEELS**
[54] **PLANTEUSE SURELEVEE SUR ROUES**
[72] JASIULEWICZ, BARTOSZ, CA
[71] JASIULEWICZ, BARTOSZ, CA
[22] 2012-07-18
[41] 2014-01-18

[21] **2,783,803**
[13] A1

[51] **Int.Cl. A41D 13/02 (2006.01) A41D 3/00 (2006.01) A41D 27/00 (2006.01)**
[25] EN
[54] **REAR ACCESS MECHANISM FOR COVERALL GARMENTS**
[54] **MECANISME D'ACCES ARRIERE POUR COMBINAISONS**
[72] VISTICA, DAN D., CA
[71] PIONEER PROTECTIVE PRODUCTS LTD., CA
[22] 2012-07-17
[41] 2014-01-17

[21] **2,783,832**
[13] A1

[51] **Int.Cl. B65D 47/06 (2006.01)**
[25] EN
[54] **SELF-VENTING SPOUT**
[54] **BEC VERSEUR A AERATION AUTOMATIQUE**
[72] FORBIS, CHARLIE L., US
[72] KERNAN, GRANT, US
[71] BLITZ U.S.A., INC., US
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[21] **2,783,897**
[13] A1

[51] **Int.Cl. F04D 27/00 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F24F 7/007 (2006.01) F24F 11/00 (2006.01) G08B 23/00 (2006.01)**
[25] EN
[54] **FAN CONTROL SYSTEMS**
[54] **SYSTEMES DE COMMANDE DE VENTILATEURS**
[72] DAY, DARYL DUANE, US
[72] HOOFFARD, RICHARD K., US
[72] WALFORD, BRETT A., US
[71] 4FRONT ENGINEERED SOLUTIONS, INC., US
[22] 2012-07-26
[41] 2014-01-17
[30] US (13/551,528) 2012-07-17

[21] **2,784,055**
[13] A1

[51] **Int.Cl. C02F 1/78 (2006.01)**
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[54] **DENTAL WATER DISINFECTOR**
[54] **DESINFECTEUR D'EAU DENTAIRE**
[72] GREEN, GEORGE, US
[71] GREEN, GEORGE, US
[22] 2012-07-25
[41] 2014-01-12
[30] US (13/548,128) 2012-07-12

[21] **2,784,193**
[13] A1

[51] **Int.Cl. G01N 9/26 (2006.01)**
[25] EN
[54] **FLOW LOOP DENSITY MEASUREMENT METHOD**
[54] **METHODE DE MESURE DE DENSITE DE BOUCLE DE DEBIT**
[72] ITO, TOKUNOSUKE, CA
[72] JARMAN, ANDREW, CA
[71] ZED.I SOLUTIONS (CANADA) INC., CA
[22] 2012-07-31
[41] 2014-01-17
[30] US (13/550,803) 2012-07-17

[21] **2,788,112**
[13] A1

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[25] EN
[54] **AIR PILLOW FOR UPRIGHT SUPPORT**
[54] **OREILLER GONFLABLE OFFRANT UN SUPPORT VERTICAL**
[72] GILAO, DEKA, CA
[71] GILAO, DEKA, CA
[22] 2012-08-20
[41] 2014-01-18
[30] US (61/741,309) 2012-07-18

[21] **2,790,536**
[13] A1

[51] **Int.Cl. B62B 9/00 (2006.01) B60D 1/14 (2006.01) B62B 7/00 (2006.01) B62D 63/06 (2006.01) B62K 27/10 (2006.01) B62K 27/16 (2006.01)**
[25] EN
[54] **ACCESSORY CROSS BAR FOR A BICYCLE TRAILER**
[54] **BARRE TRANSVERSALE ACCESSOIRE POUR REMORQUE DE VELO**
[72] BRITTON, DANIEL W., CA
[72] FLEMING, WESLEY JUSTIN, CA
[72] SINGH, PARAMJIT, CA
[71] THULE CHILD TRANSPORT SYSTEMS LTD., CA
[22] 2012-09-21
[41] 2014-01-13
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[13] A1

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[25] EN

[54] **BICYCLE TRAILER FRONT WHEEL ARRANGEMENT**

[54] **DISPOSITION DE ROUE AVANT SUR REMORQUE DE VELO**

[72] STENGLER, MATTHEW, CA

[72] FLEMING, WESLEY JUSTIN, CA

[72] BRITTON, DANIEL W., CA

[72] MESZAROS, GARNER ELLIOT, CA

[72] BERRITTA, ROBERTO, IT

[72] BEHLING II, MARTIN JOHN, US

[72] ANDERSON, DAVID, CA

[71] THULE CHILD TRANSPORT SYSTEMS LTD., CA

[22] 2012-09-21

[41] 2014-01-13

[30] EP (12176346.0) 2012-07-13

[21] **2,791,083**
[13] A1

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[25] EN

[54] **FOLDABLE PASSENGER CARRIER**

[54] **PORTE-PASSAGER PLIABLE**

[72] FLEMING, WESLEY JUSTIN, CA

[72] ANDERSON, DAVID, CA

[72] BRITTON, DANIEL W., CA

[72] MESZAROS, GARNER ELLIOT, CA

[72] MCPHERSON, ROGER WAYNE, CA

[71] THULE CHILD TRANSPORT SYSTEMS LTD., CA

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[21] **2,793,130**
[13] A1

[51] **Int.Cl. F24H 9/12 (2006.01) F24H 9/14 (2006.01)**

[25] EN

[54] **RADIANT HEATING SYSTEM AND TURBULENCE CREATING BOILER HOUSING FOR USE THEREIN**

[54] **SYSTEME DE CHAUFFAGE PAR RAYONNEMENT ET CORPS DE CHAUDIERE PRODUISANT DE LA TURBULENCE A UTILISER DANS CELUI-CI**

[72] KING, RAY, CA

[71] KING, RAY, CA

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[41] 2014-01-13

[30] CA (2,783,345) 2012-07-13

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[21] **2,793,198**
[13] A1

[51] **Int.Cl. G01N 27/72 (2006.01) F16L 55/30 (2006.01)**

[25] EN

[54] **CONDUIT SENSOR DEVICE FOR MODIFYING A MAGNETIC FIELD AND APPARATUS AND PROCESS FOR OPERATING A PROPULSION APPARATUS**

[54] **DISPOSITIF DETECTEUR DE CONDUITE POUR MODIFIER UN CHAMP MAGNETIQUE ET APPAREIL ET PROCEDE POUR FAIRE FONCTIONNER UN APPAREIL DE PROPULSION**

[72] LAURSEN, PAUL, CA

[72] COMELLO, CORRY, CA

[71] INVODANE ENGINEERING LTD., CA

[22] 2012-10-24

[41] 2014-01-14

[30] US (13/549,453) 2012-07-14

[30] US (13/549,456) 2012-07-14

[21] **2,794,783**
[13] A1

[51] **Int.Cl. B08B 9/093 (2006.01)**

[25] EN

[54] **PRESSURE WASHING SYSTEM FOR WET WELLS**

[54] **SYSTEME DE LAVAGE A LA PRESSION POUR Puits DE POMPAGE**

[72] PERRY, KENNETH RICHARD, CA

[71] PERRY, KENNETH RICHARD, CA

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[41] 2014-01-16

[30] US (13550093) 2012-07-16

[21] **2,797,489**
[13] A1

[51] **Int.Cl. C08F 6/06 (2006.01) C08F 2/01 (2006.01) F28F 19/00 (2006.01) C09K 5/00 (2006.01)**

[25] EN

[54] **REDUCING FOULING IN HEAT EXCHANGERS**

[54] **REDUCTION DE L'ENCHRASSEMENT DANS DES ECHANGEURS DE CHALEUR**

[72] HOCKING, PHILIPPA, CA

[72] SIBTAIN, FAZLE, CA

[72] CHELUGET, ERIC, US

[71] NOVA CHEMICALS CORPORATION, CA

[22] 2012-11-30

[41] 2014-01-12

[30] US (13/313,234) 2012-07-12

[21] **2,797,506**
[13] A1

[51] **Int.Cl. A01D 57/30 (2006.01) C05F 9/02 (2006.01) C05F 17/02 (2006.01)**

[25] EN

[54] **A WINDROW TURNING APPARATUS**

[54] **APPAREIL DE RETOURNEMENT D'ANDAIN**

[72] HANSEN, JORGEN P., AU

[71] HANSEN, JORGEN P., AU

[22] 2012-12-05

[41] 2014-01-13

[30] AU (2012205121) 2012-07-13

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[21] **2,800,890**
[13] A1

[51] **Int.Cl. C05F 1/00 (2006.01) C05F 5/00 (2006.01) C05F 7/00 (2006.01) C05F 11/00 (2006.01)**

[25] EN

[54] **HOMOGENEOUS ENRICHED BIOSOLIDS PRODUCT AND PROCESS OF BIO-NUTRIENT GRANULATION FOR MAKING SAME**

[54] **PRODUIT DE BIOSOLIDES ENRICHIS HOMOGENES ET PROCEDE DE GRANULATION DE BIO-NUTRIMENTS POUR SA FABRICATION**

[72] WISEMAN, TERRY L., US
[72] LAMBALOT, ROBERT E. JR., US
[72] HARRIS, CLYDE J., US
[72] COCHRAN, KEITH D., US
[72] HOLT, TIMOTHY G., US
[72] PEEDEN, GREGORY S., US
[71] SYNAGRO TECHNOLOGIES, INC., US

[22] 2012-12-20
[41] 2014-01-18
[30] US (61/673,077) 2012-07-18

[21] **2,804,462**
[13] A1

[51] **Int.Cl. B64D 31/00 (2006.01) B64D 41/00 (2006.01) F02C 9/00 (2006.01)**

[25] EN

[54] **AIRCRAFT POWER OUTTAKE MANAGEMENT**

[54] **GESTION DE PUISSANCE DE SORTIE D'UN AERONEF**

[72] CHEN, BRYAN, CA
[72] CHMIEL, DARIUSZ, CA
[72] BEAUCHESNE-MARTEL, PHILIPPE, CA

[72] JARVO, JAMES ROBERT, CA
[71] PRATT & WHITNEY CANADA CORP., CA

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[41] 2014-01-12
[30] US (61/670,785) 2012-07-12

[21] **2,808,713**
[13] A1

[51] **Int.Cl. H01J 49/16 (2006.01) H01J 49/04 (2006.01) H01J 49/26 (2006.01)**

[25] EN

[54] **ASSEMBLY FOR AN ELECTROSPRAY ION SOURCE**

[54] **ENSEMBLE POUR UNE SOURCE D'IONS D'ELECTRONEBULISATION**

[72] MOELLER, ROY P., US
[72] THAKUR, ROHAN, US
[72] MUNTEAN, FELICIAN, US
[72] SPLENDORE, MAURIZIO A., US
[72] ZANON, STEPHEN, US
[71] BRUKER DALTONICS, INC., US

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[41] 2014-01-16
[30] US (13/550,061) 2012-07-16

[21] **2,809,119**
[13] A1

[51] **Int.Cl. H01T 1/22 (2006.01) F24H 9/18 (2006.01) H01T 13/14 (2006.01)**

[25] EN

[54] **WATER RESISTANT DIRECT SPARK IGNITER**

[54] **ALLUMEUR DIRECT RESISTANT A L'EAU**

[72] CHAUDHRY, RAHEEL A., US
[72] TRANT, TROY, US
[72] SCOTT, TIMOTHY D., US
[72] PUGH, RODNEY K., US
[71] RHEEM MANUFACTURING COMPANY, US

[22] 2013-03-12
[41] 2014-01-18
[30] US (61/672,820) 2012-07-18
[30] US (13/749,768) 2013-01-25

[21] **2,811,111**
[13] A1

[51] **Int.Cl. H01R 13/73 (2006.01) A41D 13/00 (2006.01) H01R 33/965 (2006.01) H01R 33/97 (2006.01) H05B 1/00 (2006.01)**

[25] EN

[54] **RETRACTABLE ELECTRICAL CONNECTOR ASSEMBLY AND ELECTRIC-HEATING GARMENT INCLUDING THE SAME**

[54] **CONNECTEUR ELECTRIQUE RETRACTABLE ET VETEMENT A CHAUFFAGE ELECTRIQUE LE COMPORTANT**

[72] YUE, STEVEN, TW
[71] YUE, STEVEN, TW

[22] 2013-03-27
[41] 2014-01-18
[30] TW (101125837) 2012-07-18

[21] **2,813,310**
[13] A1

[51] **Int.Cl. H03K 19/003 (2006.01) H03K 19/0948 (2006.01)**

[25] EN

[54] **SINGLE EVENT TRANSIENT AND UPSET MITIGATION FOR SILICON-ON-INSULATOR CMOS TECHNOLOGY**

[54] **TRANSITOIRE UNIQUE ET ATTENUATIONS DES EVENEMENTS POUR LA TECHNOLOGIE CMOS A SILICIUM SUR ISOLANT**

[72] CANNON, ETHAN, US
[72] RABAA, SALIM, US
[72] MACKLER, JOSH, US
[71] THE BOEING COMPANY, US

[22] 2013-04-18
[41] 2014-01-16
[30] US (13/550,462) 2012-07-16

[21] **2,814,096**
[13] A1

[51] **Int.Cl. E04F 11/18 (2006.01) E04H 17/14 (2006.01)**

[25] EN

[54] **DECORATIVE RAILING ASSEMBLY**

[54] **RAMPE DECORATIVE**

[72] ZEN, PAUL ROBERT, CA
[72] ZEN, SERGIO LUIGI, CA
[71] ZEN, PAUL ROBERT, CA
[71] ZEN, SERGIO LUIGI, CA

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[41] 2014-01-18
[30] US (13/552,558) 2012-07-18

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[21] **2,814,662**
[13] A1

[51] **Int.Cl. C10M 129/10 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITIONS FOR DIRECT INJECTION ENGINES**
[54] **COMPOSITIONS DE LUBRIFIANTS POUR MOTEURS A INJECTION DIRECTE**
[72] GUNTHER, GREGORY H., US
[72] LOPER, JOHN T., US
[71] AFTON CHEMICAL CORPORATION, US
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[41] 2014-01-18
[30] US (13/551,836) 2012-07-18

[21] **2,815,482**
[13] A1

[51] **Int.Cl. H01L 31/18 (2006.01) H01L 31/06 (2012.01)**
[25] EN
[54] **PHOTODIODE AND METHOD FOR MAKING THE SAME**
[54] **PHOTODIODE ET SON PROCEDE DE FABRICATION**
[72] EULISS, LARKEN E., US
[72] GRANGER, G. MICHAEL, US
[72] DAVIS, KEITH J., US
[72] ABUEG, NICOLE L., US
[72] BREWER, PETER D., US
[72] NOSHO, BRETT, US
[71] THE BOEING COMPANY, US
[22] 2013-05-09
[41] 2014-01-16
[30] US (13/549,905) 2012-07-16

[21] **2,815,650**
[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01) B60D 1/58 (2006.01) E02F 3/80 (2006.01)**
[25] EN
[54] **POWER PIVOT DEVICE FOR A PLOW**
[54] **DISPOSITIF DE PIVOTEMENT A MOTEUR POUR UNE CHARRUE**
[72] ELLIOTT, RONALD L., US
[71] WARN INDUSTRIES, INC., US
[22] 2013-05-13
[41] 2014-01-17
[30] US (13/551,250) 2012-07-17

[21] **2,816,866**
[13] A1

[51] **Int.Cl. A47L 15/50 (2006.01)**
[25] EN
[54] **STEMWARE HOLDER**
[54] **SUPPORT POUR VERRES A PIED**
[72] ENG, LINDSAY, US
[72] ROBERSON, ANDREW, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2013-05-22
[41] 2014-01-17
[30] US (13/550,636) 2012-07-17

[21] **2,818,141**
[13] A1

[51] **Int.Cl. A22C 25/00 (2006.01) A22C 25/08 (2006.01) A22C 25/12 (2006.01) G01N 33/12 (2006.01)**
[25] EN
[54] **SEAFOOD GRADING APPARATUS**
[54] **APPAREIL DE CLASSEMENT DE FRUITS DE MER**
[72] PETITPAS, ROGER J., US
[71] PETITPAS, ROGER J., US
[22] 2013-06-05
[41] 2014-01-18
[30] US (13/551,994) 2012-07-18

[21] **2,818,248**
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **TOUCH AND GESTURE INPUT-BASED CONTROL METHOD AND TERMINAL THEREFOR**
[54] **METHODE DE COMMANDE FONDEE SUR DES ENTREES TACTILES ET GESTUELLES ET TERMINAL CORRESPONDANT**
[72] KIM, JINYONG, KR
[72] JEON, JIYOUNG, KR
[72] KANG, JIYOUNG, KR
[72] KIM, DAESUNG, KR
[72] LEE, BOYOUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2013-06-07
[41] 2014-01-16
[30] KR (10-2012-0077021) 2012-07-16

[21] **2,818,427**
[13] A1

[51] **Int.Cl. H01R 13/639 (2006.01)**
[25] EN
[54] **RESTRAINT AND LOCK FOR ELECTRICAL CONNECTOR**
[54] **DISPOSITIF DE RETENUE ET DE VERROUILLAGE POUR CONNECTEUR ELECTRIQUE**
[72] SIEBENS, LARRY N., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2013-06-14
[41] 2014-01-12
[30] US (61/670,828) 2012-07-12
[30] US (13/903,049) 2013-05-28

[21] **2,818,645**
[13] A1

[51] **Int.Cl. B23Q 15/007 (2006.01)**
[25] EN
[54] **METHOD OF OPTIMIZING TOOLPATHS USING MEDIAL AXIS TRANSFORMATION**
[54] **PROCEDES D'OPTIMISATION DES TRAJECTOIRES D'OUTIL AU MOYEN DE LA TRANSFORMATION DES AXES MEDIANS**
[72] BOLIN, JARED LEE, US
[72] FREEMAN, PHILIP L., US
[71] THE BOEING COMPANY, US
[22] 2013-06-11
[41] 2014-01-13
[30] US (13/549,092) 2012-07-13

[21] **2,818,769**
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **MULTI-FIRE SURGICAL STAPLING APPARATUS INCLUDING SAFETY LOCKOUT AND VISUAL INDICATOR**
[54] **APPAREIL D'APPLICATION D'AGRAFES CHIRURGICALES A MODE DE DECLENCHEMENT MULTIPLE COMPORTANT UN VERROU DE SECURITE ET UN INDICATEUR VISUEL**
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2013-06-14
[41] 2014-01-18
[30] US (61/672,882) 2012-07-18
[30] US (13/899,882) 2013-05-22

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

[51] **Int.Cl. B60S 1/04 (2006.01) F25C 5/04 (2006.01)**
[25] EN
[54] **WINDSHIELD ICE SCRAPER**
[54] **GRATTOIR DE PARE-BRISE**
[72] MERRELL, GALEN, US
[71] MERRELL, GALEN, US
[22] 2013-06-13
[41] 2014-01-16
[30] US (61/741,225) 2012-07-16
[30] US (13/751,596) 2013-01-28

[21] **2,818,817**
[13] A1

[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF CONTROLLING TOWING SPEED OF A SENSOR STREAMER**
[54] **PROCEDE ET SYSTEME POUR COMMANDER LA VITESSE DE REMORQUAGE D'UNE FLUTE SISMIQUE**
[72] TURNBULL, NEIL H.R., GB
[71] PGS GEOPHYSICAL AS, NO
[22] 2013-06-13
[41] 2014-01-13
[30] US (13/549,310) 2012-07-13

[21] **2,819,645**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING A HYDROCARBON RESOURCE FROM A SUBTERRANEAN FORMATION INCLUDING ADDITIONAL UPGRADING AT THE WELLHEAD AND RELATED APPARATUS**
[54] **PROCEDE DE RECUPERATION D'UNE RESSOURCE EN HYDROCARBURES A PARTIR D'UNE FORMATION SOUTERRAINE COMPRENANT UNE VALORISATION SUPPLEMENTAIRE A LA TETE DE Puits ET APPAREIL CONNEXE**
[72] BLUE, MARK ERNEST, US
[72] ZASTROW, LISA PATTON, US
[72] WHITNEY, RYAN MATTHEW, US
[72] JACKSON, RONALD EDWARD, JR., US
[72] MEYER, JOHN ANTON, US
[71] HARRIS CORPORATION, US
[22] 2013-06-28
[41] 2014-01-13
[30] US (13/548,904) 2012-07-13

[21] **2,819,654**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD OF UPGRADING AND RECOVERING A HYDROCARBON RESOURCE FOR PIPELINE TRANSPORT AND RELATED SYSTEM**
[54] **PROCEDE DE VALORISATION ET DE RECUPERATION D'UNE RESSOURCE EN HYDROCARBURES POUR LE TRANSPORT PAR PIPELINE ET SYSTEME CONNEXE**
[72] BLUE, MARK ERNEST, US
[72] TOMAZINIS, CALEB, US
[72] SMITH, SCOTT S., US
[71] HARRIS CORPORATION, US
[22] 2013-06-28
[41] 2014-01-13
[30] US (13/549,038) 2012-07-13

[21] **2,819,657**
[13] A1

[51] **Int.Cl. F17D 1/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSPORTING AND UPGRADING A HYDROCARBON RESOURCE THROUGH A PIPELINE AND RELATED METHODS**
[54] **APPAREIL POUR LE TRANSPORT ET LA VALORISATION D'UNE RESSOURCE EN HYDROCARBURES PAR PIPELINE ET PROCEDES CONNEXES**
[72] BLUE, MARK ERNEST, US
[72] ZASTROW, LISA PATTON, US
[72] WHITNEY, RYAN MATTHEW, US
[72] JACKSON, RONALD EDWARD, JR., US
[72] MEYER, JOHN ANTON, US
[71] HARRIS CORPORATION, US
[22] 2013-06-28
[41] 2014-01-13
[30] US (13/548,997) 2012-07-13

[21] **2,819,660**
[13] A1

[51] **Int.Cl. G06T 13/40 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD TO ACHIEVE BETTER EYELINES IN CG CHARACTERS**
[54] **SYSTEMES ET PROCEDE PERMETTANT D'AMELIORER LE REGARD DES PERSONNAGES GENERES PAR ORDINATEUR**
[72] SHEERIN, DANIEL PAUL, US
[71] SONY CORPORATION, JP
[71] SONY PICTURES TECHNOLOGIES INC., US
[22] 2013-07-03
[41] 2014-01-17
[30] US (13/551,040) 2012-07-17

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[21] **2,819,665**
[13] A1

[51] **Int.Cl. H01Q 5/01 (2006.01) H04W 88/02 (2009.01) H04B 7/02 (2006.01)**

[25] EN
[54] **DUAL-BAND LTE MIMO ANTENNA**
[54] **ANTENNE MIMO LTE BIBANDES**
[72] WANG, DONG, CA
[72] WARDEN, JAMES PAUL, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-06-28
[41] 2014-01-18
[30] US (13/551,913) 2012-07-18

[21] **2,819,686**
[13] A1

[51] **Int.Cl. G05D 1/10 (2006.01) G06Q 10/04 (2012.01) G06Q 50/30 (2012.01) B64C 19/00 (2006.01) G01C 23/00 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR FLIGHT MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE VOLS**
[72] BOLLAPRAGADA, SRINIVAS, US
[72] DEL AMO, ANA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-06-27
[41] 2014-01-12
[30] US (13/547,878) 2012-07-12

[21] **2,819,790**
[13] A1

[51] **Int.Cl. H02P 23/14 (2006.01) B60W 20/00 (2006.01) H02P 25/08 (2006.01)**

[25] EN
[54] **SWITCHED RELUCTANCE MOTOR TORQUE ESTIMATION**
[54] **ESTIMATION DE COUPLE D'UN MOTEUR A RELUCTANCE COMMUTEE**
[72] VILAR, ZIMIN W., US
[72] TREMEL, CHRIS J., US
[71] DEERE & COMPANY, US
[22] 2013-06-28
[41] 2014-01-12
[30] US (13/547,364) 2012-07-12

[21] **2,819,913**
[13] A1

[51] **Int.Cl. B60T 17/22 (2006.01) B60D 1/62 (2006.01) B60S 5/00 (2006.01)**

[25] EN
[54] **BRAKE TESTING DEVICE**
[54] **DISPOSITIF D'ESSAI DE FREINS**
[72] HANSON, DEAN DAVID, CA
[72] LASKO, DEAN LARRY, CA
[71] HANSON, DEAN DAVID, CA
[71] LASKO, DEAN LARRY, CA
[22] 2013-07-02
[41] 2014-01-13
[30] US (61/671,391) 2012-07-13

[21] **2,819,939**
[13] A1

[51] **Int.Cl. G01P 21/00 (2006.01) F03D 7/00 (2006.01)**

[25] EN
[54] **METHODS AND SYSTEMS FOR USE IN MONITORING A TACHOMETER**
[54] **METHODES ET SYSTEMES A UTILISER POUR CONTROLER UN TACHYMETRE**
[72] SMITH, DAVID, US
[72] LI, HUIMIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-07-04
[41] 2014-01-18
[30] US (13/551,750) 2012-07-18

[21] **2,819,942**
[13] A1

[51] **Int.Cl. B64D 15/12 (2006.01) B64D 29/00 (2006.01) B64D 33/02 (2006.01) F02C 7/047 (2006.01) H05B 3/02 (2006.01) H05B 3/14 (2006.01)**

[25] EN
[54] **AIRCRAFT ICE PROTECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PROTECTION CONTRE LE GIVRAGE DES AERONEFS**
[72] CALDER, DAVID PATRICK, US
[72] OPIFICIUS, JULIAN ALEXANDER, US
[72] PEDERSON, ERIK THOMAS, US
[72] FLOSDORF, DAVE CENIT, US
[71] MRA SYSTEMS, INC., US
[71] KELLY AEROSPACE THERMAL SYSTEMS, LLC, US
[22] 2013-07-04
[41] 2014-01-13
[30] US (61/671,218) 2012-07-13
[30] US (13/680,177) 2012-11-19

[21] **2,819,943**
[13] A1

[51] **Int.Cl. G01M 3/22 (2006.01) F16L 55/00 (2006.01) F16L 55/179 (2006.01) F16L 58/18 (2006.01) G01M 3/28 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR TESTING THE SEAL OF A JUNCTION LINER**
[54] **PROCEDE ET APPAREIL POUR TESTER L'ETANCHEITE D'UN TUBAGE DE RACCORDEMENT**
[72] KIEST, LARRY W, JR., US
[71] LMK TECHNOLOGIES, LLC, US
[22] 2013-06-25
[41] 2014-01-16
[30] US (61/671,913) 2012-07-16
[30] US (13/783,445) 2013-03-04

[21] **2,819,946**
[13] A1

[51] **Int.Cl. B64D 15/12 (2006.01) B64F 5/00 (2006.01) F16B 11/00 (2006.01) G05D 23/19 (2006.01) H05B 1/02 (2006.01) H05B 3/02 (2006.01)**

[25] EN
[54] **SYSTEM CONTAINING AN ELECTRIC HEATING ELEMENT AND METHOD FOR INSTALLATION AND USE THEREOF**
[54] **SYSTEME CONTENANT UN ELEMENT CHAUFFANT ELECTRIQUE ET PROCEDE D'INSTALLATION ET D'UTILISATION DE CELUI-CI**
[72] CALDER, DAVID PATRICK, US
[72] FAIRBERT, MARK, US
[72] PEDERSON, ERIK THOMAS, US
[72] FLOSDORF, DAVID CENIT, US
[72] OPIFICIUS, JULIAN ALEXANDER, US
[71] MRA SYSTEMS, INC., US
[71] KELLY AEROSPACE THERMAL SYSTEMS, LLC, US
[22] 2013-07-04
[41] 2014-01-13
[30] US (61/671,204) 2012-07-13
[30] US (13/685,861) 2012-11-27

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[21] **2,819,969**
[13] A1

[51] **Int.Cl. B64C 27/51 (2006.01) B64C 27/54 (2006.01) F16F 9/54 (2006.01)**
[25] FR
[54] **HELICOPTOR ROTOR EQUIPPED WITH DRAG DAMPERS LOCATED IN BLADE LINKAGE SLEEVES TO A ROTOR HUB**
[54] **ROTOR DE GIRAVION EQUIPE D'AMORTISSEURS DE TRAINEE LOGES DANS DES MANCHONS DE LIAISON DE PALES A UN MOYEU DU ROTOR**
[72] AMARI, ANDRE, FR
[72] GAFFIERO, JACQUES, FR
[71] EUROCOPTER, FR
[22] 2013-06-25
[41] 2014-01-12
[30] FR (12 01986) 2012-07-12

[21] **2,820,011**
[13] A1

[51] **Int.Cl. G01N 29/12 (2006.01) G01M 13/04 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE EVALUATION METHODS FOR MACHINE-RIVETED BEARINGS**
[54] **METHODES D'EVALUATION NON DESTRUCTIVES POUR ROULEMENTS RIVETES A LA MACHINE**
[72] SINGH, SURENDRA, US
[72] BRIDGES, ERIC, US
[72] RESTIVO, ANTHONY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-06-28
[41] 2014-01-17
[30] US (13/551,065) 2012-07-17

[21] **2,820,068**
[13] A1

[51] **Int.Cl. H01H 37/76 (2006.01)**
[25] EN
[54] **INTERLACED ACTUATION SYSTEM**
[54] **SYSTEME D'ACTIONNEMENT ENTRELACE**
[72] EDWY BUTTOLPH, MARTIN, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2013-07-04
[41] 2014-01-13
[30] US (13/548,877) 2012-07-13

[21] **2,820,103**
[13] A1

[51] **Int.Cl. G08B 21/18 (2006.01) A01F 25/00 (2006.01)**
[25] EN
[54] **ADAPTIVE BANDWIDTH CONSUMPTION IN REMOTE MONITORING OF AGRICULTURAL ASSETS**
[54] **CONSUMMATION DE BANDE PASSANTE ADAPTATIVE EN MATIERE DE SURVEILLANCE A DISTANCE D'ACTIFS AGRICOLES**
[72] FOLK, KYLE R., CA
[71] INTRAGRAN TECHNOLOGIES INC., CA
[22] 2013-06-18
[41] 2014-01-16
[30] CA (2783045) 2012-07-16
[30] CA (2785404) 2012-08-13

[21] **2,820,167**
[13] A1

[51] **Int.Cl. C10C 3/14 (2006.01) C10C 3/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING ASPHALT PRODUCTS WITH RECYCLED ASPHALT SHINGLES**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE PRODUITS D'ASPHALTE AU MOYEN DE BARDEAUX D'ASPHALTE RECYCLES**
[72] FRANZEN, MICHAEL R., US
[72] TRUMBORE, DAVID CHARLES, US
[72] LEWANDOWSKI, LAURAND H., US
[72] WISSEL, HERB, US
[72] BURKETT, JAMES E., US
[72] HORNbacher, BARRY GARRIETT, US
[72] PEREGRINE, CHRISTIAN, US
[72] KRIECH, ANTHONY, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2013-06-13
[41] 2014-01-15
[30] US (61/671,742) 2012-07-15
[30] US (61/728,891) 2012-11-21

[21] **2,820,177**
[13] A1

[51] **Int.Cl. G01N 35/00 (2006.01) G01N 1/28 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **FLUID ANALYSIS CARTRIDGE**
[54] **CARTOUCHE D'ANALYSE DE LIQUIDE**
[72] LEE, SEUNG JUN, KR
[72] KIM, SEUNG HOON, KR
[72] MIN, JUNG KI, KR
[72] KIM, SOO HONG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2013-07-09
[41] 2014-01-12
[30] KR (10-2012-0076189) 2012-07-12

[21] **2,820,192**
[13] A1

[51] **Int.Cl. C12P 13/00 (2006.01) C12P 41/00 (2006.01) C07C 217/74 (2006.01) C07C 271/06 (2006.01) C07D 223/16 (2006.01)**
[25] FR
[54] **ENZYMATIC SYNTHESIS PROCESS FOR (7S)-1-(3,4-DIMETHOXY BICYCLO[4.2.0]OCTA-1,3,5-TRIENE 7-YL) N-METHYL METHANAMINE, AND APPLICATION TO THE SYNTHESIS OF IVABRADINE AND OF ITS SALTS**
[54] **PROCEDE DE SYNTHESE ENZYMATIQUE DE LA (7S)-1-(3,4-DIMETHOXY BICYCLO[4.2.0]OCTA-1,3,5-TRIENE 7-YL) N-METHYL METHANAMINE, ET APPLICATION A LA SYNTHESE DE L'IVABRADINE ET DE SES SELS**
[72] PEDRAGOSA MOREAU, SANDRINE, FR
[72] LEFOULON, FRANCOIS, FR
[72] MORIS VARAS, FRANCISCO, ES
[72] GONZALEZ SABIN, JAVIER, ES
[71] LES LABORATOIRES SERVIER, FR
[22] 2013-07-05
[41] 2014-01-17
[30] FR (12/56913) 2012-07-17

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[21] **2,820,296**
[13] A1

[51] **Int.Cl. C10G 15/08 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY HYDROCARBON RESOURCE UPGRADING APPARATUS INCLUDING PARALLEL PATHS AND RELATED METHODS**
[54] **APPAREIL DE VALORISATION DES RESSOURCES EN HYDROCARBURES A RADIOFREQUENCE INCLUANT DES TRAJETS PARALLELES ET DES PROCEDES CONNEXES**
[72] BLUE, MARK ERNEST, US
[72] ZASTROW, LISA PATTON, US
[72] WHITNEY, RYAN MATTHEW, US
[72] JACKSON, RONALD EDWARD, JR., US
[72] MEYER, JOHN ANTON, US
[71] HARRIS CORPORATION, US
[22] 2013-06-28
[41] 2014-01-13
[30] US (13/548,853) 2012-07-13

[21] **2,820,318**
[13] A1

[51] **Int.Cl. G12B 17/08 (2006.01) B64D 47/00 (2006.01) F16M 1/00 (2006.01) G07C 5/00 (2006.01) G11B 33/08 (2006.01) G11B 33/14 (2006.01) G11C 99/00 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROTECTING A FLIGHT RECORDER**
[54] **SYSTEMES ET PROCEDES POUR PROTEGER UN ENREGISTREUR DE VOL**
[72] LOWELL MILLER, DAVID, US
[72] KERSTEN, GARY, US
[72] FROST, WENDELL A., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-07-03
[41] 2014-01-18
[30] US (13/552,275) 2012-07-18

[21] **2,820,323**
[13] A1

[51] **Int.Cl. E04F 11/104 (2006.01) E04F 11/112 (2006.01)**
[25] EN
[54] **NON-SKID STAIR NOSING**
[54] **NEZ DE MARCHE ANTIDERAPANT**
[72] DISCH, THOMAS R., US
[72] SISKOVIC, CHRISTOPHER, US
[71] HANDI PRODUCTS, INC., US
[22] 2013-07-04
[41] 2014-01-12
[30] US (61/670,680) 2012-07-12
[30] US (13/905,603) 2013-05-30

[21] **2,820,332**
[13] A1

[51] **Int.Cl. G12B 9/02 (2006.01) A41D 13/005 (2006.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01) B64D 47/00 (2006.01) E05G 1/024 (2006.01) F16M 1/00 (2006.01) F41H 5/24 (2006.01) G01D 11/24 (2006.01) G12B 17/06 (2006.01) H05K 5/02 (2006.01) G07C 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A PROTECTIVE CASING**
[54] **SYSTEMES ET PROCEDES POUR UN BOITIER DE PROTECTION**
[72] LOWELL MILLER, DAVID, US
[72] KERSTEN, GARY, US
[72] FROST, WENDELL A., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-07-03
[41] 2014-01-18
[30] US (13/552,243) 2012-07-18

[21] **2,820,466**
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL APPARATUS INCLUDING SURGICAL BUTTRESS**
[54] **APPAREIL CHIRURGICAL COMPORTANT UNE PIECE D'APPUI CHIRURGICALE**
[72] HODGKINSON, GERALD, US
[72] EBNER, TIMOTHY D., US
[72] HATHAWAY, PETER, US
[71] COVIDIEN LP, US
[22] 2013-06-26
[41] 2014-01-18
[30] US (61/672,888) 2012-07-18
[30] US (13/924,804) 2013-06-24

[21] **2,820,493**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01) A61N 1/08 (2006.01)**
[25] EN
[54] **TRANSCRANIAL CURRENT STIMULATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE STIMULATION DU COURANT TRANSCRANIEN**
[72] GARDIN, PAUL, CA
[72] LEMAY, MATHIEU, CA
[72] SHAPIRO, DANIEL, CA
[72] CHAPMAN, IAN, CA
[72] SHAIKAT, SHAZIB, CA
[72] SHAPIRO, STANLEY, CA
[72] DRESSLER, BRIAN, CA
[71] NORDOCS TECHNOLOGIES, INC., CA
[22] 2013-06-25
[41] 2014-01-13
[30] US (13/548,241) 2012-07-13

[21] **2,820,496**
[13] A1

[51] **Int.Cl. A63B 21/072 (2006.01) A63B 21/075 (2006.01)**
[25] EN
[54] **EXERCISE WEIGHTS AND BARBELLS THEREFOR**
[54] **POIDS D'EXERCICE ET BARRES D'HALTERES CORRESPONDANTES**
[72] POTTS, TERENCE SCOTT, CA
[72] DORSETT, PAUL WILLIAM, CA
[71] POTTS, TERENCE SCOTT, CA
[22] 2013-06-26
[41] 2014-01-17
[30] US (13/551592) 2012-07-17
[30] US (13/850947) 2013-03-26

[21] **2,820,503**
[13] A1

[51] **Int.Cl. B60D 1/14 (2006.01) B60P 3/07 (2006.01)**
[25] EN
[54] **FRONT TOW EXTENDED SADDLE**
[54] **SELLE ALLONGEE DE REMORQUAGE PAR L'AVANT**
[72] SCHUETTENBERG, DONALD W., US
[71] ATC TRANSPORTATION LLC, US
[22] 2013-07-10
[41] 2014-01-13
[30] US (13/548,508) 2012-07-13

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[21] **2,820,520**
[13] A1

[51] **Int.Cl. B65D 90/22 (2006.01) F16K 7/12 (2006.01) F16K 15/14 (2006.01)**
[25] EN
[54] **SAFETY ANTI-REVERSING DEVICE FOR A BOTTOM OF A BASIN**
[54] **DISPOSITIF ANTIRETOUR DE SECURITE POUR FOND DE BASSIN**
[72] TURNER, DAVID, FR
[72] MICHEL, FRANCOIS, FR
[72] LAMBERTON, MIKAEL, FR
[72] PALLY, SEBASTIEN, FR
[71] NORHAM, FR
[22] 2013-07-08
[41] 2014-01-16
[30] FR (12 02 014) 2012-07-16

[21] **2,820,540**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) F21V 23/00 (2006.01)**
[25] EN
[54] **CIRCUIT FOR EXPANDING THE DIMMING RANGE OF AN LED LAMP**
[54] **CIRCUIT PERMETTANT D'ACCROITRE LA PLAGE DE GRADATION D'UNE LAMPE A DEL**
[72] LISINSKY, STEPHEN M., US
[71] HUBBELL INCORPORATED, US
[22] 2013-07-09
[41] 2014-01-12
[30] US (13/547,877) 2012-07-12

[21] **2,820,558**
[13] A1

[51] **Int.Cl. A61B 5/05 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **POSITION AND ORIENTATION ALGORITHM FOR A SINGLE AXIS SENSOR**
[54] **ALGORITHME DE POSITION ET D'ORIENTATION POUR UN CAPTEUR A AXE UNIQUE**
[72] MONTAG, AVRAM DAN, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2013-07-10
[41] 2014-01-12
[30] US (13/547,302) 2012-07-12

[21] **2,820,576**
[13] A1

[51] **Int.Cl. F16K 31/18 (2006.01) B65D 90/00 (2006.01) F16K 1/14 (2006.01) F16K 31/14 (2006.01) F16K 33/00 (2006.01) F16L 55/07 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY FOR PRODUCTION TANKS**
[54] **ENSEMBLE ROBINET A FLOTTEUR POUR RESERVOIRS DE PRODUCTION**
[72] LIPINSKI, JOHN, CA
[71] TRINITY HIGH-TECH PRODUCTS LTD., CA
[22] 2013-07-12
[41] 2014-01-12
[30] US (61/671,042) 2012-07-12

[21] **2,820,657**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/18 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING TRIAL REQUESTS AND BACKLOG OF COURT CASES**
[54] **SYSTEME ET METHODE POUR REDUIRE LES REQUETES PRELIMINAIRES ET L'ARRIERE JUDICIAIRE**
[72] KATES, JOSEF, CA
[72] KATES, LOUIS, CA
[71] TELERIDE/SAGE LTD., CA
[22] 2013-07-11
[41] 2014-01-13
[30] US (61/671,172) 2012-07-13

[21] **2,820,722**
[13] A1

[51] **Int.Cl. B60P 1/56 (2006.01)**
[25] EN
[54] **CONVEYOR FOR HOPPER BOTTOM TRANSPORTATION VEHICLE**
[54] **CONVOYEUR POUR VEHICULE DE TRANSPORT A TREMIE INFERIEURE**
[72] HAUKAAS, GREG, CA
[72] HAUKAAS, BERIC D., CA
[72] COLISTRO, VINCENT, CA
[71] HAUKAAS MANUFACTURING LTD., CA
[22] 2013-07-03
[41] 2014-01-12
[30] US (60670812) 2012-07-12

[21] **2,820,801**
[13] A1

[51] **Int.Cl. A47C 31/10 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **SOFA AND CHAIR COVERS**
[54] **DESSUS DE SOFA ET DE CHAISE**
[72] BAINES, DAVID M., US
[71] MAYTEX MILLS, INC., US
[22] 2013-07-12
[41] 2014-01-13
[30] US (61/671,457) 2012-07-13
[30] US (13/937,905) 2013-07-09

[21] **2,820,805**
[13] A1

[51] **Int.Cl. E06B 11/08 (2006.01) E05F 15/12 (2006.01) E06B 11/02 (2006.01)**
[25] EN
[54] **ENTRANCE OR EXIT SYSTEM**
[54] **SYSTEME D'ENTREE OU DE SORTIE**
[72] HAMMERLE, JURGEN, DE
[72] LAUNER, PETER, DE
[71] WANZL METALLWARENFABRIK GMBH, DE
[22] 2013-07-09
[41] 2014-01-17
[30] DE (10 2012 106 404 0) 2012-07-17

[21] **2,820,808**
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **CUTTING TOOTH**
[54] **DENT COUPANTE**
[72] HUBER, LUDWIG ANDREAS, DE
[71] BAUER MASCHINEN GMBH, DE
[22] 2013-07-11
[41] 2014-01-18
[30] EP (12 005 271.7) 2012-07-18

[21] **2,820,819**
[13] A1

[51] **Int.Cl. F21V 13/12 (2006.01) G09F 9/35 (2006.01) G09F 13/04 (2006.01)**
[25] EN
[54] **BACKLIGHT MODULE**
[54] **MODULE DE RETROECLAIRAGE**
[72] LEE, HSIN CHIN, CA
[72] PURDY, MICHAEL LORNE, CA
[72] LEE, CHOONGHO, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-07-12
[41] 2014-01-13
[30] EP (12176267.8) 2012-07-13

Demandes canadiennes mises à la disponibilité du public
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[21] **2,820,823**
[13] A1

[51] **Int.Cl. A61G 99/00 (2006.01) A61B 5/00 (2006.01) A61G 12/00 (2006.01) G08B 21/02 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **NOTIFICATION SYSTEM OF DEVIATION FROM PREDEFINED CONDITIONS**

[54] **SYSTEME DE NOTIFICATION DE DEVIATION A PARTIR DE CONDITIONS PREDEFINIES**

[72] MAYORAS, RICHARD C., JR., US

[71] STRYKER CORPORATION, US

[22] 2013-07-11

[41] 2014-01-17

[30] US (61/672,740) 2012-07-17

[30] US (13/836,259) 2013-03-15

[21] **2,820,828**
[13] A1

[51] **Int.Cl. G01F 1/74 (2006.01)**

[25] EN

[54] **NUCLEAR MAGNETIC FLOWMETER**

[54] **DEBITMETRE MAGNETIQUE NUCLEAIRE**

[72] ZOETEWELJ, MARCO LEENDERT, NL

[72] BOUSCHE, OLAF JEAN PAUL, NL

[72] HOGENDOORN, CORNELIS JOHANNES, NL

[72] DE GRAAF, ARIEL, NL

[72] PORS, JAN TEUNIS AART, NL

[72] RAMONDT, JAN-WILLEM, NL

[71] KROHNE AG, CH

[22] 2013-07-11

[41] 2014-01-16

[30] DE (10 2012 013 935.7) 2012-07-16

[21] **2,820,833**
[13] A1

[51] **Int.Cl. A61B 17/29 (2006.01) A61B 18/12 (2006.01)**

[25] EN

[54] **AN END-EFFECTOR ASSEMBLY INCLUDING A PRESSURE-SENSITIVE LAYER DISPOSED ON AN ELECTRODE**

[54] **ENSEMBLE EFFECTEUR COMPORTANT UNE COUCHE AUTO-ADHESIVE DISPOSEE SUR UNE ELECTRODE**

[72] OURADA, PAUL E., US

[72] WHAM, ROBERT H., US

[71] COVIDIEN LP, US

[22] 2013-07-12

[41] 2014-01-17

[30] US (61/672,344) 2012-07-17

[30] US (13/926,491) 2013-06-25

[21] **2,820,826**
[13] A1

[51] **Int.Cl. F16D 7/00 (2006.01) G01F 1/74 (2006.01) G01N 24/08 (2006.01)**

[25] EN

[54] **NUCLEAR MAGNETIC FLOWMETER**

[54] **DEBITMETRE MAGNETIQUE NUCLEAIRE**

[72] PORS, JAN TEUNIS AART, NL

[72] RAMONDT, JAN-WILLEM, NL

[71] KROHNE AG, CH

[22] 2013-07-11

[41] 2014-01-16

[30] DE (10 2012 013 934.9) 2012-07-16

[21] **2,820,829**
[13] A1

[51] **Int.Cl. H04B 10/50 (2013.01) G02B 6/26 (2006.01) H01S 5/00 (2006.01)**

[25] EN

[54] **OPTICAL SIGNAL EMISSION SYSTEM**

[54] **SYSTEME D'EMISSION DE SIGNAUX OPTIQUES**

[72] NAPPEZ, THOMAS, FR

[72] RONDEAU, PHILIPPE, FR

[72] SCHLOTTERBECK, JEAN-PIERRE, FR

[72] GHIBAUDO, ELISE, FR

[72] BROQUIN, JEAN-EMMANUEL, FR

[71] THALES, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[22] 2013-07-11

[41] 2014-01-13

[30] FR (1201997) 2012-07-13

[21] **2,820,903**
[13] A1

[51] **Int.Cl. F04B 23/02 (2006.01) F04B 1/02 (2006.01) F04B 53/14 (2006.01)**

[25] EN

[54] **A DYNAMIC FLUID PUMP**

[54] **POMPE DYNAMIQUE**

[72] AL-ANEZI, NEDA, KW

[71] AL-ANEZI, NEDA, KW

[22] 2013-07-16

[41] 2014-01-18

[30] GB (1212787.4) 2012-07-18

[21] **2,820,827**
[13] A1

[51] **Int.Cl. G01F 25/00 (2006.01) G01F 1/74 (2006.01)**

[25] EN

[54] **NUCLEAR MAGNETIC FLOWMETER**

[54] **DEBITMETRE MAGNETIQUE NUCLEAIRE**

[72] BOUSCHE, OLAF JEAN PAUL, NL

[72] HOGENDOORN, CORNELIS JOHANNES, NL

[72] ZOETEWELJ, MARCO LEENDERT, NL

[71] KROHNE AG, CH

[22] 2013-07-11

[41] 2014-01-16

[30] DE (10 2012 013 933.0) 2012-07-16

[21] **2,820,914**
[13] A1

[51] **Int.Cl. A21D 2/22 (2006.01) A21D 2/02 (2006.01) A21D 2/14 (2006.01) A21D 13/00 (2006.01) A23L 1/32 (2006.01)**

[25] EN

[54] **MODIFIED BREAD PRODUCTS AND METHODS OF MAKING SAME**

[54] **PRODUITS DE BOULANGERIE MODIFIES ET PROCEDES DE FABRICATION DE CEUX-CI**

[72] BAGOROGOZA, KATE, US

[71] ADVANCEPIERRE FOODS, INC., US

[22] 2013-07-12

[41] 2014-01-13

[30] US (61/671,514) 2012-07-13

**Canadian Applications Open to Public Inspection
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[21] **2,820,929**
[13] A1

[51] **Int.Cl. B65H 29/16 (2006.01) B65H 5/02 (2006.01)**
[25] EN
[54] **CONTACT PRESSURE DEVICE FOR FLAT ARTICLES ON A REVOLVING TRANSPORT BELT**
[54] **DISPOSITIF A PRESSION DE CONTACT POUR ARTICLES PLATS SUR UNE BANDE TRANSPORTEUSE CIRCULAIRE**
[72] MUHL, WOLFGANG, DE
[72] ORTMANN, AXEL, DE
[71] FRANCO TYP-POSTALIA GMBH, DE
[22] 2013-07-10
[41] 2014-01-18
[30] DE (10 2012 014 901.8) 2012-07-18

[21] **2,820,973**
[13] A1

[51] **Int.Cl. H01Q 5/01 (2006.01) H01Q 9/04 (2006.01) H04B 1/18 (2006.01) H01Q 1/38 (2006.01)**
[25] EN
[54] **A TRI-BAND ANTENNA FOR NONCELLULAR WIRELESS APPLICATIONS**
[54] **ANTENNE A TROIS BANDES DE FREQUENCES POUR APPLICATIONS SANS FIL NON CELLULAIRES**
[72] HANDRO, ANDREAS, DE
[72] KHUN, MICHAEL, DE
[72] WEHRMANN, CHRISTOPHER, DE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-07-11
[41] 2014-01-12
[30] EP (12176191.0) 2012-07-12

[21] **2,820,981**
[13] A1

[51] **Int.Cl. G06F 21/82 (2013.01) G06F 21/85 (2013.01) G06F 3/00 (2006.01) G06F 13/38 (2006.01)**
[25] EN
[54] **SECURE PERIPHERAL CONNECTING DEVICE**
[54] **DISPOSITIF DE CONNEXION PERIPHERIQUE SUR**
[72] SOFFER, AVIV, IL
[71] HIGH SEC LABS LTD., IL
[22] 2013-07-11
[41] 2014-01-13
[30] US (13/548,340) 2012-07-13

[21] **2,820,994**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IN-PLACE RECORDS MANAGEMENT AND CONTENT LIFECYCLE MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE L'ARCHIVAGE ET DE GESTION DE CYCLE DE VIE DE CONTENU EN PLACE**
[72] PALMER, JODY HUPTON, CA
[71] OPEN TEXT S.A., LU
[22] 2013-07-11
[41] 2014-01-12
[30] US (61/671.016) 2012-07-12
[30] US (61/719.645) 2012-10-29

[21] **2,820,997**
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REMOVING OR REPLACING ON-KEYBOARD PREDICTION CANDIDATES**
[54] **METHODES ET SYSTEMES POUR RETIRER OU REMPLACER DES CANDIDATS DE PREDICTION SUR UN CLAVIER**
[72] PASQUERO, JEROME, CA
[72] PINHEIRO, GIL, CA
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-07-12
[41] 2014-01-13
[30] EP (12176453.4) 2012-07-13

[21] **2,821,001**
[13] A1

[51] **Int.Cl. A61K 35/74 (2006.01) A61P 15/00 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **USE OF PROBIOTIC BACTERIAL STRAINS AS A PROPHYLACTIC TOOL AGAINST UTERINE INFECTIONS IN PREGNANT FEMALE RUMINANTS**
[54] **UTILISATION DE SOUCHES BACTERIENNES PROBIOTIQUES EN TANT QU'OUTIL PROPHYLACTIQUE CONTRE LES INFECTIONS UTERINES CHEZ LES RUMINANTS FEMELLES GESTANTES**
[72] AMETAJ, BURIM, CA
[72] GAENZLE, MICHAEL, CA
[71] AMETAJ, BURIM, CA
[71] GAENZLE, MICHAEL, CA
[22] 2013-07-15
[41] 2014-01-13
[30] US (61/671,180) 2012-07-13

[21] **2,821,005**
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01) B65D 30/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE COMPOST BIN LINER**
[54] **DOUBLURE DE BAC DE COMPOST BIODEGRADABLE**
[72] MACARTHUR, JIM, CA
[71] MACARTHUR, JIM, CA
[22] 2013-07-12
[41] 2014-01-12
[30] US (61/670957) 2012-07-12

[21] **2,821,008**
[13] A1

[51] **Int.Cl. G01M 1/38 (2006.01) G01M 1/30 (2006.01) G01M 1/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BALANCING A COMBINED WHEEL AND TIRE**
[54] **PROCEDE ET APPAREIL POUR EQUILIBRER UNE ROUE ET UN PNEU COMBINE**
[72] SWAIN, JEFF, US
[71] SWAIN, JEFF, US
[22] 2013-07-12
[41] 2014-01-12
[30] US (13/547,677) 2012-07-12

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[21] **2,821,017**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/072 (2006.01) A61B 17/29 (2006.01)**

[25] EN

[54] **APPARATUS FOR ENDOSCOPIC PROCEDURES**

[54] **APPAREIL POUR DES INTERVENTIONS ENDOSCOPIQUES**

[72] ARANYI, ERNEST, US

[72] BRONSON, DWIGHT G., US

[72] RACENET, DAVID C., US

[71] COVIDIEN LP, US

[22] 2013-07-15

[41] 2014-01-18

[30] US (61/672,891) 2012-07-18

[30] US (13/921,890) 2013-06-19

[21] **2,821,050**
[13] A1

[51] **Int.Cl. A01M 29/06 (2011.01)**

[25] EN

[54] **PREDATOR DETERRENT**

[54] **SYSTEME ANTI-PREDATEURS**

[72] PYNE-CARTER, NATHAN EMMIT, GB

[72] LINES, JEFFREY ANDREW, GB

[71] ACE AQUATEC LTD., GB

[22] 2013-07-11

[41] 2014-01-12

[30] GB (GB1212382.4) 2012-07-12

[30] GB (GB1306816.8) 2013-04-15

[21] **2,821,058**
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/10 (2012.01) G06Q 20/14 (2012.01)**

[25] EN

[54] **TRANSACTIONAL RECONCILIATION SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE RAPPROCHEMENT DE TRANSACTIONS**

[72] FITZMAURICE, SINEAD, IE

[72] DOWLING, BARRY, IR

[71] FITZMAURICE, SINEAD, IE

[71] DOWLING, BARRY, IR

[22] 2013-07-15

[41] 2014-01-13

[30] US (61/671,248) 2012-07-13

[21] **2,821,076**
[13] A1

[51] **Int.Cl. G06T 5/00 (2006.01) G06T 11/60 (2006.01)**

[25] EN

[54] **APPLICATION OF FILTERS REQUIRING FACE DETECTION IN PICTURE EDITOR**

[54] **APPLICATION DE FILTRES NECESSITANT UNE DETECTION DES VISAGES DANS UN EDITEUR D'IMAGE**

[72] SAMVIK, HANS RIKARD, SE

[72] MONTAN, NILS JOHAN PETTER, SE

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-07-11

[41] 2014-01-13

[30] US (13/548,391) 2012-07-13

[30] EP (13151113.1) 2013-01-14

[21] **2,821,079**
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE**

[72] KIFT, JULIAN ROBERT, US

[72] THOMPSON, WHIP CLINTON GALEN, US

[72] PLOEMEN, INGMAR HUBERTUS JOSEPHINA, NL

[71] SHELL CANADA ENERGY, CA

[71] CHEVRON CANADA LIMITED, CA

[71] MARATHON OIL SANDS L.P., CA

[22] 2013-07-15

[41] 2014-01-17

[30] CA (2783284) 2012-07-17

[21] **2,821,082**
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01)**

[25] EN

[54] **A METHOD FOR EXTRACTING BITUMEN FROM AN OIL SAND STREAM**

[54] **PROCEDE D'EXTRACTION DE BITUME A PARTIR D'UN FLUX DE SABLE BITUMINEUX**

[72] HOUSE, PETER KIRKWOOD, CA

[72] KIFT, JULIAN ROBERT, US

[72] RINGSTROM, JOHN PATRICK, CA

[71] SHELL CANADA ENERGY, CA

[71] CHEVRON CANADA LIMITED, CA

[71] MARATHON OIL SANDS L.P., CA

[22] 2013-07-15

[41] 2014-01-17

[30] CA (2783269) 2012-07-17

[21] **2,821,083**
[13] A1

[51] **Int.Cl. G04G 21/08 (2010.01) G06F 3/0488 (2013.01) G04G 13/02 (2006.01) H04W 88/02 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS PERTAINING TO A GESTURE-CONTROLLED SNOOZE INSTRUCTION**

[54] **PROCEDE ET APPAREIL AYANT TRAIT A UNE INSTRUCTION DE RAPPEL D'ALARME COMMANDE PAR UN GESTE**

[72] ERIKSSON, MARCUS, SE

[72] GAERDENFORS, DAN ZACHARIAS, SE

[72] HALLERSTROEM SJOESTEDT, SVANTE MAGNUS ULFSTAND, SE

[72] GRIMBERG, PER, SE

[72] BERGLUND, CARL FREDRIK ALEXANDER, SE

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-07-12

[41] 2014-01-18

[30] EP (12176989.7) 2012-07-18

[21] **2,821,086**
[13] A1

[51] **Int.Cl. G01N 21/954 (2006.01)**

[25] EN

[54] **REMOTE VISUAL INSPECTION**

[54] **INSPECTION VISUELLE A DISTANCE**

[72] BRIGNAC, JACQUES L., US

[72] LUCAS, ROBERT E., US

[72] ROWLAND, GEORGE R., US

[71] ALSTOM TECHNOLOGY LTD, CH

[22] 2013-07-15

[41] 2014-01-17

[30] US (13/550,928) 2012-07-17

**Canadian Applications Open to Public Inspection
January 12, 2014 to January 18, 2014**

[21] **2,821,099**
[13] A1

[51] **Int.Cl. E21B 43/00 (2006.01) G06F 17/10 (2006.01) G06F 19/00 (2011.01)**
[25] FR
[54] **PRODUCTION PROCESS FOR A GEOLOGICAL RESERVOIR BASED ON A STOCK RESERVOIR BY CALCULATING AN ANALYTICAL CONDITIONAL DISTRIBUTION LAW OF UNCERTAIN PARAMETERS OF THE MODEL**

[54] **PROCEDE D'EXPLOITATION D'UN RESERVOIR GEOLOGIQUE A PARTIR D'UN MODELE DE RESERVOIR CALE PAR LE CALCUL D'UNE LOI ANALYTIQUE DE DISTRIBUTION CONDITIONNELLE DE PARAMETRES INCERTAINS DU MODELE**

[72] DA VEIGA, SEBASTIEN, FR
[72] GERVAIS-COUPLET, VERONIQUE, FR
[72] FERAILLE, MATHIEU, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2013-07-12
[41] 2014-01-13
[30] FR (12 02 005) 2012-07-13

[21] **2,821,100**
[13] A1

[51] **Int.Cl. G01N 21/954 (2006.01) F16L 55/28 (2006.01) F17D 5/00 (2006.01)**
[25] EN
[54] **PIPELINE INSPECTION APPARATUS**

[54] **APPAREIL D'INSPECTION DE PIPELINE**

[72] THURSBY, JONATHAN, GB
[71] E.V. OFFSHORE LIMITED, GB
[22] 2013-07-15
[41] 2014-01-16
[30] GB (1212624.9) 2012-07-16

[21] **2,821,119**
[13] A1

[51] **Int.Cl. A47K 7/02 (2006.01) A61F 13/38 (2006.01) A61H 35/04 (2006.01)**
[25] EN
[54] **NASAL CLEANING APPARATUS, KITS, AND METHODS OF USE**

[54] **APPAREILS DE NETTOYAGE NASAL, TROUSSES ET METHODES D'UTILISATION**

[72] YARDLEY, MARK J., US
[71] Y B INNOVATIONS, LLC, US
[22] 2013-07-16
[41] 2014-01-17
[30] US (13/551,463) 2012-07-17

[21] **2,821,127**
[13] A1

[51] **Int.Cl. E21B 47/09 (2012.01)**
[25] EN
[54] **REAL-TIME CASING DETECTION USING TILTED AND CROSSED ANTENNA MEASUREMENT DETECTION DE TUBAGE EN TEMPS REEL A L'AIDE D'UNE MESURE D'ANTENNE INCLINEE ET CROISEE**

[72] TANG, YUMEI, US
[72] BITTAR, MICHAEL S., US
[72] LI, SHANJUN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2013-07-11
[41] 2014-01-16
[30] US (13/549,679) 2012-07-16

[21] **2,821,148**
[13] A1

[51] **Int.Cl. G21F 1/00 (2006.01) G21F 1/04 (2006.01)**
[25] EN
[54] **SHIELDING COMPOSITE BUILDING MATERIALS WITH A LOW INTERNAL LEVEL OF IONISING RADIATION**

[54] **MATERIAUX DE CONSTRUCTION COMPOSITES DE BLINDAGE A FAIBLE NIVEAU DE RAYONNEMENT IONISANT INTERNE**

[72] KOVAR, PETR, CZ
[72] SURAN, JIRI, CZ
[72] VAGNER, FRANTISEK, CZ
[71] SOLETANCHE FREYSSINET, FR
[22] 2013-07-12
[41] 2014-01-12
[30] CZ (PV-2012-478) 2012-07-12

[21] **2,821,157**
[13] A1

[51] **Int.Cl. B65D 65/00 (2006.01)**
[25] EN
[54] **PROTECTIVE WRAPPER FOR ROLLS AND METHOD FOR WRAPPING A ROLL USING THE SAME**

[54] **EMBALLAGE DE PROTECTION POUR ROULEAUX ET PROCEDE D'EMBALLAGE D'UN ROULEAU A L'AIDE DE CELUI-CI**

[72] JUTRAS, SYLVAIN, CA
[72] GRANOVSKY, DAVID, CA
[72] RISLER, PASCAL, CA
[71] ATLANTIC COATED PAPERS LTD., CA
[22] 2013-07-15
[41] 2014-01-13
[30] US (61671199) 2012-07-13

[21] **2,821,185**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD TO INCREASE ENERGY EFFICIENT BEHAVIOR CHANGES, MEASURE ADOPTION AND UTILITY REBATE REDEMPTION**

[54] **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LES CHANGEMENTS DE COMPORTEMENT ECONERGETIQUES, L'ADOPTION DE MESURES ET LA REMISE DES SERVICES PUBLICS**

[72] SHELTON, SUZANNE CROFTS, US
[71] SHELTON, SUZANNE CROFTS, US
[22] 2013-07-15
[41] 2014-01-18
[30] US (61/672,889) 2012-07-18

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[21] **2,821,189**
[13] A1

[51] **Int.Cl. C10M 133/06 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITIONS CONTAINING STERICALLY HINDERED AMINES AS ASHLESS TBN SOURCES**

[54] **COMPOSITIONS D'HUILE LUBRIFIANTE CONTENANT DES AMINES A EMPECHEMENT STERIQUE EN TANT QUE SOURCES D'ACIDE DE BASICITE TOTALE SANS CENDRES**

[72] BERA, TUSHAR K., US
[72] HARTLEY, JOSEPH P., GB
[72] LI, GUIFENG, US
[72] CANDIDO, GABRIELE, GB
[72] GULACSY, CHRISTINA E., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2013-07-17
[41] 2014-01-17
[30] US (13/550,646) 2012-07-17

[21] **2,821,190**
[13] A1

[51] **Int.Cl. H04B 1/40 (2006.01) H01Q 1/38 (2006.01) H01Q 5/01 (2006.01) H01Q 9/04 (2006.01) H02J 3/00 (2006.01)**

[25] EN
[54] **ANTENNA TUNING FOR MULTIBAND OPERATION**

[54] **SYNTONISATION D'ANTENNE POUR UN FONCTIONNEMENT MULTIBANDE**

[72] BADARUZZAMAN, FIRASS MIRZA, US
[72] WIESSNER, RANDY ALAN, US
[72] KATZ, MARSHALL JOSEPH, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-07-16
[41] 2014-01-17
[30] EP (12176789.1) 2012-07-17

[21] **2,821,191**
[13] A1

[51] **Int.Cl. G02C 7/08 (2006.01) G02B 7/28 (2006.01) G02C 7/04 (2006.01)**

[25] EN
[54] **NEUROMUSCULAR SENSING FOR VARIABLE-OPTIC ELECTRONIC OPHTHALMIC LENS**

[54] **DETECTION NEUROMUSCULAIRE POUR UN VERRE OPHTALMIQUE ELECTRONIQUE A OPTIQUE VARIABLE**

[72] PUGH, RANDALL BRAXTON, US
[72] OTTS, DANIEL B., US
[72] RIALI, JAMES DANIEL, US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2013-07-17
[41] 2014-01-18
[30] US (13/552,046) 2012-07-18

[21] **2,821,279**
[13] A1

[51] **Int.Cl. A47G 1/06 (2006.01) A47G 1/24 (2006.01) B65H 75/38 (2006.01)**

[25] EN
[54] **PICTURE FRAME AND HANGER COMBINATION FEATURING A RECESSED CORD REEL**

[54] **COMBINAISON DE CADRE ET SUPPORT COMPORTANT UNE BOBINE DE CORDON ENCASTREE**

[72] FOLK, DEBORAH L., CA
[71] FOLK, DEBORAH L., CA
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[41] 2014-01-16
[30] US (61/672,061) 2012-07-16

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[13] A1

[51] **Int.Cl. F28F 1/20 (2006.01)**

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[54] **REMOVABLE RADIATOR FIN ASSEMBLY**

[54] **ENSEMBLE D'AILETTES DE RADIATEUR AMOVIBLE**

[72] FANBERG, GORDON B., US
[72] FRANSEN, ROBERT A., US
[71] FAB TEK LOGIC, LLC, US
[22] 2013-07-18
[41] 2014-01-18
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[13] A1

[51] **Int.Cl. H01R 13/52 (2006.01) H01R 13/53 (2006.01)**

[25] EN
[54] **CABLE CONNECTORS, ADAPTER ASSEMBLIES AND RELATED SYSTEMS AND METHODS**

[54] **CONNECTEURS DE CABLES, ENSEMBLES ADAPTATEURS ET SYSTEMES ET PROCEDES CONNEXES**

[72] MIKLI, NORBERT, DE
[71] TYCO ELECTRONICS RAYCHEM GMBH, DE
[22] 2013-07-18
[41] 2014-01-18
[30] US (61/672,927) 2012-07-18
[30] US (13/944,997) 2012-07-18

[21] **2,821,333**
[13] A1

[51] **Int.Cl. B64C 5/00 (2006.01) B64C 3/10 (2006.01) B64C 39/12 (2006.01)**

[25] EN
[54] **AIRCRAFT LIFTING SURFACE WITH VARIABLE SWEEP DISTRIBUTION ALONG THE SPAN**

[54] **SURFACE PORTANTE D'AERONEF A REPARTITION DE FLECHE VARIABLE LE LONG DE L'ENVERGURE**

[72] PASCUAL FUERTES, ANGEL, ES
[72] RODRIGUEZ SANCHEZ, SERGIO, ES
[71] AIRBUS OPERATIONS S.L., ES
[22] 2013-07-16
[41] 2014-01-16
[30] EP (12382282.7) 2012-07-16

[21] **2,821,342**
[13] A1

[51] **Int.Cl. A63B 21/072 (2006.01)**

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[54] **COMPRESSIBLE BARBELL ADAPTER**

[54] **ADAPTATEUR DE BARRE D'HALTERES COMPRESSIBLE**

[72] MURRAY, GUY, CA
[72] BAILEY, KEVIN, CA
[72] BAILEY, MATT, CA
[72] KIM, JOHN, CA
[71] MURRAY, GUY, CA
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[54] **METHOD AND APPARATUS FOR MOTION BASED PING DURING CHAT MODE**
[54] **PROCEDE ET APPAREIL DE DETECTION DE MOUVEMENT BASE SUR L'IMPULSION ACOUSTIQUE EMISE EN MODE BAVARDAGE**
[72] DAWAR, ANNUPUM, CA
[72] HUNGERFORD, SEAN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-07-17
[41] 2014-01-18
[30] EP (12176849.3) 2012-07-18

[21] **2,821,432**
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[25] EN
[54] **REVERSIBLE FISH LURE AND METHOD OF MAKING**
[54] **LEURRE REVERSIBLE ET PROCEDE DE FABRICATION**
[72] ELGIN, RUSSELL ALLEN, US
[71] ELGIN, RUSSELL ALLEN, US
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[21] **2,821,475**
[13] A1

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[72] WOLFF, RONALD J., US
[72] WOLFF, MICHAEL A., US
[72] WOLFF, STEVEN J., US
[71] HMD ENTERTAINMENT, LLC, US
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[13] A1

[51] **Int.Cl. H01R 13/58 (2006.01)**
[25] EN
[54] **IN-LINE CABLE STRAIN RELIEF DEVICE**
[54] **DISPOSITIF SERRE-CABLE EN LIGNE**
[72] MCCLAUGHLAN, DUNCAN, US
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR
[22] 2013-07-17
[41] 2014-01-18
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[13] A1

[51] **Int.Cl. E04B 1/61 (2006.01) E01C 11/06 (2006.01) E01C 11/14 (2006.01) E04B 1/48 (2006.01)**
[25] EN
[54] **LEAVE-IN-PLACE CONCRETE FORMWORK COMBINING PLATE DOWELS, DIVIDER PLATES, AND/OR FINISHING, ARMORING AND/OR SEALING MOLDING**
[54] **COFFRAGE POUR BETON A LAISSER EN PLACE COMBINANT DES CHEVILLES A DISQUE, DES PLAQUES DE SEPARATION OU UN MOULAGE DE FINITION, DE BLINDAGE OU D'ETANCHEITE**
[72] PARKES, NIGEL K., US
[72] BOXALL, RUSSELL, US
[71] PARKES, NIGEL K., US
[71] BOXALL, RUSSELL, US
[22] 2013-07-18
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[21] **2,824,958**
[13] A1

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[25] EN
[54] **THE SPHINCTER (MALE INCONTINENCE DEVICE)**
[54] **LE SPHINCTER (DISPOSITIF POUR INCONTINENCE MASCULINE)**
[72] GUARDIA, REMO, CA
[71] GUARDIA, REMO, CA
[22] 2013-08-28
[41] 2014-01-16

[21] **2,826,139**
[13] A1

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[25] EN
[54] **APPARATUS FOR THE NON-CONTACT METALLIC CONSTRUCTIONS ASSESSMENT**
[54] **APPAREIL POUR EVALUATION DE CONSTRUCTIONS METALLIQUES SANS CONTACT**
[72] GOROSHEVSKIY, VALERIAN, RU
[72] KAMAIEVA, SVETLANA, RU
[72] KOLESNIKOV, IGOR, RU
[72] IVLEV, LEONID, RU
[71] GOROSHEVSKIY, VALERIAN, RU
[71] KAMAIEVA, SVETLANA, RU
[71] KOLESNIKOV, IGOR, RU
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[41] 2014-01-17
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[21] **2,829,970**
[13] A1

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[25] EN
[54] **A REVERSE OPTICAL PROXIMITY CORRECTION METHOD**
[54] **PROCEDE DE CORRECTION DE LA PROXIMITE OPTIQUE INVERSE**
[72] KURJANOWICZ, WLODEK, CA
[71] SIDENSE CORPORATION, CA
[22] 2013-10-11
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[51] **Int.Cl. A46B 15/00 (2006.01)**
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[54] **ILLUMINATED FLASHING TOOTHBRUSH AND METHOD OF USE**
[54] **BROSSE A DENTS A CLIGNOTEMENT LUMINEUX ET PROCEDE D'UTILISATION**
[72] NANDA, PUNEET, US
[71] DR. FRESH, LLC, US
[85] 2013-03-08
[86] 2011-06-01 (PCT/US2011/038760)
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[13] A1
[51] **Int.Cl. C22B 3/08 (2006.01) C22B 1/02 (2006.01) C22B 3/46 (2006.01) C22B 19/00 (2006.01)**
[25] EN
[54] **HYDROMETALLURGICAL METHOD FOR RECOVERY OF ZINC IN SULPHURIC MEDIUM STARTING FROM SULPHIDIC ZINC CONCENTRATES WITH HIGH IRON CONTENT**
[54] **PROCEDE HYDROMETALLURGIQUE POUR LA RECUPERATION DU ZINC DANS UN MILIEU SULFURIQUE A PARTIR DE CONCENTRES DE ZINC SULFURES A TENEUR EN FER ELEVEE**
[72] TAMARGO GARCIA, FRANCISCO JOSE, ES
[71] TAM 5, S.L., ES
[85] 2013-06-13
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[87] (2821752)

[21] **2,828,159**
[13] A1
[51] **Int.Cl. F21V 13/04 (2006.01) F21L 4/00 (2006.01) G02B 3/08 (2006.01) G02B 17/00 (2006.01)**
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[54] **A KIND OF OPTICAL LENS AND A KIND OF MINER'S HELMET LAMP**
[54] **TYPE DE VERRE OPTIQUE ET TYPE DE LAMPE DE CASQUE DE MINEUR**
[72] JIANG, WENDA, CN
[72] JIANG, JINBO, CN
[71] HUIZHOU LIGHT ENGINE LIMITED, CN
[85] 2013-09-09
[86] 2013-03-05 (PCT/CN2013/072170)
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[30] CN (201210243822.3) 2012-07-13

[21] **2,829,756**
[13] A1
[51] **Int.Cl. C08L 9/02 (2006.01) C08F 236/12 (2006.01) C08K 5/14 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **HIGHLY SATURATED NITRILE RUBBER COMPOSITION AND CROSSLINKED RUBBER**
[54] **COMPOSITION A BASE DE CAOUTCHOUC NITRILE HAUTEMENT SATURE ET CAOUTCHOUC RETICULE**
[72] NAKASHIMA, TOMONORI, JP
[72] SAKAMOTO, MASATO, JP
[71] ZEON CORPORATION, JP
[85] 2013-09-10
[86] 2012-03-29 (PCT/JP2012/058308)
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[21] **2,835,124**
[13] A1
[51] **Int.Cl. H01G 11/84 (2013.01)**
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[54] **METHOD FOR ASSEMBLING A HYBRID LITHIUM SUPERCAPACITOR**
[54] **PROCEDE D'ASSEMBLAGE D'UN SYSTEME ELECTROCHIMIQUE HYBRIDE**
[72] ANOUTI, MERIEM, FR
[72] LEMORDANT, DANIEL, FR
[72] LOTA, GRZEGORZ, PL
[72] DECAUX-MOUEZA, CELINE, FR
[72] RAYMUNDO-PINERO, ENCARNACION, FR
[72] BEGUIN, FRANCOIS, FR
[72] AZAIS, PHILIPPE, FR
[71] UNIVERSITE D'ORLEANS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE FRANCOIS RABELAIS, FR
[71] BLUE SOLUTIONS, FR
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[13] A1
[51] **Int.Cl. H02M 1/10 (2006.01)**
[25] EN
[54] **CONVERTER ASSEMBLY**
[54] **ENSEMBLE CONVERTISSEUR**
[72] LEU, HOLGER, DE
[72] RASIC, ANDREJA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[86] 2012-05-02 (PCT/EP2012/057998)
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[13] A1

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[25] EN

[54] **DETECTING, PREVENTING, AND TREATING BRONCHOPULMONARY DYSPLASIA**

[54] **DETECTION, PREVENTION ET TRAITEMENT DE LA DYSPLASIE BRONCHO-PULMONAIRE**

[72] MARIANI, THOMAS J., US
[72] PRYHUBER, GLORIA S., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2013-11-15
[86] 2012-05-16 (PCT/US2012/038090)
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[13] A1

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[54] **EDIBLE RECEPTACLES FOR FROZEN CONFECTIONS**

[54] **RECEPTACLES COMESTIBLES POUR DES CONFISERIES CONGELEES**

[72] BARTKOWSKA, BEATA, GB
[72] LUCK, RICHARD HENRY, GB
[72] SUN, LINA, CN
[72] NOBLE, DEBORAH JANE, GB
[71] UNILEVER PLC, GB
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[30] EP (11170693.3) 2011-06-21

[21] **2,837,038**
[13] A1

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[25] EN

[54] **AQUEOUS ALCOHOLIC MICROBICIDAL COMPOSITIONS COMPRISING COPPER IONS**

[54] **COMPOSITIONS MICROBICIDES ALCOOLIQUES AQUEUSES CONTENANT DES IONS CUIVRE**

[72] IJAZ, KHALID, US
[72] RUBINO, JOSEPH, US
[72] ZHU, YUN-PENG, US
[71] RECKITT BENCKISER LLC, US
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[13] A1

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[54] **CAPILLARY FLUID FLOW MEASUREMENT AND CAPILLARY FLOW DEVICE THEREFORE**

[54] **MESURE D'ECOULEMENT CAPILLAIRE DE FLUIDE ET DISPOSITIF A ECOULEMENT CAPILLAIRE POUR CELLE-CI**

[72] WILLIAMSON, IAN, GB
[72] ALLEN, GERALD JOHN, GB
[71] CARCLO TECHNICAL PLASTICS LIMITED, GB
[85] 2013-11-21
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[30] GB (1109203.8) 2011-06-01
[30] GB (1114585.1) 2011-08-23

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[13] A1

[51] **Int.Cl. A61K 31/045 (2006.01) A23L 1/30 (2006.01) A23L 1/303 (2006.01) A61K 31/07 (2006.01) A61P 27/02 (2006.01)**

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[54] **IMPROVEMENTS IN OR RELATING TO VISUAL PERFORMANCE AND/OR MACULAR PIGMENTATION**

[54] **PERFECTIONNEMENTS A OU RELATIFS A DES PERFORMANCES VISUELLES ET/OU A UNE PIGMENTATION MACULAIRE**

[72] NOLAN, JOHN, IE
[72] BEATTY, STEPHEN, IE
[72] LOUGHMAN, JAMES, IE
[72] HOWARD, ALAN, GB
[72] THURNHAM, DAVID, GB
[71] HOWARD FOUNDATION HOLDINGS LTD, GB
[85] 2013-11-21
[86] 2012-07-05 (PCT/GB2012/051567)
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[30] GB (1207922.4) 2012-05-05
[30] GB (1207923.2) 2012-05-05

[21] **2,837,051**
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01)**

[25] EN

[54] **METHOD OF PROCESSING SEISMIC DATA BY PROVIDING SURFACE OFFSET COMMON IMAGE GATHERS**

[54] **PROCEDE DE TRAITEMENT DE DONNEES SISMIQUES PAR REALISATION DE RASSEMBLEMENTS D'IMAGES COMMUNES A DECALAGE DE SURFACE**

[72] BAINA, REDA, FR
[72] NICOLETIS, LAURENCE, FR
[72] GIBOLI, MATTEO, FR
[71] TOTAL SA, FR
[85] 2013-11-21
[86] 2011-05-23 (PCT/IB2011/001585)
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[13] A1

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[25] EN

[54] **AGRICULTURAL OR HORTICULTURAL FUNGICIDE COMPOSITION AND METHOD FOR CONTROLLING PLANT PATHOGEN**

[54] **COMPOSITION FONGICIDE AGRICOLE OU HORTICOLE ET PROCEDE DE LUTTE CONTRE UN PATHOGENE DE PLANTE**

[72] SUGIMOTO, KOJI, JP
[72] SUZUKI, TAKANORI, JP
[72] YAMAMOTO, KOUDAI, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP

[85] 2013-11-21
[86] 2012-05-25 (PCT/JP2012/064253)
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[13] A1

[51] **Int.Cl. H04W 16/26 (2009.01) H04W 36/08 (2009.01)**

[25] EN

[54] **MOBILE COMMUNICATION METHOD, RELAY NODE, AND WIRELESS BASE STATION**

[54] **PROCEDE DE COMMUNICATION MOBILE, NŃUD DE RELAIS ET STATION DE BASE SANS FIL**

[72] TAKAHASHI, HIDEAKI, JP
[72] HAPSARI, WURI ANDARMAWANTI, JP
[72] IWAMURA, MIKIO, JP
[71] NTT DOCOMO, INC., JP

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[21] **2,837,545**
[13] A1

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[25] EN

[54] **RUBBER COMPOSITION AND TIRE**

[54] **COMPOSITION DE CAOUTCHOUC ET PNEU**

[72] KUWAHARA, SHIGENAO, JP
[72] HIRATA, KEI, JP
[72] KODA, DAISUKE, JP
[71] AMYRIS, INC., US
[71] KURARAY CO., LTD., JP

[85] 2013-11-27
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[87] (WO2013/047347)
[30] JP (2011-218119) 2011-09-30
[30] JP (2012-039412) 2012-02-24

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[13] A1

[51] **Int.Cl. C08L 7/00 (2006.01) B60C 1/00 (2006.01) C08F 136/22 (2006.01) C08K 3/04 (2006.01) C08L 47/00 (2006.01)**

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[54] **RUBBER COMPOSITION AND TIRE**

[54] **COMPOSITION DE CAOUTCHOUC ET PNEU**

[72] KUWAHARA, SHIGENAO, JP
[72] HIRATA, KEI, JP
[72] KODA, DAISUKE, JP
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[71] KURARAY CO., LTD., JP

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[13] A1

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[25] EN

[54] **FINE BUBBLE ELECTROLYZED WATER GENERATING APPARATUS AND METHOD FOR GENERATING FINE BUBBLE ELECTROLYZED WATER**

[54] **DISPOSITIF DE GENERATION D'EAU ELECTROLYSEE A MICROBULLES ET PROCEDE DE GENERATION D'EAU ELECTROLYSEE A MICROBULLES**

[72] NAKAMOTO, YOSHINORI, JP
[71] TECH CORPORATION CO., LTD., JP

[85] 2013-11-27
[86] 2013-05-24 (PCT/JP2013/003297)
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[30] JP (2012-118979) 2012-05-24
[30] JP (2013-043350) 2013-03-05

[21] **2,837,561**
[13] A1

[51] **Int.Cl. H01Q 13/08 (2006.01) H01Q 1/24 (2006.01) H01Q 9/04 (2006.01)**

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[54] **ANTENNA STRUCTURE**

[54] **STRUCTURE D'ANTENNE**

[72] LEE, YOUNG-JU, KR
[72] KIM, BYUNG-CHUL, KR
[72] PARK, JUNG-MIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2013-11-27
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[30] KR (10-2011-0112501) 2011-10-31

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[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/86 (2006.01) A61B 17/92 (2006.01) A61F 2/44 (2006.01)**

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[54] **COMPRESSION-DISTRACTION SPINAL FIXATION SYSTEM AND KIT**

[54] **SYSTEME DE FIXATION DE COLONNE VERTEBRALE PAR COMPRESSION-DISTRACTION ET TROUSSE**

[72] KRETZER, RYAN M., US
[72] CUNNINGHAM, BRYAN W., US
[72] GORDON, JEFFREY D., US
[71] NEURAXIS TECHNOLOGIES LLC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2013-11-27
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[30] US (61/490,851) 2011-05-27
[30] US (13/176,594) 2011-07-05

[21] **2,837,700**
[13] A1

[51] **Int.Cl. H01Q 1/00 (2006.01)**

[25] EN

[54] **ANTENNA OPTIMIZATION DEPENDENT ON USER CONTEXT**

[54] **OPTIMISATION D'ANTENNE EN FONCTION D'UN CONTEXTE D'UTILISATEUR**

[72] DONALDSON, THOMAS A., GB
[71] ALIPHCOM, US
[85] 2013-08-06
[86] 2012-02-02 (PCT/US2012/023680)
[87] (WO2012/106547)
[30] US (61/439,742) 2011-02-04

[21] **2,837,702**
[13] A1

[51] **Int.Cl. F16K 11/072 (2006.01) F16K 11/074 (2006.01) F16K 11/076 (2006.01)**

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[54] **ROTARY DISTRIBUTION APPARATUS**

[54] **APPAREIL DE DISTRIBUTION ROTATIF**

[72] JENSEN, CRAIG, ZA
[72] SMITH, LEON, ZA
[71] TONGAAT HULETT LIMITED, ZA
[85] 2013-11-28
[86] 2012-06-22 (PCT/IB2012/053167)
[87] (WO2013/001428)
[30] ZA (2011/04747) 2011-06-27

[21] **2,837,703**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07C 69/604 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION COMPRISING AMIDE DERIVATIVE INHIBITING THE GROWTH OF CANCER CELLS AND NON-METALLIC SALT LUBRICANT**

[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN DERIVE D'AMIDE INHIBANT LA CROISSANCE DES CELLULES CANCEREUSES ET UN LUBRIFIANT A BASE D'UN SEL NON METALLIQUE**

[72] KIM, YONG IL, KR
[72] KIM, KYEONG SOO, KR
[72] KIM, JIN CHEUL, KR
[72] KIM, YO HAN, KR
[72] PARK, JAE HYUN, KR
[72] WOO, JONG SOO, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2013-11-28
[86] 2012-05-18 (PCT/KR2012/003970)
[87] (WO2012/169733)
[30] KR (10-2011-0054685) 2011-06-07

[21] **2,837,704**
[13] A1

[51] **Int.Cl. E02F 5/20 (2006.01) E02F 9/00 (2006.01)**

[25] EN

[54] **LEAD SUPPORTING DEVICE OF DRILLING MACHINE**

[54] **DISPOSITIF DE SUPPORT DE CABLE D'UN APPAREIL DE PERFORATION**

[72] IN, SUK SHIN, KR
[71] IN, SUK SHIN, KR
[85] 2013-11-28
[86] 2012-06-07 (PCT/KR2012/004501)
[87] (WO2012/169803)
[30] KR (10-2011-0054434) 2011-06-07

[21] **2,837,706**
[13] A1

[51] **Int.Cl. B01D 35/28 (2006.01)**

[25] EN

[54] **HIGH CAPACITY SUCTION STRAINER FOR AN EMERGENCY CORE COOLING SYSTEM IN A NUCLEAR POWER PLANT**

[54] **CREPINE D'ASPIRATION DE GRANDE CAPACITE POUR UN SYSTEME DE REFROIDISSEMENT DE CŒUR D'URGENCE DANS UNE CENTRALE NUCLEAIRE**

[72] ANDERSEN, CHARLES, US
[72] WOLBERT, EDWARD, US
[72] HAWKINS, NICHOLAS, US
[71] TRANSCO PRODUCTS INC., US
[85] 2013-11-28
[86] 2012-05-09 (PCT/US2012/037019)
[87] (WO2012/166307)
[30] US (61/492,258) 2011-06-01
[30] US (61/537,988) 2011-09-22

[21] **2,837,707**
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01)**

[25] EN

[54] **DEICING COMPOSITION**

[54] **COMPOSITION DE DEGIVRAGE**

[72] DEMMER, RENE LODEWIJK MARIA, NL
[72] MASLOW, WASIL, NL
[72] DE JONG, EDWIN RONALD, NL
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2013-11-28
[86] 2012-06-05 (PCT/EP2012/060542)
[87] (WO2012/168205)
[30] EP (11169044.2) 2011-06-08
[30] US (61/494,554) 2011-06-08
[30] EP (11188479.7) 2011-11-09

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[21] **2,837,708**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/16 (2006.01)**

[25] EN

[54] **HYDROCARBON RECOVERY THROUGH GAS PRODUCTION CONTROL FOR NONCONDENSABLE SOLVENTS OR GASES**

[54] **RECUPERATION D'HYDROCARBURES PAR UNE REGULATION DE PRODUCTION DE GAZ POUR DES SOLVANTS OU GAZ NON CONDENSABLES**

[72] NASR, TAWFIK N., US

[72] WHEELER, THOMAS J., US

[71] CONOCOPHILLIPS COMPANY, US

[85] 2013-11-28

[86] 2012-05-15 (PCT/US2012/037940)

[87] (WO2012/170157)

[30] US (61/494,226) 2011-06-07

[21] **2,837,711**
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01)**

[25] EN

[54] **DEICING COMPOSITION**

[54] **COMPOSITION DE DEGIVRAGE**

[72] DE JONG, EDWIN RONALD, NL

[72] MASLOW, WASIL, NL

[72] DEMMER, RENE LODEWIJK MARIA, NL

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2013-11-28

[86] 2012-06-05 (PCT/EP2012/060543)

[87] (WO2012/168206)

[30] EP (11169045.9) 2011-06-08

[30] US (61/494,634) 2011-06-08

[21] **2,837,750**
[13] A1

[51] **Int.Cl. B62D 21/10 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN HEAVY GOODS VEHICLES**

[54] **AMELIORATIONS APORTEES A DES POIDS-LOURDS**

[72] LANE, ROGER MICHAEL, GB

[72] SAYERS, JONATHAN ALAN, GB

[72] HOPKINS, MARK, GB

[72] COLLINS, DAVID ANTHONY, GB

[72] BRIDDEN, PAUL MARK, GB

[71] DENNIS EAGLE LIMITED, GB

[85] 2013-08-29

[86] 2012-03-02 (PCT/GB2012/000213)

[87] (WO2012/117225)

[30] GB (1103695.1) 2011-03-03

[21] **2,837,754**
[13] A1

[51] **Int.Cl. B26F 3/02 (2006.01) B31B 21/74 (2006.01) B65H 35/04 (2006.01) B65H 35/10 (2006.01)**

[25] EN

[54] **CORE PIN BAG DISPENSER**

[54] **DISTRIBUTEUR DE SACHETS A PIVOTS DE NOYAU**

[72] TAN, DANIEL BRIAN, US

[71] TAN, DANIEL BRIAN, US

[85] 2013-11-28

[86] 2011-06-29 (PCT/US2011/042429)

[87] (WO2012/166157)

[30] US (13/151,228) 2011-06-01

[21] **2,837,756**
[13] A1

[51] **Int.Cl. G02C 7/08 (2006.01)**

[25] EN

[54] **ELECTRO-ACTIVE LENSES INCLUDING THIN GLASS SUBSTRATES**

[54] **LENTILLES ELECTRO-ACTIVES COMPRENANT DES SUBSTRATS EN VERRE MINCE**

[72] BLUM, RONALD D., US

[72] KOKONASKI, WILLIAM, US

[72] IYER, VENKATRAMANI, US

[72] GUPTA, AMITAVA, US

[71] PIXELOPTICS, INC., US

[85] 2013-11-28

[86] 2012-06-04 (PCT/US2012/040811)

[87] (WO2012/167284)

[30] US (61/492,433) 2011-06-02

[30] US (61/494,637) 2011-06-08

[30] US (61/513,708) 2011-08-01

[21] **2,837,757**
[13] A1

[51] **Int.Cl. A61L 2/16 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR REDUCING A TRANSFER OF MICROORGANISMS BY MANUAL CONTACT**

[54] **DISPOSITIF ET PROCEDE DE REDUCTION DE TRANSFERT DE MICRO-ORGANISMES PAR CONTACT MANUEL**

[72] OLSEN, DOUGLAS GLENN, CA

[71] OUTBREAKER SOLUTIONS INC., CA

[85] 2013-11-28

[86] 2011-06-16 (PCT/CA2011/000710)

[87] (WO2012/171092)

[21] **2,837,762**
[13] A1

[51] **Int.Cl. H02G 3/04 (2006.01) H02G 3/32 (2006.01)**

[25] EN

[54] **CABLE HOLDING ELEMENT**

[54] **ELEMENT SUPPORT DE CABLE**

[72] WINKLER, HEINZ, AT

[71] NOVOMATIC AG, AT

[85] 2013-11-28

[86] 2012-06-06 (PCT/EP2012/060739)

[87] (WO2012/168320)

[30] EP (11450072.1) 2011-06-08

[21] **2,837,763**
[13] A1

[51] **Int.Cl. B02C 13/14 (2006.01) B02C 13/20 (2006.01) B02C 13/282 (2006.01)**

[25] EN

[54] **DEVICE FOR MECHANICAL SEPARATION OF CONGLOMERATES FROM MATERIALS OF DIFFERENT DENSITIES AND/OR CONSISTENCIES**

[54] **DISPOSITIF DE DESAGREGATION MECANIQUE DE CONGLOMERATS COMPOSES DE MATERIAUX DE DENSITE ET/OU DE CONSISTANCE DIFFERENTE**

[72] GRONHOLZ, CLAUS, DE

[71] TARTECH ECO INDUSTRIES AG, DE

[85] 2013-11-29

[86] 2012-04-04 (PCT/EP2012/001603)

[87] (WO2012/171597)

[30] DE (10 2011 050 789.2) 2011-06-01

[21] **2,837,764**
[13] A1

[51] **Int.Cl. C07C 51/00 (2006.01) C07C 53/02 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING FORMIC ACID**

[54] **PROCEDE DE PREPARATION D'ACIDE FORMIQUE**

[72] FACHINETTI, GIUSEPPE, IT

[72] PRETI, DEBORA, IT

[71] BASF SE, DE

[85] 2013-11-28

[86] 2012-06-08 (PCT/EP2012/060845)

[87] (WO2012/168396)

[30] EP (11169224.0) 2011-06-09

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[21] **2,837,767**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 38/10 (2006.01) C07K 7/08 (2006.01) C07K 16/18 (2006.01)**

[25] EN
[54] **CETP FRAGMENTS**
[54] **FRAGMENTS DE CETP**
[72] BRUNNER, SYLVIA, AT
[72] GEBHART, MATHIAS, AT
[72] BILCIKOVA, ERIKA, SK
[72] JUNO, CLAUDIA, AT
[72] LINZMAYER-HIRT, POLA, AT
[72] SCHUH, BIRGIT, AT
[71] AFFIRIS AG, AT
[85] 2013-11-28
[86] 2012-06-11 (PCT/EP2012/061038)
[87] (WO2012/168486)
[30] EP (11169481.6) 2011-06-10

[21] **2,837,779**
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 12/08 (2009.01) H04W 92/08 (2009.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING IDENTITY INFORMATION AFTER A SIM SWAP**
[54] **SYSTEME ET PROCEDE POUR GERER DES DONNEES D'IDENTITE APRES PERMUTATION D'UNE CARTE SIM**
[72] MARKOV, NIKOLAY TZANKOV, CA
[72] BUKURAK, DAVID, CA
[72] CANTON, RAYMOND LEE, CA
[72] CHIDAMBARAM, AVINASH, CA
[72] PANEZIC, ALAN, CA
[71] BLACKBERRY LIMITED, CA
[85] 2013-11-29
[86] 2012-06-01 (PCT/CA2012/050371)
[87] (WO2012/162841)
[30] US (61/492,252) 2011-06-01
[30] US (13/250,830) 2011-09-30

[21] **2,837,780**
[13] A1

[51] **Int.Cl. B28B 7/22 (2006.01) B28B 7/00 (2006.01) B28B 17/00 (2006.01) B28B 21/02 (2006.01) B28B 21/82 (2006.01) B28B 23/00 (2006.01) E04H 12/12 (2006.01) F03D 11/04 (2006.01) G01B 11/24 (2006.01)**

[25] EN
[54] **METHOD FOR PRODUCING A TOWER SEGMENT OF A CONCRETE TOWER OF A WIND ENERGY INSTALLATION**
[54] **PRODUCTION D'UNE TOUR**
[72] KAPITZA, JAN, DE
[72] ALBERS, KARSTEN, DE
[72] HORN, GUNTHER, DE
[71] WOBLEN PROPERTIES GMBH, DE
[85] 2013-11-28
[86] 2012-06-14 (PCT/EP2012/061333)
[87] (WO2012/175406)
[30] DE (10 2011 078 016.5) 2011-06-22

[21] **2,837,781**
[13] A1

[51] **Int.Cl. A01N 61/02 (2006.01) A01N 25/30 (2006.01) A01P 3/00 (2006.01)**

[25] EN
[54] **DELIVERY OF PARAFFINIC OIL-CONTAINING COMPOSITIONS TO ROOT TISSUE OF PLANTS**
[54] **ADMINISTRATION DE COMPOSITIONS CONTENANT DE L'HUILE PARAFFINIQUE EN DIRECTION DU TISSU RACINAIRE DE PLANTES**
[72] FEFER, MICHAEL, CA
[72] LIU, JUN, CA
[71] SUNCOR ENERGY INC., CA
[85] 2013-11-29
[86] 2012-06-13 (PCT/CA2012/050401)
[87] (WO2012/171126)
[30] US (61/496,500) 2011-06-13

[21] **2,837,782**
[13] A1

[51] **Int.Cl. C07D 307/46 (2006.01) C10G 1/00 (2006.01)**

[25] EN
[54] **METHOD FOR DEHYDRATING A CARBOHYDRATE-COMPRISING COMPOSITION**
[54] **PROCEDE POUR LA DESHYDRATATION D'UNE COMPOSITION COMPRENANT UN GLUCIDE**
[72] KINDLER, ALOIS, DE
[72] MASSONNE, KLEMENS, DE
[71] BASF SE, DE
[85] 2013-11-28
[86] 2012-06-21 (PCT/EP2012/061909)
[87] (WO2012/175584)
[30] EP (11170998.6) 2011-06-22

[21] **2,837,783**
[13] A1

[51] **Int.Cl. B26B 25/00 (2006.01)**

[25] EN
[54] **GRIP-TYPE CUTTER KNIFE**
[54] **COUPEAU DE COUPE DU TYPE A POIGNEE**
[72] ROTH, HARALD, DE
[72] LUBE, BEATE, DE
[72] WEBER, NORBERT, DE
[72] WICK, ERICH, DE
[71] JT INTERNATIONAL S.A., CH
[85] 2013-11-29
[86] 2012-05-18 (PCT/EP2012/059296)
[87] (WO2012/163703)
[30] EP (11168415.5) 2011-06-01

[21] **2,837,784**
[13] A1

[51] **Int.Cl. C08B 31/12 (2006.01) A61K 31/295 (2006.01) A61K 33/26 (2006.01) A61K 47/36 (2006.01) A61K 47/48 (2006.01) C08B 31/18 (2006.01)**

[25] EN
[54] **METHOD FOR MANUFACTURING HYDROXYETHYL STARCH DERIVATIVES**
[54] **PROCEDE DE FABRICATION DE DERIVES D'AMIDON HYDROXYETHYLE**
[72] ZIMMERMANN, WERNER, DE
[72] LUKOWCZYK, JAN, DE
[71] SERUMWERK BERNBURG AG, DE
[85] 2013-11-28
[86] 2012-06-21 (PCT/EP2012/061958)
[87] (WO2012/175608)
[30] EP (11170761.8) 2011-06-21

Demandes PCT entrant en phase nationale

[21] **2,837,785**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **MEANS AND METHODS TO INDUCE APOMIXIS IN PLANTS**
[54] **MOYENS ET PROCEDES POUR INDUIRE L'APOMIXIE CHEZ LES PLANTES**
[72] CORRAL, JOSE M., DE
[72] SHARBEL, TIMOTHY, DE
[71] LEIBNIZ-INSTITUT FÜR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG GÄTERSLEBEN (IPK), DE
[85] 2013-11-29
[86] 2012-05-25 (PCT/EP2012/059808)
[87] (WO2012/163818)
[30] EP (11168075.7) 2011-05-30

[21] **2,837,787**
[13] A1

[51] **Int.Cl. A61K 31/7004 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION, METHODS FOR TREATING AND USES THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE, PROCEDES DESTINES A UN TRAITEMENT ET LEURS UTILISATIONS**
[72] BROEDL, ULI, DE
[72] VON EYNATTEN, MAXIMILIAN, DE
[72] JOHANSEN, ODD-ERIK, DE
[72] KLEIN, THOMAS, DE
[72] LUIPPOLD, GERD, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2013-11-28
[86] 2012-07-03 (PCT/EP2012/062922)
[87] (WO2013/007557)
[30] US (61/505,598) 2011-07-08

[21] **2,837,788**
[13] A1

[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] EN
[54] **AN X-RAY TOMOGRAPHY DEVICE**
[54] **DISPOSITIF DE TOMOGRAPHIE A RAYONS X**
[72] CREUX, PATRICE, FR
[72] HAMON, GERALD, FR
[71] TOTAL SA, FR
[71] UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, FR
[85] 2013-11-29
[86] 2012-06-01 (PCT/EP2012/060439)
[87] (WO2012/164090)
[30] US (61/492 268) 2011-06-01
[30] US (61/492 272) 2011-06-01

[21] **2,837,789**
[13] A1

[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] EN
[54] **AN X-RAY TOMOGRAPHY DEVICE**
[54] **DISPOSITIF DE TOMOGRAPHIE A RAYONS X**
[72] CREUX, PATRICE, FR
[72] HAMON, GERALD, FR
[71] TOTAL SA, FR
[71] UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, FR
[85] 2013-11-29
[86] 2012-06-01 (PCT/EP2012/060440)
[87] (WO2012/164091)
[30] US (61/492 272) 2011-06-01
[30] US (61/492 268) 2011-06-01

[21] **2,837,790**
[13] A1

[51] **Int.Cl. C08L 53/00 (2006.01) C09D 153/00 (2006.01)**
[25] EN
[54] **FORMULATION**
[54] **FORMULATION**
[72] MULQUEEN, PATRICK JOSEPH, GB
[72] THOMSON, NIALL RAE, GB
[72] BIGGS, SIMON RICHARD, GB
[72] CHAGNEUX, NELLY, FR
[72] DUBOIS, MATHIEU EDMOND RENE, GB
[72] SARKER, PRODIP, GB
[72] SCANLON, SHANE, GB
[71] SYNGENTA LIMITED, GB
[85] 2013-11-28
[86] 2012-07-03 (PCT/EP2012/062943)
[87] (WO2013/004704)
[30] GB (1111439.4) 2011-07-04

[21] **2,837,791**
[13] A1

[51] **Int.Cl. A61B 6/03 (2006.01) G01N 23/04 (2006.01)**
[25] EN
[54] **AN X-RAY TOMOGRAPHY DEVICE**
[54] **DISPOSITIF DE TOMOGRAPHIE A RAYONS X**
[72] PFEIFFER, FRANZ, DE
[72] CREUX, PATRICE, FR
[72] HAMON, GERALD, FR
[71] TOTAL SA, FR
[71] UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, FR
[85] 2013-11-29
[86] 2012-06-01 (PCT/EP2012/060441)
[87] (WO2012/164092)
[30] US (61/492,273) 2011-06-01
[30] US (61/492,268) 2011-06-01

[21] **2,837,793**
[13] A1

[51] **Int.Cl. C07C 67/00 (2006.01) C07C 69/06 (2006.01) C07C 231/10 (2006.01) C07C 233/03 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FORMAMIDES AND FORMIC ACID ESTERS**
[54] **PROCEDE PERMETTANT DE FABRIQUER DES FORMAMIDES ET DES ESTERS D'ACIDE FORMIQUE**
[72] SCHAUB, THOMAS, DE
[72] PACIELLO, ROCCO, DE
[72] PAZICKY, MAREK, DE
[72] FACHINETTI, GIUSEPPE, IT
[72] PRETI, DEBORA, IT
[71] BASF SE, DE
[85] 2013-11-28
[86] 2012-07-24 (PCT/EP2012/064508)
[87] (WO2013/014160)
[30] EP (11175625.0) 2011-07-27

[21] **2,837,795**
[13] A1

[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **A REFUSE COLLECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COLLECTE DES ORDURES**
[72] MCSWEENEY, PAUL TERENCE, IE
[71] ZEROBIN GROUP LIMITED, IE
[85] 2013-11-29
[86] 2012-06-01 (PCT/EP2012/060452)
[87] (WO2012/164098)
[30] GB (1109363.0) 2011-06-03

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[21] **2,837,796**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/83 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR THE CAPTURE OF CO₂ BY CAO CARBONATION AND FOR MAINTAINING SORBENT ACTIVITY**

[54] **DISPOSITIF ET PROCEDE PERMETTANT LA CAPTURE DE CO₂ PAR CARBONATATION DE CAO**

[72] ABANADES GARCIA, JUAN CARLOS, ES

[72] ARIAS ROZADA, BORJA, ES

[72] GRASA ADIEGO, GEMMA, ES

[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES

[71] ENDESA GENERATION, S.A., ES

[71] HULLERAS DEL NORTE, S.A., ES

[71] FOSTER WHEELER ENERGIA, S.A.U., ES

[85] 2013-11-28

[86] 2012-06-07 (PCT/ES2012/070426)

[87] (WO2013/021082)

[30] ES (P201131062) 2011-06-24

[21] **2,837,797**
[13] A1

[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/5355 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **[1,3]OXAZINES**

[54] **[1,3]OXAZINES**

[72] BORRONI, EDILIO, CH

[72] GOBBI, LUCA, CH

[72] HILPERT, HANS, CH

[72] HONER, MICHAEL, CH

[72] MURI, DIETER, CH

[72] NARQUIZIAN, ROBERT, FR

[72] POLARA, ALESSANDRA, CH

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

[85] 2013-11-29

[86] 2012-06-04 (PCT/EP2012/060476)

[87] (WO2012/168175)

[30] EP (11168953.5) 2011-06-07

[21] **2,837,800**
[13] A1

[51] **Int.Cl. A23L 1/212 (2006.01) A23L 1/01 (2006.01) A23L 1/224 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING DEHYDRATED SAUTEED VEGETABLE PIECES**

[54] **PROCEDE DE PREPARATION DE MORCEAUX DE LEGUMES SAUTES DESHYDRATES**

[72] JESSBERGER, SONJA ERIKA, DE

[72] MONNINGHOFF, JULIA, DE

[72] SCHMID, HERMANN, DE

[72] SPRAUL, MARTIN HELMUT, DE

[71] UNILEVER PLC, GB

[85] 2013-11-29

[86] 2012-06-04 (PCT/EP2012/060491)

[87] (WO2012/175318)

[30] EP (11170886.3) 2011-06-22

[21] **2,837,802**
[13] A1

[51] **Int.Cl. B67B 7/06 (2006.01)**

[25] EN

[54] **A CORK REMOVER FOR A BOTTLE CONTAINING SPARKLING LIQUID.**

[54] **TIRE-BOUCHON POUR BOUTEILLE CONTENANT UN LIQUIDE PETILLANT**

[72] VAN DEN BREMT, YVAN, BE

[71] PROMECO, BE

[85] 2013-11-29

[86] 2012-06-07 (PCT/EP2012/060798)

[87] (WO2012/168362)

[30] EP (11168885.9) 2011-06-07

[21] **2,837,803**
[13] A1

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[54] **METHOD FOR COATING A CATALYSED PARTICULATE FILTER AND A PARTICULATE FILTER**

[54] **PROCEDE DE REVETEMENT D'UN FILTRE A PARTICULES CATALYSE ET FILTRE A PARTICULES**

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[72] JOHANSEN, KELD, DK

[71] HALDOR TOPSOE A/S, DK

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[54] **DIMERIC BINDING PROTEINS BASED ON MODIFIED UBIQUITINS**

[54] **PROTEINES LIANTES DIMERES OBTENUES A PARTIR D'UBIQUITINES MODIFIEES**

[72] NERKAMP, JOERG, DE

[72] BOSSE-DOENECKE, EVA, DE

[72] STEUERNAGEL, ARND, DE

[72] FIEDLER, ULRIKE, DE

[72] FIEDLER, MARKUS, DE

[71] SCIL PROTEINS GMBH, DE

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[54] **A TRANSGENIC SYSTEM FOR REVERSIBLY IMMORTALIZING MAMMALIAN QUIESCENT CELLS**

[54] **SYSTEME TRANSGENIQUE POUR L'IMMORTALISATION REVERSIBLE DES CELLULES MAMMIFERES QUIESCENTES**

[72] MILLER, ALAIN, BE

[71] CILBIOTECH S.A., BE

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[54] **SOFT PALATE SUPPORT HAVING LAYERED STRUCTURE AND IMPLANTING METHOD**
[54] **SUPPORT POUR PALAIS MOU AYANT UNE STRUCTURE STRATIFIEE ET PROCEDE D'IMPLANTATION ASSOCIE**
[72] ZHANG, XIANGMIN, CN
[72] ZHOU, XING, CN
[71] ZHANG, XIANGMIN, CN
[71] ZHOU, XING, CN
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[54] **CLOUD SUBSCRIPTION DOWNLOAD METHOD AND SYSTEM, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE ET SYSTEME DE TELECHARGEMENT A ABONNEMENT EN NUAGE ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] LIU, GANG, CN
[72] ZHU, CHENYUAN, CN
[72] JI, ZUFENG, CN
[72] HUANG, YAN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **CAPSULE FOR PRESSURISED DRINK EXTRACTION**
[54] **CAPSULE POUR L'EXTRACTION D'UNE BOISSON SOUS PRESSION**
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[54] **COATING COMPOSITIONS INCLUDING MAGNESIUM HYDROXIDE AND RELATED COATED SUBSTRATES**
[54] **COMPOSITIONS DE REVETEMENT CONTENANT DE L'HYDROXYDE DE MAGNESIUM ET SUBSTRATS REVETUS ASSOCIES**
[72] ABRAMI, SIAMANTO, US
[72] TANG, GUANGLIANG, US
[72] TIPON, POLYAMIE, US
[71] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2013-11-28
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[54] **MEMBRANES A HAUTE TENEUR EN EAU**
[72] MALCOLMSON, RYAN, GB
[72] GREENHALGH, DANIEL, GB
[71] ITM POWER (RESEARCH) LIMITED, GB
[85] 2013-11-29
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[54] **PROCESS FOR PRODUCING GRAPHENE**
[54] **PROCEDE POUR LA PRODUCTION DE GRAPHENE**
[72] COLEMAN, KARL, GB
[71] APPLIED GRAPHINE MATERIALS UK LIMITED, GB
[85] 2013-11-29
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[54] **DEVICE FOR CONNECTION BETWEEN A RECIPIENT AND A CONTAINER AND METHOD FOR ASSEMBLING AND USING SUCH A DEVICE**
[54] **DISPOSITIF DE CONNEXION ENTRE UN RECIPIENT ET UN CONTENANT, PROCEDE D'ASSEMBLAGE ET D'UTILISATION D'UN TEL DISPOSITIF**
[72] ANEAS, ANTOINE, FR
[71] BIOCORP RECHERCHE ET DEVELOPPEMENT, FR
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[54] **SYSTEM AND METHOD FOR TRACEABILITY OF AN INSTRUMENTATION SYSTEM**

[54] **SYSTEME ET PROCEDE DE TRACABILITE D'UN SYSTEME D'INSTRUMENTATION CHIRURGICALE**

[72] DUMOUCHEL, PIERRE, FR

[71] SAFE ORTHOPAEDICS, FR

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[54] **METHODS AND COMPOSITIONS FOR TREATING A SUBJECT FOR CENTRAL NERVOUS SYSTEM (CNS) INJURY**

[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UN SUJET POUR UNE LESION DU SYSTEME NERVEUX CENTRAL (SNC)**

[72] CARMICHAEL, STANLEY T., US

[72] MODY, ISTVAN, US

[72] HUANG, BEN, US

[72] CLARKSON, ANDREW N., NZ

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

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[54] **ELEMENT DE TURBOMACHINE**

[72] PESTEIL, AGNES, FR

[72] PERROT, VINCENT, FR

[72] BONIFACE, JEAN-CHRISTOPHE GERARD ROGER, FR

[71] SNECMA, FR

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[54] **1-PIPERAZINO-3-PHENYLINDANES DEUTERES POUR LE TRAITEMENT DE LA SCHIZOPHRENIE**

[72] JORGENSEN, MORTEN, DK

[72] ANDERSEN, PETER HONGAARD, DK

[72] JENSEN, KLAUS GJERVIG, DK

[72] HVENEGAARD, METTE GRAULUND, DK

[72] BADOLO, LASSINA, DK

[72] JACOBSEN, MIKKEL FOG, DK

[71] H. LUNDBECK A/S, DK

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[51] **Int.Cl. C23C 8/02 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C21D 7/06 (2006.01) C23C 8/32 (2006.01) C23C 8/38 (2006.01)**

[25] FR

[54] **SURFACE TREATMENT OF A METAL PART**

[54] **TRAITEMENT DE SURFACE D'UNE PIECE METALLIQUE**

[72] PREZEAU, TONY, FR

[72] MULLER, TEDDY, FR

[72] BARON, MICHEL, FR

[72] SAMUEL, JOAN, FR

[72] DRANSART, EMMANUEL, FR

[71] WINOA, FR

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[51] **Int.Cl. F16J 15/12 (2006.01) B60J 10/00 (2006.01)**

[25] EN

[54] **TRIMMING FRAMEWORK, MANUFACTURING METHOD AND ASSOCIATED DEVICE**

[54] **STRUCTURE D'HABILLAGE, PROCEDE DE FABRICATION ET DISPOSITIF ASSOCIE**

[72] MARTINETTO, FILIBERTO, IT

[71] FILMAR S.R.L., IT

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[21] **2,837,823**
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/06 (2006.01)**

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[54] **METHODS FOR PREVENTING AND TREATING MOTOR-RELATED NEUROLOGICAL CONDITIONS**

[54] **PROCEDES POUR PREVENIR ET TRAITER DES ETATS NEUROLOGIQUES LIES A LA FONCTION MOTRICE**

[72] WILLIS, GREGORY LYNN, AU

[71] CLARENCEW PTY. LTD, AU

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[54] **POSTER HOLDER**
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[72] BRONZONI, PIER LUIGI, IT
[71] NEW RAINBOW S.N.C., IT
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[72] RHAD, EDWARD A., US
[72] HIBNER, JOHN A., US
[72] NOCK, ANDREW P., US
[72] MOORE, KYLE P., US
[71] DEVICOR MEDICAL PRODUCTS, INC., US
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[25] FR
[54] **NONIONIC ASSOCIATIVE THICKENERS CONTAINING CYCLOHEXYL OL ALKYLs, FORMULATIONS CONTAINING SAME AND USES THEREOF**
[54] **EPAISSISSANTS NON IONIQUES ASSOCIATIFS CONTENANT DES ALKYLs CYCLOHEXYLOLS, FORMULATIONS LES CONTENANT ET LEURS UTILISATIONS**
[72] SUAU, JEAN-MARC, FR
[72] RUHLMANN, DENIS, FR
[71] COATEX, FR
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[54] **WIND TURBINE BLADE AND RELATED METHOD OF MANUFACTURE**
[54] **PALE D'EOLIENNE ET PROCEDE DE FABRICATION AFFERENT**
[72] PELTOLA, ESA, FI
[72] VUOMAJOKI, PAULI, FI
[72] WALLENIS, TOMAS, FI
[72] HUUHTANEN, RAIMO, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT, FI
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[51] **Int.Cl. B64C 11/18 (2006.01) B64C 11/20 (2006.01) B64C 11/30 (2006.01) B64C 11/48 (2006.01) F02K 3/02 (2006.01)**
[25] FR
[54] **BLADE, PARTICULARLY VARIABLE-PITCH BLADE, PROPELLOR COMPRISING SUCH BLADES AND CORRESPONDING TURBOMACHINE**
[54] **PALE, EN PARTICULIER A CALAGE VARIABLE, HELICE COMPRENANT DE TELLES PALES, ET TURBOMACHINE CORRESPONDANTE**
[72] PASCAL, SEBASTIEN, FR
[71] SNECMA, FR
[85] 2013-11-29
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[87] (WO2012/175863)
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[51] **Int.Cl. A01D 45/26 (2006.01)**
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[72] ALBARRAN, SERAFIN, US
[72] ALBARRAN, DANIEL, US
[72] ALEJO, JORGE, US
[72] BARAJAS, IGNACIO, US
[72] BASCOU, RICHARD, US
[72] CASTILLO, DENNIS J., US
[72] CORRAL, MAXIMINO, US
[72] FRANS, WHIT, US
[72] DAVIS, FRANK E., US
[72] JENS, STEPHEN C., US
[72] MACHUCA, RAUL, US
[72] MAGANA, MANUEL, US
[72] MEZA, CARLOS, US
[72] VILLASENOR, GABRIEL, US
[72] YOUNG, TERRY, US
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[54] **EXECUTING A START OPERATOR MESSAGE COMMAND**
[54] **EXECUTION D'UNE COMMANDE DE DEBUT DE MESSAGE D'OPERATEUR**
[72] SHAW, THOMAS, US
[72] GOSS, STEVEN NEIL, US
[72] ELKO, DAVID, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-11-29
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[51] **Int.Cl. G06F 11/30 (2006.01)**
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[54] **OPERATOR MESSAGE COMMANDS FOR TESTING A COUPLING FACILITY**
[54] **COMMANDES DE MESSAGE D'OPERATEUR POUR TESTER UN MOYEN DE COUPLAGE**
[72] SHAW, THOMAS, US
[72] GOSS, STEVEN NEIL, US
[72] ELKO, DAVID, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-11-29
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[30] US (13/157,913) 2011-06-10

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[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 9/50 (2006.01)**
[25] EN
[54] **TRANSMITTING OPERATOR MESSAGE COMMANDS TO A COUPLING FACILITY**
[54] **TRANSMISSION DE COMMANDES DE MESSAGE D'OPERATEUR A UN MOYEN DE COUPLAGE**
[72] SHAW, THOMAS, US
[72] GOSS, STEVEN NEIL, US
[72] ELKO, DAVID, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-11-29
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[30] US (13/157,935) 2011-06-10

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[13] A1

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[54] **SYNTHETIC FORMULATIONS AND METHODS OF MANUFACTURING AND USING THEREOF**
[54] **FORMULATIONS SYNTHETIQUES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] RIMAN, RICHARD E., US
[72] NYE, THOMAS E., US
[72] ATAKAN, VAHIT, US
[72] VAKIFAHMETOGLU, CEKDAR, US
[72] LI, QINGHUA, US
[72] LING, TANG, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[87] (WO2012/170667)
[30] US (61/495,152) 2011-06-09

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[13] A1

[51] **Int.Cl. C22B 59/00 (2006.01) C22B 3/26 (2006.01)**
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[54] **SCANDIUM EXTRACTION METHOD**
[54] **PROCEDE D'EXTRACTION DU SCANDIUM**
[72] GOTO, MASAHIRO, JP
[72] KUBOTA, FUKIKO, JP
[72] BABA, YUZO, JP
[71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[86] 2013-02-21 (PCT/JP2013/054419)
[87] (WO2013/136941)
[30] JP (2012-056134) 2012-03-13

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[13] A1

[51] **Int.Cl. F03D 3/06 (2006.01) F03B 7/00 (2006.01) F03B 17/06 (2006.01) F03D 7/06 (2006.01)**
[25] EN
[54] **WIND/WATER TURBINE WITH ROTATIONAL RESISTANCE REDUCED BY WIND VANE BLADE**
[54] **TURBINE EOLIENNE/HYDRAULIQUE AYANT UNE RESISTANCE ROTATIONNELLE REDUITE PAR UNE PALE DE GIROUETTE**
[72] TAMATSU, YOSHIJI, JP
[71] TAMATSU, YOSHIJI, JP
[85] 2013-11-29
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[30] JP (2010-132516) 2010-06-09
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[51] **Int.Cl. F16F 15/02 (2006.01) B60J 5/04 (2006.01) F16F 9/52 (2006.01)**
[25] EN
[54] **EFFECTIVE VIBRATION DAMPING ACROSS A BROAD TEMPERATURE RANGE**
[54] **AMORTISSEMENT EFFICACE DE LA VIBRATION SUR UNE LARGE PLAGE DE TEMPERATURE**
[72] FLENER, MICHAEL, US
[72] GALLAGHER, BRADLEY, US
[72] SEIFFERLEIN, ERIC, US
[72] STOTERA, DAVID, US
[71] HENKEL AG & CO. KGAA, DE
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[30] US (61/495,545) 2011-06-10

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[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01)**
[25] EN
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[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] NISHIMURA, HIDETAKA, JP
[72] ICHIKAWA, YASUSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2013-11-29
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[30] JP (2011-124220) 2011-06-02

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[13] A1

[51] **Int.Cl. G06F 13/37 (2006.01)**
[25] EN
[54] **MANAGING OPERATOR MESSAGE BUFFERS IN A COUPLING FACILITY**
[54] **GESTION DE MEMOIRES TAMPONS DE MESSAGES OPERATEUR DANS UN DISPOSITIF DE COUPLAGE**
[72] SHAW, THOMAS, US
[72] GOSS, STEVEN NEIL, US
[72] ELKO, DAVID, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-11-29
[86] 2012-06-06 (PCT/IB2012/052836)
[87] (WO2012/168866)
[30] US (13/157,918) 2011-06-10

[21] **2,837,840**
[13] A1

[51] **Int.Cl. C07K 7/02 (2006.01) A61K 47/34 (2006.01) A61K 47/48 (2006.01) C08G 2/00 (2006.01) C08L 59/00 (2006.01) C07K 5/10 (2006.01) C07K 17/08 (2006.01)**
[25] EN
[54] **PROTEIN-POLYMER-DRUG CONJUGATES**
[54] **CONJUGUES DE MEDICAMENT-PROTEINE-POLYMERE**
[72] YURKOVETSKIY, ALEKSANDR, US
[72] YIN, MAO, US
[72] LOWINGER, TIMOTHY B., US
[72] THOMAS, JOSHUA D., US
[72] HAMMOND, CHARLES E., US
[72] STEVENSON, CHERI A., US
[72] BODYAK, NATALYA D., US
[72] CONLON, PATRICK R., US
[72] GUMEROV, DMITRY R., US
[71] MERSANA THERAPEUTICS, INC., US
[85] 2013-11-28
[86] 2012-06-11 (PCT/US2012/041931)
[87] (WO2012/171020)
[30] US (61/495,771) 2011-06-10
[30] US (61/501,000) 2011-06-24
[30] US (61/513,234) 2011-07-29
[30] US (61/566,935) 2011-12-05
[30] US (61/605,618) 2012-03-01
[30] US (61/618,499) 2012-03-30

[21] **2,837,841**
[13] A1

[51] **Int.Cl. B60C 27/04 (2006.01)**
[25] EN
[54] **ANTI-SKID DEVICE FOR TIRES**
[54] **DISPOSITIF ANTI-PATINAGE POUR PNEUMATIQUE**
[72] SAKAKIBARA, KOUICHI, JP
[71] SAKAKIBARA, KOUICHI, JP
[85] 2013-11-29
[86] 2012-04-23 (PCT/JP2012/060883)
[87] (WO2013/128659)
[30] JP (2012-042303) 2012-02-28

[21] **2,837,842**
[13] A1

[51] **Int.Cl. E21B 10/60 (2006.01)**
[25] EN
[54] **ROTATIONAL DRILL BITS AND DRILLING APPARATUSES INCLUDING THE SAME**
[54] **FORETS ROTATIFS ET APPAREILS DE PERCAGE COMPRENANT CES DERNIERS**
[72] COX, E. SEAN, US
[72] MYERS, RUSSELL ROY, US
[71] DOVER BMCS ACQUISITION CORPORATION, US
[85] 2013-11-29
[86] 2011-06-03 (PCT/US2011/039139)
[87] (WO2011/153481)
[30] US (12/794,569) 2010-06-04

[21] **2,837,843**
[13] A1

[51] **Int.Cl. C25C 3/14 (2006.01)**
[25] EN
[54] **CRUST BREAKER ALUMINUM BATH DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE BAIN D'ALUMINIUM A PIQUEUR DE CROUTE**
[72] BEAULIEU, GILLES, CA
[71] MAC VALVES, INC., US
[85] 2013-11-28
[86] 2012-06-12 (PCT/US2012/042016)
[87] (WO2012/173966)
[30] US (13/158,933) 2011-06-13

[21] **2,837,844**
[13] A1

[51] **Int.Cl. B01J 23/10 (2006.01) B01D 53/86 (2006.01)**
[25] EN
[54] **COMPLEX OXIDE, METHOD FOR PRODUCING SAME, AND EXHAUST GAS PURIFICATION CATALYST**
[54] **OXYDE COMPLEXE, SON PROCEDE DE PRODUCTION ET CATALYSEUR DE PURIFICATION DES GAZ D'ECHAPPEMENT**
[72] OHTAKE, NAOTAKA, JP
[72] MITSUOKA, KEIICHIRO, JP
[72] YOKOTA, KAZUHIKO, CN
[71] RHODIA OPERATIONS, FR
[85] 2013-11-29
[86] 2012-05-28 (PCT/JP2012/063587)
[87] (WO2012/165363)
[30] JP (2011-123011) 2011-06-01

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[21] **2,837,845**
[13] A1

[51] **Int.Cl. C25C 3/14 (2006.01)**
[25] EN
[54] **PNEUMATIC SYSTEM FOR CONTROLLING ALUMINUM BATH CRUST BREAKER**
[54] **SYSTEME PNEUMATIQUE POUR LA COMMANDE D'UN MARTEAU-PIQUEUR DE BAIN D'ALUMINIUM**
[72] BEAULIEU, GILLES, CA
[71] MAC VALVES, INC., US
[85] 2013-11-28
[86] 2012-06-12 (PCT/US2012/042026)
[87] (WO2012/173974)
[30] US (13/159,006) 2011-06-13

[21] **2,837,846**
[13] A1

[51] **Int.Cl. A47K 3/02 (2006.01) B23P 17/04 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A SIDE DOOR FOR A WALK-IN TUB**
[54] **PROCEDE DE FABRICATION D'UNE PORTE LATERALE POUR UNE BAIGNOIRE A ENTREE EN MARCHANT**
[72] NEIDICH, ANDRE J., US
[72] SITAL, ADDIEL, US
[72] PECK, WILLIAM LANGLEY, US
[71] SAFETY TUBS COMPANY, LLC, US
[85] 2013-11-29
[86] 2011-12-01 (PCT/US2011/062865)
[87] (WO2012/166201)
[30] US (13/150,504) 2011-06-01

[21] **2,837,847**
[13] A1

[51] **Int.Cl. F16J 15/16 (2006.01) F16J 9/00 (2006.01) F16J 9/14 (2006.01)**
[25] EN
[54] **PISTON ROD AND CYLINDER SEAL DEVICE FOR ALUMINUM BATH CRUST BREAKER**
[54] **DISPOSITIF D'ETANCHEITE DE TIGE DE PISTON ET DE VERIN POUR MARTEAU-PIQUEUR DE BAIN D'ALUMINIUM**
[72] BEAULIEU, GILLES, CA
[72] WILLIAMS, KEVIN C., US
[71] MAC VALVES, INC., US
[85] 2013-11-28
[86] 2012-06-12 (PCT/US2012/042035)
[87] (WO2012/173981)
[30] US (13/159,061) 2011-06-13
[30] US (13/439,144) 2012-04-04

[21] **2,837,848**
[13] A1

[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **DISTRIBUTED ANONYMIZATION SYSTEM, DISTRIBUTED ANONYMIZATION DEVICE, AND DISTRIBUTED ANONYMIZATION METHOD**
[54] **SYSTEME D'ANONYMISATION DISTRIBUE, DISPOSITIF D'ANONYMISATION DISTRIBUE ET PROCEDE D'ANONYMISATION DISTRIBUE**
[72] TAKENOUCI, TAKAO, JP
[71] NEC CORPORATION, JP
[85] 2013-11-29
[86] 2012-05-24 (PCT/JP2012/064016)
[87] (WO2012/165518)
[30] JP (2011-124398) 2011-06-02

[21] **2,837,849**
[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/68 (2006.01) B01J 20/04 (2006.01) C01B 9/08 (2006.01) C01D 3/02 (2006.01) C01F 5/28 (2006.01) C01G 43/06 (2006.01)**
[25] FR
[54] **USE OF A KMGF3 COMPOUND FOR TRAPPING METALS IN THE FORM OF FLUORIDES AND/OR OXYFLUORIDES IN A GASEOUS OR A LIQUID PHASE**
[54] **UTILISATION D'UN COMPOSE KMGF3 POUR PIEGER DES METAUX PRESENTS SOUS FORME DE FLUORURES ET/OU D'OXYFLUORURES DANS UNE PHASE GAZEUSE OU LIQUIDE**
[72] MOREL, BERTRAND, FR
[72] LEITE, LORRAINE, FR
[72] MOCH, LAURENT, FR
[72] DEMOURGUES, ALAIN, FR
[72] CLARENC, ROMAIN, FR
[72] TRESSAUD, ALAIN, FR
[72] DURAND, ETIENNE, FR
[71] COMURHEX SOCIETE POUR LA CONVERSION DE L'URANIUM EN METAL ET HEXAFLUORURE, FR
[85] 2013-11-28
[86] 2012-06-08 (PCT/EP2012/060875)
[87] (WO2012/168420)
[30] FR (1155055) 2011-06-09

[21] **2,837,850**
[13] A1

[51] **Int.Cl. F02B 77/02 (2006.01) F01L 3/04 (2006.01) F01N 3/10 (2006.01) F02B 77/04 (2006.01) F02F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING EMISSIONS AND/OR REDUCING FRICTION IN AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE ET APPAREIL DE REDUCTION D'EMISSIONS ET/OU DE REDUCTION DE FROTTEMENT DANS UN MOTEUR A COMBUSTION INTERNE**
[72] DOLAN, SHAWN E., US
[72] GOLDING, JAMES P., US
[71] HENKEL AG & CO. KGAA, DE
[85] 2013-11-28
[86] 2012-06-15 (PCT/US2012/042681)
[87] (WO2012/174386)
[30] US (61/497,187) 2011-06-15
[30] US (61/624,905) 2012-04-16

[21] **2,837,851**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 38/28 (2006.01) A61K 47/30 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **NON-PEPTIDYL POLYMER-INSULIN MULTIMER AND METHOD FOR PRODUCING THE SAME**
[54] **MULTIMERE DE POLYMERE SANS LIAISON PEPTIDYLE-INSULINE ET PROCEDE POUR LE PRODUIRE**
[72] LIM, SUNG IN, KR
[72] JANG, MYUNG HYUN, KR
[72] KIM, DAE JIN, KR
[72] JUNG, SUNG YOUB, KR
[72] KWON, SE CHANG, KR
[71] HANMI SCIENCE CO., LTD., KR
[85] 2013-11-29
[86] 2012-06-01 (PCT/KR2012/004368)
[87] (WO2012/165916)
[30] KR (10-2011-0053487) 2011-06-02

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[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR HEDGEHOG INHIBITOR THERAPY**
[54] **BIOMARQUEURS POUR UNE THERAPIE PAR UN INHIBITEUR DE HEDGEHOG**
[72] BANDARU, RAJ, US
[72] HAIDER, ASIFA, US
[72] ROBINSON, DOUGLAS MICHAEL, US
[72] ROSE, KRISTINE LYNN, US
[72] SHARP, THAD TYSON, US
[72] SHOU, YAPING, US
[71] NOVARTIS AG, CH
[85] 2013-11-29
[86] 2012-04-03 (PCT/US2012/031993)
[87] (WO2012/166241)
[30] US (61/492,603) 2011-06-02

[21] **2,837,853**
[13] A1

[51] **Int.Cl. A61B 18/12 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **ABLATION CATHETER WITH BALLOON**
[54] **CATHETER D'ABLATION AVEC BALLONNET**
[72] HARADA, HIROYUKI, JP
[72] TAKAOKA, MOTOKI, JP
[72] MATSUKUMA, AKINORI, JP
[72] YAGI, TAKAHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2013-11-29
[86] 2012-06-08 (PCT/JP2012/064752)
[87] (WO2012/169607)
[30] JP (2011-128052) 2011-06-08

[21] **2,837,854**
[13] A1

[51] **Int.Cl. C22C 9/04 (2006.01) B21B 1/22 (2006.01) B21B 3/00 (2006.01) C22F 1/08 (2006.01) H01B 1/02 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **COPPER ALLOY SHEET, AND METHOD OF PRODUCING COPPER ALLOY SHEET**
[54] **FEUILLE D'ALLIAGE DE CUIVRE ET PROCEDE DE FABRICATION**
[72] OISHI KEIICHIRO, JP
[71] MITSUBISHI SHINDOH CO., LTD., JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2013-11-29
[86] 2012-09-14 (PCT/JP2012/073641)
[87] (WO2013/039207)
[30] JP (2011-203451) 2011-09-16

[21] **2,837,855**
[13] A1

[51] **Int.Cl. C08K 5/32 (2006.01) C08L 33/04 (2006.01) C08L 101/00 (2006.01) C23C 14/12 (2006.01) C23C 14/22 (2006.01)**
[25] EN
[54] **SINGLE BATH AUTODEPOSITION COATING FOR COMBINATION METAL SUBSTRATES AND METHODS THEREFOR**
[54] **REVETEMENT A DEPOSITION AUTOMATIQUE EN UN SEUL BAIN POUR SUBSTRATS METALLIQUES COMPOSITES ET PROCEDES S'Y RAPPORTANT**
[72] KUMAR, GIRDHARI, US
[72] QIU, XUETING, CN
[72] AHMED, BASHIR M., US
[72] ABU-SHANAB, OMAR L., US
[72] SEKHARAN, MANESH NADUPPARAMBIL, US
[72] MARVIN, BRIAN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2013-11-28
[86] 2012-06-15 (PCT/US2012/042739)
[87] (WO2012/174424)
[30] US (61/498,285) 2011-06-17

[21] **2,837,856**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 38/28 (2006.01) A61K 47/30 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING DIABETES COMPRISING LONG-ACTING INSULIN CONJUGATE AND LONG-ACTING INSULINOTROPIC PEPTIDE CONJUGATE**
[54] **COMPOSITION POUR LE TRAITEMENT DU DIABETE COMPRENANT UN CONJUGUE D'INSULINE A ACTION PROLONGEE ET UN CONJUGUE DE PEPTIDE INSULINOTROPIQUE A ACTION PROLONGEE**
[72] WOO, YOUNG EUN, KR
[72] JANG, MYUNG HYUN, KR
[72] PARK, YOUNG JIN, KR
[72] PARK, YOUNG KYUNG, KR
[72] LIM, CHANG KI, KR
[72] KWON, SE CHANG, KR
[71] HANMI SCIENCE CO., LTD., KR
[85] 2013-11-29
[86] 2012-06-01 (PCT/KR2012/004367)
[87] (WO2012/165915)
[30] KR (10-2011-0053488) 2011-06-02

[21] **2,837,857**
[13] A1

[51] **Int.Cl. G08B 13/24 (2006.01)**
[25] EN
[54] **VIDEO ENABLED ELECTRONIC ARTICLE SURVEILLANCE DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION DE SURVEILLANCE D'ARTICLES ELECTRONIQUES PAR VIDEO**
[72] WELTER, JOHN JOSEPH, US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2013-11-29
[86] 2012-06-01 (PCT/US2012/000262)
[87] (WO2012/166211)
[30] US (13/150,985) 2011-06-01

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[13] A1

[51] **Int.Cl. A61K 38/10 (2006.01) A61K 38/12 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **BLOCKADE OF INFLAMMATORY PROTEASES WITH THETA - DEFENSINS**

[54] **BLOCAGE DE PROTEASES INFLAMMATOIRES PAR DES THETA - DEFENSINES**

[72] SELSTED, MICHAEL E., US

[72] TRAN, DAT Q., US

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

[85] 2013-11-29

[86] 2012-06-01 (PCT/US2012/040455)

[87] (WO2012/167077)

[30] US (61/492,753) 2011-06-02

[21] **2,837,859**
[13] A1

[51] **Int.Cl. E21B 17/00 (2006.01) E21B 19/00 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **OPTIMIZED PRESSURE DRILLING WITH CONTINUOUS TUBING DRILL STRING**

[54] **FORAGE A PRESSION OPTIMISEE A TRAIN DE TIGES DE FORAGE A TUBULURE CONTINUE**

[72] MAIDA, JOHN L., JR., US

[72] SKINNER, NEAL G., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-11-29

[86] 2011-06-02 (PCT/US2011/038838)

[87] (WO2012/166137)

[21] **2,837,860**
[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01)**

[25] EN

[54] **A HINGE FOR AN ORTHOPEDIC BRACE**

[54] **CHARNIERE POUR APPAREIL ORTHOPEDIQUE**

[72] BEJARANO, ROBERT, US

[72] VILLEGAS, EMEE, US

[72] HOFFMEIER, CARL, US

[71] DJO, LLC, US

[85] 2013-11-29

[86] 2011-06-27 (PCT/US2011/042045)

[87] (WO2011/163667)

[30] US (61/358,771) 2010-06-25

[21] **2,837,861**
[13] A1

[51] **Int.Cl. G06F 21/55 (2013.01) A63F 13/70 (2014.01) G07F 17/32 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REGULATED HYBRID GAMING**

[54] **SYSTEMES ET PROCEDES POUR JEU HYBRIDE REGULE**

[72] ARNONE, MILES, US

[72] CIRE, FRANK, US

[72] MEYERHOFER, ERIC, US

[72] ROSS, CAITLYN, US

[71] GAMBLIT GAMING, LLC, US

[85] 2013-11-29

[86] 2012-06-01 (PCT/US2012/040548)

[87] (WO2012/167146)

[30] US (61/519,914) 2011-06-01

[21] **2,837,862**
[13] A1

[51] **Int.Cl. B29C 70/52 (2006.01) B29B 15/12 (2006.01) B29C 70/22 (2006.01)**

[25] EN

[54] **RESIN COATED RADIUS FILLERS AND SYSTEM AND METHOD OF MAKING THE SAME**

[54] **AGENTS DE REMPLISSAGE DE RAYON REVETUS DE RESINE ET LEUR SYSTEME ET PROCEDE DE FABRICATION**

[72] PONSOLLE, DOMINIQUE, US

[72] ROGERS, SCOTT ALFRED, US

[72] BLACKBURN, ROBERT, GB

[72] MEEGAN, JONATHAN EDWARD, GB

[71] CYTEC TECHNOLOGY CORP., US

[85] 2013-11-29

[86] 2012-04-24 (PCT/US2012/034751)

[87] (WO2012/166263)

[30] US (61/493,277) 2011-06-03

[21] **2,837,863**
[13] A1

[51] **Int.Cl. E21B 21/06 (2006.01) E02F 5/30 (2006.01)**

[25] EN

[54] **LUBRICATED SOIL MIXING SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE MELANGE DE SOLS LUBRIFIES**

[72] KRUSE, DARIN R., US

[71] KRUSE, DARIN R., US

[85] 2013-11-29

[86] 2012-06-01 (PCT/US2012/040573)

[87] (WO2012/167170)

[30] US (61/493,307) 2011-06-03

[21] **2,837,864**
[13] A1

[51] **Int.Cl. B01J 23/68 (2006.01) B01J 27/05 (2006.01) B01J 37/02 (2006.01) C07D 301/10 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING EPOXIDATION CATALYSTS AND EPOXIDATION METHODS UTILIZING THEM**

[54] **PROCEDES DE PRODUCTION DE CATALYSEURS D'EPOXYDATION ET PROCEDES D'EPOXYDATION UTILISANT CEUX-CI**

[72] GOPAL, SRIKANT, IN

[72] MURTHY, LAKSHMI N. VUTUKURU, IN

[72] BASRUR, ARUN G., IN

[71] DOW TECHNOLOGY INVESTMENTS LLC, US

[85] 2013-11-29

[86] 2012-05-25 (PCT/US2012/039559)

[87] (WO2012/170220)

[30] US (61/493,553) 2011-06-06

[21] **2,837,865**
[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01)**

[25] FR

[54] **STOPPING DEVICE AND CONTAINER COMPRISING SUCH A DEVICE**

[54] **DISPOSITIF DE BOUCHAGE ET RECIPIENT EQUIPE D'UN TEL DISPOSITIF**

[72] ANEAS, ANTOINE, FR

[71] BIOCORP RECHERCHE ET DEVELOPPEMENT, FR

[85] 2013-11-28

[86] 2012-06-05 (PCT/EP2012/060584)

[87] (WO2012/168230)

[30] FR (1154900) 2011-06-06

[21] **2,837,866**
[13] A1

[51] **Int.Cl. F16L 3/12 (2006.01) F16L 3/14 (2006.01)**

[25] EN

[54] **TUBE INTERCONNECTION SYSTEM**

[54] **SYSTEME DE RACCORDEMENT DE TUBES**

[72] WHITE, RUSSELL W., US

[71] AFFINITY LABS OF TEXAS, LLC, US

[85] 2013-11-29

[86] 2012-05-02 (PCT/US2012/036104)

[87] (WO2012/151267)

[30] US (13/099,477) 2011-05-03

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[21] **2,837,867**
[13] A1

[51] **Int.Cl. A61B 3/113 (2006.01) A61F 4/00 (2006.01) G02B 27/00 (2006.01) G06F 3/01 (2006.01)**

[25] FR

[54] **SYSTEM COMPRISING AN OCULOMETER, METHOD IMPLEMENTED ON SUCH A SYSTEM AND CORRESPONDING COMPUTER PROGRAM PRODUCT**

[54] **SYSTEME COMPORTANT UN OCULOMETRE, PROCEDE MIS EN OEUVRE SUR UN TEL SYSTEME ET PRODUIT PROGRAMME D'ORDINATEUR CORRESPONDANT**

[72] LORENCEAU, JEAN, FR

[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[85] 2013-11-27

[86] 2012-05-31 (PCT/EP2012/060309)

[87] (WO2012/164043)

[30] FR (11/01695) 2011-06-01

[21] **2,837,868**
[13] A1

[51] **Int.Cl. H01L 51/10 (2006.01) H01L 51/44 (2006.01)**

[25] FR

[54] **ORGANIC COMPONENT COMPRISING ELECTRODES HAVING AN IMPROVED LAYOUT AND SHAPE**

[54] **COMPOSANT ORGANIQUE A ELECTRODES AYANT UN AGENCEMENT ET UNE FORME AMELIORES**

[72] BENWADIH, MOHAMMED, FR

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

[71] ISORG, FR

[85] 2013-11-27

[86] 2012-05-30 (PCT/EP2012/060144)

[87] (WO2012/163965)

[30] FR (1154828) 2011-06-01

[21] **2,837,869**
[13] A1

[51] **Int.Cl. A45D 34/04 (2006.01) A45D 40/26 (2006.01) A46B 13/02 (2006.01)**

[25] EN

[54] **COSMETIC APPLICATOR HEAD WITH DYNAMICALLY ADJUSTABLE DUROMETER**

[54] **TETE D'APPLICATEUR DE PRODUIT COSMETIQUE DOTEE D'UN DUROMETRE AJUSTABLE DE FACON DYNAMIQUE**

[72] BICKFORD, WILLIAM ROBERT, US

[71] ELC MANAGEMENT LLC, US

[85] 2013-11-29

[86] 2012-05-30 (PCT/US2012/039957)

[87] (WO2012/166777)

[30] US (13/151,387) 2011-06-02

[21] **2,837,870**
[13] A1

[51] **Int.Cl. H04N 21/4402 (2011.01) H04N 21/23 (2011.01) H04N 21/43 (2011.01)**

[25] EN

[54] **METHODS FOR DISPLAYING CONTENT ON A SECOND DEVICE THAT IS RELATED TO THE CONTENT PLAYING ON A FIRST DEVICE**

[54] **PROCEDES POUR AFFICHER UN CONTENU SUR UN SECOND DISPOSITIF QUI EST LIE AU CONTENU LU SUR UN PREMIER DISPOSITIF**

[72] ARINI, NICK, GB

[72] O'SULLIVAN, DEBBIE, GB

[71] GOOGLE INC., US

[85] 2013-11-29

[86] 2012-05-29 (PCT/US2012/039872)

[87] (WO2012/166739)

[30] US (61/492,745) 2011-06-02

[30] US (13/174,612) 2011-06-30

[21] **2,837,871**
[13] A1

[51] **Int.Cl. A61K 35/50 (2006.01) A61K 35/12 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **TREATMENT OF PAIN USING PLACENTAL STEM CELLS**

[54] **TRAITEMENT DE LA DOULEUR A L'AIDE DE CELLULES SOUCHES PLACENTAIRES**

[72] HERZBERG, URI, US

[72] GURNEY, JODI, US

[71] ANTHROGENESIS CORPORATION, US

[85] 2013-11-29

[86] 2012-05-31 (PCT/US2012/040081)

[87] (WO2012/166844)

[30] US (61/492,314) 2011-06-01

[30] US (61/548,663) 2011-10-18

[30] US (61/594,985) 2012-02-03

[21] **2,837,872**
[13] A1

[51] **Int.Cl. A61B 17/90 (2006.01) A61F 2/34 (2006.01) A61F 2/46 (2006.01)**

[25] EN

[54] **PROSTHESIS GUIDE COMPRISING PATIENT-MATCHED FEATURES**

[54] **GUIDE DE PROTHESE COMPRENANT DES CARACTERISTIQUES APPARIEES A UN PATIENT**

[72] KELMAN, DAVID C., US

[72] LAMBERT, RICHARD D., US

[72] VALLE, CRAIG DELLA, US

[72] BUDHABHATTI, SACHIN P., US

[71] SMITH & NEPHEW, INC., US

[85] 2013-11-29

[86] 2012-05-31 (PCT/US2012/040164)

[87] (WO2012/166888)

[30] US (61/493,260) 2011-06-03

[30] US (61/561,619) 2011-11-18

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[13] A1

[51] **Int.Cl. H01J 49/26 (2006.01) H01J 49/40 (2006.01)**
[25] EN
[54] **ABRIDGED MULTIPOLE STRUCTURE FOR THE TRANSPORT, SELECTION AND TRAPPING OF IONS IN A VACUUM SYSTEM**
[54] **STRUCTURE MULTIPOLE SIMPLIFIEE POUR LE TRANSPORT, LA SELECTION ET LE PIEGEAGE D'IONS DANS UN SYSTEME A VIDE**
[72] PARK, MELVIN, US
[71] BRUKER DALTONICS, INC., US
[85] 2013-11-29
[86] 2012-06-02 (PCT/US2012/040620)
[87] (WO2012/167207)
[30] US (13/152,363) 2011-06-03
[30] US (13/177,780) 2011-07-07
[30] US (13/249,709) 2011-09-30

[21] **2,837,874**
[13] A1

[51] **Int.Cl. G01F 25/00 (2006.01) G01F 1/84 (2006.01)**
[25] EN
[54] **VIBRATORY FLOW METER AND ZERO CHECK METHOD**
[54] **DEBITMETRE VIBRATOIRE ET PROCEDE DE VERIFICATION DE ZERO**
[72] PATTEN, ANDREW TIMOTHY, US
[72] HAYS, PAUL J., US
[72] LANE, STEPHANIE A., US
[71] MICRO MOTION, INC., US
[85] 2013-11-28
[86] 2011-06-27 (PCT/US2011/042032)
[87] (WO2013/002759)

[21] **2,837,875**
[13] A1

[51] **Int.Cl. C07K 14/00 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **HUMAN FUSION PROTEINS COMPRISING INTERFERONS AND TARGETED MODIFIED UBIQUITIN PROTEINS**
[54] **PROTEINES DE FUSION HUMAINES COMPRENANT DES INTERFERONS ET DES PROTEINES D'UBIQUITINE MODIFIEES CIBLEES**
[72] NERKAMP, JORG, DE
[72] HANSGEN, ILKA, DE
[72] LANGE, CHRISTIAN, DE
[72] GLOSER, MANJA, DE
[72] STEUERNAGEL, ARND, DE
[72] PARTHIER, ANTJE, DE
[71] SCIL PROTEINS GMBH, DE
[85] 2013-11-29
[86] 2012-06-15 (PCT/EP2012/061459)
[87] (WO2012/172058)
[30] EP (PCT/EP2011/002962) 2011-06-15

[21] **2,837,876**
[13] A1

[51] **Int.Cl. H01J 49/26 (2006.01)**
[25] EN
[54] **ABRIDGED MULTIPOLE STRUCTURE FOR THE TRANSPORT, SELECTION, TRAPPING AND ANALYSIS OF IONS IN A VACUUM SYSTEM**
[54] **STRUCTURE MULTIPOLE SIMPLIFIEE POUR LE TRANSPORT, LA SELECTION, LE PIEGEAGE ET L'ANALYSE D'IONS DANS UN SYSTEME A VIDE**
[72] PARK, MELVIN, US
[71] BRUKER DALTONICS, INC., US
[85] 2013-11-29
[86] 2012-06-02 (PCT/US2012/040621)
[87] (WO2012/167208)
[30] US (13/152,363) 2011-06-03
[30] US (13/177,780) 2011-07-07
[30] US (13/421,310) 2012-03-15

[21] **2,837,877**
[13] A1

[51] **Int.Cl. H02J 17/00 (2006.01)**
[25] EN
[54] **WIRELESS ENERGY TRANSFER FOR IMPLANTABLE DEVICES**
[54] **TRANSFERT D'ENERGIE SANS FIL POUR DISPOSITIFS IMPLANTABLES**
[72] SCHATZ, DAVID A., US
[72] KESLER, MORRIS P., US
[72] HALL, KATHERINE L., US
[72] GANEM, STEVEN J., US
[71] WITRICITY CORPORATION, US
[85] 2013-11-29
[86] 2012-05-31 (PCT/US2012/040184)
[87] (WO2012/170278)
[30] US (13/154,131) 2011-06-06
[30] US (13/222,915) 2011-08-31
[30] US (13/232,868) 2011-09-14

[21] **2,837,878**
[13] A1

[51] **Int.Cl. A61K 35/50 (2006.01) A61P 17/02 (2006.01) A61P 19/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING FETAL SUPPORT TISSUES, FETAL SUPPORT TISSUE POWDER PRODUCTS, AND USES THEREOF**
[54] **PROCEDES DE TRAITEMENT DE TISSUS FŒTAUX DE SUPPORT, PRODUITS EN POUDDRE A BASE DE TISSU FŒTAL DE SUPPORT ET LEURS UTILISATIONS**
[72] TSENG, SCHEFFER, US
[72] TAN, EK KIA, US
[72] CHUA, LORRAINE, US
[71] TISSUETECH, INC., US
[85] 2013-11-29
[86] 2012-06-08 (PCT/US2012/041685)
[87] (WO2012/170905)
[30] US (61/495,860) 2011-06-10

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[21] **2,837,879**
[13] A1

[51] **Int.Cl. A61F 2/82 (2013.01) A61B 17/12 (2006.01) A61F 2/86 (2013.01) A61L 27/14 (2006.01)**

[25] EN

[54] **EMBOLIC IMPLANT AND METHOD OF USE**

[54] **IMPLANT EMBOLIQUE ET SON PROCEDE D'UTILISATION**

[72] STRAUSS, BRIAN M., US

[72] VALKO, JEFFREY J., US

[72] LENKER, JAY A., US

[72] PECOR, ROBERT A., US

[72] BARKER, PETER, US

[71] REVERSE MEDICAL CORPORATION, US

[85] 2013-11-29

[86] 2012-05-30 (PCT/US2012/040012)

[87] (WO2012/166804)

[30] US (61/493,108) 2011-06-03

[30] US (13/483,962) 2012-05-30

[21] **2,837,881**
[13] A1

[51] **Int.Cl. C10G 1/00 (2006.01) E21B 43/24 (2006.01) H01P 1/38 (2006.01) H05B 6/80 (2006.01)**

[25] EN

[54] **APPARATUS FOR THE SUBLIMATION OR PYROLYSIS OF HYDROCARBONS USING RF ENERGY**

[54] **APPAREIL POUR LA SUBLIMATION OU LA PYROLYSE D'HYDROCARBURES A L'AIDE D'UNE ENERGIE RADIOFREQUENCE**

[72] HERNANDEZ, VICTOR, US

[72] PATTON, LISA, US

[71] HARRIS CORPORATION, US

[85] 2013-11-29

[86] 2012-06-11 (PCT/US2012/041850)

[87] (WO2012/173918)

[30] US (13/161,116) 2011-06-15

[21] **2,837,882**
[13] A1

[51] **Int.Cl. C07C 401/00 (2006.01) A61K 31/59 (2006.01)**

[25] EN

[54] **(22E)-2-METHYLENE-26,27-CYCLO-22-DEHYDRO-1.ALPHA.-HYDROXY-19-NORVITAMIN D3 DERIVATIVES**

[54] **DERIVES DE (22E)-2-METHYLENE-26,27-CYCLO-22-DEHYDRO-1.ALPHA.-HYDROXY-19-NORVITAMINE D3**

[72] DELUCA, HECTOR, US

[72] BARYCKI, RAFAL, US

[72] PLUM, LORI, US

[72] CLAGETT-DAME, MARGARET, US

[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

[85] 2013-11-29

[86] 2012-05-31 (PCT/US2012/040235)

[87] (WO2012/166938)

[30] US (61/493,079) 2011-06-03

[21] **2,837,883**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01)**

[25] EN

[54] **METABOTROPIC GLUTAMATE RECEPTOR 5 MODULATORS AND METHODS OF USE THEREOF**

[54] **MODULATEURS DU RECEPTEUR 5 METABOTROPIQUE DU GLUTAMATE ET LEURS PROCEDES D'UTILISATION**

[72] HEFFERNAN, MICHELE L. R., US

[72] HARDY, LARRY WENDELL, US

[72] WU, FRANK XINHE, US

[72] SARASWAT, LAKSHMI D., US

[72] SPEAR, KERRY L., US

[71] SUNOVION PHARMACEUTICALS, INC., US

[85] 2013-11-29

[86] 2012-06-08 (PCT/US2012/041595)

[87] (WO2012/170845)

[30] US (61/494,731) 2011-06-08

[21] **2,837,884**
[13] A1

[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/12 (2006.01)**

[25] FR

[54] **PROCEDE SEQUENCE DE TRAITEMENT BIOLOGIQUE D'EAU METTANT EN UVRE DES GRANULES DE BIOMASSE**

[54] **METHOD FOR THE SEQUENCED BIOLOGICAL TREATMENT OF WATER IMPLEMENTING BIOMASS GRANULES**

[72] SORENSEN, KIM, FR

[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR

[85] 2013-11-29

[86] 2012-06-19 (PCT/EP2012/061694)

[87] (WO2012/175489)

[30] FR (1155482) 2011-06-22

[21] **2,837,885**
[13] A1

[51] **Int.Cl. E21B 47/26 (2012.01) E21B 47/12 (2012.01)**

[25] EN

[54] **DYNAMIC IMAGE COMPRESSION FOR IMAGING WHILE DRILLING APPLICATIONS**

[54] **COMPRESSION D'IMAGE DYNAMIQUE POUR DES APPLICATIONS D'IMAGERIE DURANT UN FORAGE**

[72] LE, TRUNG, DE

[72] HARTMANN, ANDREAS, DE

[71] BAKER HUGHES INCORPORATED, US

[85] 2013-11-29

[86] 2012-06-13 (PCT/US2012/042235)

[87] (WO2012/174100)

[30] US (61/497,683) 2011-06-16

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[13] A1

[51] **Int.Cl. A61M 5/42 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE COMPRISING ILLUMINATION ARRANGEMENT**
[54] **DISPOSITIF MEDICAL COMPRENANT UN AGENCEMENT D'ECLAIRAGE**
[72] MITCHELL, ANDREW DAVID, GB
[72] DRAPER, PAUL RICHARD, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-11-29
[86] 2012-06-27 (PCT/EP2012/062399)
[87] (WO2013/004555)
[30] EP (11172417.5) 2011-07-01
[30] US (61/570,307) 2011-12-14

[21] **2,837,887**
[13] A1

[51] **Int.Cl. B01D 53/047 (2006.01) F01D 17/00 (2006.01)**
[25] EN
[54] **CYCLIC ADSORPTION PROCESS USING CENTRIFUGAL COMPRESSORS**
[54] **TRAITEMENT D'ADSORPTION CYCLIQUE UTILISANT DES COMPRESSEURS CENTRIFUGES**
[72] BELANGER, PAUL W., US
[72] MANNING, MICHAEL S., US
[72] ROSINSKI, ANDREW C., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2013-11-29
[86] 2012-06-11 (PCT/US2012/041862)
[87] (WO2012/177431)
[30] US (13/168,264) 2011-06-24
[30] US (13/368,403) 2012-02-08

[21] **2,837,888**
[13] A1

[51] **Int.Cl. B22D 41/50 (2006.01)**
[25] EN
[54] **A NOZZLE FOR GUIDING A METAL MELT**
[54] **BUSE POUR GUIDER UN METAL EN FUSION**
[72] NITZL, GERALD, AT
[72] TANG, YONG, AT
[72] STRANIMAIER, ARNO, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2013-11-29
[86] 2012-06-27 (PCT/EP2012/062485)
[87] (WO2013/004571)
[30] EP (11172908.3) 2011-07-06

[21] **2,837,889**
[13] A1

[51] **Int.Cl. E04H 4/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR A VARIABLE DEPTH SWIMMING POOL/SPA**
[54] **PROCEDES ET APPAREILS POUR PISCINE/SPA A PROFONDEUR VARIABLE**
[72] KANETIS, STEFAN, US
[71] PATIO 2 POOL, LLC, US
[85] 2013-11-29
[86] 2012-06-18 (PCT/US2012/043003)
[87] (WO2012/174560)
[30] US (61/498,123) 2011-06-17
[30] US (61/526,198) 2011-08-22

[21] **2,837,890**
[13] A1

[51] **Int.Cl. A41D 13/05 (2006.01)**
[25] EN
[54] **ARTICLE OF APPAREL WITH DETACHABLY-SECURED ATTACHMENT COMPONENTS**
[54] **ARTICLE VESTIMENTAIRE A COMPOSANTS D'ATTACHEMENT FIXES DE FACON DETACHABLE**
[72] TURNER, DAVID, US
[71] NIKE INTERNATIONAL LTD., US
[85] 2013-11-29
[86] 2012-06-19 (PCT/US2012/043170)
[87] (WO2013/003126)
[30] US (13/168,220) 2011-06-24

[21] **2,837,891**
[13] A1

[51] **Int.Cl. A01N 25/26 (2006.01) A01N 43/12 (2006.01) A01N 43/90 (2006.01) A01N 51/00 (2006.01)**
[25] EN
[54] **MICELLE-COATED CRYSTALLINE PARTICLES**
[54] **PARTICULES CRISTALLINES REVETUES DE MICELLES**
[72] MULQUEEN, PATRICK JOSEPH, GB
[72] THOMSON, NIALL RAE, GB
[72] BIGGS, SIMON RICHARD, GB
[72] CHAGNEUX, NELLY, GB
[72] DUBOIS, MATHIEU EDMOND RENE, GB
[72] SARKER, PRODIP, GB
[72] SCANLON, SHANE, GB
[71] SYNGENTA LIMITED, GB
[85] 2013-11-29
[86] 2012-07-03 (PCT/EP2012/062946)
[87] (WO2013/004705)
[30] GB (1111438.6) 2011-07-04

[21] **2,837,892**
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **TEM8 ANTIBODIES, CONJUGATES THEREOF, AND THEIR USE**
[54] **ANTICORPS CONTRE TEM8, CONJUGUES DE CEUX-CI, ET LEUR UTILISATION**
[72] ST. CROIX, BRAD, US
[72] FLEMING, TONY, US
[72] CHAUDHARY, AMIT, US
[72] SAHA, SAURABH, US
[72] ZHANG, XIAOYAN MICHELLE, US
[72] KWONG, ROU-FUN, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] NOVARTIS AG, CH
[85] 2013-11-29
[86] 2012-06-13 (PCT/US2012/042315)
[87] (WO2012/174160)
[30] US (61/496,986) 2011-06-14
[30] US (61/496,737) 2011-06-14

[21] **2,837,893**
[13] A1

[51] **Int.Cl. H04S 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTIVE AUDIO SIGNAL GENERATION, CODING AND RENDERING**
[54] **SYSTEME ET PROCEDE POUR GENERATION, CODAGE ET RENDU DE SIGNAL AUDIO ADAPTATIF**
[72] ROBINSON, CHARLES Q., US
[72] TSINGOS, NICOLAS R., US
[72] CHABANNE, CHRISTOPHE, FR
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2013-11-29
[86] 2012-06-27 (PCT/US2012/044388)
[87] (WO2013/006338)
[30] US (61/504,005) 2011-07-01
[30] US (61/636,429) 2012-04-20

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[21] **2,837,894**
[13] A1

[51] **Int.Cl. H04S 3/00 (2006.01) H04S 7/00 (2006.01)**

[25] EN

[54] **SYSTEM AND TOOLS FOR ENHANCED 3D AUDIO AUTHORIZING AND RENDERING**

[54] **SYSTEME ET OUTILS POUR REDACTION ET RENDU AUDIO 3D AMELIORES**

[72] TSINGOS, NICOLAS R., US
[72] ROBINSON, CHARLES Q., US
[72] SCHARPF, JURGEN W., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US

[85] 2013-11-29
[86] 2012-06-27 (PCT/US2012/044363)
[87] (WO2013/006330)
[30] US (61/504,005) 2011-07-01
[30] US (61/636,102) 2012-04-20

[21] **2,837,895**
[13] A1

[51] **Int.Cl. A61K 35/28 (2006.01) C12N 5/077 (2010.01) C12N 5/0789 (2010.01) A61P 37/06 (2006.01)**

[25] EN

[54] **METHODS OF TREATING OR PREVENTING NEUROLOGICAL DISEASES**

[54] **METHODES DE TRAITEMENT OU DE PREVENTION DE MALADIES NEUROLOGIQUES**

[72] BERNARD, CLAUDE, AU
[71] MESOBLAST, INC., US

[85] 2013-12-02
[86] 2012-06-04 (PCT/AU2012/000626)
[87] (WO2012/162754)
[30] US (61/493,073) 2011-06-03

[21] **2,837,896**
[13] A1

[51] **Int.Cl. H03B 19/00 (2006.01)**

[25] EN

[54] **CONTROLLING A STATE OF A QUBIT ASSEMBLY**

[54] **COMMANDE D'UN ETAT D'UN ENSEMBLE QUBIT**

[72] NAAMAN, OFER, US
[72] HERR, ANNA Y., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US

[85] 2013-11-29
[86] 2012-06-28 (PCT/US2012/044646)
[87] (WO2013/006375)
[30] US (13/177,690) 2011-07-07

[21] **2,837,897**
[13] A1

[51] **Int.Cl. C09C 3/10 (2006.01) C08F 2/44 (2006.01)**

[25] EN

[54] **POLYMER PARTICLES**

[54] **PARTICULES POLYMERES**

[72] BAKER, MATTHEW PAUL, AU
[72] DAVEY, TIMOTHY WARREN, AU
[72] HAWKETT, BRIAN STANLEY, AU
[72] NGUYEN, DUC NGOC, AU
[72] SUCH, CHRISTOPHER HENRY, AU
[71] THE UNIVERSITY OF SYDNEY, AU

[85] 2013-12-02
[86] 2012-05-31 (PCT/AU2012/000608)
[87] (WO2012/162742)
[30] AU (2011902127) 2011-05-31

[21] **2,837,898**
[13] A1

[51] **Int.Cl. A61K 35/28 (2006.01) C12N 5/077 (2010.01) C12N 5/0789 (2010.01) A61P 25/14 (2006.01)**

[25] EN

[54] **METHOD OF TREATING THE EFFECTS OF STROKE**

[54] **PROCEDE DE TRAITEMENT DES EFFETS D'UN ACCIDENT VASCULAIRE CEREBRAL**

[72] KOBLAR, SIMON ANDREA, AU
[72] GRONTHOS, STAN, AU
[72] ARTHUR, AGNIESZKA, AU
[71] MESOBLAST, INC., US
[71] CENTRAL ADELAIDE LOCAL HEALTH NETWORK INC, AU

[85] 2013-12-02
[86] 2012-06-04 (PCT/AU2012/000630)
[87] (WO2012/162758)
[30] US (61/493,057) 2011-06-03

[21] **2,837,899**
[13] A1

[51] **Int.Cl. C22B 3/08 (2006.01)**

[25] EN

[54] **SELECTIVE BASE METALS LEACHING FROM LATERITE ORES**

[54] **LIXIVIATION SELECTIVE DE METAUX COMMUNS A PARTIR DE MINERAIS LATERITIQUES**

[72] BERNI, TIAGO VALENTIM, BR
[72] PEREIRA, ANTONIO CLARETI, BR
[72] MENDES, FLAVIA DUTRA, BR
[71] VALE S.A., BR

[85] 2013-12-02
[86] 2012-06-04 (PCT/BR2012/000172)
[87] (WO2013/181724)
[30] US (61/493,161) 2012-06-03

[21] **2,837,900**
[13] A1

[51] **Int.Cl. H01H 71/56 (2006.01) H01H 9/04 (2006.01)**

[25] EN

[54] **ACTUATING DEVICE**

[54] **DISPOSITIF D'ACTIONNEMENT**

[72] REINHART, MARKUS, DE
[72] HOFMANN, GERD, DE
[71] COOPER CROUSE-HINDS GMBH, DE

[85] 2013-12-02
[86] 2012-06-01 (PCT/EP2012/002338)
[87] (WO2012/163543)
[30] DE (10 2011 103 492.0) 2011-06-03

[21] **2,837,901**
[13] A1

[51] **Int.Cl. A61K 41/00 (2006.01) A61K 9/127 (2006.01) A61K 9/14 (2006.01) A61K 31/704 (2006.01) A61K 47/22 (2006.01) A61K 49/00 (2006.01) A61K 51/12 (2006.01) B01J 13/02 (2006.01) C12P 17/18 (2006.01) C12P 41/00 (2006.01) C07F 9/6561 (2006.01)**

[25] EN

[54] **METHOD FOR THE SYNTHESIS OF PORPHYRIN-PHOSPHOLIPID CONJUGATES**

[54] **PROCEDE POUR LA SYNTHESE DE CONJUGUES PORPHYRINE-PHOSPHOLIPIDE**

[72] ZHENG, GANG, CA
[72] LOVELL, JONATHAN F., CA
[71] UNIVERSITY HEALTH NETWORK, CA

[85] 2013-12-02
[86] 2012-05-25 (PCT/CA2012/000500)
[87] (WO2012/167350)
[30] US (61/493,538) 2011-06-06

[21] **2,837,902**
[13] A1

[51] **Int.Cl. E21B 7/02 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR DESIGNING DRILLING PLAN**

[54] **PROCEDE ET SYSTEME POUR PREPARER UN PLAN DE CHARGEMENT**

[72] MUONA, JOUKO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI

[85] 2013-12-02
[86] 2012-06-14 (PCT/FI2012/050605)
[87] (WO2012/172180)
[30] FI (20115588) 2011-06-14

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[21] **2,837,903**
[13] A1

[51] **Int.Cl. B02C 2/04 (2006.01)**
[25] EN
[54] **FRAME FOR A GYRATORY CRUSHER**
[54] **BATI POUR BROYEUR GIRATOIRE**
[72] JOHANSSON, HENRIK, SE
[72] NILSSON, MARTIN, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2013-12-02
[86] 2012-05-29 (PCT/EP2012/059962)
[87] (WO2013/007440)
[30] EP (11168977.4) 2011-06-07

[21] **2,837,904**
[13] A1

[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01) G06Q 30/00 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **MANAGING GROUP PLAY IN LOTTERY DRAWS**
[54] **GESTION D'UN JEU DE GROUPE DANS DES TIRAGES DE LOTERIE**
[72] ROY, SERGE, CA
[72] ADAMS, CAMERON, CA
[72] RASSIAS, GEORGE, CA
[72] LAM, JASON, CA
[72] SCHULZKE, KEN, CA
[72] LUSSIER, LOUIS-PHILIPPE, CA
[72] HEINTZ, TODD, CA
[71] INTERPROVINCIAL LOTTERY CORPORATION, CA
[85] 2013-12-02
[86] 2012-05-31 (PCT/CA2012/050360)
[87] (WO2012/162835)
[30] US (61/492,665) 2011-06-02

[21] **2,837,905**
[13] A1

[51] **Int.Cl. E21B 7/02 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR PREPARING A CHARGING PLAN**
[54] **PROCEDE ET SYSTEME POUR PREPARER UN PLAN DE CHARGEMENT**
[72] MUONA, JOUKO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2013-12-02
[86] 2012-06-14 (PCT/FI2012/050606)
[87] (WO2012/172181)
[30] FI (20115587) 2011-06-14

[21] **2,837,906**
[13] A1

[51] **Int.Cl. A24B 15/16 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **COMBUSTIBLE HEAT SOURCE FOR A SMOKING ARTICLE**
[54] **SOURCE DE CHALEUR COMBUSTIBLE POUR ARTICLE A FUMER**
[72] GLADDEN, THOMAS, CH
[72] POGET, LAURENT, CH
[72] JOCHNOWITZ, EVAN, CH
[72] ROUDIER, STEPHANE, CH
[72] MALGAT, ALEXANDRE, FR
[72] BONNELY, SAMUEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2013-12-02
[86] 2012-06-01 (PCT/EP2012/060411)
[87] (WO2012/164077)
[30] EP (11250578.9) 2011-06-02

[21] **2,837,907**
[13] A1

[51] **Int.Cl. F21V 25/12 (2006.01)**
[25] EN
[54] **COVERING AND LUMINAIRE HAVING SUCH A COVERING**
[54] **COUVERCLE ET LUMINAIRE POURVU D'UN TEL COUVERCLE**
[72] SCHWARZ, GERHARD, DE
[72] NAUMANN, REINER, DE
[72] BRANDEL, RUDOLF, DE
[71] COOPER CROUSE-HINDS GMBH, DE
[85] 2013-12-02
[86] 2012-06-04 (PCT/EP2012/002394)
[87] (WO2012/163552)
[30] DE (10 2011 103 491.2) 2011-06-03

[21] **2,837,909**
[13] A1

[51] **Int.Cl. A61J 1/14 (2006.01) A61J 3/00 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **RECONSTITUTION DEVICE**
[54] **DISPOSITIF DE RECONSTITUTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] GEOFFROY, ERIC, CA
[72] VIENS, MATHIEU, CA
[71] DUOJECT MEDICAL SYSTEMS INC., CA
[85] 2013-12-02
[86] 2012-07-05 (PCT/CA2012/000650)
[87] (WO2013/003951)
[30] CA (2,745,320) 2011-07-06

[21] **2,837,912**
[13] A1

[51] **Int.Cl. B41M 5/50 (2006.01) B41M 5/42 (2006.01) B41M 5/52 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING COATED SUBSTRATES**
[54] **PROCEDE DE FABRICATION DE SUBSTRATS REVETUS**
[72] GANE, PATRICK A. C., CH
[72] RIDGWAY, CATHERINE JEAN, CH
[72] SCHENKER, MICHEL, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2013-12-02
[86] 2012-05-21 (PCT/EP2012/059374)
[87] (WO2012/163711)
[30] EP (11168651.5) 2011-06-03
[30] US (61/495,453) 2011-06-10

[21] **2,837,914**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-HUMAN EPO RECEPTOR ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-RECEPTEUR D'EPO HUMAIN ET PROCEDES D'UTILISATION**
[72] JARSCH, MICHAEL, DE
[72] MUNDIGL, OLAF, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-12-02
[86] 2012-06-14 (PCT/EP2012/061288)
[87] (WO2012/171996)
[30] EP (11170020.9) 2011-06-15

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[21] **2,837,917**
[13] A1

[51] **Int.Cl. B01J 35/04 (2006.01) B01D 53/94 (2006.01) B01J 37/02 (2006.01) F01N 3/035 (2006.01)**

[25] EN

[54] **CATALYSED PARTICULATE FILTER AND METHODS FOR COATING PARTICULATE FILTER**

[54] **FILTRE A PARTICULES CATALYSE ET PROCEDES DE REVETEMENT DE FILTRE A PARTICULES**

[72] GABRIELSSON, PAR L., SE

[72] JOHANSEN, KELD, DK

[71] HALDOR TOPSOE A/S, DK

[85] 2013-12-02

[86] 2012-06-14 (PCT/EP2012/061329)

[87] (WO2013/007467)

[30] DK (PA 2011 00538) 2011-07-13

[21] **2,837,918**
[13] A1

[51] **Int.Cl. B01J 35/04 (2006.01) B01J 37/02 (2006.01) F01N 3/035 (2006.01)**

[25] EN

[54] **METHOD FOR COATING A CATALYSED PARTICULATE FILTER AND A PARTICULATE FILTER**

[54] **PROCEDE DE REVETEMENT D'UN FILTRE A PARTICULES CATALYSE ET FILTRE A PARTICULES**

[72] GABRIELSSON, PAR L., SE

[72] JOHANSEN, KELD, DK

[71] HALDOR TOPSOE A/S, DK

[85] 2013-12-02

[86] 2012-06-14 (PCT/EP2012/061331)

[87] (WO2013/007468)

[30] DK (PA 2011 00535) 2011-07-13

[21] **2,837,920**
[13] A1

[51] **Int.Cl. A61K 6/00 (2006.01)**

[25] EN

[54] **DETECTION AND REMOVAL OF CARIOUS DENTIN TISSUE**

[54] **DETECTION ET ELIMINATION DU TISSU CARIE DE LA DENTINE**

[72] ALMHJOJ, ULRICA, SE

[72] NILSSON, AKE, SE

[71] RLS GLOBAL AB, SE

[85] 2013-12-02

[86] 2012-06-15 (PCT/EP2012/061494)

[87] (WO2012/172071)

[30] SE (1150542-7) 2011-06-15

[30] US (61/497,116) 2011-06-15

[21] **2,837,924**
[13] A1

[51] **Int.Cl. H04N 7/10 (2006.01) H04N 21/431 (2011.01) H04N 21/4784 (2011.01) H04N 21/488 (2011.01)**

[25] EN

[54] **VIDEO ADVERTISEMENT PROGRESS TIME INDICATOR**

[54] **INDICATEUR TEMPOREL DE PROGRESSION DE MESSAGE PUBLICITAIRE VIDEO**

[72] ZASLAVSKY, EDUARD, US

[72] VAYSMAN, ARTHUR, US

[71] WEBTUNER CORP., US

[85] 2013-11-29

[86] 2012-06-04 (PCT/US2012/040683)

[87] (WO2012/167229)

[30] US (61/492,431) 2011-06-02

[21] **2,837,926**
[13] A1

[51] **Int.Cl. A61K 31/7004 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **SCYLLO - INOSITOL FOR THE TREATMENT OF BEHAVIORAL AND PSYCHIATRIC DISORDERS**

[54] **SCYLLO - INOSITOL POUR LE TRAITEMENT DE TROUBLES DU COMPORTEMENT ET PSYCHIATRIQUES**

[72] ABUSHAKRA, SUSAN, US

[72] CRANS, GERALD, US

[72] CEDARBAUM, JESSE, US

[72] HERNANDEZ, RAMON, US

[71] ELAN PHARMACEUTICALS, INC., US

[85] 2013-11-29

[86] 2012-06-04 (PCT/US2012/040789)

[87] (WO2012/173808)

[30] US (61/520,031) 2011-06-03

[30] US (61/541,333) 2011-09-30

[30] US (61/618,680) 2012-03-31

[21] **2,837,928**
[13] A1

[51] **Int.Cl. C08G 59/50 (2006.01) C09D 163/00 (2006.01) C09J 163/00 (2006.01)**

[25] EN

[54] **CURING AGENTS PROVIDING A LOW RATIO OF THIN FILM CURE TIME TO GEL TIME**

[54] **AGENTS DURCISSEURS FOURNISSANT UN FAIBLE RAPPORT DU TEMPS DE DURCISSEMENT DE FILM MINCE AU TEMPS DE GELIFICATION**

[72] PETWAY, LORENZO, US

[72] KINCAID, DEREK SCOTT, US

[71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US

[85] 2013-11-29

[86] 2012-06-05 (PCT/US2012/040820)

[87] (WO2012/170370)

[30] US (61/494,496) 2011-06-08

[21] **2,837,938**
[13] A1

[51] **Int.Cl. E21B 19/18 (2006.01) E21B 4/10 (2006.01) E21B 17/042 (2006.01)**

[25] EN

[54] **DOWNHOLE OSCILLATOR**

[54] **OSCILLATEUR DE FOND DE TROU**

[72] SWINFORD, JERRY L., US

[71] COIL TUBING TECHNOLOGY, INC., US

[85] 2013-09-12

[86] 2012-03-29 (PCT/US2012/031320)

[87] (WO2013/106011)

[30] US (61/468,637) 2011-03-29

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[21] **2,837,948**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61K 47/26 (2006.01) C12N 9/64 (2006.01)**

[25] EN

[54] **FORMULATIONS OF RECOMBINANT FURIN**

[54] **FORMULATIONS DE FURINE RECOMBINANTE**

[72] HASSLACHER, MEINHARD, AT

[72] CITKOWICZ, ANDRZEJ, US

[72] WHITE, CATHERINE, US

[72] FRANKE, KEN, US

[71] BAXTER INTERNATIONAL INC., US

[71] BAXTER HEALTHCARE S.A., CH

[85] 2013-11-29

[86] 2012-06-04 (PCT/US2012/040790)

[87] (WO2012/167271)

[30] US (61/492,712) 2011-06-02

[21] **2,837,949**
[13] A1

[51] **Int.Cl. A01N 47/44 (2006.01) A01N 57/20 (2006.01) A01N 57/34 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **BIOCIDAL COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS BIOCIDES ET LEURS PROCEDES D'UTILISATION**

[72] YIN, BEI, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2013-12-02

[86] 2012-05-08 (PCT/US2012/036882)

[87] (WO2012/173715)

[30] US (61/496,069) 2011-06-13

[21] **2,837,951**
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/01 (2006.01) E21B 19/24 (2006.01)**

[25] EN

[54] **HIGH PRESSURE MULTIBORE JUNCTION ASSEMBLY**

[54] **ENSEMBLE DE JONCTION DE FORAGES MULTIPLES A HAUTE PRESSION**

[72] STEELE, DAVID JOE, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-12-02

[86] 2012-05-11 (PCT/US2012/037493)

[87] (WO2012/166324)

[30] US (13/152,892) 2011-06-03

[21] **2,837,953**
[13] A1

[51] **Int.Cl. A24B 3/14 (2006.01) A24C 5/18 (2006.01) A24D 1/00 (2006.01) A24D 3/06 (2006.01) A24F 47/00 (2006.01)**

[25] EN

[54] **RODS FOR USE IN SMOKING ARTICLES**

[54] **BARRES DESTINEES A ETRE UTILISEES DANS DES ARTICLES A FUMER**

[72] GINDRAT, PIERRE-YVES, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2013-11-29

[86] 2012-05-31 (PCT/EP2012/060230)

[87] (WO2012/164009)

[30] EP (11250571.4) 2011-05-31

[21] **2,837,954**
[13] A1

[51] **Int.Cl. A61K 6/027 (2006.01) C03B 32/02 (2006.01) C03C 10/00 (2006.01)**

[25] EN

[54] **DENTAL RESTORATION, METHOD FOR ITS PRODUCTION AND INGOT**

[54] **RESTAURATION DENTAIRE, SA METHODE DE PRODUCTION ET LINGOT**

[72] DURSCHANG, BERNHARD, DE

[72] PROBST, JORN, DE

[72] THIEL, NORBERT, DE

[72] GODIKER, MICHAEL, DE

[72] VOLLMANN, MARKUS, DE

[72] SCHUSSER, UDO, DE

[72] HACKNER, MICHAEL, DE

[71] VITA ZAHNFABRIK H. RAUTER GMBH & CO. KG, DE

[71] DEGUDENT GMBH, DE

[85] 2013-12-02

[86] 2012-06-21 (PCT/EP2012/061971)

[87] (WO2012/175615)

[30] US (61/499,843) 2011-06-22

[30] EP (11005104.2) 2011-06-22

[21] **2,837,955**
[13] A1

[51] **Int.Cl. E21B 47/10 (2012.01)**

[25] EN

[54] **ON-SITE REAL TIME DETECTION OF TRACERS**

[54] **DETECTION EN TEMPS REEL SUR SITE DE TRACEURS**

[72] KILAAS, LARS, NO

[71] RESMAN AS, NO

[85] 2013-12-02

[86] 2012-06-22 (PCT/NO2012/050117)

[87] (WO2012/177147)

[30] NO (20110912) 2011-06-24

[30] US (61/501,393) 2011-06-27

[21] **2,837,956**
[13] A1

[51] **Int.Cl. C07C 17/26 (2006.01) C07C 17/20 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF CHLORINATED AND/OR FLUORINATED PROPENES**

[54] **PROCEDE POUR LA PRODUCTION DE PROPENES CHLORES ET/OU FLUORES**

[72] TIRTOWIDJOJO, MAX MARKUS, US

[72] KRUPER, WILLIAM J., JR., US

[72] CHAKRABORTY, DEBASHIS, US

[72] HIRSEKORN, KURT FREDERICK, US

[71] DOW AGROSCIENCES, LLC, US

[85] 2013-12-02

[86] 2012-05-30 (PCT/US2012/039906)

[87] (WO2012/170239)

[30] US (61/494,455) 2011-06-08

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[21] **2,837,957**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **A METHOD FOR THE IDENTIFICATION OF BETA-SHEET AGGREGATED PROTEIN LIGANDS**
[54] **PROCEDE D'IDENTIFICATION DE LIGANDS PROTEIQUES AGREGES SOUS FORME DE FEUILLETS BETA**
[72] BORRONI, EDILIO, CH
[72] CZECH, CHRISTIAN, DE
[72] DORN, ARNULF, DE
[72] GOBBI, LUCA, CH
[72] GOETSCHY-MEYER, VALERIE, FR
[72] GRUENINGER, FIONA, CH
[72] ROTH, DORIS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-12-02
[86] 2012-06-19 (PCT/EP2012/061621)
[87] (WO2012/175458)
[30] EP (11170878.0) 2011-06-22

[21] **2,837,958**
[13] A1

[51] **Int.Cl. E21B 29/00 (2006.01)**
[25] EN
[54] **DOWNHOLE TUBING CUTTER TOOL**
[54] **OUTIL DE DISPOSITIF DE COUPE DE TUBULURE DE FOND DE TROU**
[72] HALLUNDBAEK, JORGEN, DK
[71] WELLTEC A/S, DK
[85] 2013-11-29
[86] 2012-05-31 (PCT/EP2012/060255)
[87] (WO2012/164023)
[30] EP (11168242.3) 2011-05-31

[21] **2,837,960**
[13] A1

[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **SENSOR SYSTEMS COMPRISING AUXILIARY ARTICLES**
[54] **SYSTEMES DE CAPTEUR COMPORTANT DES ARTICLES AUXILIAIRES**
[72] LAVON, GARY DEAN, US
[72] SCHOBER, UWE, DE
[72] LISSECK, LUTZ, DE
[72] HOLLINGER, STEFAN HUBERT, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-12-02
[86] 2012-05-30 (PCT/US2012/039943)
[87] (WO2012/166766)
[30] US (61/493,095) 2011-06-03

[21] **2,837,962**
[13] A1

[51] **Int.Cl. B65D 41/04 (2006.01) B65D 41/08 (2006.01) B65D 41/38 (2006.01) B65D 41/62 (2006.01)**
[25] EN
[54] **SCREW CAP**
[54] **CAPSULE DE BOUCHAGE A VIS**
[72] MARTINENGO, HERVE, FR
[71] AMCOR FLEXIBLES CAPSULES FRANCE, FR
[85] 2013-11-08
[86] 2012-05-02 (PCT/EP2012/001879)
[87] (WO2012/152404)
[30] EP (11354018.1) 2011-05-09

[21] **2,837,963**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR AND ROTOR BLADE FOR A WIND TURBINE**
[54] **ROTOR D'EOLIENNE COMPORTANT UNE PALE COURBEE**
[72] NAGLER, THOMAS, DE
[71] DEWIND EUROPE GMBH, DE
[85] 2013-11-29
[86] 2012-05-31 (PCT/EP2012/060312)
[87] (WO2012/164045)
[30] DE (10 2011 050 777.9) 2011-05-31

[21] **2,837,965**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **HUMANISED ANTI-CD52 ANTIBODIES**
[54] **ANTICORPS HUMANISES ANTI-CD52**
[72] JONES, TIMOTHY DAVID, GB
[72] HOLGATE, ROBERT GEORGE EDWARD, GB
[72] CARR, FRANCIS JOSEPH, GB
[71] ANTITOPE LTD, GB
[85] 2013-11-29
[86] 2012-06-01 (PCT/EP2012/060345)
[87] (WO2012/164063)
[30] GB (1109238.4) 2011-06-01
[30] US (61/492,005) 2011-06-01

[21] **2,837,966**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO ACCESS A PLURALITY OF DOCUMENT RESULT PAGES**
[54] **SYSTEME ET PROCEDE POUR ACCEDER A UNE PLURALITE DE PAGES DE RESULTATS DE DOCUMENTS**
[72] SIROVICH, JAIMIE, US
[72] PENZIAS, ELI, US
[71] SIROVICH, JAIMIE, US
[71] PENZIAS, ELI, US
[85] 2013-12-02
[86] 2012-05-30 (PCT/US2012/039950)
[87] (WO2012/166773)
[30] US (61/491,273) 2011-05-30
[30] US (61/492,975) 2011-06-03
[30] US (61/497,409) 2011-06-15
[30] US (13/483,019) 2012-05-29

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[21] **2,837,969**
[13] A1

[51] **Int.Cl. G01M 11/02 (2006.01) G01N 21/88 (2006.01)**

[25] EN

[54] **MULTIPLE RADIATION INSPECTION OF OPHTHALMIC LENSES**

[54] **INSPECTION DE LENTILLES OPHTALMIQUES PAR RAYONNEMENT MULTIPLE**

[72] SITES, PETER W., US

[72] EDWARDS, RUSSELL J., US

[72] CAGLE, KENNETH L., US

[72] DUBIN, MATTHEW B., US

[71] JOHNSON & JOHNSON VISION CARE, INC., US

[85] 2013-12-02

[86] 2012-05-30 (PCT/US2012/039995)

[87] (WO2012/166797)

[30] US (61/492,932) 2011-06-03

[21] **2,837,970**

[13] A1

[51] **Int.Cl. A23L 1/00 (2006.01) A23F 3/32 (2006.01) A23F 5/38 (2006.01) A23L 2/10 (2006.01) A23L 2/395 (2006.01) A23L 2/60 (2006.01)**

[25] EN

[54] **INSTANT SOLID BEVERAGE AND METHODS OF PREPARATION**

[54] **BOISSON SOLIDE INSTANTANEE ET SES PROCEDES DE PREPARATION**

[72] LIAN HWEE PENG, REBECCA, CN

[72] WANG, MICHAEL, CN

[72] ZHU, SHENGHUA, CN

[72] BAUER, WERNER, CH

[71] NESTEC S.A., CH

[85] 2013-12-02

[86] 2012-07-05 (PCT/EP2012/063116)

[87] (WO2013/004778)

[30] CN (201110203010.1) 2011-07-07

[21] **2,837,971**

[13] A1

[51] **Int.Cl. C12P 5/02 (2006.01) C02F 11/04 (2006.01)**

[25] EN

[54] **PROCESS FOR THE DIGESTION OF ORGANIC MATERIAL**

[54] **PROCEDE DE DIGESTION D'UNE MATIERE ORGANIQUE**

[72] BIJL, HENDRICK LOUIS, NL

[72] PELENC, VINCENT PASCAL, DE

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

[85] 2013-12-02

[86] 2012-06-26 (PCT/EP2012/062386)

[87] (WO2013/000928)

[30] EP (11171856.5) 2011-06-29

[30] EP (11175709.2) 2011-07-28

[21] **2,837,972**

[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01)**

[25] EN

[54] **INTERSPINOUS IMPLANT AND INSTRUMENT FOR IMPLANTING AN INTERSPINOUS IMPLANT**

[54] **IMPLANT INTER-EPINEUX ET INSTRUMENT POUR L'IMPLANTATION D'UN IMPLANT INTER-EPINEUX**

[72] DINVILLE, HERVE, FR

[72] LEQUETTE, SAMUEL, FR

[72] JODAITIS, ALEXANDRE, BE

[72] WOHNS, RICHARD, US

[72] TISSERAND, PHILIPPE, FR

[72] ZABEE, LAURENT, FR

[71] LDR MEDICAL, FR

[85] 2013-12-02

[86] 2012-07-02 (PCT/EP2012/062850)

[87] (WO2013/001097)

[30] FR (1155908) 2011-06-30

[30] FR (1251031) 2012-02-03

[21] **2,837,973**

[13] A1

[51] **Int.Cl. A61K 6/027 (2006.01) C03B 32/02 (2006.01) C03C 10/00 (2006.01)**

[25] EN

[54] **DENTAL RESTORATION, METHOD FOR PRODUCTION THEREOF AND GLASS CERAMIC RESTAURATION DENTAIRE, PROCEDE DE PRODUCTION ASSOCIE ET VITROCERAMIQUE**

[72] DURSCHANG, BERNHARD, DE

[72] PROBST, JORN, DE

[72] THIEL, NORBERT, DE

[72] GODIKER, MICHAEL, DE

[72] VOLLMANN, MARKUS, DE

[72] SCHUSSER, UDO, DE

[72] WIESNER, CARSTEN, DE

[71] VITA ZAHNFABRIK H. RAUTER GMBH & CO. KG, DE

[71] DEGUDENT GMBH, DE

[85] 2013-12-02

[86] 2012-06-18 (PCT/EP2012/061582)

[87] (WO2012/175450)

[30] EP (11005102.6) 2011-06-22

[30] US (61/499,815) 2011-06-22

[21] **2,837,974**

[13] A1

[51] **Int.Cl. G02B 6/12 (2006.01)**

[25] EN

[54] **THERMALLY COMPENSATED ARRAYED WAVEGUIDE GRATING ASSEMBLIES**

[54] **ENSEMBLES DE RESEAU SELECTIF PLANAIRE A COMPENSATION THERMIQUE**

[72] MCGINNIS, BRIAN P., US

[71] NEOPHOTONICS CORPORATION, US

[85] 2013-12-02

[86] 2012-05-31 (PCT/US2012/040096)

[87] (WO2012/166852)

[30] US (13/152,965) 2011-06-03

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[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **BISPECIFIC T CELL ACTIVATING ANTIGEN BINDING MOLECULES**

[54] **MOLECULES BISPECIFIQUES DE LIAISON A L'ANTIGENE ACTIVANT LES LYMPHOCYTES T.**

[72] AST, OLIVER, CH

[72] BRUENKER, PETER, CH

[72] FAUTI, TANJA, CH

[72] FREIMOSER-GRUNDSCHOBEN, ANNE, CH

[72] JAEGER, CHRISTIANE, CH

[72] KLEIN, CHRISTIAN, CH

[72] MOESSNER, EKKEHARD, CH

[72] UMANA, PABLO, CH

[71] ROCHE GLYCART AG, CH

[85] 2013-12-02

[86] 2012-08-21 (PCT/EP2012/066215)

[87] (WO2013/026833)

[30] EP (11178370.0) 2011-08-23

[30] EP (12168192.8) 2012-05-16

[21] **2,837,977**
[13] A1

[51] **Int.Cl. A01N 25/34 (2006.01) A01N 47/38 (2006.01) A01N 53/08 (2006.01) A01P 7/00 (2006.01)**

[25] EN

[54] **PARASITICIDAL COMBINATION COMPRISING INDOXACARB AND DELTAMETHRIN**

[54] **COMBINAISON PARASITICIDE COMPRENANT DE L'INDOXACARB ET DE LA DELTAMETHRINE**

[72] FLOCHLAY-SIGOGNAULT, ANNIE, FR

[72] GUERINO, FRANK, US

[72] LAPIED, BRUNO, FR

[71] INTERVET INTERNATIONAL B.V., NL

[85] 2013-12-02

[86] 2012-06-08 (PCT/US2012/041580)

[87] (WO2012/170836)

[30] US (61/494,608) 2011-06-08

[21] **2,837,978**
[13] A1

[51] **Int.Cl. E21B 47/022 (2012.01)**

[25] EN

[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM FOR PREDICTING BOREHOLE GEOMETRY**

[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR POUR PREDIRE UNE GEOMETRIE DE PUIITS DE FORAGE**

[72] MITCHELL, IAN DAVID

[72] CAMPBELL, US

[72] STRACHAN, MICHAEL JOHN

[72] MCLEOD, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-12-02

[86] 2011-06-14 (PCT/US2011/040333)

[87] (WO2012/173601)

[21] **2,837,979**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 31/00 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) A61K 47/34 (2006.01) C08G 73/02 (2006.01)**

[25] EN

[54] **MACROMOLECULES**

[54] **MACROMOLECULES**

[72] OWEN, DAVID, AU

[72] KELLY, BRIAN DEVLIN, AU

[72] KARELLAS, PETER, AU

[71] STARPHARMA PTY LTD, AU

[85] 2013-12-03

[86] 2012-06-06 (PCT/AU2012/000647)

[87] (WO2012/167309)

[30] US (61/493,886) 2011-06-06

[21] **2,837,980**
[13] A1

[51] **Int.Cl. B67D 1/04 (2006.01) B65D 77/04 (2006.01) B67D 1/08 (2006.01)**

[25] EN

[54] **A CONTAINER FOR STORING A LIQUID FOODSTUFF AND DISPENSING IT UNDER PRESSURE**

[54] **RECIPIENT DE STOCKAGE ET DE DISTRIBUTION D'UN ALIMENT LIQUIDE SOUS PRESSION**

[72] GEERT NORBERT, R. STANDAERT, BE

[72] IMAR, VANDEBRIEL, BE

[71] CARDIFF GROUP, NAAMLOZE VENNOOTSCHAP, BE

[85] 2013-12-03

[86] 2012-05-15 (PCT/BE2012/000024)

[87] (WO2012/167333)

[30] BE (2011/0352) 2011-06-09

[21] **2,837,981**
[13] A1

[51] **Int.Cl. C12Q 1/54 (2006.01) B01D 15/08 (2006.01) C07K 19/00 (2006.01) G01N 30/02 (2006.01)**

[25] EN

[54] **RAPID AND ACCURATE ANALYSIS OF PROTEIN SIALYLATION**

[54] **ANALYSE RAPIDE ET PRECISE DE LA SIALYLATION DE PROTEINES**

[72] WANG, ZIHAO, US

[72] SLOAN, JESSICA, US

[72] WEE, KEVIN, US

[71] GRIFOLS, S.A., ES

[85] 2013-12-02

[86] 2012-07-05 (PCT/ES2012/070501)

[87] (WO2013/011178)

[30] US (61/507,643) 2011-07-14

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[21] **2,837,985**
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR BLADE OF A WIND TURBINE, AND WIND TURBINE PALE DE ROTOR D'UNE EOLIENNE ET EOLIENNE**
[72] BENDEL, URS, DE
[72] FUGLSANG-PETERSEN, JOCHEN, DE
[72] OBERENDER, KARL-HERMANN, DE
[71] REPOWER SYSTEMS SE, DE
[85] 2013-12-03
[86] 2012-06-01 (PCT/EP2012/002327)
[87] (WO2012/167891)
[30] DE (10 2011 077 402.5) 2011-06-10

[21] **2,837,986**
[13] A1

[51] **Int.Cl. B29B 15/12 (2006.01) B29B 15/14 (2006.01) B29C 39/16 (2006.01) B29C 70/50 (2006.01) H02K 7/02 (2006.01) H02K 15/02 (2006.01) H02K 15/03 (2006.01) H02K 15/12 (2006.01)**
[25] EN
[54] **MAGNETICALLY LOADED COMPOSITE ROTORS AND TAPES USED IN THE PRODUCTION THEREOF**
[54] **ROTORS COMPOSITES CHARGES MAGNETIQUEMENT ET BANDES UTILISEES DANS LA FABRICATION DE CEUX-CI**
[72] TARRANT, COLIN DAVID, GB
[72] DAY, GORDON MICHAEL DORRINGTON, GB
[71] WILLIAMS HYBRID POWER LTD., GB
[85] 2013-12-02
[86] 2012-06-14 (PCT/GB2012/051367)
[87] (WO2012/172355)
[30] GB (1110233.2) 2011-06-16

[21] **2,837,987**
[13] A1

[51] **Int.Cl. A23L 1/237 (2006.01) A23K 1/175 (2006.01) A23L 1/03 (2006.01) A23L 1/304 (2006.01) C01D 3/06 (2006.01) C01F 5/30 (2006.01)**
[25] EN
[54] **CARNALLITE PREPARATION AND USES THEREOF IN EDIBLE APPLICATIONS**
[54] **PREPARATION DE CARNALLITE ET SES UTILISATIONS DANS APPLICATIONS COMESTIBLES**
[72] STACHIW, NANCY, US
[72] HEIDOLPH, BARBARA BUFE, US
[72] EFFENBERGER, REINHARD, IL
[72] STOVER, FREDERICK S., US
[72] ZHOU, LIRONG, US
[71] ICL PERFORMANCE PRODUCTS LP, US
[85] 2013-12-02
[86] 2012-05-31 (PCT/US2012/040100)
[87] (WO2012/166854)
[30] US (61/493,328) 2011-06-03

[21] **2,837,988**
[13] A1

[51] **Int.Cl. G07D 7/12 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **IN-LINE DECAY-TIME SCANNER**
[54] **DISPOSITIF DE BALAYAGE DE TEMPS D'AFFAIBLISSEMENT EN LIGNE**
[72] VASIC, MILAN, CH
[72] DUCA, NICOLA, CH
[71] SICPA HOLDING SA, CH
[85] 2013-12-03
[86] 2012-06-01 (PCT/EP2012/002339)
[87] (WO2012/167894)
[30] US (61/493,710) 2011-06-06

[21] **2,837,993**
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **LIGHT-EMITTING APPARATUS FOR TREATING AND/OR DIAGNOSING MOTOR-RELATED NEUROLOGICAL CONDITIONS**
[54] **APPAREILS D'EMISSION DE LUMIERE POUR TRAITER ET/OU DIAGNOSTIQUER DES ETATS NEUROLOGIQUES ASSOCIES A LA FONCTION MOTRICE**
[72] SAVAGE, KENT W., US
[72] WILLIS, GREGORY LYNN, US
[72] ADAMS, DANIEL N., US
[71] PHOTOPHARMICS, INC., US
[85] 2013-12-02
[86] 2012-05-31 (PCT/US2012/040284)
[87] (WO2012/166972)
[30] US (61/491,864) 2011-05-31

[21] **2,837,994**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **CLUSTERING PROCESSING METHOD AND DEVICE FOR VIRUS FILES**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE REGROUPEMENT POUR FICHIERS DE VIRUS**
[72] YU, TAO, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2013-12-03
[86] 2012-07-03 (PCT/CN2012/078104)
[87] (WO2013/020426)
[30] CN (201110226879.8) 2011-08-09

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[21] **2,837,995**
[13] A1

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/37 (2006.01) A61P 7/04 (2006.01) C07K 14/755 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **METHOD OF PRODUCING FACTOR VIII PROTEINS BY RECOMBINANT METHODS**

[54] **PROCEDE DE PRODUCTION DE PROTEINES DU FACTEUR VIII PAR DES PROCEDES RECOMBINANTS**

[72] KAUFMAN, RANDAL J., US

[72] PIPE, STEVEN W., US

[72] GRIFFITH, MICHAEL, US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[71] INSPIRATION BIOPHARMACEUTICALS, INC., US

[85] 2013-12-02

[86] 2012-06-01 (PCT/US2012/040376)

[87] (WO2012/170289)

[30] US (13/153,040) 2011-06-03

[21] **2,837,996**
[13] A1

[51] **Int.Cl. H05H 1/26 (2006.01)**

[25] EN

[54] **COARSE HARD-METAL PARTICLE INTERNAL INJECTION TORCH AND ASSOCIATED COMPOSITIONS, SYSTEMS, AND METHODS**

[54] **TORCHE D'INJECTION INTERNE DE PARTICULES DE METAL DUR GROSSIERES ET COMPOSITIONS, SYSTEMES ET PROCEDES ASSOCIES**

[72] BIRD, JAY S., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-12-02

[86] 2011-06-15 (PCT/US2011/040448)

[87] (WO2012/173611)

[21] **2,837,998**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/42 (2006.01) G01N 33/00 (2006.01)**

[25] EN

[54] **TECHNIQUES FOR PREDICTING, DETECTING AND REDUCING ASPECIFIC PROTEIN INTERFERENCE IN ASSAYS INVOLVING IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS**

[54] **TECHNIQUES PERMETTANT DE PREDIRE, DETECTER ET REDUIRE UNE INTERFERENCE PROTEINIQUE SPECIFIQUE DANS DES DOSAGES IMPLIQUANT DES DOMAINES VARIABLES UNIQUES D'IMMUNOGLOBULINE**

[72] BAUMEISTER, JUDITH, BE

[72] BOUCHE, MARIE-PAULE LUCIENNE ARMANDA, BE

[72] BOUTTON, CARLO, BE

[72] BUYSE, MARIE-ANGE, BE

[72] SNOECK, VEERLE, BE

[72] STAELENS, STEPHANIE, BE

[71] ABLYNX NV, BE

[85] 2013-12-02

[86] 2012-06-25 (PCT/EP2012/062251)

[87] (WO2012/175741)

[30] US (61/500,360) 2011-06-23

[30] US (61/500,464) 2011-06-23

[30] EP (PCT/EP2011/067132) 2011-09-30

[30] US (61/541,368) 2011-09-30

[30] US (13/435,567) 2012-03-30

[30] EP (PCT/EP2012/061304) 2012-06-14

[21] **2,837,999**
[13] A1

[51] **Int.Cl. G01M 15/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR QUANTIFYING THE PRESENCE OF COMPONENTS IN VEHICLE EXHAUST**

[54] **SYSTEME ET PROCEDE POUR QUANTIFIER LA PRESENCE DE COMPOSANTS DANS L'ECHAPPEMENT D'UN VEHICULE**

[72] STEDMAN, DONALD H., US

[71] ENVIROTEST SYSTEMS HOLDINGS CORP., US

[85] 2013-12-02

[86] 2012-06-01 (PCT/US2012/040420)

[87] (WO2012/167049)

[30] US (13/153,151) 2011-06-03

[21] **2,838,001**
[13] A1

[51] **Int.Cl. B66F 7/28 (2006.01) B66F 3/16 (2006.01) B66F 3/22 (2006.01) B66F 3/46 (2006.01) B66F 7/06 (2006.01) B66F 7/14 (2006.01)**

[25] EN

[54] **DRIVEN GUIDE SYSTEMS FOR LIFTS**

[54] **SYSTEMES DE GUIDAGE MOTORISES POUR DISPOSITIFS DE LEVAGE**

[72] MCINTOSH, DAVID, CA

[72] SMITH, STEVE M., CA

[71] MCINTOSH, DAVID, CA

[71] SMITH, STEVE M., CA

[85] 2013-12-03

[86] 2011-06-03 (PCT/CA2011/050343)

[87] (WO2011/150525)

[30] US (61/351,040) 2010-06-03

[21] **2,838,002**
[13] A1

[51] **Int.Cl. B42C 7/00 (2006.01) B42C 9/00 (2006.01) B42D 3/00 (2006.01) B42F 13/00 (2006.01) G09F 15/02 (2006.01)**

[25] EN

[54] **ELEMENT FOR MANUFACTURING A BINDING FOLDER OR A DISPLAY BOARD AND METHOD THAT MAKES USE OF SUCH AN ELEMENT FOR MANUFACTURING THE BINDING FOLDER OR THE DISPLAY BOARD**

[54] **ELEMENT POUR LA FABRICATION D'UN CLASSEUR OU D'UN PANNEAU D'AFFICHAGE ET PROCEDE UTILISANT CET ELEMENT POUR LA FABRICATION DU CLASSEUR OU DU PANNEAU D'AFFICHAGE**

[72] PELEMAN, GUIDO, BE

[71] UNIBIND LIMITED, CY

[85] 2013-12-02

[86] 2012-06-11 (PCT/IB2012/001135)

[87] (WO2012/172404)

[30] BE (2011/0357) 2011-06-14

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[21] **2,838,003**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 40/06 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR EVALUATING DECISION OPPORTUNITIES**

[54] **SYSTEME ET PROCEDE D'EVALUATION D'OPPORTUNITES DE DECISION**

[72] ANDERSON, PATRICK L., US

[71] SUPPORTED INTELLIGENCE, LLC, US

[85] 2013-12-02

[86] 2012-06-01 (PCT/US2012/040431)

[87] (WO2012/167058)

[30] US (61/492,707) 2011-06-02

[21] **2,838,005**
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01) A61B 5/05 (2006.01) A61B 8/00 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR OPTOACOUSTIC GUIDANCE AND CONFIRMATION OF PLACEMENT OF INDWELLING MEDICAL APPARATUS**

[54] **PROCEDES ET APPAREILS POUR UN GUIDAGE ET UNE CONFIRMATION OPTOACOUSTIQUES DE LA POSE D'UN APPAREIL MEDICAL A DEMEURE**

[72] PROUGH, DONALD S., US

[72] ESENALIEV, RINAT O., US

[72] PETROV, YURIY, US

[72] PETROV, IRENE, US

[71] BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2013-12-02

[86] 2012-04-30 (PCT/US2012/035756)

[87] (WO2012/149519)

[30] US (61/480,482) 2011-04-29

[21] **2,838,006**
[13] A1

[51] **Int.Cl. A01N 25/24 (2006.01) A01P 1/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING HYDROGELS**

[54] **PROCEDE DE FABRICATION D'HYDROGELS**

[72] SANNINO, ALESSANDRO, IT

[72] DEMITRI, CHRISTIAN, IT

[72] ZOHAR, YISHAI, US

[72] HAND, BARRY JOSEPH, US

[72] RON, EYAL S., US

[71] GELESIS IP, LP, BM

[71] ONE S.R.L., IT

[85] 2013-11-29

[86] 2012-06-07 (PCT/US2012/041345)

[87] (WO2012/170682)

[30] US (61/494,298) 2011-06-07

[30] US (61/542,494) 2011-10-03

[21] **2,838,007**
[13] A1

[51] **Int.Cl. C12Q 1/37 (2006.01) C12N 9/48 (2006.01) C12P 21/06 (2006.01) G01N 33/483 (2006.01) G01N 30/72 (2006.01)**

[25] EN

[54] **A METHOD FOR SINGLE OXYGEN ATOM INCORPORATION INTO DIGESTED PEPTIDES USING PEPTIDASES**

[54] **PROCEDE POUR INCORPORER UN SEUL ATOME D'OXYGENE DANS DES PEPTIDES DIGERES AU MOYEN DES PEPTIDASES**

[72] MIYAGI, MASARU, US

[72] RAO, K.C. SEKHAR, US

[71] UNIVERSITY OF NORTH DAKOTA, US

[85] 2007-05-15

[86] 2005-11-15 (PCT/US2005/041498)

[87] (WO2006/055615)

[30] US (60/627,819) 2004-11-15

[21] **2,838,009**
[13] A1

[51] **Int.Cl. F21V 15/01 (2006.01) F21V 25/12 (2006.01) F21V 29/02 (2006.01)**

[25] EN

[54] **COOLING SYSTEM AND LED BASED LIGHT COMPRISING SAME**

[54] **SYSTEME DE REFROIDISSEMENT ET LUMINAIRE A DEL CONTENANT CELUI-CI**

[72] SCHWARTZ, GERHARD, DE

[72] BURMEISTER, JENS, DE

[71] COOPER CROUSE-HINDS GMBH, DE

[85] 2013-12-03

[86] 2012-06-08 (PCT/EP2012/002445)

[87] (WO2012/167945)

[30] DE (102011103605.2) 2011-06-08

[21] **2,838,010**
[13] A1

[51] **Int.Cl. D21F 5/02 (2006.01) D21F 5/18 (2006.01)**

[25] EN

[54] **PROCESS FOR MANUFACTURING A YANKEE CYLINDER**

[54] **PROCEDE DE PRODUCTION D'UN CYLINDRE FRICTIONNEUR**

[72] KRASSER, JOSEF, AT

[72] MAIER, MARKUS, AT

[72] KAHSIOVSKY, LUDWIG, AT

[72] SCHMIDHOFER, RUPERT, AT

[71] ANDRITZ AG, AT

[85] 2013-09-12

[86] 2012-03-19 (PCT/EP2012/001199)

[87] (WO2012/126602)

[30] AT (A 396/2011) 2011-03-21

[30] EP (11007162.8) 2011-09-05

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[21] **2,838,011**
[13] A1

[51] **Int.Cl. A61M 39/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **MEDICAL TUBES AND METHODS OF MANUFACTURE**
[54] **TUBES MEDICAUX ET PROCEDES DE FABRICATION**
[72] STOKS, ELMO BENSON, NZ
[72] NORTH, CHARLES CHRISTOPHER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2013-12-02
[86] 2012-05-30 (PCT/IB2012/001786)
[87] (WO2012/164407)
[30] US (61/492,970) 2011-06-03
[30] US (61/610,109) 2012-03-13

[21] **2,838,012**
[13] A1

[51] **Int.Cl. F03B 3/10 (2006.01) F03B 13/06 (2006.01)**
[25] EN
[54] **PUMP/TURBINE SYSTEM**
[54] **ENSEMBLE POMPE-TURBINE**
[72] STUMMER, MANFRED, DE
[71] VOITH PATENT GMBH, DE
[85] 2013-12-03
[86] 2012-05-11 (PCT/EP2012/002051)
[87] (WO2012/175165)
[30] DE (10 2011 105 685.1) 2011-06-22

[21] **2,838,013**
[13] A1

[51] **Int.Cl. C07K 14/21 (2006.01) A61K 38/16 (2006.01)**
[25] EN
[54] **PSEUDOMONAS EXOTOXIN A WITH LESS IMMUNOGENIC T CELL AND/OR B CELL EPITOPES**
[54] **EXOTOXINE DE PSEUDOMONAS AYANT MOINS D'EPITOPES IMMUNOGENES DE LYMPHOCYTES T ET/OU DE LYMPHOCYTES B**
[72] PASTAN, IRA H., US
[72] MAZOR, RONIT, US
[72] ONDA, MASANORI, US
[72] VASSALL, AARON, US
[72] BEERS, RICHARD, US
[72] EBERLE, JAIME, US
[72] LIU, WENHAI, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2013-12-02
[86] 2012-06-07 (PCT/US2012/041234)
[87] (WO2012/170617)
[30] US (61/495,085) 2011-06-09
[30] US (61/535,668) 2011-09-16

[21] **2,838,014**
[13] A1

[51] **Int.Cl. E04C 2/54 (2006.01) E04D 3/28 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR SECURING TWO JUXTAPOSED PANELS TO A STRUCTURE SO AS TO ALLOW THERMAL EXPANSION AND CONTRACTION**
[54] **ENSEMBLE POUR FIXER SUR UNE STRUCTURE DEUX PANNEAUX JUXTAPOSES DE FACON A PERMETTRE LA DILATATION ET LA CONTRACTION THERMIQUE**
[72] BEN DAVID, MICHA, IL
[71] DAN-PAL, IL
[85] 2013-12-03
[86] 2012-06-21 (PCT/IL2012/050215)
[87] (WO2012/176207)
[30] IL (213693) 2011-06-21

[21] **2,838,015**
[13] A1

[51] **Int.Cl. B02C 2/04 (2006.01)**
[25] EN
[54] **GYRATORY CRUSHER WITH PISTON**
[54] **CONCASSEUR GYRATOIRE EQUIPE D'UN PISTON**
[72] ERIKSSON, BENGT-ARNE, SE
[72] NILSSON, MARTIN, SE
[72] ABERG, NIKLAS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2013-12-03
[86] 2012-05-29 (PCT/EP2012/059964)
[87] (WO2012/168109)
[30] EP (11168975.8) 2011-06-07

[21] **2,838,017**
[13] A1

[51] **Int.Cl. A61L 27/30 (2006.01) A61L 27/42 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **SURGICAL IMPLANT**
[54] **IMPLANT CHIRURGICAL**
[72] VOISARD, CYRIL, CH
[72] GEDET, PHILIPPE, CH
[72] BOUDUBAN, NICOLAS, CH
[71] DEPUY SYNTHES PRODUCTS, LLC, US
[85] 2013-12-02
[86] 2012-06-01 (PCT/US2012/040437)
[87] (WO2012/167063)
[30] US (61/492,985) 2011-06-03

[21] **2,838,018**
[13] A1

[51] **Int.Cl. G03F 7/00 (2006.01) B81C 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING THREE-DIMENSIONAL MONOLITHIC MICROFLUIDIC DEVICES**
[54] **PROCEDE DE FABRICATION DE DISPOSITIFS MICROFLUIDIQUES MONOLITHIQUES TRIDIMENSIONNELS**
[72] LENARDI, CRISTINA, IT
[72] TOCCHIO, ALESSANDRO, IT
[72] MARTELLO, FEDERICO, IT
[71] FONDAZIONE FILARETE PER LE BIOSCIENZE E L'INNOVAZIONE, IT
[85] 2013-12-02
[86] 2012-05-31 (PCT/IB2012/052732)
[87] (WO2012/164512)
[30] IT (MI2011A000995) 2011-05-31

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[21] **2,838,021**
[13] A1

[51] **Int.Cl. H04N 21/8549 (2011.01) G06F 17/30 (2006.01) G11B 27/34 (2006.01) H04N 5/76 (2006.01)**

[25] EN

[54] **APPARATUS, SYSTEMS AND METHODS FOR PRESENTING A SUMMARY OF A MEDIA CONTENT EVENT**

[54] **APPAREIL, SYSTEMES ET PROCES PERMETTANT DE PRESENTER UN RESUME D'UN EVENEMENT DE CONTENU MULTIMEDIA**

[72] KISHORE, NANDURY V., IN

[71] SLING MEDIA PVT LTD, IN

[85] 2013-12-03

[86] 2011-06-08 (PCT/IN2011/000384)

[87] (WO2012/168943)

[21] **2,838,022**
[13] A1

[51] **Int.Cl. H02K 3/34 (2006.01) H02K 3/40 (2006.01)**

[25] EN

[54] **ASYNCHRONOUS MACHINE**

[54] **MACHINE ASYNCHRONE**

[72] HILDINGER, THOMAS, DE

[72] VESER, STEFAN, DE

[72] EILEBRECHT, PHILIPP, DE

[72] KOEDDING, LUDGER, DE

[71] VOITH PATENT GMBH, DE

[85] 2013-12-03

[86] 2012-06-13 (PCT/EP2012/002487)

[87] (WO2012/171635)

[30] DE (10 2011 106 480.3) 2011-06-14

[21] **2,838,023**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **HYDRAZINO 1H-IMIDAZOQUINOLIN-4-AMINES AND CONJUGATES MADE THEREFROM**

[54] **HYDRAZINO 1H-IMIDAZOQUINOLEINE-4-AMINES ET CONJUGUES OBTENUS A PARTIR DE CELLES-CI**

[72] WIGHTMAN, PAUL D., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2013-12-02

[86] 2012-06-01 (PCT/US2012/040461)

[87] (WO2012/167081)

[30] US (61/493,051) 2011-06-03

[30] US (61/493,143) 2011-06-03

[21] **2,838,025**
[13] A1

[51] **Int.Cl. B02C 2/00 (2006.01) B02C 2/04 (2006.01)**

[25] EN

[54] **HOLDING ARRANGEMENT FOR A RIM LINER OF A CRUSHER**

[54] **SUPPORT CONCU POUR LA GARNITURE DE REBORD D'UN CONCASSEUR**

[72] ERIKSSON, BENGTT-ARNE, SE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2013-12-03

[86] 2012-05-29 (PCT/EP2012/059967)

[87] (WO2012/168111)

[30] EP (11168972.5) 2011-06-07

[21] **2,838,026**
[13] A1

[51] **Int.Cl. B02C 2/04 (2006.01) B02C 25/00 (2006.01)**

[25] EN

[54] **METHOD FOR EMPTYING AN INERTIA CONE CRUSHER**

[54] **PROCEDE POUR VIDER UN BROYEUR A CONE A INERTIE**

[72] BELOTSERKOVSKIY, KONSTANTIN, SE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2013-12-03

[86] 2012-05-29 (PCT/EP2012/059971)

[87] (WO2012/171774)

[30] EP (11169686.0) 2011-06-13

[21] **2,838,028**
[13] A1

[51] **Int.Cl. B02C 2/00 (2006.01)**

[25] EN

[54] **CRUSHER, CRUSHING SHELL, AND METHOD OF ATTACHING CRUSHING SHELL**

[54] **BROYEUR, ENVELOPPE DE BROYAGE ET PROCEDE DE FIXATION D'ENVELOPPE DE BROYAGE**

[72] BELOTSERKOVSKIY, KONSTANTIN, SE

[72] GUNNARSSON, JOHAN, SE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2013-12-03

[86] 2012-05-29 (PCT/EP2012/059980)

[87] (WO2012/171778)

[30] EP (11170320.3) 2011-06-17

[21] **2,838,029**
[13] A1

[51] **Int.Cl. C07D 307/82 (2006.01) A61K 31/343 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **HETEROCYCLIC SULFONAMIDE DERIVATIVES**

[54] **DERIVES DE SULFONAMIDE HETEROCYCLIQUE**

[72] PODDUTOORI, RAMULU, IN

[72] WANG, CAN, CN

[72] ZHAO, XIANGLIN, CN

[71] NOVARTIS AG, CH

[85] 2013-12-02

[86] 2012-06-06 (PCT/IB2012/052860)

[87] (WO2012/168884)

[30] IN (1634/DEL/11) 2011-06-09

[30] CN (201210175145.6) 2012-05-31

[21] **2,838,030**
[13] A1

[51] **Int.Cl. A61K 31/138 (2006.01) A61K 31/439 (2006.01) A61K 31/58 (2006.01) A61K 45/06 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01)**

[25] EN

[54] **COMBINATION COMPRISING UMECLIDINIUM AND A CORTICOSTEROID**

[54] **COMBINAISON COMPRENANT DE L'UMECLIDINIUM ET UN CORTICOIDE**

[72] CRATER, GLENN, CA

[71] GLAXO GROUP LIMITED, GB

[85] 2013-12-03

[86] 2012-06-01 (PCT/EP2012/060444)

[87] (WO2012/168161)

[30] US (61/494,600) 2011-06-08

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[21] **2,838,031**
[13] A1

[51] **Int.Cl. A61K 31/138 (2006.01) A61K 31/439 (2006.01) A61K 31/58 (2006.01) A61K 45/06 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01)**

[25] EN

[54] **DRY POWDER INHALER COMPOSITIONS COMPRISING UMECLIDINIUM**

[54] **COMPOSITION POUR INHALATEUR DE POUDRE SECHE COMPRENANT DE L'UMECLIDINIUM**

[72] CRATER, GLENN, CA

[71] GLAXO GROUP LIMITED, GB

[85] 2013-12-03

[86] 2012-06-01 (PCT/EP2012/060442)

[87] (WO2012/168160)

[30] US (61/494,594) 2011-06-08

[21] **2,838,032**
[13] A1

[51] **Int.Cl. A61F 13/532 (2006.01) A61F 13/535 (2006.01)**

[25] EN

[54] **ABSORBENT STRUCTURE FOR ABSORBENT ARTICLES**

[54] **STRUCTURE ABSORBANTE DESTINEE A DES ARTICLES ABSORBANTS**

[72] ROSATI, RODRIGO, DE

[72] KREUZER, CARSTEN HEINRICH, DE

[72] JACKELS, HANS ADOLF, DE

[72] ARIZTI, BLANCA, DE

[72] BIANCHI, ERNESTO G., DE

[72] ROE, DONALD CARROLL, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-12-02

[86] 2012-06-08 (PCT/US2012/041492)

[87] (WO2012/170778)

[30] US (61/495,401) 2011-06-10

[21] **2,838,033**
[13] A1

[51] **Int.Cl. B65D 83/08 (2006.01) A47K 7/00 (2006.01)**

[25] EN

[54] **WET TISSUE PACKAGE**

[54] **CORPS D'EMBALLAGE DE TISSU HUMIDE**

[72] YAMADA, KIKUO, JP

[71] YAMADA, KIKUO, JP

[85] 2013-12-02

[86] 2012-07-03 (PCT/JP2012/004309)

[87] (WO2013/005421)

[30] JP (2011-149712) 2011-07-06

[21] **2,838,035**
[13] A1

[51] **Int.Cl. C01B 33/22 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) C01F 5/24 (2006.01)**

[25] EN

[54] **PROCESS FOR THE MINERALIZATION OF CARBON DIOXIDE**

[54] **PROCEDE DE MINERALISATION DU DIOXYDE DE CARBONE**

[72] GARTNER, ELLIS, FR

[72] PISCH, ALEXANDER, FR

[71] LAFARGE, FR

[85] 2013-12-03

[86] 2012-06-04 (PCT/EP2012/060480)

[87] (WO2012/168176)

[30] EP (11305696.4) 2011-06-07

[21] **2,838,036**
[13] A1

[51] **Int.Cl. C07D 491/14 (2006.01) C07D 491/147 (2006.01)**

[25] EN

[54] **TRICYCLIC ANTIBIOTICS**

[54] **ANTIBIOTIQUES TRICYCLIQUES**

[72] GAUCHER, BERANGERE, FR

[72] DANIEL, FRANCK HUBERT, FR

[72] XIE, TONG, CN

[72] XU, LIN, CN

[71] BASILEA PHARMACEUTICA AG, CH

[85] 2013-12-03

[86] 2012-06-11 (PCT/EP2012/060953)

[87] (WO2012/171860)

[30] EP (11170372.4) 2011-06-17

[21] **2,838,037**
[13] A1

[51] **Int.Cl. C07K 7/64 (2006.01) A61K 38/04 (2006.01)**

[25] EN

[54] **BETA - HAIRPIN PEPTIDOMIMETICS AS CXC4 ANTAGONISTS**

[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA UTILISES COMME ANTAGONISTES DE CXC4**

[72] OBRECHT, DANIEL, CH

[72] GOMBERT, FRANK OTTO, CH

[72] ZIMMERMANN, JOHANN, DE

[71] POLYPHOR AG, CH

[85] 2013-12-03

[86] 2012-06-06 (PCT/EP2012/060763)

[87] (WO2012/168336)

[30] EP (PCT/EP2011/059402) 2011-06-07

[21] **2,838,038**
[13] A1

[51] **Int.Cl. H04B 1/04 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **TRANSMITTING APPARATUS, RECEIVING APPARATUS, COMMUNICATION SYSTEM, AND COMMUNICATION METHOD**

[54] **APPAREIL DE TRANSMISSION, APPAREIL DE RECEPTION, SYSTEME DE COMMUNICATION ET PROCEDE DE COMMUNICATION**

[72] HASEGAWA, FUMIHIRO, JP

[71] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2013-12-02

[86] 2012-02-23 (PCT/JP2012/054468)

[87] (WO2012/176495)

[30] JP (2011-138432) 2011-06-22

[21] **2,838,039**
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/122 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **LIQUID PHARMACEUTICAL COMPOSITION COMPRISING NITISINONE**

[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE COMPRENANT DE LA NITISINONE**

[72] SVENSSON, LENNART, SE

[72] SIDEN, HANS, SE

[71] SWEDISH ORPHAN BIOVITRUM INTERNATIONAL AB, SE

[85] 2013-12-03

[86] 2012-06-20 (PCT/SE2012/050681)

[87] (WO2012/177214)

[30] SE (1150585-6) 2011-06-23

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[21] **2,838,040**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 16/02 (2009.01) H04W 16/28 (2009.01) H04W 28/16 (2009.01) H04W 48/20 (2009.01)**

[25] EN

[54] **COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, AND PROGRAM**

[54] **DISPOSITIF DE COMMANDE DE COMMUNICATION, ET PROCEDE ET PROGRAMME DE COMMANDE DE COMMUNICATION**

[72] TAKANO, HIROAKI, JP

[71] SONY CORPORATION, JP

[85] 2013-12-02

[86] 2012-05-30 (PCT/JP2012/063884)

[87] (WO2013/005510)

[30] JP (2011-150549) 2011-07-07

[21] **2,838,041**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **METHODS FOR HANDLING BIOLOGICAL DRUGS CONTAINING LIVING CELLS**

[54] **PROCEDES DE MANIPULATION DE MEDICAMENTS BIOLOGIQUES CONTENANT DES CELLULES VIVANTES**

[72] HAR-NOY, MICHAEL, IL

[71] IMMUNOVATIVE THERAPIES, LTD., IL

[85] 2013-12-02

[86] 2012-05-02 (PCT/US2012/036103)

[87] (WO2012/151266)

[30] US (61/481,991) 2011-05-03

[30] US (61/528,493) 2011-08-29

[30] US (61/565,225) 2011-11-30

[30] US (61/582,878) 2012-01-04

[21] **2,838,042**
[13] A1

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

[25] EN

[54] **IMPROVED BLOWOUT PREVENTER**

[54] **OBTURATEUR ANTI-ERUPTION AMELIORE**

[72] PENDLETON, GARY, US

[72] STRATULATE, GARY, US

[71] AXON EP, INC., US

[85] 2013-12-02

[86] 2012-06-08 (PCT/US2012/041544)

[87] (WO2012/170811)

[30] US (61/494,518) 2011-06-08

[21] **2,838,043**
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING LIGNOCELLULOSIC MATERIAL**

[54] **PROCEDES DE TRAITEMENT D'UNE MATIERE LIGNOCELLULOSIQUE**

[72] ZHANG, ZHANYING, AU

[72] O'HARA, IAN MARK, AU

[72] DOHERTY, WILLIAM ORLANDO SINCLAIR, AU

[71] SYNGENTA PARTICIPATIONS AG, CH

[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU

[85] 2013-12-03

[86] 2012-06-08 (PCT/EP2012/060865)

[87] (WO2012/168410)

[30] US (61/495,549) 2011-06-10

[30] US (61/570,444) 2011-12-14

[21] **2,838,045**
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01) C08H 8/00 (2010.01)**

[25] EN

[54] **METHODS FOR CONVERTING LIGNOCELLULOSIC MATERIAL TO USEFUL PRODUCTS**

[54] **PROCEDES DE CONVERSION DE MATERIAU LIGNOCELLULOSIQUE EN PRODUITS UTILES**

[72] ZHANG, ZHANYING, AU

[72] O'HARA, IAN MARK, AU

[72] DOHERTY, WILLIAM ORLANDO SINCLAIR, AU

[71] SYNGENTA PARTICIPATIONS AG, CH

[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU

[85] 2013-12-03

[86] 2012-06-08 (PCT/EP2012/060860)

[87] (WO2012/168407)

[30] US (61/495,541) 2011-06-10

[30] US (61/570,438) 2011-12-14

[21] **2,838,046**
[13] A1

[51] **Int.Cl. A61K 35/14 (2006.01) A61K 38/20 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **INDUCTION OF IL-12 USING IMMUNOTHERAPY**

[54] **INDUCTION D'IL-12 PAR IMMUNOTHERAPIE**

[72] HAR-NOY, MICHAEL, IL

[71] IMMUNOVATIVE THERAPIES, LTD., IL

[85] 2013-12-02

[86] 2012-05-02 (PCT/US2012/036123)

[87] (WO2012/151279)

[30] US (61/482,009) 2011-05-03

[30] US (61/528,484) 2011-08-29

[30] US (61/564,551) 2011-11-29

[30] US (61/582,881) 2012-01-04

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[21] **2,838,047**
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **SPINAL CORRECTION SYSTEM ACTUATORS**
[54] **ACTIONNEURS DE SYSTEME DE CORRECTION DE COLONNE VERTEBRALE**
[72] KROLL, RYAN M., US
[72] SEME, STEVEN J., US
[72] GISEL, THOMAS J., US
[72] KROLL, MARK W., US
[71] KSPINE, INC., US
[85] 2013-12-02
[86] 2012-06-01 (PCT/US2012/040493)
[87] (WO2012/167105)
[30] US (61/493,117) 2011-06-03

[21] **2,838,048**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **SPONSORSHIP SYSTEM**
[54] **SYSTEME DE PARRAINAGE**
[72] PUNTORIERO, ANTHONY, AU
[71] INSTANT SPONSOR.COM PTY LTD, AU
[85] 2013-12-03
[86] 2012-03-07 (PCT/AU2012/000237)
[87] (WO2012/162721)
[30] AU (2011902207) 2011-06-03
[30] AU (2011903301) 2011-08-18

[21] **2,838,050**
[13] A1

[51] **Int.Cl. F03B 17/06 (2006.01)**
[25] EN
[54] **HYDROKINETIC UNIT**
[54] **UNITE HYDROCINETIQUE**
[72] CAMPEANU, DAN, RO
[71] BULTOC, CALIN, RO
[85] 2013-12-03
[86] 2012-06-05 (PCT/RO2012/000011)
[87] (WO2012/165988)

[21] **2,838,051**
[13] A1

[51] **Int.Cl. C07D 249/08 (2006.01) A61K 31/4196 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A CHIRAL COMPOUND**
[54] **PROCEDE POUR LA PREPARATION D'UN COMPOSE CHIRAL**
[72] WILHELM, THORSTEN, AT
[72] LANGNER, MARTIN, AT
[71] SANDOZ AG, CH
[85] 2013-12-03
[86] 2012-06-14 (PCT/EP2012/061346)
[87] (WO2012/172015)
[30] EP (PCT/EP2011/060048) 2011-06-16

[21] **2,838,052**
[13] A1

[51] **Int.Cl. F03B 17/06 (2006.01)**
[25] EN
[54] **MODULAR HYDROKINETIC ASSEMBLY**
[54] **ENSEMBLE HYDROCINETIQUE MODULAIRE**
[72] CAMPEANU, DAN, RO
[71] BULTOC, CALIN, RO
[85] 2013-12-03
[86] 2012-06-05 (PCT/RO2012/000016)
[87] (WO2012/169920)

[21] **2,838,053**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/68 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTING ENDOMETRIAL OR OVARIAN CANCER**
[54] **PROCEDES ET COMPOSITIONS POUR DETECTER UN CANCER DE L'ENDOMETRE OU UN CANCER DE L'OVAIRE**
[72] PANNELL, LEWIS KENNETH, US
[72] FINAN, MICHAEL ALBERT, US
[72] ROCCONI, RODNEY P., US
[71] UNIVERSITY OF SOUTH ALABAMA, US
[85] 2013-12-02
[86] 2012-06-01 (PCT/US2012/040566)
[87] (WO2012/167163)
[30] US (61/520,108) 2011-06-03
[30] US (61/614,347) 2012-03-22

[21] **2,838,054**
[13] A1

[51] **Int.Cl. H04L 12/10 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **DISTRIBUTED ANTENNA SYSTEM USING POWER-OVER-ETHERNET**
[54] **SYSTEME D'ANTENNE DISTRIBUE UTILISANT UNE ALIMENTATION ELECTRIQUE PAR CABLE ETHERNET**
[72] HUNTER, ROGER A., JR., US
[72] MCALLISTER, DONALD ROBERT, US
[72] RANSON, CHRISTOPHER G., US
[72] KUMMETZ, THOMAS, US
[71] ANDREW LLC, US
[85] 2013-12-02
[86] 2012-06-08 (PCT/US2012/041576)
[87] (WO2012/170834)
[30] US (61/495,067) 2011-06-09

[21] **2,838,055**
[13] A1

[51] **Int.Cl. A61K 31/496 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **METHOD OF ADMINISTRATION OF 4-((1R,3S)-6-CHLORO-3-PHENYL-INDAN-1-YL)-1,2,2-TRIMETHYL-PIPERAZINE AND THE SALTS THEREOF IN THE TREATMENT OF SCHIZOPHRENIA**
[54] **PROCEDE D'ADMINISTRATION DE 4-((1R,3S)-6-CHLORO-3-PHENYL-INDAN-1-YL)-1,2,2-TRIMETHYL-PIPERAZINE ET DE SES SELS DANS LE TRAITEMENT DE LA SCHIZOPHRENIE**
[72] HOLM, RENE, DK
[72] BRUUN, LONE, DK
[71] H. LUNDBECK A/S, DK
[85] 2013-12-03
[86] 2012-06-20 (PCT/EP2012/061779)
[87] (WO2012/175531)
[30] DK (PA201100465) 2011-06-20
[30] US (61/498,653) 2011-06-20

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[21] **2,838,057**
[13] A1

[51] **Int.Cl. B23K 11/04 (2006.01) B23K 11/00 (2006.01)**
[25] EN
[54] **FORCED FREEZE WELDING OF ADVANCED HIGH STRENGTH STEELS**
[54] **SOUDAGE A CONGELATION FORCEE D'ACIERS A HAUTE RESISTANCE AVANCES**
[72] MATTESON, ROBERT P., US
[71] TAYLOR WINFIELD TECHNOLOGIES, INC., US
[85] 2013-12-02
[86] 2012-06-04 (PCT/US2012/040668)
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[30] US (13/151,875) 2011-06-02

[21] **2,838,058**
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[54] **ELEMENTS DE CONTACT DE PLAIE ET PROCEDES**
[72] HICKS, JOHN KENNETH, GB
[72] HUDDLESTON, ELIZABETH MARY, GB
[71] SMITH & NEPHEW PLC, GB
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[87] (WO2012/168678)
[30] GB (1109497.6) 2011-06-07
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[54] **METHOD, COMPOSITION, AND ARTICLES FOR IMPROVING JOINT LUBRICATION**
[54] **PROCEDE, COMPOSITION, ET ARTICLES POUR AMELIORER UNE LUBRIFICATION D'ARTICULATION**
[72] LAICO, JOSEPH P., US
[71] MAGUIRE ABBEY, LLC, US
[85] 2013-12-02
[86] 2012-06-04 (PCT/US2012/040675)
[87] (WO2012/167226)
[30] US (61/493,124) 2011-06-03

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[54] **METHOD AND DEVICE FOR AUTOMATICALLY DETECTING MARINE ANIMALS**
[54] **METHODE ET DISPOSITIF DE DETECTION AUTOMATIQUE D'ANIMAUX MARINS**
[72] GERVAISE, CEDRIC, FR
[71] SERCEL, FR
[85] 2013-12-03
[86] 2012-06-19 (PCT/EP2012/061685)
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[54] **CLEAVABLE LIPIDS**
[54] **LIPIDES CLIVABLES**
[72] HEARTLEIN, MICHAEL, US
[72] GUILD, BRAYDON CHARLES, US
[72] DEROSA, FRANK, US
[72] ZHANG, JERRY CHI, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2013-12-02
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[13] A1

[51] **Int.Cl. A61L 15/22 (2006.01) A61F 13/02 (2006.01) A61F 13/15 (2006.01) A61K 9/70 (2006.01)**
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[54] **DRESSINGS AND RELATED METHODS THEREFOR**
[54] **PANSEMENTS ET PROCEDES ASSOCIES POUR CEUX-CI**
[72] MOGHE, AJIT K., US
[72] GAHAN, RICHARD E., US
[72] PATEL, HARISH A., US
[71] COVIDIEN LP, US
[85] 2013-12-02
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PRECIPITATED CALCIUM CARBONATE, PRECIPITATED CALCIUM CARBONATE AND USES THEREOF**
[54] **PROCEDE DE PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE, CARBONATE DE CALCIUM PRECIPITE ET SES UTILISATIONS**
[72] SKRZYPCZAK, MATHIEU, FR
[72] MAURER, MARC, FR
[72] SCHMOLZER, THOMAS, AT
[71] OMYA INTERNATIONAL AG, CH
[85] 2013-12-03
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[54] **SYSTEMS AND METHODS FOR IMPROVED INTERACTIVE CONTENT SHARING IN VIDEO COMMUNICATION SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LE PARTAGE DE CONTENU INTERACTIF DANS DES SYSTEMES DE COMMUNICATION VIDEO**
[72] ELEFThERiADiS, ALEXANDROS, US
[72] SHAPIRO, OFER, US
[72] SHARON, RAN, US
[71] VIDYO, INC., US
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[54] **LIPID NANOPARTICLE COMPOSITIONS AND METHODS FOR MRNA DELIVERY**

[54] **COMPOSITIONS DE NANOPARTICULES LIPIDES ET PROCEDES POUR LE TRANSFERT D'ARNM**

[72] GUILD, BRAYDON CHARLES, US

[72] DEROSA, FRANK, US

[72] HEARTLEIN, MICHAEL, US

[71] SHIRE HUMAN GENETIC THERAPIES, INC., US

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[54] **SHORTENED TETRANECTIN-APOLIPOPROTEIN A-I FUSION PROTEIN, A LIPID PARTICLE CONTAINING IT, AND USES THEREOF**

[54] **PROTEINE HYBRIDE RACCOURCIE TETRANECTINE-APOLIPOPROTEINE A-I, PARTICULE LIPIDIQUE LA CONTENANT, ET UTILISATIONS ASSOCIEES**

[72] BADER, MARTIN, DE

[72] FALKENSTEIN, ROBERTO, DE

[72] SCHANTZ, CHRISTIAN, DE

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

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[54] **COMPRESSIVE DRESSING AND PRODUCTION PROCESS THEREOF**

[54] **PANSEMENT COMPRESSIF ET SON PROCEDE DE FABRICATION**

[72] LEPORE, EMILIANO, IT

[72] CAPOCELLI, ROBERTO, IT

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[54] **METHODS FOR CONVERTING LIGNOCELLULOSIC MATERIAL TO USEFUL PRODUCTS**

[54] **PROCEDES DE CONVERSION DE MATERIAU LIGNOCELLULOSIQUE EN PRODUITS UTILES**

[72] ZHANG, ZHANYING, AU

[72] O'HARA, IAN MARK, AU

[72] DOHERTY, WILLIAM ORLANDO SINCLAIR, AU

[72] RACKEMANN, DARRYN, AU

[71] SYNGENTA PARTICIPATIONS AG, CH

[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU

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[54] **ELECTRONIC QUEUING SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE MISE EN FILES D'ATTENTE ELECTRONIQUES**

[72] BACKER, ALEJANDRO, US

[72] MCCUNE, TIMOTHY ROSS, US

[71] QLESS, INC., US

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[54] **ENTRAINEMENT A CREMAILLERE POUR DEGRILLEUR AUTOMATIQUE**

[72] REISS, THOMAS J., JR., US

[71] HYDRO COMPONENT SYSTEMS, LLC, US

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[54] **WEAR ASSEMBLY**

[54] **ENSEMBLE D'USURE**

[72] CHEYNE, MARK A., US

[72] COWGILL, NOAH, US

[72] ROSKA, MICHAEL B., US

[72] CONKLIN, DONALD M., US

[72] ZENIER, SCOTT H., US

[72] HAINLEY, CHRIS J., US

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[25] EN
[54] **SUBSTITUTED CYCLOPROPYL COMPOUNDS, COMPOSITIONS CONTAINING SUCH COMPOUNDS, AND METHODS OF TREATMENT**
[54] **COMPOSES CYCLOPROPYLES SUBSTITUES, COMPOSITIONS CONTENANT DE TELS COMPOSES ET PROCEDES DE TRAITEMENT**
[72] MILLER, MICHAEL, US
[72] STAMFORD, ANDREW, US
[72] BASU, KALLOL, US
[72] WOOD, HAROLD B., US
[72] DEMONG, DUANE, US
[72] SUN, WANYING, US
[72] GARFUNKLE, JOIE, US
[72] MOYES, CHRISTOPHER, US
[72] HU, ZHIYONG, US
[72] LIU, PING, US
[72] EDMONDSON, SCOTT D., US
[72] DAI, XING, US
[72] DUBOIS, BYRON GABRIEL, US
[71] MERCK SHARP & DOHME CORP., US
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[51] **Int.Cl. B42D 3/00 (2006.01)**
[25] EN
[54] **BINDING COVER FOR BINDING A BUNDLE OF LEAVES**
[54] **RELIURE DESTINEE A RELIER UNE LIASSE DE FEUILLES**
[72] PELEMAN, GUIDO, BE
[71] UNIBIND LIMITED, CY
[85] 2013-12-02
[86] 2012-05-29 (PCT/IB2012/001036)
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[25] EN
[54] **CELLULOSE ESTERS HAVING MIXED-PHASE TITANIUM DIOXIDE PARTICLES FOR IMPROVED DEGRADATION**
[54] **ESTERS DE CELLULOSE PRESENTANT DES PARTICULES DE DIOXYDE DE TITANE A PHASES MIXTES A DEGRADATION AMELIOREE**
[72] WILSON, STEVEN ANTHONY, US
[72] STEACH, JEREMY KENNETH, US
[72] FAUVER, JERRY STEVEN, US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2013-12-02
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[54] **FIBER MANAGEMENT TRAY WITH RESTRICTED ACCESS REGION**
[54] **PLATEAU DE GESTION DE FIBRES DOTE D'UNE ZONE A ACCES RESTREINT**
[72] BRYON, ROEL MODEST WILLY, BE
[72] CLAESSENS, BART MATTIE, BE
[72] KEMPENEERS, DIRK, BE
[72] FOULON, WOUTER JAN RENILD, BE
[71] TYCO ELECTRONICS RAYCHEM BVBA, BE
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[30] EP (11169105.1) 2011-06-08

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[51] **Int.Cl. B26B 21/40 (2006.01)**
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[54] **RAZOR CARTRIDGE WITH SKIN CONTACT ELEMENT**
[54] **CARTOUCHE DE RASOIR MUNIE D'UN ELEMENT DE CONTACT AVEC LA PEAU**
[72] OGLESBY, OLIVER DAVID, GB
[72] PETERSON, MARK, GB
[71] THE GILLETTE COMPANY, US
[85] 2013-12-02
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[25] EN
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[54] **TEST DE DIAGNOSTIC MOLECULAIRE POUR UN CANCER**
[72] HARKIN, DENNIS PAUL, GB
[72] PATTERSON, FIONNUALA, GB
[72] TRINDER, CLAIRE, GB
[72] O'BRIEN, EAMONN J., GB
[72] MICHIE, CAROLINE, GB
[72] GOURLEY, CHARLIE, GB
[72] HILL, LAURA A., GB
[72] KEATING, KATHERINE E., GB
[72] O'DONNELL, JUDE, GB
[72] BYLESJO, MAX, GB
[72] DEHARO, STEVE, GB
[72] PROUTSKI, VITALI, GB
[72] KENNEDY, RICHARD, GB
[72] DAVISON, TIMOTHY, GB
[72] WINTER, ANDREAS, DE
[72] MCCAIVIGAN, ANDRENA, IE
[71] ALMAC DIAGNOSTICS LIMITED, GB
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[54] **FUEL SUPPLY SYSTEM AND EARTH-MOVING MACHINE**

[54] **SYSTEME D'ALIMENTATION EN CARBURANT ET MACHINE DE CONSTRUCTION**

[72] TOJIMA, MASANORI, JP

[72] SUDOU, TSUGIO, JP

[72] TAKEDA, KOJI, JP

[72] YAMASHITA, KOUICHI, JP

[71] KOMATSU LTD., JP

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[54] **HIV-1 GENOTYPING ASSAY FOR GLOBAL SURVEILLANCE OF HIV-1 DRUG RESISTANCE**

[54] **ESSAI DE GENOTYPAGE DE VIH-1 POUR LA SURVEILLANCE GLOBALE D'UNE RESISTANCE A UN MEDICAMENT DE VIH-1**

[72] YANG, CHUNFU, US

[72] ZHOU, ZHIYONG, US

[72] WAGAR, NICHOLAS, US

[72] DEVOS, JOSHUA R., US

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[86] 2012-07-05 (PCT/US2012/045523)

[87] (WO2013/006684)

[30] US (61/504,522) 2011-07-05

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[25] EN

[54] **NEW CYCLOPENTA[B]FLUORENYL TRANSITION METAL COMPOUND, CATALYST COMPOSITION CONTAINING THE SAME, AND METHOD OF PREPARING ETHYLENE HOMOPOLYMER OR COPOLYMER OF ETHYLENE AND A-OLEFIN USING THE SAME**

[54] **COMPOSE INEDIT DE TYPE METAL DE TRANSITION A BASE DE CYCLOPENTA[B]FLUORENYLE, COMPOSITION DE CATALYSEUR EN CONTENANT ET PROCEDE DE PREPARATION D'UN HOMOPOLYMER D'ETHYLENE OU D'UNCOPOLYMER D'ETHYLENE ET D'A-OLEFINE L'UTILISANT**

[72] SHIN, DONG CHEOL, KR

[72] LEE, HO SEONG, KR

[72] KIM, SEONG KYUN, KR

[72] LEE, SANG ICK, KR

[72] KIM, SUN YOUNG, KR

[72] HAHN, JONG SOK, KR

[72] JEON, CHAN WOONG, KR

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[71] SK GLOBAL CHEMICAL CO., LTD., KR

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[13] A1

[51] **Int.Cl. F16G 13/16 (2006.01) B25J 19/00 (2006.01) H02G 3/04 (2006.01) H02G 11/00 (2006.01)**

[25] EN

[54] **SUPPORT MODULE OF SLEEVE FOR TRANSMISSION LINE**

[54] **MODULE DE SUPPORT DE MANCHON POUR LIGNE DE TRANSMISSION**

[72] SHIN, MU HYUN, KR

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[30] KR (10-2011-0058622) 2011-06-16

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[54] **MASTERLESS LAYUP MANDREL TOOL**

[54] **MANDRIN D'EMPILAGE SANS MAITRE**

[72] MILLER, JEFFREY L., US

[72] LOUDERBACK, MICHAEL J., US

[71] THE BOEING COMPANY, US

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[30] US (13/291,084) 2011-11-07

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[13] A1

[51] **Int.Cl. H04N 9/80 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MEMORY JUMPING WITHIN STORED INSTANCES OF CONTENT**

[54] **SYSTEME ET PROCEDE POUR SAUT DE MEMOIRE AU SEIN D'INSTANCES STOCKEES DE CONTENU**

[72] KUMMER, DAVID A., US

[72] BEALS, WILLIAM MICHAEL, US

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

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[30] US (13/291,014) 2011-11-07

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[51] **Int.Cl. A01N 37/08 (2006.01) A61K 31/557 (2006.01)**

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[54] **METHODS AND COMPOSITIONS FOR TREATING RAYNAUD'S DISEASE**

[54] **PROCEDES ET COMPOSITIONS POUR TRAITER LA MALADIE DE RAYNAUD**

[72] FRANK, DANIEL W., US
[72] MARTIN, RICHARD, US
[72] DAMAJ, BASSAM B., US
[71] NEXMED HOLDINGS, INC., US
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[13] A1

[51] **Int.Cl. A01N 43/42 (2006.01) A61K 31/44 (2006.01)**

[25] EN

[54] **SKIN TREATMENTS CONTAINING PYRROLOQUINOLINE QUINONE (PQQ) ESTERS AND METHODS OF PREPARATION AND USE THEREOF**

[54] **TRAITEMENTS DE LA PEAU CONTENANT DES ESTERS DE PYRROLOQUINOLEINE QUINONE (PQQ) ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**

[72] LEWIS, JOSEPH ABERNATHY, US
[72] DINARDO, JOSEPH C., US
[72] THOMPSON, ANDREW S., US
[72] LAMBERSON, CAROL RENEE, US
[71] US COSMECEUTECHS, LLC, US
[85] 2013-12-02
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[51] **Int.Cl. C08J 5/18 (2006.01) H01L 31/042 (2014.01) H05K 1/03 (2006.01)**

[25] EN

[54] **NON-COMBUSTIBLE FILM, DISPERSION LIQUID FOR NON-COMBUSTIBLE FILMS, METHOD FOR PRODUCING NON-COMBUSTIBLE FILM, SOLAR CELL BACK SHEET, FLEXIBLE BOARD, AND SOLAR CELL**

[54] **FILM INCOMBUSTIBLE, LIQUIDE DE DISPERSION POUR FILMS INCOMBUSTIBLES, PROCEDE DE PRODUCTION DE FILM INCOMBUSTIBLE, FEUILLE DE FOND POUR PILE PHOTOVOLTAIQUE; CARTE SOUPLE, ET PILE PHOTOVOLTAIQUE**

[72] BANDO, SEIJI, JP
[72] HAYASHIZAKA, NORIYUKI, JP
[72] UMEDA, YUKI, JP
[72] KAWASAKI, KAZUNORI, JP
[72] EBINA, TAKEO, JP
[72] HAYASHI, HIROMICHI, JP
[72] YOSHIDA, MANABU, JP
[72] YAMASHITA, TAKASHI, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[71] TOKYO UNIVERSITY OF SCIENCE EDUCATIONAL FOUNDATION ADMINISTRATIVE ORGANIZATION, JP
[85] 2013-12-03
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[30] JP (2011-129417) 2011-06-09
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[13] A1

[51] **Int.Cl. G11B 27/02 (2006.01) G11B 20/10 (2006.01)**

[25] EN

[54] **ENHANCED MEDIA RECORDINGS AND PLAYBACK**

[54] **ENREGISTREMENTS ET LECTURE DE CONTENU MULTIMEDIA PERFECTIONNE**

[72] CABANILLA, ALEXANDER J., US
[72] SHELDRIK, JONATHAN, US
[72] TAUB, ROBERT, US
[71] MUSEAMI, INC., US
[85] 2013-12-02
[86] 2012-06-05 (PCT/US2012/040935)
[87] (WO2012/170432)
[30] US (61/493,476) 2011-06-05

[21] **2,838,117**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**

[25] EN

[54] **SYSTEM FOR PROVIDING CONTENT OR APPLICATION AND CONTROL METHOD THEREFOR, TERMINAL AND CONTROL METHOD THEREFOR, AUTHENTICATION DEVICE AND CONTROL METHOD THEREFOR, PROGRAM, AND INFORMATION STORAGE MEDIUM**

[54] **SYSTEME DE FOURNITURE D'ENSEMBLES DE CONTENUS ET D'APPLICATIONS ET SON PROCEDE DE COMMANDE, TERMINAL ET SON PROCEDE DE COMMANDE, DISPOSITIF D'AUTHENTIFICATION ET SON PROCEDE DE COMMANDE, PROGRAMME ET SUPPORT DE STOCKAGE D'INFORMATIONS**

[72] TAKAMI, SHINYA, JP
[71] RAKUTEN, INC., JP
[85] 2013-12-24
[86] 2012-02-27 (PCT/JP2012/054843)
[87] (WO2013/001851)
[30] JP (2011-146890) 2011-06-30

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) B82Y 5/00 (2011.01) A61K 41/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **IN SITU ANTIGEN-GENERATING CANCER VACCINE**

[54] **VACCIN ANTICANCEREUX DE GENERATION D'ANTIGENE IN SITU**

[72] GADISH, OR, US

[72] KIM, JAEYUN, KR

[72] MOONEY, DAVID J., US

[72] LI, WEIWEI, AILEEN, US

[72] ARANY, PRAVEEN, US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2013-12-02

[86] 2012-06-04 (PCT/US2012/040687)

[87] (WO2012/167230)

[30] US (61/493,398) 2011-06-03

[21] **2,838,127**
[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01) A61J 1/18 (2006.01) B65D 51/00 (2006.01) B65D 51/18 (2006.01) B65D 51/20 (2006.01)**

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[54] **STOPPING DEVICE AND CONTAINER COMPRISING SUCH A DEVICE**

[54] **DISPOSITIF DE BOUCHAGE ET RECIPIENT EQUIPE D'UN TEL DISPOSITIF**

[72] ANEAS, ANTOINE, FR

[71] BIOCORP RECHERCHE ET DEVELOPPEMENT, FR

[85] 2013-12-03

[86] 2012-06-07 (PCT/EP2012/060788)

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[30] FR (11 55015) 2011-06-08

[21] **2,838,132**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

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[54] **DEGRADING SENSOR DETECTION IMPLEMENTED WITHIN A TRANSMITTER**

[54] **DETECTION DEGRADATION DE CAPTEUR MISE EN ŒUVRE AU SEIN D'UN TRANSMETTEUR**

[72] RUD, JASON H., US

[71] ROSEMOUNT INC., US

[85] 2013-09-12

[86] 2012-03-02 (PCT/US2012/027409)

[87] (WO2012/128913)

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[30] US (13/236,002) 2011-09-19

[21] **2,838,155**
[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01)**

[25] EN

[54] **METHODS FOR REPAIRING TISSUE DAMAGE USING PROTEASE-RESISTANT MUTANTS OF STROMAL CELL DERIVED FACTOR-1**

[54] **PROCEDES DE REPARATION DE DOMMAGE TISSULAIRE A L'AIDE DE MUTANTS RESISTANT AUX PROTEASES DU FACTEUR 1 DERIVE DE CELLULES STROMALES**

[72] SANDRASAGRA, ANTHONY, US

[72] WU, WEITAO, US

[71] PROVASCULON, INC., US

[85] 2013-12-02

[86] 2012-06-06 (PCT/US2012/041054)

[87] (WO2012/170495)

[30] US (61/494,079) 2011-06-07

[21] **2,838,156**
[13] A1

[51] **Int.Cl. F41A 21/48 (2006.01)**

[25] EN

[54] **BARREL MOUNTING AND RETENTION MECHANISM**

[54] **MECANISME DE MONTAGE ET DE RETENTION DE CANON**

[72] KENNEY, DANIEL E., US

[72] RONKAINEN, JAMES W., US

[72] MATTESON, DAVID O., US

[72] WILKINSON, LUKE, US

[71] RA BRANDS, L.L.C., US

[85] 2013-12-02

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[87] (WO2012/170564)

[30] US (13/155,117) 2011-06-07

[21] **2,838,157**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ENHANCING AND EXTENDING VIDEO ADVERTISEMENTS**

[54] **SYSTEME ET PROCEDE POUR L'AMELIORATION ET L'EXTENSION DE PUBLICITES VIDEO**

[72] ZASLAVSKY, EDUARD, US

[72] VAYSMAN, ARTHUR, US

[71] WEBTUNER CORP., US

[85] 2013-12-02

[86] 2012-06-06 (PCT/US2012/041154)

[87] (WO2012/170574)

[30] US (61/493,619) 2011-06-06

[21] **2,838,158**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/385 (2006.01) A61P 37/04 (2006.01) C07C 233/69 (2006.01) C07D 207/46 (2006.01) C07D 213/82 (2006.01) C07D 249/18 (2006.01) C07D 471/04 (2006.01) C08G 65/333 (2006.01) C08G 65/334 (2006.01)**

[25] EN

[54] **HETEROBIFUNCTIONAL LINKERS WITH POLYETHYLENE GLYCOL SEGMENTS AND IMMUNE RESPONSE MODIFIER CONJUGATES MADE THEREFROM**

[54] **LIEURS HETEROBIFONCTIONNELS COMPORTANT DE SEGMENTS DE POLYETHYLENE GLYCOL ET CONJUGATES MODIFICATEURS DE REPOSE IMMUNITAIRE OBTENUS A PARTIR DE CEUX-CI**

[72] WIGHTMAN, PAUL D., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2013-12-02

[86] 2012-06-01 (PCT/US2012/040473)

[87] (WO2012/167088)

[30] US (61/493,143) 2011-06-03

[30] US (61/493,051) 2011-06-03

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[21] **2,838,159**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **MEDICAL NEEDLE REMOVAL AND STORAGE DEVICE**
[54] **DISPOSITIF MEDICAL DE RETRAIT ET DE STOCKAGE D'AIGUILLE**
[72] LIMAYE, AMIT UDAY, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2013-12-03
[86] 2011-06-08 (PCT/US2011/001031)
[87] (WO2012/169993)

[21] **2,838,161**
[13] A1

[51] **Int.Cl. E06B 9/06 (2006.01)**
[25] EN
[54] **METHOD OF STOWING AND DEPLOYING WALL PANELS**
[54] **PROCEDE POUR ESCAMOTER ET DEPLOYER DES PANNEAUX MURAUX**
[72] WILLIAMS, CHARLES, US
[71] HUF COR, INC., US
[85] 2013-12-03
[86] 2011-05-13 (PCT/US2011/036477)
[87] (WO2012/158147)

[21] **2,838,164**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD HAVING DYNAMIC RESPONSE TO LOCAL WELL CONDITIONS**
[54] **SYSTEME ET PROCEDE DE REGULATION DE FLUIDE POUR FOND DE PUIT A REACTION DYNAMIQUE AUX CONDITIONS DE PUIT LOCALES**
[72] GANO, JOHN CHARLES, US
[72] HOLDERMAN, LUKE WILLIAM, US
[72] FRIPP, MICHAEL LINLEY, US
[72] DYKSTRA, JASON D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-12-03
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[87] (WO2013/032433)

[21] **2,838,166**
[13] A1

[51] **Int.Cl. C10M 141/12 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **LUBRICATING GREASE COMPOSITION**
[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**
[72] BERET, SAMIL, US
[72] FAGAN, GIAN LAWRENCE, US
[71] CHEVRON U.S.A. INC., US
[85] 2013-12-03
[86] 2012-03-09 (PCT/US2012/028466)
[87] (WO2012/177300)
[30] US (13/168,098) 2011-06-24

[21] **2,838,167**
[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01)**
[25] FR
[54] **SYSTEM FOR CLOSING A DEVICE FOR THE LOW-PRESSURE DISPENSING OF A PASTY LIQUID MATERIAL**
[54] **SYSTEME DE FERMETURE D'UN DISPOSITIF DE DISTRIBUTION A BASSE PRESSION D'UN PRODUIT LIQUIDE A PATEUX**
[72] DOULIN, GWENAEL, FR
[72] HENNEMANN, PASCAL, FR
[72] RUSCONI, DOMINIQUE, FR
[71] PROMENS SA, FR
[85] 2013-12-03
[86] 2012-05-25 (PCT/FR2012/051176)
[87] (WO2013/001193)
[30] FR (1155686) 2011-06-27

[21] **2,838,168**
[13] A1

[51] **Int.Cl. F23R 3/00 (2006.01) F23R 3/60 (2006.01)**
[25] FR
[54] **ANNULAR COMBUSTION CHAMBER OF A TURBOMACHINE**
[54] **CHAMBRE DE COMBUSTION ANNULAIRE DE TURBOMACHINE**
[72] CARRERE, BERNARD, FR
[72] SAVARY, NICOLAS, FR
[71] TURBOMECA, FR
[85] 2013-12-03
[86] 2012-06-04 (PCT/FR2012/051240)
[87] (WO2012/168636)
[30] FR (1154984) 2011-06-08

[21] **2,838,170**
[13] A1

[51] **Int.Cl. G10L 19/02 (2013.01)**
[25] EN
[54] **AUDIO-ENCODING METHOD AND APPARATUS, AUDIO-DECODING METHOD AND APPARATUS, RECORDING MEDIUM THEREOF, AND MULTIMEDIA DEVICE EMPLOYING SAME**
[54] **PROCEDE ET APPAREIL DE CODAGE AUDIO, PROCEDE ET APPAREIL DE DECODAGE AUDIO, SUPPORT D'ENREGISTREMENT DE CEUX-CI ET DISPOSITIF MULTIMEDIA FAISANT APPEL A CEUX-CI**
[72] POROV, ANTON, RU
[72] OSIPOV, KONSTANTIN, RU
[72] CHOO, KI-HYUN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-12-02
[86] 2012-06-01 (PCT/KR2012/004362)
[87] (WO2012/165910)
[30] RU (2011-121982) 2011-06-01

[21] **2,838,171**
[13] A1

[51] **Int.Cl. C10M 169/04 (2006.01) C10M 107/00 (2006.01) C10M 141/12 (2006.01) C10M 171/00 (2006.01)**
[25] EN
[54] **LUBRICATING GREASE COMPOSITION**
[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**
[72] BERET, SAMIL, US
[72] FAGAN, GIAN LAWRENCE, US
[71] CHEVRON U.S.A. INC., US
[85] 2013-12-03
[86] 2012-03-16 (PCT/US2012/029373)
[87] (WO2013/015849)
[30] US (13/192,094) 2011-07-27

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[21] **2,838,173**
[13] A1

[51] **Int.Cl. H01J 9/50 (2006.01) G02F 1/13 (2006.01) H01J 9/52 (2006.01)**

[25] FR

[54] **METHOD FOR AT LEAST PARTIALLY DECONSTRUCTING A FLAT DISPLAY SCREEN**

[54] **PROCEDE DE DECONSTRUCTION AU MOINS PARTIELLE D'UN ECRAN PLAT DE VISUALISATION**

[72] SANGLIER, CHRISTOPHE, FR

[72] BODEVIN, ERIC, FR

[72] DOYEN, OLIVIER, FR

[72] FERNANDES, PAULO, FR

[71] VEOLIA PROPRETE, FR

[85] 2013-12-03

[86] 2012-06-04 (PCT/FR2012/051245)

[87] (WO2012/168638)

[30] FR (1155032) 2011-06-09

[21] **2,838,177**
[13] A1

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

[25] EN

[54] **SYSTEM AND METHOD FOR CONDITION MONITORING OF MACHINERY**

[54] **SYSTEME ET PROCEDE POUR SURVEILLANCE DE CONDITION D'EQUIPEMENT**

[72] SCHAFER, PAUL KEITH, US

[72] MCKEITHAN, DAVE, US

[72] PATTON, KENNETH, US

[72] YIN, DAN, US

[71] IMO INDUSTRIES INC, US

[85] 2013-12-03

[86] 2012-06-01 (PCT/US2012/040365)

[87] (WO2012/167013)

[30] US (61/493,027) 2011-06-03

[21] **2,838,178**
[13] A1

[51] **Int.Cl. G05B 19/4097 (2006.01) G06T 17/20 (2006.01)**

[25] FR

[54] **ADAPTIVE MACHINING METHOD FOR SMELTED BLADES**

[54] **PROCEDE D'USINAGE ADAPTATIF POUR AUBES DE FONDERIE**

[72] LOUESDON, YVON MARIE-JOSEPH, FR

[72] TAMI-LIZUZU, JOSEPH, FR

[72] QUACH, DANIEL, FR

[72] WEHRER, PATRICK, FR

[72] LEGEAI, DIDIER, FR

[71] SNECMA, FR

[85] 2013-12-03

[86] 2012-06-21 (PCT/FR2012/051421)

[87] (WO2012/175882)

[30] FR (1155424) 2011-06-21

[21] **2,838,179**
[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/00 (2006.01) A61K 31/4436 (2006.01) A61P 17/08 (2006.01) A61P 17/10 (2006.01)**

[25] EN

[54] **TARGETED DELIVERY OF RETINOID COMPOUNDS TO THE SEBACEOUS GLANDS**

[54] **ADMINISTRATION CIBLEE DE COMPOSES RETINOIDES AUX GLANDES SEBACEES**

[72] DONELLO, JOHN E., US

[72] YANG, RONG, US

[71] ALLERGAN, INC., US

[85] 2013-12-03

[86] 2012-06-01 (PCT/US2012/040375)

[87] (WO2012/167018)

[30] US (61/493,341) 2011-06-03

[21] **2,838,183**
[13] A1

[51] **Int.Cl. A61F 13/42 (2006.01)**

[25] EN

[54] **SENSOR SYSTEMS COMPRISING ANTI-CHOKING FEATURES**

[54] **SYSTEMES DE CAPTEUR COMPRENANT DES CARACTERISTIQUES ANTI-ENGORGEMENTS**

[72] LAVON, GARY DEAN, US

[72] RAJAGOPALAN, VIJAY, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-12-03

[86] 2012-05-30 (PCT/US2012/039940)

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[30] US (61/493,092) 2011-06-03

[30] US (61/493,100) 2011-06-03

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[13] A1

[51] **Int.Cl. E04B 2/56 (2006.01) E04B 2/72 (2006.01)**

[25] EN

[54] **STRONGER WALL SYSTEM**

[54] **SYSTEME MURAL PLUS SOLIDE**

[72] NIEMANN, MICHAEL, US

[71] HERCUWALL INC., US

[85] 2013-12-03

[86] 2012-06-04 (PCT/US2012/040779)

[87] (WO2012/167270)

[30] US (61/493,345) 2011-06-03

[21] **2,838,186**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07K 14/47 (2006.01)**

[25] EN

[54] **SCAFFOLD-KINASE INTERACTION BLOCKADES AND USES THEREOF IN TREATING CANCER**

[54] **BLOCAGES DES INTERACTIONS PROTEINE D'ECHAFAUDAGE/KINASE ET APPLICATIONS DANS LE TRAITEMENT DU CANCER**

[72] JAMESON, KATHERINE LAROQUE, US

[72] KHAVARI, PAUL A., US

[71] THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY, US

[85] 2013-12-03

[86] 2012-04-05 (PCT/US2012/032375)

[87] (WO2012/170113)

[30] US (61/494,774) 2011-06-08

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[21] **2,838,188**
[13] A1

[51] **Int.Cl. A61K 39/102 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATED TO P6 OF HAEMOPHILUS INFLUENZAE**
[54] **COMPOSITIONS ET PROCEDES ASSOCIES A LA PROTEINE P6 DE L'HAEMOPHILUS INFLUENZAE**
[72] KHAN, M. NADEEM, US
[72] KAUR, RAVINDER, US
[72] SHARMA, SHARAD, US
[72] CASEY, JANET, US
[72] MICHEL, LEA, US
[72] PICHICHERO, MICHAEL, US
[71] ROCHESTER GENERAL HOSPITAL RESEARCH INSTITUTE, US
[71] PICHICHERO, MICHAEL, US
[85] 2013-12-03
[86] 2012-06-04 (PCT/US2012/040772)
[87] (WO2012/170356)
[30] US (61/493,437) 2011-06-04

[21] **2,838,189**
[13] A1

[51] **Int.Cl. F16L 25/03 (2006.01) B29C 70/20 (2006.01) B29C 70/22 (2006.01) B29C 70/88 (2006.01) B64D 45/02 (2006.01) B64D 37/32 (2006.01)**
[25] EN
[54] **STATIC DISSIPATIVE FLUID CONVEYING COUPLER**
[54] **COUPLEUR STATIQUE DE TRANSPORT DE FLUIDE DISSIPATIF**
[72] COHEN, DAVID, US
[72] BERG, ARVID J., US
[72] IRWIN, JAMES P., US
[71] THE BOEING COMPANY, US
[85] 2013-12-03
[86] 2012-05-10 (PCT/US2012/037358)
[87] (WO2012/177334)
[30] US (13/166,199) 2011-06-22

[21] **2,838,192**
[13] A1

[51] **Int.Cl. C08K 3/20 (2006.01)**
[25] EN
[54] **WATER-BASED AMINE CURING AGENTS FOR CURABLE RESIN SYSTEMS**
[54] **AGENTS DURCISSEURS AMINES A BASE AQUEUSE POUR DES SYSTEMES DE RESINES DURCISSEABLES**
[72] KINCAID, DEREK SCOTT, US
[72] ZHOU, HUI, US
[71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US
[85] 2013-12-03
[86] 2012-06-05 (PCT/US2012/040818)
[87] (WO2012/170369)
[30] US (61/494,490) 2011-06-08

[21] **2,838,194**
[13] A1

[51] **Int.Cl. C07D 213/62 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING [(3-HYDROXYPYRIDINE-2-CARBONYL)AMINO]ALKANOIC ACIDS, ESTERS AND AMIDES**
[54] **PROCEDE DE PREPARATION D'ACIDES, ESTERS ET AMIDES [(3-HYDROXYPYRIDINE-2-CARBONYLE)AMINO]-ALCANOIQUES**
[72] LANTHIER, CHRISTOPHER M., CA
[72] GORIN, BORIS IVANOVICH, CA
[72] OUDENES, JAN, CA
[72] DIXON, CRAIG EDWARD, CA
[72] LU, ALAN QUIGHO, CA
[72] COPP, JAMES DENSMORE, US
[72] JANUSZ, JOHN MICHAEL, US
[71] AKEBIA THERAPEUTICS INC., US
[85] 2013-12-03
[86] 2012-06-05 (PCT/US2012/040833)
[87] (WO2012/170377)
[30] US (61/493,536) 2011-06-06

[21] **2,838,198**
[13] A1

[51] **Int.Cl. B01D 3/00 (2006.01)**
[25] EN
[54] **DISTILLATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DISTILLATION**
[72] IDDON, LISA, GB
[72] BHALLA, RAJIV, GB
[72] WILSON, ANTHONY, GB
[71] GE HEALTHCARE LIMITED, GB
[85] 2013-12-03
[86] 2012-06-07 (PCT/US2012/041204)
[87] (WO2012/170602)
[30] US (61/494,934) 2011-06-09
[30] US (61/531,212) 2011-09-06

[21] **2,838,199**
[13] A1

[51] **Int.Cl. F25B 21/02 (2006.01)**
[25] EN
[54] **THERMOELECTRIC COOLING SYSTEM FOR A FOOD AND BEVERAGE COMPARTMENT**
[54] **SYSTEME DE REFROIDISSEMENT THERMOELECTRIQUE POUR UN COMPARTIMENT D'ALIMENT ET DE BOISSON**
[72] LU, QIAO, US
[71] B/E AEROSPACE, INC., US
[85] 2013-12-03
[86] 2012-06-06 (PCT/US2012/041148)
[87] (WO2012/170570)
[30] US (61/494,197) 2011-06-07

[21] **2,838,201**
[13] A1

[51] **Int.Cl. G10L 19/02 (2013.01) G10L 21/02 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING A SIGNAL**
[54] **PROCEDE ET APPAREIL POUR CODER UN SIGNAL**
[72] GIBBS, JONATHAN A., GB
[71] MOTOROLA MOBILITY LLC, US
[85] 2013-12-03
[86] 2012-06-05 (PCT/US2012/040844)
[87] (WO2012/170385)
[30] US (13/157,371) 2011-06-10

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[21] **2,838,203**
[13] A1

[51] **Int.Cl. G06F 17/11 (2006.01) G06F 21/00 (2013.01)**
[25] EN
[54] **SQUARING BINARY FINITE FIELD ELEMENTS**
[54] **ELEVATION AU CARRE D'ELEMENT DE CHAMP FINI BINAIRE**
[72] LAMBERT, ROBERT, CA
[71] CERTICOM CORP., CA
[85] 2013-12-03
[86] 2011-06-06 (PCT/CA2011/050345)
[87] (WO2012/167345)

[21] **2,838,206**
[13] A1

[51] **Int.Cl. H01B 3/04 (2006.01) H01B 3/00 (2006.01) H01B 3/54 (2006.01) H01B 7/02 (2006.01)**
[25] EN
[54] **INSULATION MATERIALS HAVING APERTURES FORMED THEREIN**
[54] **MATERIAUX D'ISOLATION AYANT DES OUVERTURES FORMEES A L'INTERIEUR DE CEUX-CI**
[72] SEGLETES, DAVID S., US
[72] HAN, ZHAOHUI, US
[71] SIEMENS ENERGY, INC., US
[85] 2013-12-03
[86] 2012-05-16 (PCT/US2012/038027)
[87] (WO2012/170159)
[30] US (13/155,456) 2011-06-08

[21] **2,838,207**
[13] A1

[51] **Int.Cl. C40B 40/06 (2006.01) C12N 15/12 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS OF PREDICTING ACTIVITY OF RETINOID X RECEPTOR MODULATOR**
[54] **PROCEDES ET COMPOSITIONS POUR LA PREDICTION DE L'ACTIVITE D'UN MODULATEUR DU RECEPTEUR X DES RETINOIDES**
[72] LOU, WEN, US
[71] DENOVO BIOPHARMA (HANGZHOU) LTD. CO., CN
[85] 2013-12-03
[86] 2012-06-07 (PCT/US2012/041379)
[87] (WO2012/170704)
[30] US (61/494,773) 2011-06-08

[21] **2,838,208**
[13] A1

[51] **Int.Cl. F26B 3/02 (2006.01)**
[25] EN
[54] **DRYER CONFIGURED TO DRY AGRICULTURAL PRODUCTS AND ASSOCIATED METHOD**
[54] **SECHOIR CONFIGURE POUR SECHER DES PRODUITS AGRICOLES ET PROCEDE ASSOCIE**
[72] HUNTER, JAMES L., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2013-12-03
[86] 2012-06-05 (PCT/US2012/040890)
[87] (WO2012/170408)
[30] US (61/495,153) 2011-06-09

[21] **2,838,211**
[13] A1

[51] **Int.Cl. C07K 16/12 (2006.01) A61K 39/40 (2006.01) A61P 31/04 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-PSEUDOMONAS PSL BINDING MOLECULES AND USES THEREOF**
[54] **MOLECULES DE LIAISON ANTI-PSL DE PSEUDOMONAS ET LEURS UTILISATIONS**
[72] DIGIANDOMENICO, ANTONIO, US
[72] WARRENER, PAUL G., US
[72] STOVER, CHARLES K., US
[72] SELLMAN, BRET, US
[72] GUILLARD, SANDRINE, GB
[72] MINTER, RALPH, GB
[72] RUST, STEVEN, GB
[72] TOMICH, MLADEN, US
[71] MEDIMMUNE LIMITED, GB
[71] MEDIMMUNE, LLC, US
[85] 2013-12-03
[86] 2012-06-08 (PCT/US2012/041538)
[87] (WO2012/170807)
[30] US (61/495,460) 2011-06-10
[30] US (61/530,461) 2011-09-02
[30] US (61/613,317) 2012-03-20

[21] **2,838,217**
[13] A1

[51] **Int.Cl. A61K 39/36 (2006.01) C07K 14/02 (2006.01)**
[25] EN
[54] **PEPTIDE CARRIER FUSION PROTEINS AS ALLERGY VACCINES**
[54] **PROTEINES DE FUSION SUPPORT DE PEPTIDE COMME VACCINS CONTRE DES ALLERGIES**
[72] NIESPODZIANA, KATARZYNA, AT
[72] FOCKE-TEJKL, MARGARETE, AT
[72] VRTALA, SUSANNE, AT
[72] BANERJEE, SRINITA, AT
[72] CHEN, KUAN-WEI, AT
[72] WEBER, MILENA, AT
[72] VALENTA, RUDOLF, AT
[72] MARTH, KATHARINA, AT
[71] BIOMAY AG, AT
[85] 2013-12-04
[86] 2012-06-11 (PCT/EP2012/061040)
[87] (WO2012/168487)
[30] EP (11169365.1) 2011-06-09

[21] **2,838,220**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **SELECTIVE ELIMINATION OF EROSIIVE CELLS**
[54] **ELIMINATION SELECTIVE DE CELLULES EROSIVES**
[72] SODERSTROM, KALLE, DK
[72] GALSGAARD, ELISABETH DOUGLAS, DK
[71] NOVO NORDISK A/S, DK
[85] 2013-12-04
[86] 2012-06-18 (PCT/EP2012/061583)
[87] (WO2012/172102)
[30] EP (11170402.9) 2011-06-17
[30] US (61/501,533) 2011-06-27

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[21] **2,838,223**
[13] A1

[51] **Int.Cl. C07D 243/24 (2006.01) A61K 31/5513 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) C07D 267/14 (2006.01) C07D 291/08 (2006.01) C07D 403/06 (2006.01) C07D 413/06 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 419/06 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**

[25] EN

[54] **FUSED BENZOXAZEPINONES AS ION CHANNEL MODULATORS**

[54] **BENZOXAZEPINONES FUSIONNES EN TANT QUE MODULATEURS DES CANAUX IONIQUES**

[72] CORKEY, BRITTON KENNETH, US
[72] ELZEIN, ELFATIH, US
[72] JIANG, ROBERT H., US
[72] KALLA, RAO V., US
[72] KOLTUN, DMITRY, US
[72] LI, XIAOFEN, US
[72] MARTINEZ, RUBEN, US
[72] PARKHILL, ERIC Q., US
[72] PERRY, THAO, US
[72] ZABLOCKI, JEFF, US
[72] VENKATARAMANI, CHANDRASEKAR, US
[72] GRAUPE, MICHAEL, US
[72] GUERRERO, JUAN, US
[71] GILEAD SCIENCES, INC., US
[85] 2013-12-03
[86] 2012-06-29 (PCT/US2012/045086)
[87] (WO2013/006485)
[30] US (61/503,980) 2011-07-01
[30] US (61/582,160) 2011-12-30

[21] **2,838,224**
[13] A1

[51] **Int.Cl. C05D 9/02 (2006.01) C11D 3/33 (2006.01)**

[25] EN

[54] **MODIFIED AMINOCARBOXYLATES WITH IMPROVED STORAGE STABILITY AND PROCESSABILITY**

[54] **AMINOCARBOXYLATES MODIFIES AYANT UNE MEILLEURE STABILITE A L'ENTREPOSAGE ET UNE MEILLEURE OUVRABILITE**

[72] LANG, FRANK-PETER, DE
[71] BASF SE, DE
[85] 2013-12-04
[86] 2012-06-25 (PCT/EP2012/062187)
[87] (WO2013/000848)
[30] EP (11171904.3) 2011-06-29

[21] **2,838,226**
[13] A1

[51] **Int.Cl. G01N 21/17 (2006.01)**

[25] EN

[54] **REMOTE MEASUREMENT OF SHALLOW DEPTHS IN SEMI-TRANSPARENT MEDIA**

[54] **MESURE A DISTANCE DE PROFONDEURS REDUITES DANS UN MILIEU SEMI-TRANSPARENT**

[72] MITCHELL, STEVEN, US
[72] THAYER, JEFFREY P., US
[72] HAYMAN, MATTHEW, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, US
[85] 2013-12-03
[86] 2012-06-29 (PCT/US2012/045038)
[87] (WO2013/003771)
[30] US (61/503,314) 2011-06-30

[21] **2,838,228**
[13] A1

[51] **Int.Cl. B65G 17/34 (2006.01) B65G 47/96 (2006.01)**

[25] EN

[54] **ACTUATING UNIT FOR AN APPARATUS FOR SORTING ARTICLES**

[54] **UNITE D'ACTIONNEMENT DESTINEE A UN DISPOSITIF DE TRI PERMETTANT DE TRIER DES MARCHANDISES MANIPULEES A L'UNITE**

[72] DROSTE, HEINRICH, DE
[72] BERTRAN, THOMAS, DE
[72] KASER, UWE, DE
[71] INTERROLL HOLDING AG, CH
[85] 2013-12-04
[86] 2013-05-17 (PCT/EP2013/001479)
[87] (WO2013/174500)
[30] DE (10 2012 010 056.6) 2012-05-21

[21] **2,838,229**
[13] A1

[51] **Int.Cl. B23P 17/04 (2006.01) B23P 23/04 (2006.01) B65G 47/74 (2006.01)**

[25] EN

[54] **RAPID FABRICATION OF A COMPOSITE PART**

[54] **FABRICATION RAPIDE D'UN ELEMENT COMPOSITE**

[72] MILLER, JEFFREY L., US
[72] DOSTERT, STEPHEN J., US
[72] LOUDERBACK, MICHAEL J., US
[71] THE BOEING COMPANY, US
[85] 2013-12-03
[86] 2012-07-11 (PCT/US2012/046311)
[87] (WO2013/009915)
[30] US (61/507,115) 2011-07-12
[30] US (13/267,876) 2011-10-06
[30] US (13/267,878) 2011-10-06
[30] US (13/291,083) 2011-11-07

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[21] **2,838,230**
[13] A1

[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/37 (2006.01) A61K 8/90 (2006.01) A61Q 9/02 (2006.01) B26B 21/44 (2006.01)**

[25] EN

[54] **HAIR REMOVAL DEVICE COMPRISING ERODABLE MOISTURIZER**

[54] **DISPOSITIF D'ELIMINATION DE POILS A HYDRATANT ERODABLE**

[72] EAGLETON, CHRISTOPHER RAYMOND, GB

[71] THE GILLETTE COMPANY, US

[85] 2013-12-04

[86] 2012-06-22 (PCT/US2012/043710)

[87] (WO2012/177979)

[30] EP (11171369.9) 2011-06-24

[21] **2,838,233**
[13] A1

[51] **Int.Cl. B01J 23/75 (2006.01) B01J 21/12 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01) B01J 37/14 (2006.01) B01J 37/18 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING A COBALT - CONTAINING FISCHER TROPSCH CATALYST**

[54] **PROCEDE POUR LA PREPARATION D'UN CATALYSEUR DE FISCHER-TROPSCH CONTENANT DU COBALT**

[72] VAN RENSBURG, HENDRIK, GB

[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA

[85] 2013-12-03

[86] 2012-08-31 (PCT/IB2012/054493)

[87] (WO2013/041997)

[30] ZA (2011/06909) 2011-09-21

[21] **2,838,234**
[13] A1

[51] **Int.Cl. C07D 267/14 (2006.01) A61K 31/553 (2006.01) C07D 413/04 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 498/04 (2006.01)**

[25] EN

[54] **OXAZEPINES AS ION CHANNEL MODULATORS**

[54] **OXAZEPINES EN TANT QUE MODULATEURS DES CANAUX IONIQUES**

[72] CORKEY, BRITTON KENNETH, US

[72] ELZEIN, ELFATIH, US

[72] JIANG, ROBERT H., US

[72] KALLA, RAO V., US

[72] KOLTUN, DMITRY, US

[72] LI, XIAOFEN, US

[72] MARTINEZ, RUBEN, US

[72] PARKHILL, ERIC Q., US

[72] PERRY, THAO, US

[72] ZABLOCKI, JEFF, US

[72] VENKATARAMANI, CHANDRASEKAR, US

[72] GRAUPE, MICHAEL, US

[72] GUERRERO, JUAN, US

[71] GILEAD SCIENCES, INC., US

[85] 2013-12-03

[86] 2012-06-29 (PCT/US2012/045021)

[87] (WO2013/006463)

[30] US (61/503,980) 2011-07-01

[21] **2,838,235**
[13] A1

[51] **Int.Cl. C08F 10/10 (2006.01) C08F 2/38 (2006.01) C08K 5/13 (2006.01) C08L 23/22 (2006.01)**

[25] EN

[54] **PRODUCTION OF HIGHLY REACTIVE LOW MOLECULAR WEIGHT POLYISOBUTYLENE OLIGOMERS**

[54] **PRODUCTION D'OLIGOMERES DE PIB DE FAIBLE MASSE MOLECULAIRE HAUTEMENT REACTIFS**

[72] SHAIKH, SOHEL K., SA

[72] LAWSON, REX, US

[71] TPC GROUP L.L.C., US

[85] 2013-12-03

[86] 2012-06-05 (PCT/US2012/040897)

[87] (WO2012/170411)

[30] US (61/520,328) 2011-06-08

[30] US (61/586,206) 2012-01-13

[21] **2,838,236**
[13] A1

[51] **Int.Cl. H04N 17/00 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING LEAKAGE IN DIGITALLY MODULATED SYSTEMS**

[54] **PROCEDE PERMETTANT DE DETECTER UNE FUITE DANS DES RESEAUX A MODULATION NUMERIQUE**

[72] STELLE, RALEIGH BENTON, IV, US

[72] ORNDORFF, DENNIS LEE, US

[71] TRILITHIC, INC., US

[85] 2013-12-04

[86] 2012-06-26 (PCT/US2012/044123)

[87] (WO2013/003301)

[30] US (61/501,423) 2011-06-27

[30] US (61/564,429) 2011-11-29

[30] US (61/592,195) 2012-01-30

[21] **2,838,237**
[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/04 (2006.01) A61K 47/48 (2006.01) A61L 27/20 (2006.01) A61Q 19/08 (2006.01) C08B 37/08 (2006.01)**

[25] EN

[54] **DERMAL FILLER COMPOSITIONS INCLUDING ANTIOXIDANTS**

[54] **COMPOSITIONS DE REMPLISSAGE DERMIQUE COMPRENANT DES ANTIOXYDANTS**

[72] LIU, FUTIAN, US

[72] MANESIS, NICHOLAS J., US

[72] YU, XIAOJIE, US

[72] CHAN, ATHENE WAN CHIE, US

[71] ALLERGAN, INC., US

[85] 2013-12-03

[86] 2012-06-01 (PCT/US2012/040459)

[87] (WO2012/167079)

[30] US (61/493,309) 2011-06-03

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[21] **2,838,238**
[13] A1

[51] **Int.Cl. A23L 1/025 (2006.01) A23L 3/30 (2006.01) B01D 11/04 (2006.01) C11B 1/10 (2006.01) C11B 3/16 (2006.01)**

[25] EN
[54] **VEGETABLE OIL EXTRACTION EXTRACTION D'HUILE VEGETALE**

[72] AUGUSTIN, MARYANN, AU
[72] JULIANO, PABLO, AU
[72] MAWSON, RAYMOND, AU
[72] SWIERGON, PIOTR, AU
[72] KNOERZER, KAI, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2013-12-04
[86] 2012-06-07 (PCT/AU2012/000653)
[87] (WO2012/167315)
[30] AU (2011902275) 2011-06-09
[30] AU (2012900749) 2012-02-27

[21] **2,838,239**
[13] A1

[51] **Int.Cl. C25B 9/04 (2006.01) C25B 9/08 (2006.01) C25B 9/18 (2006.01) H01M 8/02 (2006.01)**

[25] FR
[54] **EASILY PRODUCED INTERCONNECTING MODULE FOR A HIGH-TEMPERATURE WATER ELECTROLYSIS DEVICE**

[54] **MODULE INTERCONNECTEUR DE REALISATION SIMPLIFIEE POUR DISPOSITIF D'ELECTROLYSE DE L'EAU A HAUTE TEMPERATURE**

[72] PLANQUE, MICHEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2013-12-03
[86] 2012-06-12 (PCT/EP2012/061131)
[87] (WO2012/171925)
[30] FR (1155275) 2011-06-16

[21] **2,838,240**
[13] A1

[51] **Int.Cl. A61D 1/00 (2006.01) A01K 29/00 (2006.01) A61B 10/00 (2006.01) A61D 17/00 (2006.01)**

[25] EN
[54] **A PREGNANCY TEST SYSTEM**

[54] **SYSTEME DE TEST DE GROSSESSE**

[72] GARGIULO, GAETANO, AU
[72] TAPSON, JONATHAN CRAIG, AU
[72] SHEPHARD, RICHARD WILLIAM, AU
[71] HEARD SYSTEMS PTY LTD, AU
[85] 2013-12-04
[86] 2011-08-12 (PCT/AU2011/001033)
[87] (WO2012/019242)
[30] AU (2010903650) 2010-08-13

[21] **2,838,241**
[13] A1

[51] **Int.Cl. A01N 43/78 (2006.01) A01N 25/00 (2006.01) A01N 43/80 (2006.01) A01P 3/00 (2006.01) C07D 417/14 (2006.01)**

[25] EN
[54] **ACTIVE COMPOUND COMBINATIONS**

[54] **COMBINAISONS DE COMPOSES ACTIFS**

[72] HOFFMANN, SEBASTIAN, DE
[72] WASNAIRE, PIERRE, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-12-04
[86] 2012-06-04 (PCT/EP2012/060508)
[87] (WO2012/168188)
[30] EP (11168904.8) 2011-06-07
[30] US (61/494,105) 2011-06-07

[21] **2,838,242**
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) B29D 11/00 (2006.01)**

[25] EN
[54] **SILICONE HYDROGEL LENSES WITH NANO-TEXTURED SURFACES**

[54] **LENTILLES EN SILICONE HYDROGEL POURVUES DE SURFACES NANOTEXTUREES**

[72] BAUMAN, R. ERICH, US
[72] HAGMANN, PETER, DE
[72] PRUITT, JOHN DALLAS, US
[72] RAPPON, JOSEPH MICHAEL, US
[71] NOVARTIS AG, CH
[85] 2013-12-03
[86] 2012-06-07 (PCT/US2012/041207)
[87] (WO2012/170603)
[30] US (61/494,914) 2011-06-09

[21] **2,838,244**
[13] A1

[51] **Int.Cl. H04W 12/08 (2009.01)**

[25] EN
[54] **MOBILENET RESEAU MOBILE**

[72] WEN, FANG, US
[71] THE BOEING COMPANY, US
[85] 2013-12-03
[86] 2012-05-20 (PCT/US2012/038745)
[87] (WO2013/058832)
[30] US (13/153,290) 2011-06-03

Demandes PCT entrant en phase nationale

[21] **2,838,245**
[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR USER EQUIPMENT-BASED ENHANCEMENTS OF RADIO LINK CONTROL FOR MULTI-POINT WIRELESS TRANSMISSION**

[54] **PROCEDES ET APPAREILS POUR DES PERFECTIONNEMENTS BASES SUR UN EQUIPEMENT UTILISATEUR D'UNE COMMANDE DE LIAISON RADIO POUR DES TRANSMISSIONS SANS FIL MULTIPPOINT**

[72] ZHANG, DANLU, US
[72] GE, WEIYAN, US
[72] KAPOOR, ROHIT, US
[72] MOHANTY, BIBHU PRASAD, US
[71] QUALCOMM INCORPORATED, US
[85] 2013-12-03
[86] 2012-06-07 (PCT/US2012/041405)
[87] (WO2012/170724)
[30] US (61/494,328) 2011-06-07
[30] US (13/429,927) 2012-03-26

[21] **2,838,246**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST G-CSFR AND USES THEREOF**

[54] **ANTICORPS CONTRE G-CSFR ET LEURS UTILISATIONS**

[72] NASH, ANDREW DONALD, AU
[72] ANDREWS, ARNA ELIZABETH, AU
[72] BACA, MANUEL, US
[72] EDWARDS, KIRSTEN MAE, AU
[72] HARDY, MATTHEW PHILIP, AU
[72] PANOUSIS, CON, AU
[72] DUNLOP, FELICITY MEREDITH, AU
[71] CSL LIMITED, AU
[85] 2013-12-04
[86] 2012-06-13 (PCT/AU2012/000675)
[87] (WO2012/171057)
[30] US (61/496,351) 2011-06-13

[21] **2,838,248**
[13] A1

[51] **Int.Cl. B65D 43/02 (2006.01) B65D 51/16 (2006.01) B65D 79/00 (2006.01) B65D 81/20 (2006.01)**
[25] EN
[54] **A REMOVABLE LID**

[54] **COUVERCLE AMOVIBLE**

[72] RAMSEY, CHRIS, GB
[72] KOOPMANS, LENNEKE, GB
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2013-12-03
[86] 2012-06-08 (PCT/GB2012/051293)
[87] (WO2012/172312)
[30] EP (11169893.2) 2011-06-14

[21] **2,838,250**
[13] A1

[51] **Int.Cl. E05B 37/00 (2006.01)**
[25] EN
[54] **PROTECTIVE CASE FOR PHYSICALLY SECURING A PORTABLE ELECTRONIC DEVICE**

[54] **BOITIER DE PROTECTION PERMETTANT DE SECURISER PHYSIQUEMENT UN DISPOSITIF ELECTRONIQUE PORTABLE**

[72] MYERS, STEPHEN, US
[72] CORPUZ, JONATHAN, US
[72] STACEY, JONATHAN, CA
[71] ACCO BRANDS CORPORATION, US
[85] 2013-12-03
[86] 2012-05-24 (PCT/US2012/039414)
[87] (WO2012/173764)
[30] US (61/496,981) 2011-06-14
[30] US (13/450,801) 2012-04-19

[21] **2,838,251**
[13] A1

[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/4965 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **3,5-DIAMINO-6-CHLORO-N-(N-(4-(4-(2-(HEXYL(2,3,4,5,6-PENTAHYDROXYHEXYL)AMINO)ETHOXY)PHENYL)BUTYL)CARBAMIMIDOYL)PYRAZINE-2-CARBOXAMIDE**

[54] **3,5-DIAMINO-6-CHLORO-N-(N-(4-(4-(2-(HEXYL(2,3,4,5,6-PENTAHYDROXYHEXYL)-AMINO)ETHOXY)PHENYL)BUTYL)CARBAMIMIDOYL)PYRAZINE-2-CARBOXAMIDE**

[72] JOHNSON, MICHAEL R., US
[71] PARION SCIENCES, INC., US
[85] 2013-12-04
[86] 2012-06-26 (PCT/US2012/044272)
[87] (WO2013/003386)
[30] US (61/501,687) 2011-06-27
[30] US (61/635,745) 2012-04-19

[21] **2,838,252**
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CUSTOMIZING STIMULATION USING IMPLANTABLE ELECTRICAL STIMULATION SYSTEMS**

[54] **SYSTEMES ET PROCEDES DE STIMULATION SUR MESURE A L'AIDE DE SYSTEMES IMPLANTABLES DE STIMULATION ELECTRIQUE**

[72] PIANCA, ANNE MARGARET, US
[72] LEE, DONGCHUL, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2013-12-03
[86] 2012-06-08 (PCT/US2012/041611)
[87] (WO2012/170854)
[30] US (61/495,791) 2011-06-10

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[21] **2,838,253**
[13] A1

[51] **Int.Cl. B65D 25/54 (2006.01) B23P 11/00 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **PROTECTIVE CASE FOR PHYSICALLY SECURING A PORTABLE ELECTRONIC DEVICE**
[54] **BOITIER PROTECTEUR POUR SECURISER PHYSIQUEMENT UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] STACEY, JONATHAN, CA
[72] CORPUZ, JONATHAN, US
[72] PERALTA, DOMINIC, US
[72] MYERS, STEPHEN, US
[71] ACCO BRANDS CORPORATION, US
[85] 2013-12-03
[86] 2012-05-24 (PCT/US2012/039418)
[87] (WO2012/173765)
[30] US (61/496,983) 2011-06-14
[30] US (13/450,817) 2012-04-19

[21] **2,838,254**
[13] A1

[51] **Int.Cl. G01D 15/16 (2006.01)**
[25] EN
[54] **PRINTING RIBBON SECURITY APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE SECURISATION D'UN RUBAN D'IMPRESSION**
[72] BOUVERIE, WILLIAM M., US
[72] HITZ, MARK ALLEN, US
[72] TOBIN, DWAYNE STEVEN, US
[71] DATAMAX-O'NEIL CORPORATION, US
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[86] 2012-06-06 (PCT/US2012/041093)
[87] (WO2012/170525)
[30] US (61/493,598) 2011-06-06
[30] US (13/490,072) 2012-06-06

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[13] A1

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[25] EN
[54] **APPARATUS AND METHOD FOR FORMING THREE-DIMENSIONAL OBJECTS USING LINEAR SOLIDIFICATION**
[54] **APPAREIL ET PROCEDE POUR FORMER DES OBJETS TRIDIMENSIONNELS EN UTILISANT UNE SOLIDIFICATION LINEAIRE**
[72] EL-SIBLANI, ALI, US
[72] SHKOLNIK, ALEXANDR, US
[71] GLOBAL FILTRATION SYSTEMS, US
[85] 2013-12-04
[86] 2012-06-27 (PCT/US2012/044398)
[87] (WO2013/003457)
[30] US (61/502,020) 2011-06-28
[30] US (61/598,666) 2012-02-14

[21] **2,838,256**
[13] A1

[51] **Int.Cl. D21H 21/02 (2006.01)**
[25] EN
[54] **FIXATIVE COMPOSITION, THICK STOCK COMPOSITION AND PROCESS FOR FIXATING HYDROPHOBIC AND/OR ANIONIC SUBSTANCES ON FIBRES**
[54] **COMPOSITION FIXATIVE, COMPOSITION DE PATE EPAISSE ET PROCEDE DE FIXATION DE SUBSTANCES HYDROPHOBES ET/OU ANIONIQUES SUR DES FIBRES**
[72] KARPPI, ASKO, FI
[72] LINDBERG, LENITA, FI
[72] HIETANIEMI, MATTI, FI
[71] KEMIRA OYJ, FI
[85] 2013-12-04
[86] 2012-06-29 (PCT/FI2012/050686)
[87] (WO2013/001169)
[30] FI (20115690) 2011-06-30

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[13] A1

[51] **Int.Cl. C07D 285/22 (2006.01) A61K 31/5415 (2006.01)**
[25] EN
[54] **[1,2,4]THIADIAZINE 1,1-DIOXIDE COMPOUNDS FOR LOWERING SERUM URIC ACID**
[54] **COMPOSES DE [1,2,4]THIADIAZINE 1,1-DIOXYDE DESTINES A ABAISSER LE NIVEAU D'ACIDE URIQUE SERIQUE**
[72] FREDDO, JAMES L., US
[71] ANADYS PHARMACEUTICALS, INC., US
[85] 2013-12-03
[86] 2012-06-06 (PCT/US2012/041106)
[87] (WO2012/170536)
[30] US (61/494,288) 2011-06-07

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[13] A1

[51] **Int.Cl. F04D 15/00 (2006.01) E03F 5/22 (2006.01) G05B 13/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING AT LEAST A PART OF A PUMP STATION**
[54] **PROCEDE POUR COMMANDER AU MOINS UNE PARTIE D'UNE STATION DE POMPAGE**
[72] LARSSON, MARTIN, SE
[72] FULLEMANN, ALEXANDER, SE
[72] MOKANDER, JURGEN, SE
[71] XYLEM IP HOLDINGS LLC, US
[85] 2013-12-04
[86] 2012-05-31 (PCT/SE2012/050581)
[87] (WO2012/173552)
[30] SE (1150548-4) 2011-06-16

[21] **2,838,260**
[13] A1

[51] **Int.Cl. B61D 3/18 (2006.01) B61D 47/00 (2006.01)**
[25] EN
[54] **SUPPORT DEVICE FOR A LATERALLY DISPLACEABLE RAILWAY WAGGON**
[54] **DISPOSITIF SUPPORT POUR WAGON DE CHEMIN DE FER A DEPLACEMENT LATERAL**
[72] ERIKSSON, JAN, SE
[71] FLEXIWAGGON AB, SE
[85] 2013-12-04
[86] 2012-06-20 (PCT/SE2012/050691)
[87] (WO2012/177216)
[30] SE (1150570-8) 2011-06-21

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[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **FLOW STOP PROTECTIVE MEANS FOR A FLUID DELIVERY DEVICE OF A MEDICAL PUMP**
[54] **MOYENS PROTECTEURS D'ARRÊT D'ÉCOULEMENT POUR UN DISPOSITIF DE DISTRIBUTION DE FLUIDE D'UNE POMPE MÉDICALE**
[72] MOY, YEI F., US
[72] FATHALLAH, MARWAN A., US
[72] PIPPIN, STEVEN, US
[72] MORALES, ERICSON, US
[71] HOSPIRA, INC., US
[85] 2013-12-04
[86] 2012-07-02 (PCT/US2012/045198)
[87] (WO2013/003837)
[30] US (61/503,411) 2011-06-30
[30] US (13/539,606) 2012-07-02

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[13] A1

[51] **Int.Cl. C07K 14/465 (2006.01) A23L 1/30 (2006.01) A23L 1/32 (2006.01) A61K 8/64 (2006.01) A61K 38/17 (2006.01) A61P 3/02 (2006.01) C07K 1/30 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **METHODS OF PHOSVITIN EXTRACTION AND PHOSPHOPEPTIDE PREPARATION FROM EGG YOLK**
[54] **PROCEDES D'EXTRACTION DE PHOSVITINE ET PREPARATION DE PHOSPHOPEPTIDE A PARTIR DU JAUNE D'OEUF**
[72] WU, JIANPING, CA
[72] LEI, BO, CA
[72] REN, JIANDONG, CA
[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2013-12-04
[86] 2012-06-11 (PCT/CA2012/000572)
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[30] US (61/495,505) 2011-06-10

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[13] A1

[51] **Int.Cl. H04W 28/20 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING THE AMOUNT OF DATA BANDWIDTH PROVIDED TO A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE D'AJUSTEMENT DE LA QUANTITE DE BANDE PASSANTE DE DONNEES ALLOUEE A UN DISPOSITIF MOBILE**
[72] MENDIOLA, DENNIS, US
[71] CHIKKA PTE LTD, SG
[85] 2013-12-04
[86] 2012-06-28 (PCT/SG2012/000230)
[87] (WO2013/002732)
[30] US (61/502,462) 2011-06-29
[30] SG (201108719-4) 2011-11-24

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[13] A1

[51] **Int.Cl. H04N 7/167 (2011.01)**
[25] EN
[54] **STORING MULTIPLE INSTANCES OF CONTENT**
[54] **STOCKAGE D'INSTANCES MULTIPLES DE CONTENU**
[72] MARTCH, HENRY GREGG, US
[72] KUMMER, DAVID A., US
[72] KENNEDY, JOHN T., US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-12-04
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[30] US (61/526,665) 2011-08-23
[30] US (13/302,852) 2011-11-22

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[51] **Int.Cl. G01D 5/02 (2006.01) G01D 13/00 (2006.01)**
[25] EN
[54] **INDICATING DEVICES AND ASSOCIATED METHODS**
[54] **DISPOSITIFS D'INDICATION ET PROCEDES ASSOCIES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] HOLLOWAY, DAVID CARR, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-12-03
[86] 2012-05-25 (PCT/US2012/039662)
[87] (WO2012/170222)
[30] US (13/158,115) 2011-06-10

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[13] A1

[51] **Int.Cl. H02G 15/04 (2006.01) H01R 43/28 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **DAMMING DEVICE FOR CABLE SEALING**
[54] **DISPOSITIF DE RETENUE POUR ETANCHEITE DE CABLE**
[72] ALDRICH, ALVAH BENJAMIN, US
[72] ORZELL, SUSAN M., US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-12-03
[86] 2012-06-08 (PCT/US2012/041620)
[87] (WO2012/170859)
[30] US (61/495,755) 2011-06-10

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[13] A1

[51] **Int.Cl. B01J 31/12 (2006.01) B01J 38/02 (2006.01) H01M 4/90 (2006.01)**
[25] EN
[54] **NON-PGM CATHODE CATALYSTS FOR FUEL CELL APPLICATION DERIVED FROM HEAT TREATED HETEROATOMIC AMINES PRECURSORS**
[54] **CATALYSEURS CATHODIQUES NON-PGM POUR UNE APPLICATION DE PILE A COMBUSTIBLE PROVENANT DE PRECURSEURS D'AMINES HETEROAROMATIQUES TRAITES THERMIQUEMENT**
[72] SEROV, ALEXEY, US
[72] HALEVI, BARR, US
[72] ARTYUSHKOVA, KATERYNA, US
[72] ATANASSOV, PLAMEN B., US
[71] STC.UNM, US
[85] 2013-12-04
[86] 2012-06-15 (PCT/US2012/042609)
[87] (WO2012/174344)
[30] US (61/497,444) 2011-06-15
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[30] US (61/621,084) 2012-04-06
[30] US (61/621,095) 2012-04-06

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[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **A DISTRIBUTED ELECTRICAL LOAD MANAGEMENT METHOD AND SYSTEM FOR CONTROLLING COMMUNITY LOADS**
[54] **PROCEDE ET SYSTEME DE GESTION DE CHARGES ELECTRIQUES DISTRIBUEES POUR REGULER DES CHARGES DE COMMUNAUTE**
[72] MABILLEAU, PHILIPPE, CA
[72] AYOUB, SIMON, CA
[71] SOCPRA SCIENCES ET GENIE S.E.C., CA
[85] 2013-12-04
[86] 2012-06-08 (PCT/CA2012/050386)
[87] (WO2012/167383)
[30] US (61/494,618) 2011-06-08
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[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **VESTIBULAR IMPLANT SYSTEM WITH LOW BATTERY ALERT**
[54] **SYSTEME D'IMPLANT VESTIBULAIRE DOTE D'UNE ALERTE DE PILE FAIBLE**
[72] JAGER, ANDREAS, AT
[72] GARNHAM, CAROLYN, GB
[72] HESSLER, ROLAND, AT
[72] ZIMMERLING, MARTIN, AT
[72] DELLA SANTINA, CHARLES COLEMAN, US
[72] FRIDMAN, GENE, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2013-12-04
[86] 2012-06-19 (PCT/US2012/043069)
[87] (WO2012/177589)
[30] US (61/498,760) 2011-06-20

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[13] A1

[51] **Int.Cl. A23J 1/00 (2006.01) A23J 1/14 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING PROTEINS FROM A NATIVE SUBSTANCE MIXTURE**
[54] **PROCEDE D'EXTRACTION DE PROTEINES A PARTIR D'UN MELANGE DE MATIERES NATIVES**
[72] HRUSCHKA, STEFFEN, DE
[72] BOSZULAK, WLADISLAWA, DE
[71] GEA MECHANICAL EQUIPMENT GMBH, DE
[85] 2013-12-04
[86] 2012-06-06 (PCT/EP2012/060675)
[87] (WO2012/168288)
[30] DE (10 2011 050 905.4) 2011-06-07

[21] **2,838,271**
[13] A1

[51] **Int.Cl. C07C 69/74 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING HIGH PURITY AND CRYSTALLINE DIMETHYL FUMARATE**
[54] **PROCEDE DE PREPARATION DE FUMARATE DE DIMETHYLE CRISTALLIN DE GRANDE PURETE**
[72] GUZOWSKI, JOHN, US
[72] KIESMAN, WILLIAM, US
[72] IRDAM, ERWIN, US
[71] BIOGEN IDEC MA INC., US
[85] 2013-12-03
[86] 2012-06-08 (PCT/US2012/041715)
[87] (WO2012/170923)
[30] US (61/494,775) 2011-06-08

[21] **2,838,272**
[13] A1

[51] **Int.Cl. C10M 129/72 (2006.01) C07C 67/00 (2006.01) C10G 3/00 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **TURBINE OIL COMPRISING AN ESTER COMPONENT**
[54] **HUILE DE TURBINE COMPRENANT UN COMPOSANT ESTER**
[72] OKAZAKI, MARK E., US
[72] KETTERER, NICOLE A., US
[71] CHEVRON U.S.A. INC., US
[85] 2013-12-03
[86] 2012-05-29 (PCT/US2012/039811)
[87] (WO2013/015873)
[30] US (13/192,179) 2011-07-27

[21] **2,838,274**
[13] A1

[51] **Int.Cl. C10G 1/10 (2006.01) C08J 11/10 (2006.01)**
[25] EN
[54] **DUST SEPARATING AND CARRIER RETURNING DEVICE**
[54] **DISPOSITIF DE SEPARATION DE POUSSIERE ET DE RETOUR DE SUPPORT**
[72] NIU, BIN, CN
[72] NIU, XIAOLU, CN
[71] JINAN YOUBANG HENGYU SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD., CN
[85] 2013-12-04
[86] 2011-08-30 (PCT/CN2011/079125)
[87] (WO2012/167512)
[30] CN (201110155771.4) 2011-06-10

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[13] A1

[51] **Int.Cl. A61K 31/58 (2006.01) A61K 31/352 (2006.01) A61K 31/407 (2006.01) A61K 31/4166 (2006.01) A61K 31/473 (2006.01) A61K 31/56 (2006.01) A61K 31/57 (2006.01) A61K 31/575 (2006.01) A61P 3/08 (2006.01) A61P 21/00 (2006.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS FOR INHIBITING MUSCLE ATROPHY**
[54] **PROCEDES D'INHIBITION D'UNE ATROPHIE MUSCULAIRE**
[72] ADAMS, CHRISTOPHER M., US
[72] KUNKEL, STEVEN D., US
[72] WELSH, MICHAEL, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
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[86] 2012-06-06 (PCT/US2012/041119)
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[30] US (61/493,969) 2011-06-06

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[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD, SHARING PLATFORM, AND SYSTEM FOR SHARING IMAGE-EDITING ACTION**
[54] **PROCEDE, PLATEFORME DE PARTAGE ET SYSTEME POUR PARTAGER UNE ACTION D'EDITION D'IMAGE**
[72] HUANG, FEIYUE, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2013-12-04
[86] 2012-07-19 (PCT/CN2012/078884)
[87] (WO2013/017019)
[30] CN (201110218427.5) 2011-08-01

[21] **2,838,278**
[13] A1

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 7/10 (2006.01)**
[25] EN
[54] **ADJUSTABLE BENT DRILLING TOOL HAVING IN SITU DRILLING DIRECTION CHANGE CAPABILITY**
[54] **OUTIL DE FORAGE COUDE AJUSTABLE APTÉ A CHANGER DE DIRECTION DE FORAGE IN SITU**
[72] ABNEY, DAVID, US
[72] CROW, MORGAN, US
[72] MUSE, BUTCH, US
[72] ORBAN, ANDRE, US
[72] WEISE, STAN, US
[71] DAVID L. ABNEY, INC., US
[85] 2013-12-04
[86] 2012-06-20 (PCT/US2012/043374)
[87] (WO2012/177781)
[30] US (61/498,879) 2011-06-20
[30] US (13/528,591) 2012-06-20

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[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **SELECTIVE LINKING OF MESSAGE ACCOUNTS**
[54] **LIAISON SELECTIVE DE COMPTES DE MESSAGERIE**
[72] ROBERTS, CHAD, US
[72] SOUSA, AUDREY YUNG CHIN, US
[72] CALLEGARI, SHAWN CANTIN, US
[71] MICROSOFT CORPORATION, US
[85] 2013-12-03
[86] 2012-06-09 (PCT/US2012/041784)
[87] (WO2012/170972)
[30] US (13/158,201) 2011-06-10

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[13] A1

[51] **Int.Cl. D01D 7/00 (2006.01) D01D 5/00 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCTION OF MATERIALS HAVING ANISOTROPIC PROPERTIES COMPOSED OF NANOFIBRES OR MICROFIBRES AND AN APPARATUS FOR IMPLEMENTATION OF SAID METHOD**
[54] **PROCEDE DE PRODUCTION DE MATERIAUX PRESENTANT DES PROPRIETES ANISOTROPES ET COMPOSES DE NANOFIBRES OU DE MICROFIBRES, ET APPAREIL POUR METTRE EN ŒUVRE LEDIT PROCEDE**
[72] POKORNY, MAREK, CZ
[72] MARTINCOVA, LADA, CZ
[72] VELEBNY, VLADIMIR, CZ
[71] CONTIPRO BIOTECH S.R.O., CZ
[85] 2013-12-04
[86] 2012-06-22 (PCT/CZ2012/000055)
[87] (WO2013/000442)
[30] CZ (PV 2011-376) 2011-06-27

[21] **2,838,283**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BUILDING AND MANAGING USER EXPERIENCE FOR COMPUTER SOFTWARE INTERFACES**
[54] **SYSTEME ET PROCEDE POUR CONSTRUIRE ET GERER UNE EXPERIENCE D'UTILISATEUR POUR DES INTERFACES LOGICIELS INFORMATIQUES**
[72] TORBEY, FRANK J., US
[72] CLARK, DAVID W., US
[72] GODDARD, PHIL H., US
[72] STEINER, KARL, US
[71] TANDEMSEVEN, INC., US
[85] 2013-12-04
[86] 2012-06-20 (PCT/US2012/043386)
[87] (WO2012/177791)
[30] US (61/499,120) 2011-06-20
[30] US (61/499,417) 2011-06-21

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[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS RELATING TO S100A12 FOR DIAGNOSING INFECTIOUS DISEASES AND KIT THEREFOR**
[54] **METHODES ASSOCIEES A S100 A12 POUR DIAGNOSTIQUER DES MALADIES INFECTIEUSES ET KIT CORRESPONDANT**
[72] LIU, KEYI, US
[72] PICHICHERO, MICHAEL, US
[71] ROCHESTER GENERAL HOSPITAL RESEARCH INSTITUTE, US
[71] PICHICHERO, MICHAEL, US
[85] 2013-12-03
[86] 2012-06-04 (PCT/US2012/040777)
[87] (WO2012/170358)
[30] US (61/493,436) 2011-06-04

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[21] **2,838,285**
[13] A1

[51] **Int.Cl. C10M 105/36 (2006.01) C07C 51/23 (2006.01) C07C 55/02 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING A TURBINE OIL COMPRISING AN ESTER COMPONENT**

[54] **PROCESSUS DE PREPARATION D'UNE HUILE DE TURBINE COMPRENANT UN COMPOSANT ESTER**

[72] OKAZAKI, MARK E., US
[72] KETTERER, NICOLE A., US
[71] CHEVRON U.S.A. INC., US

[85] 2013-12-03
[86] 2012-05-29 (PCT/US2012/039817)
[87] (WO2013/015874)
[30] US (13/192,196) 2011-07-27

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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) G06F 15/16 (2006.01)**

[25] EN

[54] **WEB-BROWSER BASED DESKTOP AND APPLICATION REMOTING SOLUTION**

[54] **SOLUTION DE GESTION A DISTANCE D'APPLICATION ET DE BUREAU BASEE SUR UN NAVIGATEUR INTERNET**

[72] ABDO, NADIM Y., US
[72] KUMAR, B. ANIL, US
[72] SCHMIEDER, WILHELM R., US
[72] SANKURATRI, SRIDHAR, US
[72] MALLADI, KRISHNA MOHAN, US
[72] DROR, ASAEL, US
[72] CHIK, JOY, US
[72] SRINIVAS, NELAMANGAL KRISHNASWAMY, US

[72] BROCKWAY, TAD, US
[71] MICROSOFT CORPORATION, US

[85] 2013-12-03
[86] 2012-05-29 (PCT/US2012/039887)
[87] (WO2012/170237)
[30] US (13/158,268) 2011-06-10

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 47/30 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **SUSTAINED RELEASE FORMULATIONS FOR DELIVERY OF PROTEINS TO THE EYE AND METHODS OF PREPARING SAME**

[54] **FORMULATION A LIBERATION PROLONGEE POUR ADMINISTRATION DE PROTEINES A L'OEIL, ET LEURS PROCEDES DE PREPARATION**

[72] WONG, VERNON G., US
[72] WOOD, LOUIS L., US
[72] HUANG, GLENN T., US
[71] RAMSCOR, INC., US
[71] ICON BIOSCIENCE, INC., US

[85] 2013-12-03
[86] 2012-06-11 (PCT/US2012/041950)
[87] (WO2013/036309)
[30] US (61/495,672) 2011-06-10

[21] **2,838,290**
[13] A1

[51] **Int.Cl. C07K 14/51 (2006.01) C07K 7/04 (2006.01)**

[25] EN

[54] **SULFATION OF WNT PATHWAY PROTEINS**

[54] **SULFATATION DE PROTEINES DE LA VOIE WNT**

[72] RABBANI, JOSHUA, US
[72] DONEGAN, JAMES J., US
[72] LI, XIAOFENG, US
[71] ENZO BIOCHEM, INC., US

[85] 2013-12-04
[86] 2012-06-21 (PCT/US2012/043451)
[87] (WO2013/003178)
[30] US (13/170,634) 2011-06-28

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[13] A1

[51] **Int.Cl. C08L 23/08 (2006.01) C10M 145/08 (2006.01)**

[25] EN

[54] **AQUEOUS POUR POINT DEPRESSANT DISPERSION COMPOSITION**

[54] **COMPOSITION AQUEUSE DE DISPERSION AMELIORANT LE POINT D'ECOULEMENT**

[72] SCHMIDT, DALE C., US
[72] BLOXOM, STEPHANIE A., US
[72] KUHLMAN, ROGER L., US
[72] MICHALOWSKI, JEFFREY D., US
[72] MIELCAREK, MELISSA A., US
[72] STRANDBURG, GARY M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2013-12-03
[86] 2012-05-30 (PCT/US2012/039909)
[87] (WO2012/170241)
[30] US (61/495,525) 2011-06-10

[21] **2,838,293**
[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01)**

[25] EN

[54] **SET OF MULTICOMPONENT CARTRIDGES**

[54] **ENSEMBLE DE CARTOUCHES A PLUSIEURS COMPOSANTS**

[72] HABIBI-NAINI, SASAN, CH
[72] SCHEUBER, MARKUS, CH
[71] SULZER MIXPAC AG, CH

[85] 2013-12-04
[86] 2012-04-30 (PCT/EP2012/057894)
[87] (WO2012/168002)
[30] EP (11168751.3) 2011-06-06

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<p>[51] Int.Cl. C09K 8/68 (2006.01) C09K 8/74 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS TO FRACTURE A SUBTERRANEAN FORMATION USING A CHELATING AGENT</p> <p>[54] PROCEDE POUR FRACTURER UNE FORMATION SOUS-TERRAINE A L'AIDE D'UN AGENT CHELATANT</p> <p>[72] NASR-EL-DIN, HISHAM, US</p> <p>[72] NASR-EL-DIN MAHMOUD, MOHAMED AHMED, SA</p> <p>[72] DE WOLF, CORNELIA ADRIANA, NL</p> <p>[72] HE, JIA, US</p> <p>[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL</p> <p>[85] 2013-12-04</p> <p>[86] 2012-06-11 (PCT/EP2012/060951)</p> <p>[87] (WO2012/171858)</p> <p>[30] US (61/496,214) 2011-06-13</p> <p>[30] EP (11172814.3) 2011-07-06</p>	<p>[51] Int.Cl. C09K 8/60 (2006.01) C09K 8/528 (2006.01) C09K 8/54 (2006.01) C09K 8/72 (2006.01) C09K 8/74 (2006.01) C09K 8/86 (2006.01) C11D 3/33 (2006.01) C23F 11/04 (2006.01) C23F 11/14 (2006.01) C23G 1/08 (2006.01)</p> <p>[25] EN</p> <p>[54] IMPROVED CORROSION RESISTANCE WHEN USING CHELATING AGENTS IN CHROMIUM-CONTAINING EQUIPMENT</p> <p>[54] RESISTANCE AMELIOREE A LA CORROSION PAR UTILISATION D'AGENTS DE CHELATION DANS UN EQUIPEMENT CONTENANT DU CHROME</p> <p>[72] DE WOLF, CORNELIA ADRIANA, NL</p> <p>[72] BOUWMAN, ALBERTUS JACOBUS MARIA, NL</p> <p>[72] NASR-EL-DIN, HISHAM, US</p> <p>[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL</p> <p>[85] 2013-12-04</p> <p>[86] 2012-06-11 (PCT/EP2012/060952)</p> <p>[87] (WO2012/171859)</p> <p>[30] US (61/496,236) 2011-06-13</p> <p>[30] EP (11172815.0) 2011-07-06</p> <p>[30] EP (PCT/EP2011/072693) 2011-12-14</p> <p>[30] EP (PCT/EP2011/072696) 2011-12-14</p> <p>[30] EP (PCT/EP2011/073042) 2011-12-16</p>	<p>[51] Int.Cl. C07F 9/655 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL POLYMORPHS OF FOSAMPRENAVIR CALCIUM</p> <p>[54] NOUVEAUX POLYMORPHES DE FOSAMPRENAVIR CALCIQUE</p> <p>[72] PARTHASARADHI REDDY, BANDI, IN</p> <p>[72] RATHNAKAR REDDY, KURA, IN</p> <p>[72] MURALIDHARA REDDY, DASARI, IN</p> <p>[72] SUBASH CHANDER REDDY, KESIREDDY, IN</p> <p>[72] VAMSI KRISHNA, BANDI, IN</p> <p>[71] HETERO RESEARCH FOUNDATION, IN</p> <p>[85] 2013-12-04</p> <p>[86] 2012-05-21 (PCT/IN2012/000361)</p> <p>[87] (WO2012/172563)</p> <p>[30] IN (2011/CHE/2011) 2011-06-14</p>
		[21] 2,838,304 [13] A1
		<p>[51] Int.Cl. C08L 23/08 (2006.01) C10M 145/08 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD TO MAKE AN AQUEOUS POUR POINT DEPRESSANT DISPERSION COMPOSITION</p> <p>[54] PROCEDE DE FABRICATION D'UNE COMPOSITION AQUEUSE DE DISPERSION AMELIORANT LE POINT D'ECOULEMENT</p> <p>[72] STRANDBURG, GARY M., US</p> <p>[72] BLOXOM, STEPHANIE A., US</p> <p>[72] KUHLMAN, ROGER L., US</p> <p>[72] MICHALOWSKI, JEFFREY D., US</p> <p>[72] MIELCAREK, MELISSA A., US</p> <p>[72] SCHMIDT, DALE C., US</p> <p>[71] DOW GLOBAL TECHNOLOGIES LLC, US</p> <p>[71] DOW GLOBAL TECHNOLOGIES LLC, US</p> <p>[85] 2013-12-03</p> <p>[86] 2012-05-30 (PCT/US2012/039910)</p> <p>[87] (WO2012/170242)</p> <p>[30] US (61/495,529) 2011-06-10</p>
	[21] 2,838,301 [13] A1	
	<p>[51] Int.Cl. G10L 15/00 (2013.01)</p> <p>[25] EN</p> <p>[54] SPEECH RECOGNITION USING LOOSELY COUPLED COMPONENTS</p> <p>[54] RECONNAISSANCE DE LA PAROLE A L'AIDE DE COMPOSANTS A CONFIGURATION DISPERSEE</p> <p>[72] KOLL, DETLEF, US</p> <p>[72] FINKE, MICHAEL, US</p> <p>[71] MMODAL IP LLC, US</p> <p>[85] 2013-12-03</p> <p>[86] 2012-06-11 (PCT/US2012/041955)</p> <p>[87] (WO2012/173941)</p> <p>[30] US (61/496,341) 2011-06-13</p> <p>[30] US (13/491,856) 2012-06-08</p>	

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[21] **2,838,305**
[13] A1

[51] **Int.Cl. B60M 1/30 (2006.01)**
[25] EN
[54] **POWER RAIL, MOUNTING AND DISMOUNTING METHOD AND ARRANGEMENT COMPOSED OF COMBINED POWER RAILS**

[54] **BARRE CONDUCTRICE, PROCEDE DE MONTAGE ET DE DEMONTAGE AINSI QUE SYSTEME DE BARRES CONDUCTRICES ASSEMBLEES**

[72] KRANYCAN, JURGEN, AT
[72] ESTERBAUER, ERWIN, AT
[72] JUKL, THOMAS, AT
[71] HAMMERER ALUMINIUM INDUSTRIES EXTRUSION GMBH, AT

[71] SPL POWERLINES AUSTRIA GMBH & CO. KG, AT

[85] 2013-12-04
[86] 2012-06-08 (PCT/EP2012/060941)
[87] (WO2012/168461)
[30] DE (10 2011 050 920.8) 2011-06-08

[21] **2,838,306**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 3/048 (2013.01) G06F 9/44 (2006.01)**

[25] EN
[54] **TECHNIQUES FOR ADAPTING AN INTERPRETIVE RUN TIME APPLICATION TO MULTIPLE CLIENTS**

[54] **TECHNIQUES POUR ADAPTER UNE APPLICATION D'EXECUTION INTERPRETATIVE A DE MULTIPLES CLIENTS**

[72] RUDOLPH, CHRISTOPHER, US
[72] HAMMOND, MICHAEL, US
[72] ANDERSON, ROBERT, US
[72] NISSEN, ERIK, US
[72] NANNENGA, JOHN, US
[72] INGALLS, ANDREW, US
[71] MICROSOFT CORPORATION, US

[85] 2013-12-03
[86] 2012-06-12 (PCT/US2012/042104)
[87] (WO2012/174022)
[30] US (13/159,139) 2011-06-13

[21] **2,838,307**
[13] A1

[51] **Int.Cl. F41H 7/02 (2006.01) F41H 5/22 (2006.01)**

[25] FR
[54] **ARMOURED VEHICLE WITH PIVOTING ACCESS RAMP**

[54] **VEHICULE BLINDE COMPORTANT UNE RAMPE D'ACCES BASCULANTE**

[72] JACQUEMONT, JACKY, FR
[72] SERPEAULT, JEROME, FR
[71] NEXTER SYSTEMS, FR

[85] 2013-12-04
[86] 2012-06-21 (PCT/FR2012/051424)
[87] (WO2012/175885)
[30] FR (1101950) 2011-06-22

[21] **2,838,309**
[13] A1

[51] **Int.Cl. A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 3/06 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01)**

[25] EN
[54] **OLIGOSACCHARIDES COMPOSITION FOR PREVENTING OR REDUCING THE RISK OF METABOLIC SYNDROME**

[54] **COMPOSITION A BASE D'OLIGOSACCHARIDES POUR PREVENIR OU REDUIRE LE RISQUE DE SYNDROME METABOLIQUE**

[72] TZORTZIS, GEORGIOS, GB
[72] VULEVIC, JELENA, GB
[71] CLASADO INC., PA

[85] 2013-12-04
[86] 2012-06-20 (PCT/GB2012/051418)
[87] (WO2013/005001)
[30] GB (1111452.7) 2011-07-05

[21] **2,838,311**
[13] A1

[51] **Int.Cl. A23D 7/005 (2006.01) A23D 9/007 (2006.01) A23L 1/00 (2006.01) A23L 1/22 (2006.01) A23P 1/04 (2006.01) A61K 9/50 (2006.01) B01J 13/02 (2006.01)**

[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING STABILITY AND EXTENDING SHELF LIFE OF SENSITIVE FOOD ADDITIVES AND FOOD PRODUCTS THEREOF**

[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA STABILITE ET L'EXTENSION DE LA DUREE DE CONSERVATION D'ADDITIFS ALIMENTAIRES SENSIBLES ET PRODUITS ALIMENTAIRES DE CEUX-CI**

[72] PENHASI, ADEL, IL
[72] RUBIN, ISRAEL, IL
[71] SPAI GROUP LTD., KY

[85] 2013-12-04
[86] 2012-06-06 (PCT/IB2012/052857)
[87] (WO2012/168882)
[30] US (61/494,218) 2011-06-07

[21] **2,838,312**
[13] A1

[51] **Int.Cl. A61K 35/56 (2006.01) A61K 8/06 (2006.01) A61P 29/00 (2006.01)**

[25] EN
[54] **THERAPEUTIC APPLICATION OF PARENTERAL KRILL OIL**

[54] **APPLICATION THERAPEUTIQUE D'HUILE DE KRILL PARENTERALE**

[72] DRISCOLL, DAVID F., US
[71] STABLE SOLUTIONS LLC, US

[85] 2013-12-04
[86] 2012-06-13 (PCT/IB2012/001156)
[87] (WO2012/172411)
[30] US (13/161,101) 2011-06-15
[30] EP (11179821.1) 2011-09-02

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[21] **2,838,313**
[13] A1

[51] **Int.Cl. B65G 1/04 (2006.01) E04H 6/18 (2006.01)**

[25] EN

[54] **AUTOMATED STORAGE/RETRIEVAL SYSTEM**

[54] **ENTREPOT AUTOMATISE A ETAGES MULTIPLES**

[72] YAMASHITA, SHIN, DE

[71] DEMATIC ACCOUNTING SERVICES GMBH, DE

[85] 2013-12-04

[86] 2011-09-28 (PCT/JP2011/072277)

[87] (WO2013/046379)

[21] **2,838,314**
[13] A1

[51] **Int.Cl. C07D 209/30 (2006.01) A61K 31/404 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01)**

[25] EN

[54] **INDOLEAMINE DERIVATIVES FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM DISEASES**

[54] **DERIVES INDOLEAMINE UTILISES DANS LE TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL**

[72] KOLACZKOWSKI, MARCIN, PL

[72] MARCINKOWSKA, MONIKA, PL

[72] BUCKI, ADAM, PL

[72] PAWLOWSKI, MACIEJ, PL

[72] KAZEK, GRZEGORZ, PL

[72] BEDNARSKI, MAREK, PL

[72] WESOLOWSKA, ANNA, PL

[71] ADAMED SP. Z O.O., PL

[85] 2013-12-04

[86] 2012-06-28 (PCT/IB2012/053309)

[87] (WO2013/001499)

[30] PL (P.395469) 2011-06-29

[21] **2,838,315**
[13] A1

[51] **Int.Cl. G01N 21/89 (2006.01) G01N 21/23 (2006.01) G01N 21/892 (2006.01) A23L 1/16 (2006.01)**

[25] EN

[54] **DEVICE FOR PREDICTING CRACK GENERATION IN DRY NOODLES AND CLASSIFICATION SYSTEM**

[54] **DISPOSITIF POUR PREVISION DE GENERATION DE FISSURES DANS DES NOUILLES SECHES ET SYSTEME DE CLASSIFICATION**

[72] HIGUCHI, MASAHIRO, JP

[72] YOSHIDA, SATOSHI, JP

[71] NISSHIN SEIFUN GROUP INC., JP

[85] 2013-12-04

[86] 2012-06-18 (PCT/JP2012/065508)

[87] (WO2012/176734)

[30] JP (2011-138100) 2011-06-22

[21] **2,838,316**
[13] A1

[51] **Int.Cl. B01D 71/38 (2006.01) B01D 67/00 (2006.01) B01D 69/14 (2006.01) B01D 71/56 (2006.01)**

[25] EN

[54] **MEMBRANE AND METHOD FOR MAKING THE SAME**

[54] **MEMBRANE DOTEE D'UNE COUCHE COMPRENANT DES POLYOLS ET UN COMPOSE ORGANOMETALLIQUE SUR UNE COUCHE DE POLYAMIDE ET SA PREPARATION**

[72] LU, SU, US

[72] LI, HUA, US

[72] PENG, WENQING, US

[72] NIU, QINGSHAN JASON, US

[72] ZHANG, BING, US

[72] PENG, YUN, US

[72] LIU, ZHEN, US

[72] WANG, CHEN, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2013-12-03

[86] 2012-06-14 (PCT/US2012/042339)

[87] (WO2012/177465)

[30] CN (201110168940.8) 2011-06-22

[21] **2,838,317**
[13] A1

[51] **Int.Cl. A01N 59/08 (2006.01) A01N 25/00 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **CALCIUM HYPOCHLORITE COMPOSITION**

[54] **COMPOSITION D'HYPOCHLORURE DE CALCIUM**

[72] YAMASHITA, TOSHIYUKI, JP

[72] KAMATSUCHI, YOSHINORI, JP

[71] NIPPON SODA CO., LTD., JP

[85] 2013-12-04

[86] 2012-06-21 (PCT/JP2012/065922)

[87] (WO2013/002128)

[30] JP (2011-143477) 2011-06-28

[21] **2,838,318**
[13] A1

[51] **Int.Cl. C23C 2/02 (2006.01) C23C 18/04 (2006.01) C23C 2/06 (2006.01)**

[25] EN

[54] **HIGH-CORROSION-RESISTANCE HOT-DIP GALVANIZED STEEL SHEET HAVING EXCELLENT APPEARANCE UNIFORMITY AND MANUFACTURING METHOD THEREOF**

[54] **PLAQUE D'ACIER GALVANISEE PAR IMMERSION A CHAUD A HAUTE RESISTANCE A LA CORROSION, AYANT UN ASPECT HAUTEMENT UNIFORME ET SON PROCEDE DE FABRICATION**

[72] YASUI, TAKESHI, JP

[72] OOHASHI, TOORU, JP

[72] KAWAZU, NAYUTA, JP

[72] TANAKA, SATORU, JP

[72] SAITO, AKIO, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2013-12-04

[86] 2012-06-29 (PCT/JP2012/066655)

[87] (WO2013/002358)

[30] JP (2011-146572) 2011-06-30

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[21] **2,838,319**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/553 (2006.01)**
[25] EN
[54] **CONJUGATE FOR USE IN IMMUNOASSAY METHOD**
[54] **DANS UN PROCEDE D'ANALYSE IMMUNOENZYMATIQUE**
[72] YOKOKAWA, SHINYA, JP
[72] YAMAMOTO, MITSUAKI, JP
[72] SHIMIZU, TOMO, JP
[71] SEKISUI MEDICAL CO., LTD., JP
[85] 2013-12-04
[86] 2012-06-29 (PCT/JP2012/066816)
[87] (WO2013/002403)
[30] JP (2011-146604) 2011-06-30

[21] **2,838,320**
[13] A1

[51] **Int.Cl. H01M 2/20 (2006.01) H01M 2/34 (2006.01)**
[25] EN
[54] **STRUCTURE FOR ATTACHING SERVICE PLUG**
[54] **STRUCTURE DE FIXATION DE FICHE DE SERVICE**
[72] FURUYA, YOSHINOBU, JP
[72] OGASAWARA, SHIGEYUKI, JP
[72] INOUE, HIDEKI, JP
[71] YAZAKI CORPORATION, JP
[85] 2013-12-04
[86] 2012-07-20 (PCT/JP2012/069059)
[87] (WO2013/015390)
[30] JP (2011-160603) 2011-07-22

[21] **2,838,321**
[13] A1

[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/4025 (2006.01) A61K 31/496 (2006.01) A61P 25/00 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/06 (2006.01) C07D 409/12 (2006.01) C07D 413/06 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **SULPHONAMIDE DERIVATIVES OF ALICYCLIC AMINES FOR THE TREATMENT OF THE CENTRAL NERVOUS SYSTEM DISEASES**
[54] **DERIVES SULPHONAMIDE D'AMINES ALICYCLIQUES UTILISES DANS LE TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL**
[72] KOLACZKOWSKI, MARCIN, PL
[72] MARCINKOWSKA, MONIKA, PL
[72] BUCKI, ADAM, PL
[72] PAWLOWSKI, MACIEJ, PL
[72] KRUKOWSKI, ANDRZEJ, PL
[72] RUSIECKI, RAFAL, PL
[72] SIWEK, AGATA MAGDALENA, PL
[72] WOLAK, MALGORZATA ANNA, PL
[71] ADAMED SP. Z O.O., PL
[85] 2013-12-04
[86] 2012-06-29 (PCT/IB2012/053318)
[87] (WO2013/001505)
[30] PL (P.395470) 2011-06-29

[21] **2,838,322**
[13] A1

[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] EN
[54] **SECURE IMPLICIT CERTIFICATE CHAINING**
[54] **CLE PUBLIQUES A CERTIFICATION IMPLICITE**
[72] KRAVITZ, DAVID WILLIAM, US
[72] ZAVERUCHA, GREGORY MARC, US
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM (U.S.) LIMITED, US
[71] CERTICOM CORP., CA
[85] 2013-12-04
[86] 2012-05-04 (PCT/US2012/036535)
[87] (WO2012/170130)
[30] US (61/495,788) 2011-06-10

[21] **2,838,323**
[13] A1

[51] **Int.Cl. B65D 41/12 (2006.01)**
[25] EN
[54] **COMFORTABLE OPENING CROWN-TYPE METAL CAP**
[54] **COUVERCLE METALLIQUE DE TYPE COURONNE A OUVERTURE CONFORTABLE**
[72] CAMACHO PAREDES, JUAN ANTONIO, MX
[72] SEGURA RUIZ, ROMUALDO, MX
[72] GARCIA CORTEZ, CARLOS ADRIAN, MX
[71] FABRICAS MONTERREY, S.A. DE C.V., MX
[85] 2013-12-04
[86] 2011-12-16 (PCT/MX2011/000166)
[87] (WO2012/169869)
[30] MX (MX/a/2011/006098) 2011-06-08

[21] **2,838,324**
[13] A1

[51] **Int.Cl. G01N 21/35 (2014.01) A61B 5/05 (2006.01) A61B 10/00 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **DETECTING METHOD OF LIFE ACTIVITY, CONTROLLING METHOD OF LIFE ACTIVITY, AND TRANSMISSION METHOD OF INFORMATION CONCERNING LIFE ACTIVITY**
[54] **PROCEDE DE DETECTION DE L'ACTIVITE D'UN ORGANISME VIVANT, PROCEDE DE VERIFICATION DE L'ACTIVITE D'UN ORGANISME VIVANT ET PROCEDE DE TRANSMISSION D'INFORMATIONS CONCERNANT L'ACTIVITE D'UN ORGANISME VIVANT**
[72] ANDO, HIDEO, JP
[71] ANDO, HIDEO, JP
[85] 2013-12-04
[86] 2012-11-09 (PCT/JP2012/079874)
[87] (WO2013/069820)
[30] JP (2011-248115) 2011-11-11
[30] JP (2012-220305) 2012-10-02

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[21] **2,838,325**
[13] A1

[51] **Int.Cl. H04L 27/26 (2006.01) H04L 25/03 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR RECEIVING SIGNAL IN WIRELESS COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCEDURE DE RECEPTION DE SIGNAL DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] JUNG, YOUNG-SEOK, KR
[72] LIM, JONG-HAN, KR
[72] KIM, IN-HYOUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2013-12-04
[86] 2012-01-11 (PCT/KR2012/000285)
[87] (WO2012/173321)
[30] KR (10-2011-0057518) 2011-06-14

[21] **2,838,326**
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/28 (2006.01) A61K 9/54 (2006.01) A61K 47/44 (2006.01)**

[25] EN

[54] **MULTI-LAYER CAPSULE AND MANUFACTURE METHOD THEREOF**

[54] **CAPSULE MULTICOUCHE ET PROCEDURE DE FABRICATION DE CELLE-CI**

[72] GOTO, IKUO, JP
[72] CHIANG, CHIN-CHIH, US
[72] CHEN, YEN-FEI, CN
[71] ORIENT PHARMA CO., LTD., CN

[85] 2013-12-04
[86] 2011-06-15 (PCT/US2011/040589)
[87] (WO2012/173621)

[21] **2,838,327**
[13] A1

[51] **Int.Cl. C07F 17/00 (2006.01) C08F 4/6592 (2006.01) C08F 10/02 (2006.01) C08F 210/16 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING ETHYLENE-.ALPHA.-OLEFIN-DIENE COPOLYMER**

[54] **PROCEDURE DE PREPARATION D'UN COPOLYMER ETHEYLENE-?-OLEFINE-DIENE**

[72] SHIN, DONG CHEOL, KR
[72] LEE, HO SEONG, KR
[72] KIM, SEONG KYUN, KR
[72] LEE, SANG ICK, KR
[72] KIM, SUN YOUNG, KR
[72] HAHN, JONG SOK, KR
[72] JEON, CHAN WOONG, KR
[72] KIM, JEONG HWAN, KR
[71] SK GLOBAL CHEMICAL CO., LTD., KR

[71] SK INNOVATION CO., LTD., KR

[85] 2013-12-04
[86] 2012-06-08 (PCT/KR2012/004512)
[87] (WO2012/169812)
[30] KR (10-2011-0055719) 2011-06-09
[30] KR (10-2012-0059443) 2012-06-01

[21] **2,838,328**
[13] A1

[51] **Int.Cl. B05D 5/06 (2006.01) B05C 11/00 (2006.01)**

[25] EN

[54] **MARKING METHODS, APPARATUS AND SYSTEMS INCLUDING OPTICAL FLOW-BASED DEAD RECKONING FEATURES**

[54] **PROCEDES, APPAREIL ET SYSTEMES DE MARQUAGE COMPRENANT DES CARACTERISTIQUES ESTIMEES EN FONCTION DE FLUX OPTIQUE**

[72] NIELSEN, STEVEN, US
[72] CHAMBERS, CURTIS, US
[72] FARR, JEFFREY, US
[72] VICE, JACK M., US
[71] CERTUSVIEW TECHNOLOGIES, LLC, US

[85] 2013-12-04
[86] 2012-05-02 (PCT/US2012/036198)
[87] (WO2012/151333)
[30] US (61/481,539) 2011-05-02
[30] US (13/236,162) 2011-09-19

[21] **2,838,329**
[13] A1

[51] **Int.Cl. C05B 17/00 (2006.01) C05B 17/02 (2006.01) C05D 9/02 (2006.01) C05G 3/00 (2006.01) C05G 3/02 (2006.01)**

[25] EN

[54] **USE OF AMINOCARBOXYLATES IN AGRICULTURE**

[54] **UTILISATION D'AMINOCARBOXYLATES DANS LE DOMAINE AGRICOLE**

[72] HUFFER, STEPHAN, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[72] STAFFEL, WOLFGANG, DE
[72] LANG, FRANK-PETER, DE
[72] WISSEMEIER, ALEXANDER, DE
[71] BASF SE, DE

[85] 2013-12-05
[86] 2012-06-25 (PCT/EP2012/062180)
[87] (WO2013/000844)
[30] EP (11171904.3) 2011-06-29
[30] EP (11190762.2) 2011-11-25
[30] EP (12169830.2) 2012-05-29

[21] **2,838,330**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **OPTOGENETIC PROBES FOR MEASURING MEMBRANE POTENTIAL**

[54] **SONDES OPTOGENETIQUES POUR MESURER LE POTENTIEL DE MEMBRANE**

[72] COHEN, ADAM E., US
[72] KRALJ, JOEL M., US
[72] DOUGLASS, ADAM D., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2013-12-04
[86] 2011-08-23 (PCT/US2011/048793)
[87] (WO2012/027358)
[30] US (61/376,049) 2010-08-23
[30] US (61/412,972) 2010-11-12

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[21] **2,838,331**
[13] A1

[51] **Int.Cl. C07D 417/12 (2006.01)**
[25] EN
[54] **CYCLOPROPYL-FUSED-1,3-THIAZEPINES AS BACE 1 AND/OR BACE 2 INHIBITORS**
[54] **1,3-THIAZEPINES A CYCLOPROPYLE FUSIONNE EN TANT QU'INHIBITEURS DE BACE 1 ET/OU DE BACE 2**
[72] WOLTERING, THOMAS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] SIENA BIOTECH S.P.A., IT
[85] 2013-12-05
[86] 2012-07-03 (PCT/EP2012/062867)
[87] (WO2013/004676)
[30] EP (11172784.8) 2011-07-06

[21] **2,838,332**
[13] A1

[51] **Int.Cl. C07D 249/08 (2006.01) A01N 43/653 (2006.01)**
[25] EN
[54] **FUNGICIDAL SUBSTITUTED 1-{2-[2-HALO-4-(4-HALOGEN-PHENOXY)-PHENYL]-2-ALKOXY-2-CYCLYL-ETHYL}-1H-[1,2,4]TRIAZOLE COMPOUNDS**
[54] **COMPOSES DE 1-{2-[2-HALOGENO-4-(4-HALOGENO-PHENOXY)-PHENYL]-2-ALCOXY-2-CYCLYL-ETHYL}-1H-[1,2,4]TRIAZOLE SUBSTITUES FONGICIDES**
[72] DIETZ, JOCHEN, DE
[72] RIGGS, RICHARD, DE
[72] BOUDET, NADEGE, DE
[72] LOHMANN, JAN KLAAS, DE
[72] CRAIG, IAN ROBERT, DE
[72] HADEN, EGON, DE
[72] LAUTERWASSER, ERICA MAY WILSON, DE
[72] MULLER, BERND, DE
[72] GRAMMENOS, WASSILIOS, DE
[72] GROTE, THOMAS, DE
[71] BASF SE, DE
[85] 2013-12-05
[86] 2012-08-14 (PCT/EP2012/065847)
[87] (WO2013/024080)
[30] EP (11177555.7) 2011-08-15

[21] **2,838,333**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **HOUSING FOR ENCASING A TABLET COMPUTER**
[54] **LOGEMENT DESTINE A RECEVOIR UNE TABLETTE**
[72] RAYNER, GARY, US
[71] TREEFROG DEVELOPMENTS, INC., US
[85] 2013-12-04
[86] 2012-06-13 (PCT/US2012/042334)
[87] (WO2012/174175)
[30] US (61/496,503) 2011-06-13
[30] US (61/497,479) 2011-06-15

[21] **2,838,334**
[13] A1

[51] **Int.Cl. H04W 48/18 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR RADIO ACCESS TECHNOLOGY SEARCH**
[54] **PROCEDES ET APPAREIL POUR LA RECHERCHE DE TECHNOLOGIES D'ACCES RADIO**
[72] RAMACHANDRAN, SHYAMAL, US
[72] KLINGENBRUNN, THOMAS, US
[72] UMATT, BHUPESH MANOHARLAL, US
[71] QUALCOMM INCORPORATED, US
[85] 2013-12-04
[86] 2012-06-15 (PCT/US2012/042745)
[87] (WO2012/174428)
[30] US (61/498,413) 2011-06-17
[30] US (13/523,291) 2012-06-14

[21] **2,838,335**
[13] A1

[51] **Int.Cl. G01N 27/00 (2006.01) C12Q 1/04 (2006.01) G01N 27/04 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR IDENTIFYING MICROBES AND COUNTING MICROBES AND DETERMINING ANTIMICROBIAL SENSITIVITY**
[54] **DISPOSITIF ET PROCEDE POUR IDENTIFIER ET COMPTER DES MICROBES ET DETERMINER UNE SENSIBILITE A UN ANTIMICROBIEN**
[72] NICKEL, CYNTHIA S., US
[72] POWELL, CLOIS E., US
[72] BIARD, JAMES R., US
[72] STAPLETON, WILLIAM A., US
[72] ARON, GARY M., US
[72] HILL, JEANETTE, US
[72] COOK, RAY G., US
[72] JUSTISS, DANIEL M., US
[72] STRIETER, FREDERICK J., US
[72] KILIAN, WAYNE T., US
[72] MANOLIU, ANDREI M., US
[71] DXUPCLOSE, US
[71] TEXAS STATE UNIVERSITY, US
[85] 2013-12-04
[86] 2012-05-04 (PCT/US2012/036689)
[87] (WO2012/151563)
[30] US (61/482,569) 2011-05-04
[30] US (61/493,152) 2011-06-03

[21] **2,838,338**
[13] A1

[51] **Int.Cl. G01F 1/56 (2006.01)**
[25] EN
[54] **FLUID FLOW MEASUREMENT SENSOR, METHOD, AND ANALYSIS**
[54] **CAPTEUR DE MESURE D'ECOULEMENT DE FLUIDE, PROCEDE ET ANALYSE**
[72] MAUTE, ROBERT E., US
[72] SIDHWA, FEROZE J., US
[71] REM SCIENTIFIC ENTERPRISES, INC., US
[85] 2013-12-04
[86] 2012-05-25 (PCT/US2012/039651)
[87] (WO2012/166627)
[30] US (61/491,036) 2011-05-27

Demandes PCT entrant en phase nationale

[21] **2,838,339**
[13] A1

[51] **Int.Cl. E21B 47/04 (2012.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **CONTROL SYSTEM FOR DOWNHOLE OPERATIONS**

[54] **SYSTEME DE COMMANDE POUR OPERATIONS EN FOND DE TROU**

[72] VUYK, ADRIAN, JR., US

[71] WEATHERFORD/LAMB, INC., US

[85] 2013-12-03

[86] 2012-06-14 (PCT/US2012/042535)

[87] (WO2012/174295)

[30] US (61/496,784) 2011-06-14

[21] **2,838,340**
[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/435 (2006.01)**

[25] EN

[54] **METHOD OF TREATING OR AMELIORATING METABOLIC DISORDERS USING CLEC-2**

[54] **METHODE DE TRAITEMENT OU D'AMELIORATION DE TROUBLES METABOLIQUES A L'AIDE DE CLEC-2**

[72] WU, XINLE, US

[72] LI, YANG, US

[71] AMGEN INC., US

[85] 2013-12-03

[86] 2012-06-18 (PCT/US2012/042960)

[87] (WO2012/174534)

[30] US (61/498,370) 2011-06-17

[21] **2,838,341**
[13] A1

[51] **Int.Cl. A42B 3/00 (2006.01) A42B 3/12 (2006.01)**

[25] EN

[54] **VIBRATION DAMPENING MATERIAL**

[54] **MATERIAU D'AMORTISSEMENT DES VIBRATIONS**

[72] VITO, ROBERT A., US

[72] DIMARIO, CARMEN N., US

[72] FALONE, THOMAS, US

[71] MATSCITECHNO LICENSING COMPANY, US

[85] 2013-12-04

[86] 2012-05-31 (PCT/US2012/040104)

[87] (WO2012/170268)

[30] US (13/155,522) 2011-06-08

[21] **2,838,342**
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) G06F 15/18 (2006.01)**

[25] EN

[54] **OPTIMIZATION OF DYNAMICALLY CHANGING DOWNHOLE TOOL SETTINGS**

[54] **OPTIMISATION DE REGLAGES D'OUTILS DE FOND DE PUIS CHANGEANT DYNAMIQUEMENT**

[72] MORAN, DAVID P., US

[72] OLIVER, STUART R., US

[71] SMITH INTERNATIONAL, INC., US

[85] 2013-12-04

[86] 2012-05-31 (PCT/US2012/040150)

[87] (WO2012/170273)

[30] US (13/154,921) 2011-06-07

[21] **2,838,343**
[13] A1

[51] **Int.Cl. C08L 83/12 (2006.01)**

[25] EN

[54] **BIODEGRADABLE POLYORGANOSILOXANE DEMULSIFIER COMPOSITION AND METHOD FOR MAKING THE SAME**

[54] **COMPOSITION DESEMULSIFIANTE BIODEGRADABLE A BASE DE POLYORGANOSILOXANE ET SON PROCEDE DE FABRICATION**

[72] PHUKAN, MONJIT, IN

[72] SAXENA, ANUBHAV, IN

[72] DUBEY, MAJYANK KUMAR, IN

[72] PALUMBO, ANTONIO, IT

[72] KOCZO, KALMAN, US

[71] MOMENTIVE PERFORMANCE MATERIALS INC., US

[85] 2013-12-03

[86] 2012-06-21 (PCT/US2012/043486)

[87] (WO2012/177836)

[30] US (13/165,085) 2011-06-21

[21] **2,838,345**
[13] A1

[51] **Int.Cl. G10K 11/172 (2006.01) F02C 7/045 (2006.01)**

[25] EN

[54] **ACOUSTIC PANEL AND ASSOCIATED ASSEMBLY METHOD**

[54] **PANNEAU D'INSONORISATION ET PROCEDE D'ASSEMBLAGE ASSOCIE**

[72] FRANZOI, ERIC, US

[72] WALKER, JASON, US

[72] KOSAL, DAVID, US

[71] ZEPHYROS, INC., US

[85] 2013-12-03

[86] 2012-06-27 (PCT/US2012/044316)

[87] (WO2013/003411)

[30] US (61/502,527) 2011-06-29

[21] **2,838,347**
[13] A1

[51] **Int.Cl. A63F 13/70 (2014.01) A63F 13/30 (2014.01) A63F 13/45 (2014.01) A63F 13/795 (2014.01) A63F 13/798 (2014.01) G07F 17/32 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONDUCTING ONLINE VIDEO GAME TOURNAMENTS**

[54] **SYSTEME ET PROCEDE PERMETTANT DE MENER DES TOURNOIS DE JEU VIDEO EN LIGNE**

[72] VERSACI, JOE, US

[71] INTERTAINTECH CORPORATION, CA

[85] 2013-12-04

[86] 2012-06-22 (PCT/CA2012/000628)

[87] (WO2012/174656)

[30] US (61/500,864) 2011-06-24

[30] US (61/599,211) 2012-02-15

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[21] **2,838,348**
[13] A1

[51] **Int.Cl. B62K 3/00 (2006.01)**
[25] FR
[54] **"HUBLESS" SELF-BALANCING HUMAN TRANSPORTER**
[54] **GYROPODE "HUBLESS" DE STRUCTURE SIMPLIFIEE**
[72] MARTINELLI, PASCAL MARIE CHRISTIAN YVES, FR
[72] WILLIAMS, ALEXIS LOUIS, FR
[72] LARIVE, OLIVIER FRANCOIS, FR
[72] COIBION, NICOLAS RENE, FR
[71] UNIVERSITE PARIS-SUD 11, FR
[85] 2013-12-04
[86] 2012-06-04 (PCT/EP2012/060478)
[87] (WO2012/171821)
[30] FR (11 55334) 2011-06-17

[21] **2,838,350**
[13] A1

[51] **Int.Cl. F41H 1/02 (2006.01)**
[25] FR
[54] **GARMENT FOR BALLISTIC PROTECTION AND CARRYING EQUIPMENT**
[54] **VETEMENT DE PROTECTION BALISTIQUE ET DE PORTAGE DE MATERIEL**
[72] TIRARD, FRANCK, FR
[71] SAGEM DEFENSE SECURITE, FR
[85] 2013-12-04
[86] 2012-06-07 (PCT/EP2012/060802)
[87] (WO2012/168366)
[30] FR (1154991) 2011-06-08

[21] **2,838,353**
[13] A1

[51] **Int.Cl. B01J 35/08 (2006.01) B01D 53/94 (2006.01) B01J 35/10 (2006.01) C04B 38/06 (2006.01) F01N 3/28 (2006.01)**
[25] FR
[54] **DEVICE FOR PURIFYING EXHAUST GASES FROM A HEAT ENGINE, COMPRISING A CATALYTIC CERAMIC SUPPORT COMPRISING AN ARRANGEMENT OF ESSENTIALLY IDENTICAL CRYSTALLITES**
[54] **DISPOSITIF D'EPURATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR THERMIQUE COMPRENANT UN SUPPORT CERAMIQUE CATALYTIQUE COMPRENANT UN ARRANGEMENT DE CRISTALLITES SENSIBLEMENT IDENTIQUES**
[72] DEL GALLO, PASCAL, FR
[72] ROSSIGNOL, FABRICE, FR
[72] CHARTIER, THIERRY, FR
[72] FAURE, RAPHAEL, FR
[72] GOUDALLE, SEBASTIEN, FR
[72] BONHOMME, CLAIRE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE LIMOGES, FR
[85] 2013-12-04
[86] 2012-06-08 (PCT/EP2012/060901)
[87] (WO2013/000682)
[30] FR (1155683) 2011-06-27

[21] **2,838,360**
[13] A1

[51] **Int.Cl. B01J 35/08 (2006.01) B01D 53/94 (2006.01) B01J 35/10 (2006.01) C04B 38/06 (2006.01) F01N 3/28 (2006.01)**
[25] FR
[54] **DEVICE FOR THE PURIFICATION OF EXHAUST GASES FROM A HEAT ENGINE, COMPRISING A CERAMIC CARRIER AND AN ACTIVE PHASE MECHANICALLY ANCHORED IN THE CARRIER**
[54] **DISPOSITIF D'EPURATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR THERMIQUE COMPRENANT UN SUPPORT CERAMIQUE ET UNE PHASE ACTIVE ANCREE MECANIQUEMENT DANS LE SUPPORT**
[72] DEL GALLO, PASCAL, FR
[72] ROSSIGNOL, FABRICE, FR
[72] CHARTIER, THIERRY, FR
[72] FAURE, RAPHAEL, FR
[72] GOUDALLE, SEBASTIEN, FR
[72] BONHOMME, CLAIRE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE LIMOGES, FR
[85] 2013-12-04
[86] 2012-06-08 (PCT/EP2012/060904)
[87] (WO2013/000683)
[30] FR (1155688) 2011-06-27

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[21] **2,838,363**
[13] A1

[51] **Int.Cl. B01J 35/08 (2006.01) B01D 53/94 (2006.01) B01J 35/10 (2006.01) C04B 38/06 (2006.01) F01N 3/28 (2006.01)**

[25] FR

[54] **DEVICE FOR THE PURIFICATION OF EXHAUST GASES FROM A HEAT ENGINE, COMPRISING A CERAMIC CARRIER AND AN ACTIVE PHASE CHEMICALLY AND MECHANICALLY ANCHORED IN THE CARRIER**

[54] **DISPOSITIF D'EPURATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR THERMIQUE COMPRENANT UN SUPPORT CERAMIQUE ET UNE PHASE ACTIVE ANCREE CHIMIQUEMENT ET MECANIQUEMENT DANS LE SUPPORT**

[72] DEL GALLO, PASCAL, FR
[72] ROSSIGNOL, FABRICE, FR
[72] CHARTIER, THIERRY, FR
[72] FAURE, RAPHAEL, FR
[72] GOUDALLE, SEBASTIEN, FR
[72] BONHOMME, CLAIRE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] UNIVERSITE DE LIMOGES, FR

[85] 2013-12-04
[86] 2012-06-08 (PCT/EP2012/060908)
[87] (WO2013/000684)
[30] FR (1155682) 2011-06-27

[21] **2,838,367**
[13] A1

[51] **Int.Cl. H01L 51/42 (2006.01) H01L 51/00 (2006.01)**

[25] FR

[54] **ORGANIC PHOTODIODE PROVIDED WITH AN ACTIVE ZONE COMPRISING MEANS FOR PROMOTING CHARGE CARRIER COLLECTION AND CONDUCTION**

[54] **PHOTODIODE ORGANIQUE DOTEE D'UNE ZONE ACTIVE COMPORTANT DES MOYENS POUR FAVORISER LA COLLECTE ET LA CONDUCTION DES PORTEURS DE CHARGE**

[72] BENWADIH, MOHAMMED, FR

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

[71] ISORG, FR

[85] 2013-12-04
[86] 2012-06-19 (PCT/EP2012/061740)
[87] (WO2012/175512)
[30] FR (11 55509) 2011-06-22

[21] **2,838,371**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01) G06F 17/21 (2006.01)**

[25] EN

[54] **TRANSITIONING BETWEEN AN EDITING VIEW AND A BACKSTAGE VIEW OF AN ELECTRONIC DOCUMENT**

[54] **TRANSITION ENTRE UNE VUE D'EDITION ET UNE VUE D'ARRIERE-SCENE D'UN DOCUMENT ELECTRONIQUE**

[72] KAUFTHAL, JONATHAN S., US
[72] EDWARDS, CHRISTOPHER D., US
[72] PEARSON, MARK E., US
[71] MICROSOFT CORPORATION, US

[85] 2013-12-04
[86] 2012-06-04 (PCT/US2012/040702)
[87] (WO2012/173806)
[30] US (13/159,972) 2011-06-14

[21] **2,838,375**
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01) A61B 5/157 (2006.01)**

[25] EN

[54] **INTEGRATED LANCING DEVICE**

[54] **DISPOSITIF DE PRELEVEMENT INTEGRE**

[72] CASTLE, MARK, US
[72] KUGIZAKI, RODNEY, US
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-12-04
[86] 2012-06-04 (PCT/US2012/040740)
[87] (WO2012/170348)
[30] US (13/156,491) 2011-06-09

[21] **2,838,387**
[13] A1

[51] **Int.Cl. A61K 33/24 (2006.01) A61K 31/015 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **USE OF METALLOCENE COMPOUNDS FOR CANCER TREATMENT**

[54] **UTILISATION DE COMPOSES METALLOCENES POUR LE TRAITEMENT DU CANCER**

[72] HLAVINKA, MARK L, US
[72] YANG, QING, US
[72] MURPH, MANDI MICHELLE, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US

[85] 2013-12-04
[86] 2012-06-05 (PCT/US2012/040843)
[87] (WO2012/170384)
[30] US (61/493,583) 2011-06-06
[30] US (13/488,490) 2012-06-05

[21] **2,838,396**
[13] A1

[51] **Int.Cl. A61B 5/03 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **FLUID DELIVERY SYSTEM WITH PRESSURE MONITORING DEVICE**

[54] **SYSTEME DE DISTRIBUTION DE FLUIDE MUNI DE DISPOSITIF DE SURVEILLANCE DE PRESSION**

[72] STOUT, CHRISTOPHER A., US
[71] BAYER ESSURE INC., US

[85] 2013-12-04
[86] 2012-06-05 (PCT/US2012/040904)
[87] (WO2012/170418)
[30] US (13/155,350) 2011-06-07

PCT Applications Entering the National Phase

[21] **2,838,397**
[13] A1

[51] **Int.Cl. G06F 1/32 (2006.01) G06F 9/44 (2006.01) G06F 11/30 (2006.01) G06F 21/00 (2013.01)**

[25] EN

[54] **MOBILE DEVICE OPERATIONS WITH BATTERY OPTIMIZATION**

[54] **OPERATIONS DE DISPOSITIF MOBILE PRESENTANT UNE OPTIMISATION DE BATTERIE**

[72] SEINFELD, MARC, US
[72] KUO, CHENGI JIMMY, US
[72] PUTNAM, AARON, US
[72] WILLIAMS, JEFF, US
[71] MICROSOFT CORPORATION, US
[85] 2013-12-04
[86] 2012-06-06 (PCT/US2012/041035)
[87] (WO2012/173843)
[30] US (13/162,133) 2011-06-16

[21] **2,838,398**
[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/536 (2006.01)**

[25] EN

[54] **LAMINATE ABSORBENT CORE FOR USE IN ABSORBENT ARTICLES**

[54] **AME ABSORBANTE STRATIFIEE UTILISABLE DANS DES ARTICLES ABSORBANTS**

[72] THOMANN, MAIKE, DE
[72] EHRNSPERGER, BRUNO, DE
[72] MASSA, ALESSANDRA, IT
[72] LASO, MANUEL, ES
[72] WIRTZ, BIRGIT, DE
[72] ENGEL, ROLAND, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-12-04
[86] 2012-06-06 (PCT/US2012/041100)
[87] (WO2012/170532)
[30] EP (11169514.4) 2011-06-10

[21] **2,838,401**
[13] A1

[51] **Int.Cl. C07D 493/08 (2006.01) A61K 31/343 (2006.01) A61K 31/366 (2006.01) A61P 35/00 (2006.01) C07J 71/00 (2006.01)**

[25] EN

[54] **NEW TACCALONOLIDE MICROTUBULE STABILIZERS**

[54] **NOUVEAUX STABILISATEURS TACCALONOLIDES DE MICROTUBULES**

[72] MOOBERRY, SUSAN L., US
[72] PENG, JIANGNAN, US
[72] RISINGER, APRIL L., US
[72] LI, JING, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2013-12-04
[86] 2012-06-06 (PCT/US2012/041152)
[87] (WO2012/170573)
[30] US (61/493,653) 2011-06-06
[30] US (61/535,202) 2011-09-15

[21] **2,838,402**
[13] A1

[51] **Int.Cl. A61F 11/00 (2006.01)**

[25] EN

[54] **DRUG DELIVERY DEVICE EMPLOYING WICKING RELEASE WINDOW**

[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT EMPLOYANT UNE FENETRE DE LIBERATION PAR INHIBITION PAR CAPILLARITE**

[72] MOSS, JOHN A., US
[72] SMITH, THOMAS J., US
[72] BAUM, MARC M., US
[71] OAK CREST INSTITUTE OF SCIENCE, US
[85] 2013-12-04
[86] 2012-06-06 (PCT/US2012/041159)
[87] (WO2012/170578)
[30] US (61/520,152) 2011-06-06

[21] **2,838,403**
[13] A1

[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/02 (2006.01)**

[25] EN

[54] **ENHANCING LOW FREQUENCY CONTENT IN MARINE SIMULTANEOUS VIBROSEIS ACQUISITION**

[54] **AMELIORATION DU CONTENU BASSE FREQUENCE DANS UNE ACQUISITION VIBROSISMIQUE MARINE SIMULTANEE**

[72] BAGAINI, CLAUDIO, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-12-04
[86] 2012-06-07 (PCT/US2012/041219)
[87] (WO2012/170608)
[30] US (61/494,648) 2011-06-08
[30] US (13/479,759) 2012-05-24

[21] **2,838,405**
[13] A1

[51] **Int.Cl. C08F 279/00 (2006.01)**

[25] EN

[54] **TEMPLATE-FREE AQUEOUS SYNTHESIS OF CONDUCTIVE POLYMER NANOPARTICLES**

[54] **SYNTHESE AQUEUSE SANS MATRICE DE NANOPARTICULES DE POLYMERE CONDUCTEUR**

[72] VETTER, CHRISTOPHER A., US
[72] GELLING, VICTORIA J., US
[71] NDSU RESEARCH FOUNDATION, US
[85] 2013-12-04
[86] 2012-06-07 (PCT/US2012/041270)
[87] (WO2012/170643)
[30] US (61/520,282) 2011-06-07

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[21] **2,838,410**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01) F25B 49/02 (2006.01) H02J 3/14 (2006.01)**

[25] FR

[54] **HEATING, VENTILATION AND/OR AIR-CONDITIONING DEVICE WITH TARGETED POWER-SUPPLY MANAGEMENT**

[54] **DISPOSITIF DE CHAUFFAGE, VENTILATION ET/OU CLIMATISATION A GESTION D'ALIMENTATION CIBLEE**

[72] HEINTZ, BRUNO, FR

[72] OURY, JEAN-MARC, FR

[72] LEFEBVRE DE SAINT GERMAIN, HUGUES, FR

[72] BIVAS, PIERRE, FR

[72] BINEAU, MATHIEU, FR

[71] VOLTALIS, FR

[85] 2013-12-05

[86] 2012-06-12 (PCT/FR2012/000238)

[87] (WO2012/172193)

[30] FR (11/01830) 2011-06-15

[21] **2,838,413**
[13] A1

[51] **Int.Cl. E04H 12/12 (2006.01) E04H 12/16 (2006.01) E04H 12/34 (2006.01)**

[25] EN

[54] **SOCKET-PROJECTION FIXING ASSEMBLY**

[54] **ENSEMBLE DE FIXATION A SAILLIE-CAVITE**

[72] FERNANDEZ GOMEZ, MIGUEL ANGEL, ES

[72] JIMENO CHUECA, JOSE EMILIO, ES

[71] INNEO TORRES, S.L., ES

[85] 2013-12-05

[86] 2012-06-08 (PCT/EP2012/060947)

[87] (WO2012/168467)

[30] ES (P 201130961) 2011-06-09

[21] **2,838,415**
[13] A1

[51] **Int.Cl. B32B 27/08 (2006.01) B32B 7/12 (2006.01) B32B 27/16 (2006.01) B32B 27/28 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01)**

[25] EN

[54] **STERILIZABLE FILM FOR ASEPTIC PACKAGING**

[54] **FILM STERILISABLE POUR CONDITIONNEMENT ASEPTIQUE**

[72] BEKELE, SOLOMON, US

[71] CRYOVAC, INC., US

[85] 2013-12-04

[86] 2012-06-07 (PCT/US2012/041281)

[87] (WO2012/173857)

[30] US (13/159,575) 2011-06-14

[21] **2,838,417**
[13] A1

[51] **Int.Cl. F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01)**

[25] FR

[54] **TURBINE ENGINE COMPRISING A FLOATING BEARING FOR GUIDING A SHAFT OF THE TURBINE ENGINE**

[54] **TURBOMACHINE COMPORTANT UN PALIER FLOTTANT DE GUIDAGE D'UN ARBRE DE LA TURBOMACHINE**

[72] MORREALE, SERGE, FR

[72] GILLE, LAURENT, FR

[71] SNECMA, FR

[85] 2013-12-05

[86] 2012-06-06 (PCT/FR2012/051261)

[87] (WO2012/168649)

[30] FR (1154996) 2011-06-08

[21] **2,838,418**
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01) C08H 8/00 (2010.01) B01F 7/00 (2006.01) C08J 3/00 (2006.01) C13K 1/02 (2006.01)**

[25] EN

[54] **PROCESSING BIOMASS**

[54] **TRAITEMENT DE BIOMASSE**

[72] MEDOFF, MARSHALL, US

[72] BAE, SEUL-A, US

[72] VALDEZ, RANDY, US

[72] MASTERMAN, THOMAS CRAIG, US

[71] XYLECO, INC., US

[85] 2013-12-04

[86] 2012-06-07 (PCT/US2012/041382)

[87] (WO2012/170707)

[30] US (61/495,217) 2011-06-09

[21] **2,838,420**
[13] A1

[51] **Int.Cl. C08F 10/00 (2006.01) C08F 210/02 (2006.01)**

[25] EN

[54] **POLYMER COMPOSITIONS FOR BLOW MOLDING APPLICATIONS**

[54] **COMPOSITIONS DE POLYMERES POUR APPLICATIONS DE MOULAGE PAR SOUFFLAGE**

[72] YANG, QING, US

[72] MCDANIEL, MAX P., US

[72] BEAULIEU, WILLIAM B., US

[72] YU, YOU LU, US

[72] CRAIN, TONY R., US

[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US

[85] 2013-12-04

[86] 2012-06-08 (PCT/US2012/041466)

[87] (WO2012/170762)

[30] US (13/156,102) 2011-06-08

[21] **2,838,421**
[13] A1

[51] **Int.Cl. B23Q 3/06 (2006.01) B25B 5/14 (2006.01)**

[25] FR

[54] **DEVICE FOR HOLDING A TURBOMACHINE BLADE FOR THE PURPOSES OF MACHINING**

[54] **DISPOSITIF DE MAINTIEN D'UNE AUBE DE TURBOMACHINE EN VUE D'UN USINAGE**

[72] MARQUOIN, THOMAS, FR

[72] DUPOUY, OLIVIER, FR

[71] SNECMA, FR

[85] 2013-12-05

[86] 2012-06-07 (PCT/FR2012/051286)

[87] (WO2012/175840)

[30] FR (1155464) 2011-06-21

[21] **2,838,423**
[13] A1

[51] **Int.Cl. E01B 9/30 (2006.01)**

[25] EN

[54] **RAIL-FASTENING SYSTEM**

[54] **SYSTEME DE FIXATION POUR RAILS**

[72] LIENHARD, STEFAN, DE

[72] WALTER, DANIEL, DE

[72] DANNEBERG, ERIK, CH

[72] BUDA, ROLAND, DE

[71] SCHWIHAG AG, CH

[85] 2013-12-05

[86] 2012-06-11 (PCT/EP2012/002455)

[87] (WO2012/167947)

[30] DE (10 2011 106 363.7) 2011-06-10

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[21] **2,838,427**
[13] A1

[51] **Int.Cl. B02C 2/04 (2006.01) B02C 25/00 (2006.01)**
[25] EN
[54] **TRAMP MATERIAL INDICATION**
[54] **INDICATION DE LA PRESENCE DE MATERIAU EGARE**
[72] BELOTSEKOVSKIY, KONSTANTIN, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2013-12-05
[86] 2012-05-29 (PCT/EP2012/059975)
[87] (WO2012/171775)
[30] EP (11170323.7) 2011-06-17

[21] **2,838,429**
[13] A1

[51] **Int.Cl. F16K 1/30 (2006.01)**
[25] FR
[54] **FILLING CONNECTOR, CONTAINER, FILLING METHOD AND FILLING NOZZLE**
[54] **RACCORD DE REMPLISSAGE, RECIPIENT, PROCEDE DE REMPLISSAGE ET PRISE DE CONDITIONNEMENT**
[72] FRENAL, ANTOINE, FR
[72] MANSOURT, CYRIL, FR
[72] PISOT, PHILIPPE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2013-12-05
[86] 2012-07-06 (PCT/FR2012/051597)
[87] (WO2013/014355)
[30] FR (1156785) 2011-07-26

[21] **2,838,430**
[13] A1

[51] **Int.Cl. B41J 2/16 (2006.01)**
[25] EN
[54] **INK JET PRINT HEAD COMPRISING A LAYER MADE BY A CURABLE RESIN COMPOSITION**
[54] **TETE D'IMPRESSION A JET D'ENCRE COMPRENANT UNE COUCHE CONSTITUEE D'UNE COMPOSITION DE RESINE DURCISSABLE**
[72] CIAMPINI, DAVIDE, IT
[72] GINO, LUIGINA, IT
[72] GIORDANO, NORMA, IT
[71] SICPA HOLDING SA, CH
[85] 2013-12-05
[86] 2012-05-30 (PCT/EP2012/060132)
[87] (WO2012/168121)
[30] IT (MI2011A 001011) 2011-06-06

[21] **2,838,432**
[13] A1

[51] **Int.Cl. A61F 13/53 (2006.01) A61F 13/532 (2006.01) A61F 13/533 (2006.01) A61F 13/535 (2006.01)**
[25] EN
[54] **ABSORBENT STRUCTURE FOR ABSORBENT ARTICLES**
[54] **STRUCTURE ABSORBANTE DESTINEE A DES ARTICLES ABSORBANTS**
[72] ROSATI, RODRIGO, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[72] JACKELS, HANS ADOLF, DE
[72] ARIZTI, BLANCA, DE
[72] BIANCHI, ERNESTO G., DE
[72] ROE, DONALD CARROLL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-12-04
[86] 2012-06-08 (PCT/US2012/041493)
[87] (WO2012/170779)
[30] US (61/495,404) 2011-06-10

[21] **2,838,433**
[13] A1

[51] **Int.Cl. G01H 9/00 (2006.01) G01V 1/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCATING AN ACCOUSTIC SOURCE**
[54] **PROCEDE ET SYSTEME DE LOCALISATION D'UNE SOURCE ACOUSTIQUE**
[72] FARHADIROUSHAN, MAHMOUD, GB
[72] PARKER, TOM, GB
[72] YOUSIF, KAMIL, GB
[71] SILIXA LTD, GB
[85] 2013-12-05
[86] 2012-06-06 (PCT/GB2012/000490)
[87] (WO2012/168679)
[30] GB (1109372.1) 2011-06-06
[30] GB (1113381.6) 2011-08-03

[21] **2,838,435**
[13] A1

[51] **Int.Cl. C07D 213/89 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61P 11/00 (2006.01) A61P 17/00 (2006.01) A61P 37/08 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **DERIVATIVES OF 1-PHENYL-2-PYRIDINYL ALKYL ALCOHOLS AS PHOSPHODIESTERASE INHIBITORS**
[54] **DERIVES D'ALCOOLS 1-PHENYL-2-PYRIDINYL ALKYL LIQUES UTILISES EN TANT QU'INHIBITEURS DE PHOSPHODIESTERASE**
[72] ARMANI, ELISABETTA, IT
[72] AMARI, GABRIELE, IT
[72] CARZANIGA, LAURA, IT
[72] CAPALDI, CARMELIDA, IT
[72] ESPOSITO, ORIANA, IT
[72] VILLETTO, GINO, IT
[72] DE FANTI, RENATO, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2013-12-05
[86] 2012-06-05 (PCT/EP2012/060579)
[87] (WO2012/168226)
[30] EP (11168853.7) 2011-06-06

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[21] **2,838,436**
[13] A1

[51] **Int.Cl. A01N 1/02 (2006.01) G01N 31/00 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CYTOMIC VASCULAR HEALTH PROFILING**
[54] **SYSTEME ET PROCEDE DE PROFILAGE CYTOMETRIQUE DE LA SANTE VASCULAIRE**
[72] MOHLER, EMILE R., US
[72] MOORE, JONNI S., US
[72] ZHANG, LIFENG, US
[72] ROGERS, WADE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2013-12-04
[86] 2012-06-10 (PCT/US2012/041792)
[87] (WO2012/170974)
[30] US (61/495,955) 2011-06-10
[30] US (61/650,353) 2012-05-22

[21] **2,838,437**
[13] A1

[51] **Int.Cl. A47J 42/04 (2006.01) A47J 42/46 (2006.01)**
[25] EN
[54] **GRINDING ASSEMBLY**
[54] **ENSEMBLE DE BROYAGE**
[72] BESTWICK, NATHAN CHRISTOPHER, GB
[71] YORMII KITCHENWARE LIMITED, GB
[85] 2013-12-05
[86] 2012-06-08 (PCT/GB2012/000498)
[87] (WO2012/172280)
[30] GB (1109998.3) 2011-06-14
[30] GB (1114227.0) 2011-08-18
[30] GB (1210037.6) 2012-06-07

[21] **2,838,438**
[13] A1

[51] **Int.Cl. A61K 36/28 (2006.01) A23L 1/00 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **CHICORY FOR PREVENTION AND TREATMENT OF NEURODEGENERATION**
[54] **CHICOREE POUR LA PREVENTION ET LE TRAITEMENT DE LA NEURODEGENERESCENCE**
[72] DURGA, JANE, CH
[72] KUNZ, TINA, CH
[72] YVON, CEDRIC, CH
[72] COURTOIS, DIDIER, FR
[72] HUSSON, JWANRO, FR
[72] LUTHI-CARTER, RUTH, CH
[72] TAYLOR, DAVID, CA
[71] NESTEC S.A., CH
[85] 2013-12-05
[86] 2012-06-05 (PCT/EP2012/060606)
[87] (WO2012/168245)
[30] EP (11168839.6) 2011-06-06

[21] **2,838,439**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/00 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC HEAT TREATMENT PROVIDING ENHANCED OIL RECOVERY**
[54] **TRAITEMENT THERMIQUE ELECTROMAGNETIQUE FOURNISSANT UNE RECUPERATION D'HUILE AMELIOREE**
[72] PARSCHE, FRANCIS EUGENE, US
[71] HARRIS CORPORATION, US
[85] 2013-12-04
[86] 2012-06-11 (PCT/US2012/041856)
[87] (WO2012/173921)
[30] US (13/163,225) 2011-06-17

[21] **2,838,440**
[13] A1

[51] **Int.Cl. G06K 19/06 (2006.01)**
[25] EN
[54] **METHODS OF GENERATING A COMPOSITION FOR IDENTIFYING GOODS**
[54] **PROCEDES DE GENERATION D'UNE COMPOSITION POUR IDENTIFIER DES PRODUITS**
[72] CLEARY, MICHAEL, GB
[71] SMARTWATER LIMITED, GB
[85] 2013-12-05
[86] 2012-06-06 (PCT/GB2012/051269)
[87] (WO2012/168704)
[30] GB (1109444.8) 2011-06-06

[21] **2,838,442**
[13] A1

[51] **Int.Cl. A01N 43/14 (2006.01) A01N 63/02 (2006.01) C07H 15/04 (2006.01) C12P 19/44 (2006.01)**
[25] EN
[54] **LONG CHAIN GLYCOLIPIDS USEFUL TO AVOID PERISHING OR MICROBIAL CONTAMINATION OF MATERIALS**
[54] **GLYCOLIPIDES A LONGUE CHAINE UTILES POUR EVITER QUE DES SUBSTANCES PERISSENT OU SOIENT CONTAMINEES PAR DES MICROBES**
[72] STADLER, MARC, DE
[72] BITZER, JENS, DE
[72] KOPCKE, BARBEL, DE
[72] REINHARDT, KATHRIN, DE
[72] MOLDENHAUER, JANA, DE
[71] IMD NATURAL SOLUTIONS GMBH, DE
[85] 2013-12-05
[86] 2012-06-06 (PCT/EP2012/002399)
[87] (WO2012/167920)
[30] EP (11004776.8) 2011-06-10

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[21] **2,838,452**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 3/048 (2013.01) G06F 9/44 (2006.01)**

[25] EN

[54] **AUTOMATED USER INTERFACE OBJECT TRANSFORMATION AND CODE GENERATION**

[54] **TRANSFORMATION AUTOMATISEE D'UN OBJET D'INTERFACE UTILISATEUR ET PRODUCTION D'UN CODE**

[72] PATEL, RUSHI, US
[72] LARSON, KURT, US
[72] MARESCA, LOUIS, US
[72] RONEY, BRIAN, US
[72] NISSEN, ERIK, US
[72] NANNENGA, JOHN, US
[71] MICROSOFT CORPORATION, US
[85] 2013-12-04
[86] 2012-06-12 (PCT/US2012/042102)
[87] (WO2012/174021)
[30] US (13/159,174) 2011-06-13

[21] **2,838,454**
[13] A1

[51] **Int.Cl. C01G 25/00 (2006.01) B01D 53/94 (2006.01) B01J 21/06 (2006.01) B01J 23/10 (2006.01)**

[25] FR

[54] **COMPOSITION CONSISTING OF A CERIA-ZIRCONIA MIXED OXIDE WITH INCREASED REDUCIBILITY, PRODUCTION METHOD AND USE IN THE FIELD OF CATALYSIS**

[54] **COMPOSITION CONSISTANT EN UN OXYDE MIXTE DE CERIUM ET DE ZIRCONIUM A REDUCTIBILITE ELEVEE, PROCEDE DE PREPARATION ET UTILISATION DANS LE DOMAINE DE LA CATALYSE**

[72] IFRAH, SIMON, FR
[72] ITANI, LAMA, FR
[72] HERNANDEZ, JULIEN, FR
[72] HORBEZ, DOMINIQUE, FR
[71] RHODIA OPERATIONS, FR
[85] 2013-12-05
[86] 2012-06-25 (PCT/EP2012/062222)
[87] (WO2013/004533)
[30] FR (11/02088) 2011-07-04

[21] **2,838,455**
[13] A1

[51] **Int.Cl. B64G 1/22 (2006.01) E04C 3/00 (2006.01) H01Q 1/12 (2006.01)**

[25] EN

[54] **COILABLE EXTENDIBLE MEMBER AND METHODS**

[54] **ELEMENT EXTENSIBLE ENROULABLE ET PROCEDES ASSOCIES**

[72] DATON-LOVETT, ANDREW JAMES, GB
[71] RTL MATERIALS LTD, GB
[85] 2013-12-05
[86] 2012-06-11 (PCT/GB2012/051316)
[87] (WO2012/168741)
[30] GB (1109625.2) 2011-06-09

[21] **2,838,456**
[13] A1

[51] **Int.Cl. H04R 9/02 (2006.01)**

[25] EN

[54] **AN ELECTROMECHANICAL-ELECTROACOUSTIC TRANSDUCER WITH LOW THICKNESS AND HIGH TRAVEL RANGE AND RELEVANT MANUFACTURING METHOD**

[54] **TRANSDUCTEUR ELECTROMECHANIQUE/ELECTROACOUSTIQUE DE FAIBLE EPAISSEUR ET DE PORTEE ELEVEE, ET PROCEDE DE FABRICATION S'Y RAPPORTANT**

[72] SERVADIO, MAURIZIO, IT
[71] SERVADIO, MAURIZIO, IT
[85] 2013-12-05
[86] 2012-06-06 (PCT/EP2012/060772)
[87] (WO2012/171846)
[30] IT (PD2011A000191) 2011-06-13

[21] **2,838,457**
[13] A1

[51] **Int.Cl. A47C 4/10 (2006.01) A47C 4/34 (2006.01) A47C 7/00 (2006.01) A47C 13/00 (2006.01) B62B 1/20 (2006.01)**

[25] EN

[54] **CONVERTIBLE DUAL PURPOSE DEVICE**

[54] **DISPOSITIF CONVERTIBLE A DEUX USAGES**

[72] CARDONA, JAMES PATRICK, AU
[71] CARDONA, JAMES PATRICK, AU
[71] TRAPPETT, GUY DARREN, AU
[71] CLARK, TREVOR RAYMOND, AU
[71] CARDONA, MARIO, AU
[85] 2013-12-05
[86] 2012-06-07 (PCT/AU2012/000656)
[87] (WO2012/167317)
[30] AU (2011902234) 2011-06-07

[21] **2,838,458**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C12N 9/04 (2006.01) C12N 9/12 (2006.01)**

[25] EN

[54] **MODULATORS OF ADP-DEPENDENT GLUCOKINASE (ADPGK) AND GLYCEROL-3-PHOSPHATE DEHYDROGENASE (GPD2) FOR THERAPY**

[54] **MODULATEURS DE GLUCOKINASE ADP-DEPENDANTE (ADPGK) ET DE GLYCEROL-3-PHOSPHATE DESHYDROGENASE (GPD2) A VISEE THERAPEUTIQUE**

[72] KRAMMER, PETER, DE
[72] KAMINSKI, MARCIN M., DE
[72] GULOW, KARSTEN, DE
[72] SAUER, SVEN W., DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2013-12-05
[86] 2012-06-08 (PCT/EP2012/002444)
[87] (WO2012/167944)
[30] EP (11004729.7) 2011-06-09

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[21] **2,838,459**
[13] A1

[51] **Int.Cl. B65D 51/28 (2006.01)**
[25] EN
[54] **CONTAINER CLOSURE HAVING MEANS FOR INTRODUCING AN ADDITIVE INTO THE CONTENTS OF THE CONTAINER**
[54] **DISPOSITIF DE FERMETURE DE RECIPIENT COMPORTANT UN MOYEN DESTINE A INTRODUIRE UN ADDITIF DANS LE CONTENU DU RECIPIENT**
[72] FRUTIN, BERNARD D., GB
[71] GIZMO PACKAGING LIMITED, GB
[85] 2013-12-05
[86] 2012-06-13 (PCT/GB2012/051341)
[87] (WO2012/175934)
[30] GB (1110722.4) 2011-06-24

[21] **2,838,460**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS THAT TRANSMIT INFRARED RADIATION AND EXHIBIT COLOR STABILITY AND RELATED COATING SYSTEMS**
[54] **COMPOSITIONS DE REVETEMENT TRANSMETTANT LES RAYONNEMENTS INFRAROUGES ET PRESENTANT UNE BONNE STABILITE DE LA COULEUR, ET SYSTEMES DE REVETEMENT ASSOCIES**
[72] HELLRING, STUART D., US
[72] MCQUOWN, STEPHEN G., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2013-12-05
[86] 2012-05-29 (PCT/US2012/039829)
[87] (WO2012/170230)
[30] US (13/153,861) 2011-06-06

[21] **2,838,461**
[13] A1

[51] **Int.Cl. A01N 43/48 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING NEURODEGENERATION**
[54] **PROCEDES POUR LA REDUCTION DE LA NEURODEGENERESCENCE**
[72] MIDDLETON, RONDO PAUL, US
[72] ZANGHI, BRIAN MICHAEL, US
[71] NESTEC S.A., CH
[85] 2013-12-05
[86] 2012-06-04 (PCT/US2012/040658)
[87] (WO2012/170322)
[30] US (61/520,332) 2011-06-08

[21] **2,838,462**
[13] A1

[51] **Int.Cl. B01J 8/18 (2006.01) B01J 8/22 (2006.01) B01J 8/28 (2006.01) C07C 1/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AT LEAST ONE PRODUCT FROM AT LEAST ONE GASEOUS REACTANT IN A SLURRY BED**
[54] **PROCEDE DE PRODUCTION D'AU MOINS UN PRODUIT A PARTIR D'AU MOINS UN GAZ REACTIF DANS UN LIT DE BOUE**
[72] BREMAN, BERTHOLD BEREND, NL
[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2013-12-05
[86] 2012-05-30 (PCT/IB2012/052692)
[87] (WO2012/168829)
[30] ZA (2011/04241) 2011-06-07
[30] US (61/493,989) 2011-06-07

[21] **2,838,463**
[13] A1

[51] **Int.Cl. B05B 7/00 (2006.01) A47K 5/12 (2006.01) A47K 5/14 (2006.01)**
[25] EN
[54] **MODULAR PUMP**
[54] **POMPE MODULAIRE**
[72] MCNULTY, JOHN J., US
[72] CIAVARELLA, NICK E., US
[72] SPIEGELBERG, TODD A., US
[72] QUINLAN, ROBERT L., US
[71] GOJO INDUSTRIES, INC., US
[85] 2013-12-05
[86] 2012-06-01 (PCT/US2012/040458)
[87] (WO2012/170296)
[30] US (61/493,802) 2011-06-06

[21] **2,838,465**
[13] A1

[51] **Int.Cl. C10M 169/04 (2006.01) C07C 69/675 (2006.01) C11C 3/00 (2006.01)**
[25] EN
[54] **ESTOLIDE COMPOSITIONS EXHIBITING HIGH OXIDATIVE STABILITY**
[54] **COMPOSITIONS D'ESTOLIDE PRESENTANT UNE STABILITE OXYDANTE ELEVEE**
[72] BREDSGUARD, JAKOB, US
[72] THOMPSON, TRAVIS, US
[72] FOREST, JEREMY, US
[71] BIOSYNTHETIC TECHNOLOGIES, LLC, US
[85] 2013-12-05
[86] 2012-05-30 (PCT/US2012/039937)
[87] (WO2012/173774)
[30] US (61/498,499) 2011-06-17
[30] US (61/569,046) 2011-12-09
[30] US (61/643,072) 2012-05-04

[21] **2,838,466**
[13] A1

[51] **Int.Cl. B01J 8/22 (2006.01) B01J 8/18 (2006.01) B01J 8/28 (2006.01) C07C 1/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AT LEAST ONE PRODUCT FROM AT LEAST ONE GASEOUS REACTANT IN A SLURRY BED**
[54] **PROCEDE DE PRODUCTION D'AU MOINS UN PRODUIT A PARTIR D'AU MOINS UN GAZ REACTIF DANS UN LIT DE BOUE**
[72] BREMAN, BERTHOLD BEREND, NL
[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2013-12-05
[86] 2012-05-30 (PCT/IB2012/052693)
[87] (WO2012/168830)
[30] ZA (2011/04229) 2011-06-07
[30] US (61/493,988) 2011-06-07

PCT Applications Entering the National Phase

[21] **2,838,469**
[13] A1

[51] **Int.Cl. H05G 2/00 (2006.01) H05H 1/22 (2006.01)**

[25] FR

[54] **METHOD AND ARRANGEMENT FOR GENERATING A JET OF FLUID, METHOD AND SYSTEM FOR TRANSFORMING THE JET INTO PLASMA, AND USES OF SAID SYSTEM**

[54] **PROCEDE ET AGENCEMENT POUR ENGENDRER UN JET DE FLUIDE, PROCEDE ET SYSTEME DE TRANSFORMATION DU JET EN UN PLASMA ET APPLICATIONS DE CE SYSTEME**

[72] SYLLA, SORIBA FRANCISZEK (FRANCOIS), FR

[72] MALKA, VICTOR ARMAND, FR

[72] FLACCO, ALESSANDRO FEDERICO, FR

[72] VELTCHEVA, MINA IVANOVA, FR

[72] KAHALY, SUBHENDU, FR

[71] ECOLE POLYTECHNIQUE, FR

[85] 2013-12-05

[86] 2012-06-08 (PCT/FR2012/051297)

[87] (WO2012/168670)

[30] FR (1155056) 2011-06-09

[21] **2,838,470**
[13] A1

[51] **Int.Cl. C10B 1/02 (2006.01) C10B 3/00 (2006.01) C10B 49/02 (2006.01)**

[25] EN

[54] **APPARATUS AND PROCESS FOR CONTINUOUS CARBONISATION OF WOOD CHIPS OR WASTES AND OTHER CHARRING ORGANIC MATERIALS**

[54] **APPAREIL ET PROCEDE POUR LA CARBONISATION CONTINUE DE COPEAUX OU DE DECHETS DE BOIS ET D'AUTRES MATERIAUX ORGANIQUES QUI SE CARBONISENT**

[72] DEEV, ALEXANDRE VLADIMIROVICH, AU

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU

[85] 2013-12-05

[86] 2012-06-19 (PCT/AU2012/000704)

[87] (WO2012/174587)

[30] AU (2011902445) 2011-06-21

[21] **2,838,471**
[13] A1

[51] **Int.Cl. H04N 21/462 (2011.01) H04H 60/13 (2009.01) H04N 21/47 (2011.01)**

[25] EN

[54] **RECEIVING APPARATUS, RECEPTION METHOD, TRANSMITTING APPARATUS, TRANSMISSION METHOD, AND PROGRAM**

[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION ET PROGRAMME**

[72] KITAZATO, NAOHISA, JP

[72] DEWA, YOSHIHARU, JP

[71] SONY CORPORATION, JP

[85] 2013-12-05

[86] 2013-04-25 (PCT/JP2013/062166)

[87] (WO2013/168581)

[30] JP (2012-108135) 2012-05-10

[21] **2,838,474**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 17/00 (2006.01)**

[25] EN

[54] **SHK-BASED PHARMACEUTICAL COMPOSITIONS AND METHODS OF MANUFACTURING AND USING THE SAME**

[54] **COMPOSITIONS PHARMACEUTIQUES A BASE DE SHK ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**

[72] IADONATO, SHAWN P., US

[72] TARCHA, ERIC J., US

[71] KINETA ONE, LLC, US

[85] 2013-12-05

[86] 2012-06-05 (PCT/US2012/040857)

[87] (WO2012/170392)

[30] US (61/493,868) 2011-06-06

[30] US (61/625,578) 2012-04-17

[21] **2,838,475**
[13] A1

[51] **Int.Cl. C10B 1/02 (2006.01) C10B 3/00 (2006.01) C10B 49/02 (2006.01)**

[25] EN

[54] **PROCESS AND APPARATUS FOR CONTINUOUS PRODUCTION OF DENSIFIED CHARCOAL**

[54] **PROCEDE ET APPAREIL POUR LA PRODUCTION CONTINUE DE CHARBON DENSIFIE**

[72] DEEV, ALEXANDRE VLADIMIROVICH, AU

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU

[85] 2013-12-05

[86] 2012-06-21 (PCT/AU2012/000712)

[87] (WO2012/174594)

[30] AU (2011902460) 2011-06-23

[21] **2,838,476**
[13] A1

[51] **Int.Cl. C07K 1/36 (2006.01)**

[25] EN

[54] **SINGLE UNIT CHROMATOGRAPHY ANTIBODY PURIFICATION**

[54] **PURIFICATION D'ANTICORPS PAR CHROMATOGRAPHIE DANS UNE SEULE ET MEME UNITE**

[72] VEENSTRA, HENDERIK E., NL

[72] KREMER, DIDERIK R., NL

[72] PERLASCA ISLAS, MARIA, NL

[72] DOEVEN, MARK K., NL

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

[85] 2013-12-05

[86] 2012-06-08 (PCT/EP2012/060885)

[87] (WO2012/171853)

[30] EP (11170239.5) 2011-06-16

Demandes PCT entrant en phase nationale

[21] **2,838,478**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 16/24 (2006.01) C07K 16/44 (2006.01)**

[25] EN

[54] **SOLUBLE PROTEINS FOR USE AS THERAPEUTICS**

[54] **PROTEINES SOLUBLES DESTINEES A ETRE UTILISEES COMME AGENTS THERAPEUTIQUES**

[72] HUBER, THOMAS, CH
[72] KOLBINGER, FRANK, CH
[72] WELZENBACH, KARL, CH
[71] NOVARTIS AG, CH
[85] 2013-12-05
[86] 2012-06-15 (PCT/IB2012/053040)
[87] (WO2012/172521)
[30] US (61/497,668) 2011-06-16
[30] US (61/625,713) 2012-04-18

[21] **2,838,479**
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01) G06Q 20/08 (2012.01) G06Q 50/22 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REAL TIME ADJUDICATION AND PAYMENT OF HEALTH CARE CLAIMS**

[54] **SYSTEME ET PROCEDE DE JUGEMENT ET DE PAIEMENT EN TEMPS REEL DE DEMANDES DE REMBOURSEMENT DE FRAIS MEDICAUX**

[72] SOLLANO, MERLYN, CA
[71] SOLLANO, MERLYN, CA
[85] 2013-12-05
[86] 2012-06-08 (PCT/CA2012/000563)
[87] (WO2012/174643)
[30] US (61/500,158) 2011-06-23

[21] **2,838,480**
[13] A1

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

[25] EN

[54] **MARKERS FOR IMPAIRED BONE FRACTURE HEALING**

[54] **MARQUEURS DE CONSOLIDATION INSUFFISANTE DES FRACTURES OSSEUSES**

[72] GANGJI, VALERIE, BE
[72] HAUZEUR, JEAN-PHILIPPE, BE
[72] DE SENY, DOMINIQUE, BE
[72] MATHIEU, MYRIELLE, BE
[72] INGELS, AUDE, BE
[72] RIGUTTO, SABRINA, BE
[72] SPRUYT, DELPHINE, BE
[72] BASTIANELLI, ENRICO, BE
[72] ALBARANI, VALENTINA, BE
[72] PESESSE, XAVIER, BE
[72] MALAISE, MICHEL, BE
[71] BONE THERAPEUTICS SA, BE
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE LIEGE, BE
[71] UNIVERSITE DE LIEGE, BE
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
[85] 2013-12-05
[86] 2012-06-11 (PCT/EP2012/061034)
[87] (WO2012/168482)
[30] EP (11169591.2) 2011-06-10

[21] **2,838,481**
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/00 (2006.01) A61K 47/28 (2006.01)**

[25] EN

[54] **MATRIX COMPOSITIONS FOR CONTROLLED RELEASE OF PEPTIDE AND POLYPEPTIDE MOLECULES**

[54] **COMPOSITIONS MATRICIELLES POUR LA LIBERATION CONTROLEE DE MOLECULES PEPTIDIQUES ET POLYPEPTIDIQUES**

[72] EMANUEL, NOAM, IL
[71] POLYPID LTD., IL
[85] 2013-12-05
[86] 2012-07-26 (PCT/IL2012/050278)
[87] (WO2013/014677)
[30] US (61/512,025) 2011-07-27

[21] **2,838,483**
[13] A1

[51] **Int.Cl. B65D 51/28 (2006.01) B29C 45/14 (2006.01) B29C 49/00 (2006.01) B65D 25/08 (2006.01) B65D 51/20 (2006.01) B65D 81/32 (2006.01)**

[25] EN

[54] **APPARATUS FOR RECEIVING HETEROGENEOUS MATERIALS**

[54] **APPAREIL DE RECEPTION DE MATERIAUX HETEROGENES**

[72] LEE, SEONG-JAE, KR
[71] LEE, SEONG-JAE, KR
[71] LEE, SU-JAE, KR
[85] 2013-12-05
[86] 2012-04-18 (PCT/KR2012/002969)
[87] (WO2012/144802)
[30] KR (10-2011-0035917) 2011-04-18
[30] KR (10-2011-0095500) 2011-09-21
[30] KR (10-2011-0095496) 2011-09-21
[30] KR (10-2011-0095498) 2011-09-21
[30] KR (10-2011-0119032) 2011-11-15
[30] KR (10-2011-0121895) 2011-11-21
[30] KR (10-2011-0122568) 2011-11-22
[30] KR (10-2011-0124710) 2011-11-27
[30] KR (10-2011-0129329) 2011-12-05
[30] KR (10-2011-0130630) 2011-12-08
[30] KR (10-2011-0131379) 2011-12-08
[30] KR (10-2012-0007459) 2012-01-26
[30] KR (10-2012-0014054) 2012-02-13
[30] KR (10-2012-0014055) 2012-02-13
[30] KR (10-2012-0017712) 2012-02-21
[30] KR (10-2012-0022733) 2012-03-06
[30] KR (10-2012-0024767) 2012-03-11
[30] KR (10-2012-0036393) 2012-04-07
[30] KR (10-2012-0038183) 2012-04-12

[21] **2,838,484**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**

[25] EN

[54] **ANTI-CXCR4 ANTIBODY WITH EFFECTOR FUNCTIONS AND ITS USE FOR THE TREATMENT OF CANCER**

[54] **ANTICORPS ANTI-CXCR4 AYANT DES FONCTIONS EFFECTRICES ET SON UTILISATION POUR LE TRAITEMENT DU CANCER**

[72] KLINGUER-HAMOUR, CHRISTINE, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2013-12-05
[86] 2012-06-20 (PCT/EP2012/061893)
[87] (WO2012/175576)
[30] EP (11305773.1) 2011-06-20
[30] US (61/499,004) 2011-06-20

PCT Applications Entering the National Phase

[21] **2,838,485**
[13] A1

[51] **Int.Cl. C05F 11/08 (2006.01) C05F 11/00 (2006.01) C05F 11/02 (2006.01)**

[25] EN

[54] **METHOD FOR ENHANCING SOIL GROWTH USING BIO-CHAR**

[54] **PROCEDE POUR AMELIORER UNE CROISSANCE DE SOL A L'AIDE D'UN PRODUIT DE CARBONISATION BIOLOGIQUE**

[72] CHEIKY, MICHAEL, US

[72] JARAND, MARK L., US

[72] SILLS, RONALD A., US

[71] COOL PLANET ENERGY SYSTEMS, INC., US

[85] 2013-12-05

[86] 2012-05-29 (PCT/US2012/039862)

[87] (WO2012/170231)

[30] US (13/154,213) 2011-06-06

[21] **2,838,486**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) C12N 5/079 (2010.01)**

[25] EN

[54] **METHOD OF IDENTIFYING AGENTS THAT AFFECT MATURATION, SURVIVAL AND MYELINATION**

[54] **PROCEDE D'IDENTIFICATION D'AGENTS QUI AFFECTENT LA MATURATION, LA SURVIE ET LA MYELINATION**

[72] REVEL, MICHEL, IL

[72] CHEBATH, JUDITH, IL

[72] HASSON, ARYE, IL

[72] IZRAEL, MICHAL, IL

[72] KAUFMAN, ROSALIA, IL

[71] KADIMASTEM LTD., IL

[85] 2013-12-05

[86] 2012-08-05 (PCT/IL2012/050289)

[87] (WO2013/021381)

[30] US (61/515,926) 2011-08-07

[21] **2,838,487**
[13] A1

[51] **Int.Cl. G01F 23/284 (2006.01) H01Q 1/22 (2006.01)**

[25] EN

[54] **RADAR LEVEL MEASUREMENT**

[54] **MESURE DE NIVEAU PAR RADAR**

[72] RIEGMAN, KLEMENT, NL

[71] STAMICARBON B.V., NL

[85] 2013-12-05

[86] 2012-09-03 (PCT/NL2012/050603)

[87] (WO2013/036108)

[30] EP (11180241.9) 2011-09-06

[21] **2,838,488**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **PROTEOMICS BASED DIAGNOSTIC DETECTION METHOD FOR CHRONIC SINUSITIS**

[54] **PROCEDE DE DETECTION DE DIAGNOSTIC A BASE DE PROTEOMIQUE D'UNE SINUSITE CHRONIQUE**

[72] DAS, SUBINOY, US

[72] BAKALETZ, LAUREN O., US

[71] NATIONWIDE CHILDREN'S HOSPITAL, INC., US

[71] THE OHIO STATE UNIVERSITY, US

[85] 2013-12-05

[86] 2012-06-05 (PCT/US2012/040910)

[87] (WO2012/170422)

[30] US (61/493,829) 2011-06-06

[21] **2,838,489**
[13] A1

[51] **Int.Cl. C07D 319/06 (2006.01) C07C 68/06 (2006.01) C07D 317/36 (2006.01) C07D 319/08 (2006.01) B01J 29/00 (2006.01) C07C 69/96 (2006.01) C07D 317/38 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING CYCLIC CARBONATES**

[54] **PROCEDE POUR PRODUIRE DES CARBONATES CYCLIQUES**

[72] HATTI-KAUL, RAJNI, SE

[72] PYO, SANG-HYUN, SE

[71] HATTI-KAUL, RAJNI, SE

[71] PYO, SANG-HYUN, SE

[85] 2013-12-05

[86] 2012-05-14 (PCT/SE2012/050513)

[87] (WO2012/158107)

[30] US (61/486,237) 2011-05-14

[30] SE (1150981-7) 2011-10-21

[21] **2,838,490**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) A61K 38/19 (2006.01)**

[25] EN

[54] **TARGETS AND AGENTS FOR THE TREATMENT OF IMPAIRED BONE FRACTURE HEALING**

[54] **CIBLES ET AGENTS POUR LE TRAITEMENT DE LA CONSOLIDATION INSUFFISANTE DES FRACTURES OSSEUSES**

[72] GANGJI, VALERIE, BE

[72] HAUZEUR, JEAN-PHILIPPE, BE

[72] DE SENY, DOMINIQUE, BE

[72] MATHIEU, MYRIELLE, BE

[72] INGELS, AUDE, BE

[72] RIGUTTO, SABRINA, BE

[72] SPRUYT, DELPHINE, BE

[72] BASTIANELLI, ENRICO, BE

[72] ALBARANI, VALENTINA, BE

[72] PESESSE, XAVIER, BE

[72] MAILAISE, MICHEL, BE

[71] UNIVERSITE LIBRE DE BRUXELLES, BE

[71] BONE THERAPEUTICS SA, BE

[71] UNIVERSITE DE LIEGE, BE

[71] CENTRE HOSPITALIER UNIVERSITAIRE DE LIEGE, BE

[85] 2013-12-05

[86] 2012-06-11 (PCT/EP2012/061036)

[87] (WO2012/168484)

[30] EP (11169605.0) 2011-06-10

[21] **2,838,491**
[13] A1

[51] **Int.Cl. F04D 15/00 (2006.01) E03F 5/22 (2006.01) F04D 15/02 (2006.01) G05B 13/02 (2006.01)**

[25] EN

[54] **METHOD FOR AUTOMATIC MUTUAL ALTERNATION BETWEEN PUMPS**

[54] **PROCEDE DE COMMANDE D'UNE POMPE**

[72] LARSSON, MARTIN, SE

[72] FULLEMANN, ALEXANDER, SE

[71] XYLEM IP HOLDINGS LLC, US

[85] 2013-12-05

[86] 2012-05-31 (PCT/SE2012/050579)

[87] (WO2012/173551)

[30] SE (1150547-6) 2011-06-16

Demandes PCT entrant en phase nationale

[21] **2,838,492**
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **CULTURE MEDIA FOR STEM CELLS**
[54] **MILIEU DE CULTURE POUR DES CELLULES SOUCHES**
[72] CLEVERS, JOHANNES CAROLUS, NL
[72] SATO, TOSHIRO, NL
[72] HUCH ORTEGA, MERITXELL, NL
[72] KARTHAUS, WOUTER RICHARD, NL
[71] KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN (KNAW), NL
[85] 2013-12-05
[86] 2012-06-11 (PCT/IB2012/052950)
[87] (WO2012/168930)
[30] US (61/520,569) 2011-06-10
[30] GB (1111244.8) 2011-06-30
[30] US (61/571,663) 2011-06-30
[30] US (61/513,461) 2011-07-29
[30] US (13/194,866) 2011-07-29
[30] US (61/594,295) 2012-02-02

[21] **2,838,493**
[13] A1

[51] **Int.Cl. A01N 43/04 (2006.01) A61K 31/715 (2006.01)**
[25] EN
[54] **APPLICATIONS OF PARTIALLY AND FULLY SULFATED HYALURONAN**
[54] **APPLICATIONS DE HYALURONANE PARTIELLEMENT OU ENTIEREMENT SULFATE**
[72] PRESTWICH, GLENN D., US
[72] OOTAMASATHEIN, SIAM, US
[72] KENNEDY, THOMAS, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2013-12-05
[86] 2011-06-08 (PCT/US2011/039550)
[87] (WO2011/156445)
[30] US (61/352,550) 2010-06-08
[30] US (13/069,860) 2011-03-23

[21] **2,838,494**
[13] A1

[51] **Int.Cl. A47K 3/40 (2006.01)**
[25] EN
[54] **SHOWER TRAY AND METHOD FOR PRODUCING A SHOWER TRAY**
[54] **ECHANGEUR DE CHALEUR, BAC DE DOUCHE ET PROCEDE DE FABRICATION D'UN BAC DE DOUCHE**
[72] RUSCH, CHRISTOPH, CH
[72] AESCHLIMANN, MARCEL, CH
[72] RAST, CHRISTOPHER, CH
[72] SCHMID, RETO, CH
[72] SIGRIST, MARTIN, CH
[71] JOULIA AG, CH
[85] 2013-12-05
[86] 2012-06-07 (PCT/CH2012/000127)
[87] (WO2012/171129)
[30] CH (1034/11) 2011-06-17
[30] CH (59/12) 2012-01-11

[21] **2,838,495**
[13] A1

[51] **Int.Cl. C07D 317/64 (2006.01) A61K 31/36 (2006.01) A61P 25/24 (2006.01) C07D 317/60 (2006.01) C07D 317/62 (2006.01)**
[25] EN
[54] **SUBSTITUTED CINNAMAMIDE DERIVATIVE, PREPARATION METHOD AND USE THEREOF**
[54] **DERIVE DE CINNAMAMIDE SUBSTITUE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] MA, XIAOHUI, CN
[72] JIN, YUANPENG, CN
[72] HAN, MIN, CN
[72] ZHOU, SHUIPING, CN
[72] ZHOU, WANGYI, CN
[72] LUO, XUEJUN, CN
[72] WANG, GUOCHENG, CN
[72] YAN, LULU, CN
[72] ZHANG, LANLAN, CN
[72] ZHU, YONGHONG, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2013-12-05
[86] 2012-06-26 (PCT/CN2012/077549)
[87] (WO2013/000399)
[30] CN (201110174376.0) 2011-06-27
[30] CN (201210123842.7) 2012-04-25

[21] **2,838,496**
[13] A1

[51] **Int.Cl. C07K 5/08 (2006.01) A61K 38/04 (2006.01) C07K 5/10 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **COMPOUNDS AND PHARMACEUTICAL COMBINATIONS FOR THE TREATMENT OF NEURODEGENERATIVE AND ISCHEMIC BRAIN DISEASES**
[54] **COMPOSES ET COMBINAISONS PHARMACEUTIQUES POUR LE TRAITEMENT DE MALADIES CEREBRALES ISCHEMIQUES ET NEURODEGENERATIVES**
[72] PENTON ROL, GISELLE, CU
[72] LLOPIZ ARZUAGA, ALEXEY, CU
[72] MARIN PRIDA, JAVIER, CU
[72] PENTON ARIAS, EDUARDO, CU
[72] RODRIGUEZ JIMENEZ, EFRAIN, CU
[72] MUSACCHIO LASA, ALEXIS, CU
[72] BESADA PEREZ, VLADIMIR ARMANDO, CU
[72] PARDO ANDREU, GILBERTO LAZARO, CU
[72] GONZALEZ LOPEZ, LUIS JAVIER, CU
[72] PAVON FUENTES, NANCY, CU
[72] GUILLEN NIETO, GERARDO ENRIQUE, CU
[72] LOPEZ SAURA, PEDRO ANTONIO, CU
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
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[54] **ANTICORPS THERAPEUTIQUES**
[72] ZAHN, STEFAN, DK
[72] ZEUTHEN, LOUISE HJERRILD, DK
[72] HANSEN, ANKER JON, DK
[72] KJÆRGAARD, KRISTIAN, DK
[72] LUND, SOREN, DK
[71] NOVO NORDISK A/S, DK
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[30] EP (11168787.7) 2011-06-06
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[54] **LINGETTES EN COTON**
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[72] YUAN, JAMES, US
[71] XAMAX INDUSTRIES, INC., US
[85] 2013-12-05
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[25] EN
[54] **REDUCING REDIRECTS**
[54] **REDUCTION DE REDIRECTIONS**
[72] SZE, SHING FRANKY, US
[72] KLEBER, MICHAEL, US
[72] GAGNE, MATHIEU, US
[72] KOTOTHANASSIS, LEONIDAS, US
[71] GOOGLE INC., US
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EXTERNAL DATA SOURCES
[54] **ENRICHISSEMENT DE REPONSES**
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BASE DE DONNEES A L'AIDE DE
DONNEES PROVENANT DE
SOURCES DE DONNEES
EXTERNES
[72] BICE, ANTHONY NINO, US
[72] ROBINSON, DAVID, US
[72] SIVARAMAKRISHNAN,
HARIHARAN, US
[71] MICROSOFT CORPORATION, US
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B01J 23/10 (2006.01)
[25] FR
[54] **COMPOSITION CONSISTING OF**
A ZIRCONIA-CERIA MIXED
OXIDE WITH INCREASED
REDUCIBILITY, PRODUCTION
METHOD AND USE IN THE FIELD
OF CATALYSIS
[54] **COMPOSITION CONSISTANT EN**
UN OXYDE MIXTE DE
ZIRCONIUM ET DE CERIUM A
REDUCTIBILITE ELEVEE,
PROCEDE DE PREPARATION ET
UTILISATION DANS LE
DOMAINE DE LA CATALYSE
[72] IFRAH, SIMON, FR
[72] ITANI, LAMA, FR
[72] HERNANDEZ, JULIEN, FR
[72] HORBEZ, DOMINIQUE, FR
[71] RHODIA OPERATIONS, FR
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[71] MICROSOFT CORPORATION, US
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[54] **NOVEL OXYNTOMODULIN**
DERIVATIVES AND
PHARMACEUTICAL
COMPOSITION FOR TREATING
OBESITY COMPRISING THE
SAME
[54] **DERIVES INEDITS**
D'OXYNTOMODULINE ET
COMPOSITION
PHARMACEUTIQUE DESTINEE
AU TRAITEMENT DE L'OBESITE
EN CONTENANT
[72] JUNG, SUNG YOUB, KR
[72] JANG, MYUNG HYUN, KR
[72] SHEN, LING AI, KR
[72] PARK, YOUNG KYUNG, KR
[72] PARK, YOUNG JIN, KR
[72] KWON, SE CHANG, KR
[71] HANMI SCIENCE CO., LTD., KR
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[25] EN
[54] **A CONJUGATE COMPRISING**
OXYNTOMODULIN AND AN
IMMUNOGLOBULIN FRAGMENT,
AND USE THEREOF
[54] **CONJUGUE COMPRENANT DE**
L'OXYNTOMODULINE ET UN
FRAGMENT
D'IMMUNOGLOBULINE, ET SON
UTILISATION
[72] JUNG, SUNG YOUB, KR
[72] KIM, DAE JIN, KR
[72] PARK, SUNG HEE, KR
[72] WOO, YOUNG EUN, KR
[72] CHOI, IN YOUNG, KR
[72] KWON, SE CHANG, KR
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[54] **SYSTEM AND METHOD FOR MANAGEMENT OF A ROOF**
[54] **SYSTEME ET PROCEDE DE GESTION D'UN TOIT**
[72] KLINK, FRANK W., US
[72] EDWARDS, JOHN S., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-12-05
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[30] US (61/494,266) 2011-06-07

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[25] EN
[54] **URINARY INCONTINENCE DEVICE AND METHOD AND STIMULATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE POUR INCONTINENCE URINAIRE ET DISPOSITIF ET PROCEDE DE STIMULATION**
[72] PEDDICORD, HERSCHEL, US
[71] INCONTROL MEDICAL, LLC, US
[85] 2013-12-05
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[25] EN
[54] **MULTI-DOMAIN INFORMATION SHARING**
[54] **PARTAGE D'INFORMATIONS MULTI-DOMAIN**
[72] PAYNE, CHARLES N., JR., US
[72] SONNEK, JASON D., US
[72] HARP, STEVEN A., US
[72] O'BRIEN, RICHARD C., US
[72] GOHDE, JOHNATHAN A., US
[71] ADVENTIUM ENTERPRISES, US
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[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
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[54] **ENSEMBLE DE CATHETER**
[72] VOGELBAUM, MICHAEL A., US
[72] CHEN, JI-FENG, US
[72] GAO, SHENGQIANG, US
[72] COLLINSON, MICHAEL, US
[72] GUTHRIE, ROBERT B., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[71] PARKER-HANNIFIN CORPORATION, US
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[25] EN
[54] **METHOD AND APPARATUS FOR REPAIRING A TENDON OR LIGAMENT**
[54] **PROCEDE ET APPAREIL POUR REPARER UN TENDON OU UN LIGAMENT**
[72] GORDON, LEONARD, US
[72] BRIGANTI, RICHARD THOMAS, US
[72] ZIMMERMAN, DANIEL JACOB, US
[71] CORE ESSENCE ORTHOPAEDICS, INC., US
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[87] (WO2013/002981)
[30] US (61/493,702) 2011-06-06
[30] US (61/505,348) 2011-07-07
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[54] **APPARATUS AND METHOD FOR AUTOMATIC ADJUSTMENT OF A SUPPORT SURFACE WITH INTERWOVEN SUPPORT ELEMENTS**
[54] **APPAREIL ET PROCEDE D'AJUSTEMENT AUTOMATIQUE D'UNE SURFACE DE SOUTIEN AVEC ELEMENTS DE SOUTIEN ENTRELACES**
[72] CARLSON J. MARTIN, US
[72] FLOOD, BRYAN, US
[72] PAYETTE, MARK, US
[72] MANZELLA, MARK N., US
[72] KAPHINGST, WIELAND, US
[71] TAMARACK HABILITATION TECHNOLOGIES, INC., US
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[87] (WO2012/170543)
[30] US (61/494,190) 2011-06-07
[30] US (61/551,006) 2011-10-25
[30] US (61/570,929) 2011-12-15

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[25] EN
[54] **MACHINE AND METHOD FOR HIGH SPEED CUTTING AND PORTIONING OF EXTRUDED PRODUCTS**
[54] **MACHINE ET PROCEDE POUR LA COUPE ET LE DECOUPAGE EN PORTIONS A HAUTE VITESSE DE PRODUITS EXTRUDES**
[72] MILLER, ALAN G., US
[71] RISCO USA CORPORATION, US
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[54] **ROTOR HUB FOR USE WITH HIGH-INERTIA BLADES**
[54] **MOYEU DE ROTOR DESTINE A ETRE UTILISE AVEC DES PALES A INERTIE ELEVEE**
[72] STAMPS, FRANK B., US
[72] TISDALE, PATRICK R., US
[72] YUCE, MITHAT, US
[71] BELL HELICOPTER TEXTRON INC., US
[85] 2013-12-05
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[25] EN
[54] **FIRE SUPPRESSION APPARATUS AND METHOD FOR USING THE SAME IN AN ENCLOSED COMPARTMENT**
[54] **APPAREIL DE SUPPRESSION D'INCENDIE ET PROCEDE L'UTILISANT DANS UN COMPARTIMENT FERME**
[72] GROSS, MARC, V., US
[72] WEINMAN, LAWRENCE, T., US
[71] FIREAWAY INC., US
[85] 2013-12-05
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[30] US (61/493,856) 2011-06-06

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[54] **FLUID LEVEL SENSOR AND RELATED METHODS**
[54] **CAPTEUR DE NIVEAU DE FLUIDE ET PROCEDES ASSOCIES**
[72] VAN BROCKLIN, ANDREW L., US
[72] LIEBERT, PAUL A., US
[72] GHOZEIL, ADAM L., US
[72] LINN, SCOTT A., US
[71] HEWLETT PACKARD DEVELOPMENT COMPANY, L.P., US
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[25] EN
[54] **MOBILE TELEPHONE CLEANING CASE**
[54] **BOITIER NETTOYANT POUR TELEPHONE MOBILE**
[72] JOHNSON, GAVIN A., US
[71] JOHNSON, GAVIN A., US
[85] 2013-12-05
[86] 2012-06-06 (PCT/US2012/041172)
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[30] US (13/154,363) 2011-06-06

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[25] EN
[54] **LIGNOCELLULOSIC HYDROLYSATES AS FEEDSTOCKS FOR ISOBUTANOL FERMENTATION**
[54] **LIGNOCELLULOSIQUES COMME CHARGES D'ALIMENTATION POUR LA FERMENTATION DE L'ISOBUTANOL**
[72] DOBSON, IAN DAVID, GB
[72] KRUCKEBERG, ARTHUR LEO, US
[71] BUTAMAX ADVANCED BIOFUELS LLC, US
[85] 2013-12-05
[86] 2012-06-15 (PCT/US2012/000289)
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[30] US (61/498,209) 2011-06-17

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[25] EN
[54] **DIE SHOE ASSEMBLY WITH BEARING SURFACE MECHANISM, METHOD FOR RETAINING A DIE, AND DIE FOR USE THEREWITH**
[54] **ENSEMBLE SUPPORT DE MATRICE COMPRENANT UN MECANISME DE SURFACE PORTEUSE, PROCEDE DE RETENUE ET MATRICE DESTINEE A ETRE UTILISEE AVEC CELUI-CI**
[72] BROADBENT, JOSEPH DANIEL, US
[72] SCHULTE, BRADLEY P., US
[72] LEE, BRIAN J., US
[71] WILSON TOOL INTERNATIONAL INC., US
[85] 2013-12-05
[86] 2012-02-22 (PCT/US2012/026135)
[87] (WO2012/170085)
[30] US (13/155,876) 2011-06-08

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[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **SINGLE AND MULTI-CHAMBER WELLBORE PUMPS FOR FLUID LIFTING**
[54] **POMPES DE Puits DE FORAGE MONOCHAMBRE ET MULTICHAMBRE POUR ELEVATION PAR FLUIDE**
[72] HANSEN, HENNING, ES
[71] HANSEN ENERGY SOLUTIONS LLC, US
[85] 2013-12-05
[86] 2012-04-04 (PCT/US2012/032208)
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[54] **METHODS OF TREATMENT**
[54] **PROCEDES DE TRAITEMENT**
[72] BOUCHER, RICHARD, US
[72] JOHNSON, MICHAEL ROSS, US
[72] THELIN, WILLIAM R., US
[72] BUTTON, BRIAN, US
[72] NAVRATIL, TOMAS, US
[71] PARION SCIENCES, INC., US
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[30] US (61/494,198) 2011-06-07
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[13] A1

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[25] EN
[54] **DATA RECORD FOR ORGAN TRANSPORT AND/OR STORAGE, COMPRISING BIOMARKER AND EVENTS INFORMATION**
[54] **ENREGISTREMENT DE DONNEES POUR TRANSPORT ET/OU STOCKAGE D'ORGANE COMPRENANT UN BIOMARQUEUR ET INFORMATIONS D'EVENEMENTS**
[72] KRAVITZ, DAVID, US
[72] BROCKBANK, KELVIN G. M., US
[72] CAMPBELL, LIA H., US
[71] LIFELINE SCIENTIFIC, INC., US
[71] CELL & TISSUE SYSTEMS, INC., US
[85] 2013-12-05
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[13] A1

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[25] EN
[54] **TISSUE LIGATION DEVICES AND TENSIONING DEVICES THEREFOR**
[54] **DISPOSITIFS DE LIGATURE TISSULAIRE ET LEURS DISPOSITIFS DE MISE SOUS TENSION**
[72] FUNG, GREGORY W., US
[72] HELMUTH, RYAN DOUGLAS, US
[72] ESCANO, ARNOLD M., US
[72] SEIBER, RUSSELL A., US
[72] CLARK, ROBERT L., US
[71] SENTREHEART, INC., US
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[30] US (61/494,845) 2011-06-08

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[13] A1

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[25] EN
[54] **FIXED DETACHABLE DENTAL ATTACHMENT DEVICE, ASSEMBLY AND METHODS OF USING THE SAME**
[54] **DISPOSITIF DE FIXATION DENTAIRE AMOVIBLE FIXE, ASSEMBLAGE ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] MULLALY, SCOTT, US
[71] ZEST IP HOLDINGS LLC, US
[85] 2013-12-05
[86] 2012-06-07 (PCT/US2012/041300)
[87] (WO2012/170663)
[30] US (61/494,544) 2011-06-08

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[25] EN
[54] **COBALT- AND MOLYBDENUM-CONTAINING MIXED OXIDE CATALYST, AND PRODUCTION AND USE THEREOF AS WATER GAS SHIFT CATALYST**
[54] **CATALYSEUR OXYDE MIXTE CONTENANT DU COBALT ET DU MOLYBDENE, AINSI QUE SA PRODUCTION ET SON UTILISATION COMME CATALYSEUR DE CONVERSION DU GAZ A L'EAU**
[72] MEESE-MARKTSCHIEFFEL, JULIANE, DE
[72] OLBRICH, ARMIN, DE
[72] JAHN, MATTHIAS, DE
[72] VODEGEL, STEFAN, DE
[72] IMMISCH, CHRISTOPH, DE
[71] H.C. STARCK GMBH, DE
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[87] (WO2012/171933)
[30] DE (10 2011 105 760.2) 2011-06-15

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[25] EN
[54] **PRINTING DIFFRACTION GRATINGS ON PAPER AND BOARD**
[54] **IMPRESSION DE GRILLES DE DIFFRACTION SUR PAPIER ET CARTON**
[72] RICHERT, MICHELLE, FR
[72] BOLLE, THOMAS, DE
[72] FLEURY, ROLAND, CH
[71] BASF SE, DE
[85] 2013-11-26
[86] 2012-06-20 (PCT/IB2012/053100)
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[30] US (61/499,187) 2011-06-21
[30] EP (11170647.9) 2011-06-21

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[25] EN
[54] **SILVER-CONTAINING AQUEOUS INK FORMULATION FOR PRODUCING ELECTRICALLY CONDUCTIVE STRUCTURES, AND INK JET PRINTING METHOD FOR PRODUCING SUCH ELECTRICALLY CONDUCTIVE STRUCTURES**
[54] **FORMULATION D'ENCRE AQUEUSE CONTENANT DE L'ARGENT POUR LA PRODUCTION DE STRUCTURES ELECTRO-CONDUCTRICES ET PROCEDE D'IMPRESSION A JET D'ENCRE POUR LA PRODUCTION DE TELLES STRUCTURES ELECTRO-CONDUCTRICES**
[72] BALASUBRAMANIAM, VENKATARAMANAN, SG
[72] RUDHARDT, DANIEL, DE
[72] SICKING, FRANK, DE
[72] EIDEN, STEFANIE, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE
[85] 2013-12-05
[86] 2012-06-13 (PCT/EP2012/061157)
[87] (WO2012/171936)
[30] DE (10 2011 077 492.0) 2011-06-14

[21] **2,838,547**
[13] A1

[51] **Int.Cl. F15B 13/08 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY WITH INTEGRAL SENSORS**
[54] **ENSEMBLE SOUPAPE DOTE DE CAPTEURS INTEGRES**
[72] NALGIRKAR, PANKAJ ARVIND, IN
[72] NAVALE, RAHUL LAXMAN, US
[72] ALSTRIN, KEVIN ERIC, US
[71] EATON CORPORATION, US
[85] 2013-11-26
[86] 2012-05-25 (PCT/US2012/039645)
[87] (WO2012/162638)
[30] US (61/490,394) 2011-05-26

[21] **2,838,548**
[13] A1

[51] **Int.Cl. B65H 75/44 (2006.01) G02B 6/44 (2006.01) H02G 11/02 (2006.01)**
[25] EN
[54] **DEVICE FOR UNWINDING AND WINDING UP ONE OR MORE LINES**
[54] **DISPOSITIF POUR DEROULER ET ENROULER UNE OU PLUSIEURS LIGNES**
[72] WIDEGREN, MICHAEL, CH
[71] IPALCO B.V., NL
[85] 2013-12-05
[86] 2012-06-18 (PCT/EP2012/061604)
[87] (WO2012/172110)
[30] LU (91 826) 2011-06-17

[21] **2,838,549**
[13] A1

[51] **Int.Cl. B22D 17/20 (2006.01)**
[25] EN
[54] **PISTON FOR A DIE-CASTING MACHINE**
[54] **PISTON POUR MACHINE A COULER SOUS PRESSION**
[72] SCHIVALOCCHI, CARLO, IT
[72] SCHIVALOCCHI, CHIARA, IT
[72] SCHIVALOCCHI, NICOLA, IT
[71] COPROMECC DIE CASTING S.R.L. A SOCIO UNICO, IT
[85] 2013-12-03
[86] 2012-06-27 (PCT/IB2012/053256)
[87] (WO2013/001469)
[30] IT (BS2011A000095) 2011-06-28

[21] **2,838,550**
[13] A1

[51] **Int.Cl. A23J 1/06 (2006.01) A23J 3/32 (2006.01) A23J 3/34 (2006.01) A23K 1/04 (2006.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01) A23L 1/305 (2006.01)**
[25] EN
[54] **NUTRITIONAL SUPPLEMENT, METHOD FOR INCREASING THE BACTERIAL MASS IN THE RUMEN OF A RUMINANT AND NUTRITIONAL PREPARATION AND CORRESPONDING USES**
[54] **COMPLEMENT ALIMENTAIRE, PROCEDE PERMETTANT D'AUGMENTER LA MASSE BACTERIENNE DANS LA PANSE D'UN RUMINANT ET PREPARATION ALIMENTAIRE ET UTILISATIONS CORRESPONDANTES**
[72] POLO POZO, FRANCISCO JAVIER, ES
[72] RODRIGUEZ CANEL, CARMEN, ES
[72] BACH ARIZA, ALEJANDRO, ES
[72] ARIS GIRALT, ANNA, ES
[71] APC EUROPE S.A., ES
[85] 2013-12-05
[86] 2012-07-06 (PCT/ES2012/000188)
[87] (WO2013/004865)
[30] ES (P201131164) 2011-07-08

[21] **2,838,552**
[13] A1

[51] **Int.Cl. E21B 34/00 (2006.01)**
[25] EN
[54] **MULTI-ZONE SCREENED FRAC SYSTEM**
[54] **SYSTEME DE FRACTURATION CRIBLE A ZONES MULTIPLES**
[72] VAN PETEGEM, RONALD, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2013-12-05
[86] 2012-07-10 (PCT/US2012/046106)
[87] (WO2013/009773)
[30] US (61/506,897) 2011-07-12

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[21] **2,838,553**
[13] A1

[51] **Int.Cl. H02G 7/05 (2006.01)**
[25] EN
[54] **TRANSMISSION CROSS ARM
TRAVERSE DE POTEAU DE
TRANSMISSION**
[72] LOCKHART, GRANT ROBERT, CA
[72] TOTH, JANOS CSABA, CA
[72] ULM, RALPH WALTER, CA
[72] GILPIN-JACKSON, ADELANA, CA
[71] FRP TRANSMISSION
INNOVATIONS INC., CA
[71] BRITISH COLUMBIA HYDRO AND
POWER AUTHORITY, CA
[85] 2013-12-04
[86] 2010-08-31 (PCT/CA2010/001361)
[87] (WO2012/027818)

[21] **2,838,555**
[13] A1

[51] **Int.Cl. E05F 1/12 (2006.01) E05D
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[25] EN
[54] **HINGES PROVIDED WITH
ELASTIC MEANS AND
DAMPENER**
[54] **CHARNIERES POURVUES DE
MOYENS ELASTIQUES ET D'UN
AMORTISSEUR**
[72] BETTINZOLI, ANGELO, IT
[71] FARINGOSI HINGES S.R.L., IT
[85] 2013-12-04
[86] 2011-06-08 (PCT/IB2011/001270)
[87] (WO2012/168748)

[21] **2,838,556**
[13] A1

[51] **Int.Cl. A61F 2/34 (2006.01)**
[25] EN
[54] **ORTHOPEDIC INSTRUMENT,
SYSTEM AND METHOD FOR
IMPLANTING AN ACETABULAR
CUP**
[54] **INSTRUMENT ORTHOPEDIQUE,
SYSTEME ET PROCEDE POUR
IMPLANTER UN COTYLE
PROTHETIQUE**
[72] TERMANINI, ZAFER, US
[71] HIP INNOVATION TECHNOLOGY
LLC, US
[85] 2013-12-05
[86] 2012-07-19 (PCT/US2012/047324)
[87] (WO2013/022586)
[30] US (61/521,030) 2011-08-08

[21] **2,838,557**
[13] A1

[51] **Int.Cl. H01G 9/00 (2006.01) B82Y
40/00 (2011.01) B82Y 99/00 (2011.01)
B05D 5/12 (2006.01) B32B 37/00
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38/10 (2006.01) C23C 14/34 (2006.01)
C23C 14/35 (2006.01) C23C 14/48
(2006.01)**
[25] EN
[54] **ENERGY STORAGE MEDIA FOR
ULTRACAPACITORS**
[54] **MILIEUX DE STOCKAGE
D'ENERGIE POUR
ULTRACONDENSATEURS**
[72] BRAMBILLA, NICOLO MICHELE,
US
[72] RAMACHANDRA, KAVYA, US
[72] SIGNORELLI, RICCARDO, US
[71] FASTCAP SYSTEMS
CORPORATION, US
[85] 2013-12-05
[86] 2012-06-07 (PCT/US2012/041438)
[87] (WO2012/170749)
[30] US (61/494,164) 2011-06-07
[30] US (61/524,071) 2011-08-16
[30] US (61/525,326) 2011-08-19
[30] US (61/568,450) 2011-12-08
[30] US (61/569,010) 2011-12-09
[30] US (61/570,587) 2011-12-14
[30] US (61/602,121) 2012-02-23

[21] **2,838,558**
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) B82Y
30/00 (2011.01) B82Y 99/00 (2011.01)
H01M 2/02 (2006.01) H01M 6/00
(2006.01)**
[25] EN
[54] **POWER SYSTEM FOR HIGH
TEMPERATURE APPLICATIONS
WITH RECHARGEABLE ENERGY
STORAGE**
[54] **SYSTEME D'ALIMENTATION
COMPORTANT UN STOCKAGE
D'ENERGIE RECHARGEABLE
POUR DES APPLICATIONS A
HAUTE TEMPERATURE**
[72] SIGNORELLI, RICCARDO, US
[72] COOLEY, JOHN, US
[72] GREEN, MORRIS, US
[72] KUTTIPILLAI, PADMANABAN
SASTHAN, US
[72] DEANE, CHRISTOPHER J.S., US
[72] WILHELMUS, LINDSAY A., US
[71] FASTCAP SYSTEMS
CORPORATION, US
[85] 2013-12-05
[86] 2012-05-24 (PCT/US2012/039342)
[87] (WO2012/162500)
[30] US (61/489,389) 2011-05-24
[30] US (61/493,039) 2011-06-03
[30] US (61/494,332) 2011-06-07
[30] US (61/537,360) 2011-09-21
[30] US (61/620,364) 2012-04-04

[21] **2,838,560**
[13] A1

[51] **Int.Cl. C13K 13/00 (2006.01) C10L
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D21C 1/02 (2006.01)**
[25] EN
[54] **CONDITIONING OF BIOMASS
FOR IMPROVED C5/C6 SUGAR
RELEASE PRIOR TO
FERMENTATION**
[54] **CONDITIONNEMENT DE
BIOMASSE POUR LIBERATION
DE SUCRE EN C5/C6 AMELIOREE
AVANT FERMENTATION**
[72] DOTTORI, FRANK A., CA
[72] BENSON, ROBERT ASHLEY
COOPER, CA
[72] BENECH, REGIS-OLIVIER, CA
[71] GREENFIELD SPECIALTY
ALCOHOL INC., CA
[85] 2013-12-05
[86] 2012-07-12 (PCT/CA2012/050481)
[87] (WO2013/010271)
[30] US (61/508,407) 2011-07-15

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[51] **Int.Cl. F02C 3/22 (2006.01) B64D 37/30 (2006.01) F02C 7/224 (2006.01) F02C 9/40 (2006.01)**

[25] EN

[54] **AIRCRAFT ENGINE FUEL SYSTEM AND METHOD OF OPERATING THE SAME**

[54] **CIRCUIT D'ALIMENTATION EN COMBUSTIBLE DE MOTEUR D'AERONEF ET SON PROCEDE DE FONCTIONNEMENT**

[72] GONYOU, CRAIG ALAN, US

[72] WEISGERBER, ROBERT HAROLD, US

[72] EPSTEIN, MICHAEL JAY, US

[72] THOMPSON, CHRISTOPHER MICHAEL, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2013-12-05

[86] 2011-12-28 (PCT/US2011/067461)

[87] (WO2012/173651)

[30] US (61/498,264) 2011-06-17

[21] **2,838,562**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/00 (2006.01) C40B 30/06 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **BIOMARKER FOR ALZHEIMER'S DISEASE AND/OR MILD COGNITIVELY IMPAIRMENT, AND USE THEREOF**

[54] **BIOMARQUEUR POUR MALADIE D'ALZHEIMER ET/OU TROUBLE LEGER COGNITIF, ET SON UTILISATION**

[72] WANG, EUGENIA, US

[71] ADVANCED GENOMIC TECHNOLOGY LLC, US

[85] 2013-12-05

[86] 2012-08-08 (PCT/US2012/049971)

[87] (WO2013/022953)

[30] US (61/521,241) 2011-08-08

[30] US (61/586,291) 2012-01-13

[30] US (61/647,214) 2012-05-15

[21] **2,838,563**
[13] A1

[51] **Int.Cl. B65D 47/08 (2006.01)**

[25] EN

[54] **CLOSURE**

[54] **FERMETURE**

[72] LEPAGE, FRANCIS, FR

[71] OBRIST CLOSURES SWITZERLAND GMBH, CH

[85] 2013-12-05

[86] 2011-07-06 (PCT/IB2011/001912)

[87] (WO2012/004668)

[30] GB (1011663.0) 2010-07-09

[21] **2,838,564**
[13] A1

[51] **Int.Cl. E21B 43/267 (2006.01)**

[25] EN

[54] **HETEROGENEOUS PROPPANT PLACEMENT IN A FRACTURE WITH REMOVABLE EXTRAMETRICAL MATERIAL FILL**

[54] **PLACEMENT D'AGENT DE SOUTENEMENT HETEROGENE DANS UNE FRACTURE AVEC UNE CHARGE DE MATERIAU EXTRAMETRIQUE AMOVIBLE**

[72] LITVINETS, FEDOR NIKOLAEVICH, RU

[72] BOGDAN, ANDREY VLADIMIROVICH, RU

[72] MAKARYCHEV-MIKHAYLOV, SERGEY MIKHAILOVICH, RU

[72] MEDVEDEV, OLEG, UA

[72] PENA, ALEJANDRO, US

[72] LYAPUNOV, KONSTANTIN MIKHAILOVICH, RU

[72] MIKHAYLOV, ALEXANDER VUACHESLAVOVICH, US

[72] LESKO, TIMOTHY M., US

[72] BROWN, J. ERNEST, US

[72] WILLBERG, DEAN M., US

[72] KOSAREV, IVAN VITALIEVICH, RU

[72] MEDVEDEV, ANATOLY VLADIMIROVICH, RU

[72] ABBOTT, JONATHAN, GB

[72] BURUKHIM, ALEXANDER ALEXANDROVICH, RU

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2013-12-05

[86] 2012-06-13 (PCT/US2012/042180)

[87] (WO2012/174065)

[30] US (61/520,788) 2011-06-15

[30] US (13/494,503) 2012-06-12

[21] **2,838,565**
[13] A1

[51] **Int.Cl. E04B 1/19 (2006.01) A63H 33/12 (2006.01) E04B 1/32 (2006.01) E04B 1/343 (2006.01) E04B 1/35 (2006.01) E04B 7/10 (2006.01) E04H 15/36 (2006.01) E04H 15/48 (2006.01) F16S 3/04 (2006.01) F16S 3/08 (2006.01)**

[25] EN

[54] **A THREE DIMENSIONAL UPWARDLY CONVEX FRAME AND A METHOD OF CONSTRUCTING SAME**

[54] **CADRE CONVEXE VERS LE HAUT TRIDIMENSIONNEL ET SON PROCEDE DE CONSTRUCTION**

[72] BETTS, JOHN MARSDEN, AU

[71] BETCONFRAME INTERNATINAL PTY LTD, AU

[85] 2013-12-06

[86] 2012-06-05 (PCT/AU2012/000640)

[87] (WO2013/003882)

[30] AU (2011902659) 2011-07-04

[21] **2,838,567**
[13] A1

[51] **Int.Cl. C08L 63/00 (2006.01) C08F 2/20 (2006.01)**

[25] EN

[54] **WATER REDISPERSIBLE EPOXY POLYMER POWDER AND METHOD FOR MAKING THE SAME**

[54] **POUDRE DE POLYMER EPOXY REDISPERSIBLE DANS L'EAU ET PROCEDE DE FABRICATION ASSOCIE**

[72] CHEN, LIANG, US

[72] HONG, LIANG, US

[72] SEKHARAN, MANESH N., US

[72] RADLER, MICHAEL J., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2013-12-03

[86] 2012-06-13 (PCT/US2012/042114)

[87] (WO2012/177448)

[30] US (61/500,167) 2011-06-23

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[21] **2,838,568**
[13] A1

[51] **Int.Cl. B27K 5/00 (2006.01) F26B 5/04 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE THERMAL MODIFICATION PROCESS OF WOOD IN A VACUUM AUTOCLAVE**
[54] **PROCEDE DE MODIFICATION THERMIQUE DU BOIS A HAUTE TEMPERATURE DANS UN AUTOCLAVE SOUS VIDE**
[72] PAGNOZZI, ERNESTO, IT
[71] WDE MASPELL S.R.L., IT
[85] 2013-12-05
[86] 2012-06-15 (PCT/IT2012/000180)
[87] (WO2012/172585)
[30] IT (RM2011A000314) 2011-06-16

[21] **2,838,570**
[13] A1

[51] **Int.Cl. B29C 47/08 (2006.01) B29C 47/20 (2006.01) B29C 47/34 (2006.01) B29C 49/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CLEANING AN EXTRUSION HEAD**
[54] **PROCEDE ET DISPOSITIF POUR LE NETTOYAGE D'UNE TETE D'EXTRUSION**
[72] KEUSCH, STEFAN, DE
[72] SCHULLER, FRANK, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2013-12-06
[86] 2011-06-07 (PCT/EP2011/002781)
[87] (WO2012/167802)
[30] US (61/494,152) 2011-06-07

[21] **2,838,571**
[13] A1

[51] **Int.Cl. C10L 5/44 (2006.01) C10L 5/36 (2006.01) C10L 9/08 (2006.01)**
[25] EN
[54] **TORREFACTION AND PARTIAL PYROLYSIS OF MATERIAL FOR FUEL PELLET PRODUCTION**
[54] **TORREFACTION ET PYROLYSE PARTIELLE DE MATERIAU POUR LA PRODUCTION DE PASTILLES COMBUSTIBLES**
[72] DAM-JOHANSEN, KIM, DK
[72] JENSEN, PETER ARENDT, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2013-12-06
[86] 2012-06-11 (PCT/DK2012/000073)
[87] (WO2012/167796)
[30] US (61/495,471) 2011-06-10
[30] EP (11169556.5) 2011-06-10
[30] EP (11169562.3) 2011-06-10

[21] **2,838,573**
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 38/12 (2006.01) A61K 47/44 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCERS AND METASTASES WITH SUSPENSIONS OF CILENGITIDE IN CARRIER**
[54] **TRAITEMENT DE CANCERS ET DE METASTASES A L'AIDE DE SUSPENSIONS DE CILENGITIDE DANS UN VEHICULE**
[72] GOODMAN, SIMON, DE
[72] AMENDT, CHRISTIANE, DE
[72] EBER, MARCUS, DE
[71] MERCK PATENT GMBH, DE
[85] 2013-12-06
[86] 2012-05-16 (PCT/EP2012/002117)
[87] (WO2012/167870)
[30] US (61/494, 988) 2011-06-09

[21] **2,838,574**
[13] A1

[51] **Int.Cl. B61K 7/02 (2006.01) B60T 8/00 (2006.01) B60T 10/02 (2006.01)**
[25] EN
[54] **GAS ACTUATED RETARDER SYSTEM FOR RAILWAY CAR**
[54] **SYSTEME DE FREIN DE VOIE ACTIONNE PAR UN GAZ POUR WAGON**
[72] KICKBUSH, GREGORY F., US
[71] TRACKSIDE SERVICES, INC., US
[85] 2013-12-05
[86] 2012-09-13 (PCT/US2012/055017)
[87] (WO2013/040132)
[30] US (61/535,823) 2011-09-16
[30] US (13/613,044) 2012-09-13

[21] **2,838,577**
[13] A1

[51] **Int.Cl. A01M 7/00 (2006.01)**
[25] EN
[54] **FIELD CROP SPRAY APPARATUS FOR SPRAYING CROPS WITH LIQUIDS**
[54] **APPAREIL DE PULVERISATION DE CULTURES AGRICOLES SERVANT A PULVERISER DES LIQUIDES SUR DES CULTURES**
[72] HOEBEN, HENRICUS JOHANNES GODEFRIDUS MARIA, NL
[71] HOEBEN, HENRICUS JOHANNES GODEFRIDUS MARIA, NL
[85] 2013-12-06
[86] 2011-07-06 (PCT/NL2011/050491)
[87] (WO2012/005584)
[30] NL (2005035) 2010-07-06

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[21] **2,838,580**
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01) B29C 33/30 (2006.01) B29C 45/00 (2006.01) B29C 45/57 (2006.01)**

[25] EN

[54] **CAST MOULD AND METHOD FOR MANUFACTURING CONTACT OR INTRAOCULAR LENSES**

[54] **MOULE ET PROCEDURE DE MOULAGE POUR LA FABRICATION DE LENTILLES DE CONTACT OU INTRAOCULAIRES**

[72] VAN DIJK, EMERENTIUS MARIA JOSEPHUS ANTONIUS, NL

[72] SINKELDAM, JOERY JOHANNES, NL

[71] INNOVALENS B.V., NL

[85] 2013-12-06

[86] 2012-06-11 (PCT/NL2012/050404)

[87] (WO2012/169894)

[30] NL (2006921) 2011-06-09

[21] **2,838,581**
[13] A1

[51] **Int.Cl. G02B 5/22 (2006.01) B32B 27/18 (2006.01)**

[25] EN

[54] **OPTICAL FILTER, SOLID-STATE IMAGING ELEMENT, IMAGING DEVICE LENS AND IMAGING DEVICE**

[54] **FILTRE OPTIQUE, ELEMENT D'IMAGERIE A SEMI-CONDUCTEURS, LENTILLES DE DISPOSITIF D'IMAGERIE ET DISPOSITIF D'IMAGERIE**

[72] HASEGAWA, MAKOTO, JP

[72] KASHIWABARA, SATOSHI, JP

[72] SHIMODA, HIROSHI, JP

[72] SEKIKAWA, KENTA, JP

[72] SHIBUYA, TAKASHI, JP

[72] OSAWA, MITSUO, JP

[72] KAMIJYO, KATSUSHI, JP

[72] ARISHIMA, HIROYUKI, JP

[72] KUMAI, HIROSHI, JP

[71] ASAHI GLASS COMPANY, LIMITED, JP

[85] 2013-12-05

[86] 2012-06-01 (PCT/JP2012/064326)

[87] (WO2012/169447)

[30] JP (2011-126555) 2011-06-06

[21] **2,838,582**
[13] A1

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

[25] EN

[54] **RESOURCE SHARING METHOD AND DEVICE, AND STORAGE MEDIUM**

[54] **PROCEDE ET DISPOSITIF DE PARTAGE DE RESSOURCES, ET SUPPORT DE STOCKAGE**

[72] LIU, GANG, CN

[72] YIN, HANG, CN

[72] LI, XIAOKANG, CN

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN

[85] 2013-12-06

[86] 2012-12-07 (PCT/CN2012/086150)

[87] (WO2013/131387)

[30] CN (201210055783.4) 2012-03-05

[21] **2,838,584**
[13] A1

[51] **Int.Cl. A47L 11/30 (2006.01) A47L 11/293 (2006.01)**

[25] EN

[54] **DRIVING SYSTEM FOR CLEANING MACHINE**

[54] **SYSTEME D'ENTRAINEMENT POUR MACHINE DE NETTOYAGE**

[72] BRUNNSTROM, LUDVIG, SE

[72] ANDREASSON, PATRIK, ES

[71] QLEENO AB, SE

[85] 2013-12-06

[86] 2012-06-26 (PCT/SE2012/050714)

[87] (WO2013/002714)

[30] SE (1100499-1) 2011-06-28

[21] **2,838,586**
[13] A1

[51] **Int.Cl. C07D 233/60 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01) C07D 249/08 (2006.01) C07D 405/06 (2006.01)**

[25] EN

[54] **AZOLE DERIVATIVE, METHOD FOR PRODUCING SAME, INTERMEDIATE COMPOUND, AND AGRICULTURAL OR HORTICULTURAL CHEMICAL AGENT AND INDUSTRIAL MATERIAL PROTECTING AGENT**

[54] **DERIVE AZOLE, SON PROCEDURE DE FABRICATION, COMPOSE INTERMEDIAIRE ET AGENT CHIMIQUE AGRICOLE OU HORTICOLE ET AGENT DE PROTECTION DE MATIERE INDUSTRIELLE**

[72] ARAKI, NOBUYUKI, JP

[72] MIYAKE, TAJI, JP

[72] IMAI, EIYU, JP

[72] OBATA, EMIKO, JP

[71] KUREHA CORPORATION, JP

[85] 2013-12-05

[86] 2012-06-06 (PCT/JP2012/064534)

[87] (WO2012/169516)

[30] JP (2011-127759) 2011-06-07

[21] **2,838,588**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61K 31/713 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01) C07H 21/00 (2006.01)**

[25] EN

[54] **TREATMENT OF FRATAxin (FXN) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO FXN**

[54] **TRAITEMENT DES MALADIES ASSOCIEES A LA FRATAxINE (FXN) PAR INHIBITION DE LA TRANSCRIPTION DE L'ANTI-SENS NATUREL DE LA FXN**

[72] COLLARD, JOSEPH, US

[72] KHORKOVA SHERMAN, OLGA, US

[71] CURNA, INC., US

[85] 2013-12-05

[86] 2012-06-08 (PCT/US2012/041484)

[87] (WO2012/170771)

[30] US (61/494,928) 2011-06-09

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[21] **2,838,589**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/192 (2006.01)**
[25] EN
[54] **EDIBLE ORAL STRIP OR WAFER DOSAGE FORM CONTAINING ION EXCHANGE RESIN FOR TASTE MASKING**
[54] **FORME PHARMACEUTIQUE ORALE COMESTIBLE DE TYPE BANDE OU CACHET CONTENANT UNE RESINE ECHANGEUSE D'IONS POUR LE MASQUAGE DU GOUT**
[72] LI, MICHAEL HSIN CHWEN, US
[72] KRUMME, MARKUS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2013-12-06
[86] 2012-05-30 (PCT/EP2012/002291)
[87] (WO2012/167878)
[30] US (61/494,462) 2011-06-08

[21] **2,838,591**
[13] A1

[51] **Int.Cl. G01N 31/22 (2006.01) G01N 21/77 (2006.01) G01N 21/78 (2006.01)**
[25] EN
[54] **REAGENTLESS CERIA-BASED COLORIMETRIC SENSOR**
[54] **CAPTEUR COLORIMETRIQUE A BASE D'OXYDE DE CERIUM SANS REACTIF**
[72] ANDREESEU, EMANUELA SILVANA, US
[72] ORNATSKA, MARYNA, US
[72] ISPAS, CRISTINA R., US
[72] ANDREESCU, DANIEL, US
[71] CLARKSON UNIVERSITY, US
[85] 2013-12-05
[86] 2012-06-08 (PCT/US2012/041608)
[87] (WO2012/170851)
[30] US (13/156,755) 2011-06-09

[21] **2,838,592**
[13] A1

[51] **Int.Cl. H02K 9/19 (2006.01) B60K 6/40 (2007.10) B60K 6/442 (2007.10) B60K 6/547 (2007.10) B60K 17/06 (2006.01) B60L 11/14 (2006.01) B60L 15/20 (2006.01) B60W 10/30 (2006.01) B60W 20/00 (2006.01)**
[25] EN
[54] **VEHICLE DRIVING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT DE VEHICULE**
[72] HOSHINOYA, TAKESHI, JP
[72] OOISO, KEIICHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2013-12-05
[86] 2012-06-06 (PCT/JP2012/064583)
[87] (WO2012/169542)
[30] JP (2011-127533) 2011-06-07
[30] JP (2011-143213) 2011-06-28

[21] **2,838,594**
[13] A1

[51] **Int.Cl. B63B 35/32 (2006.01)**
[25] FR
[54] **SHIP INCLUDING A DEVICE FOR RECOVERING FLOATING OBJECTS**
[54] **NAVIRE COMPRENANT UN DISPOSITIF DE RECUPERATION D'OBJETS FLOTTANTS**
[72] GASTALDI, ROBERT, FR
[72] AUTREL, NICOLAS, FR
[71] ECOCEANE, FR
[85] 2013-12-06
[86] 2012-06-05 (PCT/EP2012/060607)
[87] (WO2012/168246)
[30] FR (11/55067) 2011-06-09

[21] **2,838,596**
[13] A1

[51] **Int.Cl. A47L 11/30 (2006.01) A47L 11/293 (2006.01)**
[25] EN
[54] **FLUID SYSTEM FOR CLEANING MACHINE**
[54] **SYSTEME DE FLUIDE POUR MACHINE DE NETTOYAGE**
[72] BRUNNSTROM, LUDVIG, SE
[72] ANDREASSON, PATRIK, ES
[71] QLEENO AB, SE
[85] 2013-12-06
[86] 2012-06-26 (PCT/SE2012/050715)
[87] (WO2013/002715)
[30] SE (1100500-6) 2011-06-28

[21] **2,838,597**
[13] A1

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 52/18 (2009.01)**
[25] EN
[54] **COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, AND COMMUNICATION CONTROL SYSTEM**
[54] **DISPOSITIF DE CONTROLE DE COMMUNICATION, PROCEDE DE CONTROLE DE COMMUNICATION ET SYSTEME DE CONTROLE DE COMMUNICATION**
[72] KIMURA, RYOTA, JP
[72] SAWAI, RYO, JP
[71] SONY CORPORATION, JP
[85] 2013-12-05
[86] 2012-06-18 (PCT/JP2012/065483)
[87] (WO2013/031337)
[30] JP (2011-184323) 2011-08-26

[21] **2,838,599**
[13] A1

[51] **Int.Cl. B60L 5/00 (2006.01) B60M 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSFERRING ELECTRIC ENERGY TO A VEHICLE USING SEGMENTS OF A CONDUCTOR ARRANGEMENT WHICH CAN BE OPERATED INDEPENDENTLY**
[54] **SYSTEME ET PROCEDE POUR TRANSFERER DE L'ENERGIE ELECTRIQUE A UN VEHICULE EN UTILISANT DES SEGMENTS D'UN RESEAU DE CONDUCTEURS QUI PEUT ETRE COMMANDE INDEPENDAMMENT**
[72] WORONOWICZ, KONRAD, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2013-12-06
[86] 2012-06-11 (PCT/EP2012/061028)
[87] (WO2012/168478)
[30] GB (1109825.8) 2011-06-10

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[21] **2,838,600**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE GUARD WITH AN ACTIVE STATE AND A PASSIVE STATE**
[54] **PROTECTION D'AIGUILLE AYANT UN ETAT ACTIF ET UN ETAT PASSIF**
[72] DOMONKOS, ROBERT, SE
[71] VIGMED AB, SE
[85] 2013-12-06
[86] 2012-07-04 (PCT/SE2012/050771)
[87] (WO2013/006134)
[30] SE (1150633-4) 2011-07-05
[30] US (61/504,560) 2011-07-05
[30] SE (1151224-1) 2011-12-20

[21] **2,838,602**
[13] A1

[51] **Int.Cl. B01D 61/38 (2006.01) B01D 53/22 (2006.01) B01D 65/00 (2006.01)**
[25] EN
[54] **REPLENISHING LIQUID MATERIAL TO MEMBRANE**
[54] **APPOINT D'UN MATERIAU LIQUIDE JUSQU'AU NIVEAU D'UNE MEMBRANE**
[72] FENG, XIAN SHE, CA
[72] TOWE, IAN GLENN, CA
[72] HAMZA, ALI, CA
[72] PEREZ, JUAN CARLOS, CA
[71] IMTEX MEMBRANES CORP., CA
[85] 2013-12-06
[86] 2012-06-07 (PCT/CA2012/000554)
[87] (WO2012/167362)
[30] US (61/494,204) 2011-06-07

[21] **2,838,604**
[13] A1

[51] **Int.Cl. A61K 31/79 (2006.01) A01N 61/00 (2006.01) A01P 1/00 (2006.01) A61K 9/00 (2006.01) A61K 31/718 (2006.01) A61K 31/721 (2006.01) A61K 31/745 (2006.01) A61K 31/785 (2006.01) A61L 2/16 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01) A61P 33/00 (2006.01) A61P 35/00 (2006.01) C02F 1/28 (2006.01) C02F 1/62 (2006.01) C02F 5/08 (2006.01) C09K 15/30 (2006.01)**
[25] EN
[54] **METAL CHELATING COMPOSITIONS AND METHODS FOR CONTROLLING THE GROWTH OR ACTIVITIES OF A LIVING CELL OR ORGANISM**
[54] **COMPOSITIONS CHELATANT LES METAUX ET PROCEDES POUR LUTTER CONTRE LA CROISSANCE OU DES ACTIVITES D'UNE CELLULE VIVANTE OU D'UN ORGANISME VIVANT**
[72] HOLBEIN, BRUCE EDWARD, CA
[72] FENG, MINHUA, US
[72] HUBER, ANN LOUISE, CA
[72] KIDBY, DENIS KEITH (DECEASED), CA
[71] CHELATION PARTNERS INCORPORATED, CA
[85] 2013-12-06
[86] 2012-06-08 (PCT/CA2012/000562)
[87] (WO2012/167368)
[30] US (61/494,664) 2011-06-08

[21] **2,838,605**
[13] A1

[51] **Int.Cl. G06F 1/18 (2006.01)**
[25] EN
[54] **ELECTRONIC APPARATUS, CATEGORY DETERMINATION METHOD FOR TRANSMISSION CABLE AND TRANSMISSION CABLE**
[54] **DISPOSITIF ELECTRONIQUE, PROCEDE DE RECONNAISSANCE DE CATEGORIES DE CABLES DE TRANSMISSION, ET CABLE DE TRANSMISSION**
[72] TOBA, KAZUAKI, JP
[71] SONY CORPORATION, JP
[85] 2013-12-05
[86] 2012-06-20 (PCT/JP2012/065791)
[87] (WO2013/005572)
[30] US (61/504,010) 2011-07-01

[21] **2,838,606**
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) B65D 65/42 (2006.01) C08K 5/07 (2006.01) C08K 5/092 (2006.01) C09D 129/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COATED PACKAGING MATERIAL, AND PACKAGING MATERIAL HAVING AT LEAST ONE BARRIER LAYER FOR HYDROPHOBIC COMPOUNDS**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU D'EMBALLAGE MUNI D'UN REVETEMENT ET MATERIAU D'EMBALLAGE COMPORTANT AU MOINS UNE COUCHE BARRIERE POUR DES COMPOSES HYDROPHOBES**
[72] ZISCHKA, MICHAEL, AT
[72] SPANRING, JULIA, AT
[72] REISCHL, MARTIN, AT
[71] MAYR-MELNHOF KARTON AG, AT
[85] 2013-12-06
[86] 2012-06-08 (PCT/EP2012/060902)
[87] (WO2012/168433)
[30] EP (11169454.3) 2011-06-10

[21] **2,838,608**
[13] A1

[51] **Int.Cl. G01S 15/88 (2006.01) B23K 37/00 (2006.01) F16L 13/02 (2006.01) F16L 55/26 (2006.01) F17D 5/00 (2006.01)**
[25] EN
[54] **ROBOTIC APPARATUS FOR AUTOMATED INTERNAL PIPELINE GIRTH WELD ULTRASONIC INSPECTION**
[54] **APPAREIL ROBOTIQUE DE CONTROLE INTERIEUR ULTRASONIQUE AUTOMATISE DE SOUDURES CIRCONFERENCELLES DE PIPELINES**
[72] PRENTICE, GARTH RODNEY, US
[72] DRAKE, STEPHEN GEOFFREY, GB
[71] SHAWCOR LTD., CA
[85] 2013-12-06
[86] 2012-06-07 (PCT/CA2012/050383)
[87] (WO2012/167380)
[30] US (61/494,602) 2011-06-08

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[21] **2,838,609**
[13] A1

[51] **Int.Cl. A61N 1/362 (2006.01) A61N 1/37 (2006.01)**

[25] EN

[54] **APPARATUS FOR AND METHOD OF TERMINATING A HIGH FREQUENCY ARRHYTHMIC ELECTRIC STATE OF A BIOLOGICAL TISSUE**

[54] **APPAREIL ET PROCEDE DESTINES A METTRE UN TERME A UN ETAT D'ARYTHMIE ELECTRIQUE HAUTE FREQUENCE D'UN TISSU BIOLOGIQUE**

[72] LUTHER, STEFAN, DE
[72] BODENSCHATZ, EBERHARD, DE
[72] KRINSKI, VALENTIN, FR
[72] GILMOUR, ROBERT, US
[72] FENTON, FLAVIO, US
[71] CORNELL UNIVERSITY, US
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE

[85] 2013-12-06
[86] 2012-06-14 (PCT/EP2012/061377)
[87] (WO2012/172027)
[30] US (61/497,169) 2011-06-15

[21] **2,838,610**
[13] A1

[51] **Int.Cl. H04N 13/02 (2006.01) G03B 35/10 (2006.01)**

[25] EN

[54] **IMAGE PROCESSING DEVICE, AND IMAGE PROCESSING METHOD, AND PROGRAM**

[54] **DISPOSITIF DE TRAITEMENT D'IMAGE, ET PROCEDE ET PROGRAMME DE TRAITEMENT D'IMAGE**

[72] KOBAYASHI, SEIJI, JP
[72] ITO, ATSUSHI, JP
[71] SONY CORPORATION, JP

[85] 2013-12-05
[86] 2012-06-21 (PCT/JP2012/065826)
[87] (WO2013/018451)
[30] JP (2011-171038) 2011-08-04

[21] **2,838,613**
[13] A1

[51] **Int.Cl. H01Q 1/24 (2006.01) H01Q 13/08 (2006.01)**

[25] EN

[54] **ANTENNA MODULE HAVING INTEGRATED RADIO FREQUENCY CIRCUITRY**

[54] **MODULE D'ANTENNE AVEC CIRCUITERIE INTEGREE A RADIOFREQUENCES**

[72] FISCHER, LARRY G., US
[71] ADC TELECOMMUNICATIONS, INC., US

[85] 2013-12-05
[86] 2012-06-08 (PCT/US2012/041630)
[87] (WO2012/170865)
[30] US (61/495,235) 2011-06-09

[21] **2,838,614**
[13] A1

[51] **Int.Cl. C12N 15/86 (2006.01)**

[25] EN

[54] **TWO PLASMID MAMMALIAN EXPRESSION SYSTEM**

[54] **SYSTEME D'EXPRESSION SIMPLE DE MAMMIFERE A DEUX PLASMIDES DESTINE A LA PRODUCTION DE PROTEINES ET DE VIRUS RECOMBINES**

[72] JOSHI, VISHWAS, IN
[71] JOSHI, VISHWAS, IN

[85] 2013-12-06
[86] 2012-06-08 (PCT/IN2012/000405)
[87] (WO2013/046216)
[30] IN (1678/MUM/2011) 2011-06-08

[21] **2,838,615**
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) H04W 80/12 (2009.01)**

[25] EN

[54] **SPAM MANAGEMENT AND REPORTING IN A MOBILE DEVICE**

[54] **GESTION ET RAPPORT DE SPAM DANS UN DISPOSITIF MOBILE**

[72] ORDOGH, ZOLTAN, CA
[71] BLACKBERRY LIMITED, CA

[85] 2013-12-06
[86] 2012-06-13 (PCT/CA2012/050398)
[87] (WO2012/171124)
[30] US (13/163,342) 2011-06-17

[21] **2,838,616**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 74/08 (2009.01)**

[25] EN

[54] **COMMUNICATION APPARATUS, COMMUNICATION METHOD, COMMUNICATION SYSTEM, AND BASE STATION**

[54] **DISPOSITIF DE COMMUNICATION, PROCEDE DE COMMUNICATION, SYSTEME DE COMMUNICATION ET STATION DE BASE**

[72] YOSHIZAWA, ATSUSHI, JP
[71] SONY CORPORATION, JP

[85] 2013-12-05
[86] 2012-06-22 (PCT/JP2012/065979)
[87] (WO2013/031351)
[30] JP (2011-191573) 2011-09-02

[21] **2,838,617**
[13] A1

[51] **Int.Cl. C07C 29/76 (2006.01) C07C 29/80 (2006.01) C07C 31/20 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR THE REMOVAL OF POLYVALENT CATIONS FROM MONO ETHYLENE GLYCOL**

[54] **PROCEDE ET APPAREIL POUR ELIMINER LES CATIONS POLYVALENTS DU MONOETHYLENE DE GLYCOL**

[72] KAASA, BAARD, NO
[71] STATOIL PETROLEUM AS, NO

[85] 2013-12-06
[86] 2011-06-14 (PCT/EP2011/059850)
[87] (WO2012/171554)

[21] **2,838,618**
[13] A1

[51] **Int.Cl. B60P 7/02 (2006.01) B60P 7/00 (2006.01) B62D 33/02 (2006.01)**

[25] EN

[54] **SPRING RETAINER FOR TONNEAU COVER**

[54] **ELEMENT DE RETENUE DE RESSORT POUR COUVERCLE DE TONNEAU**

[72] SPENCER, MICHAEL R., US
[72] NELSON, TIM, US
[71] TRUXEDO, INC., US

[85] 2013-12-05
[86] 2012-10-26 (PCT/US2012/062192)
[87] (WO2013/063448)
[30] US (61/552,006) 2011-10-27
[30] US (13/660,104) 2012-10-25

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[21] **2,838,619**
[13] A1

[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/97 (2006.01) A61Q 5/02 (2006.01) A61Q 5/12 (2006.01)**

[25] EN

[54] **HIGH UNSAPONIFIABLES AND METHODS OF USING THE SAME**

[54] **INSAPONIFIABLES EN TAUX ELEVE ET LEURS METHODES D'UTILISATION**

[72] BROWN, JAMES H., US
[72] COPELAND, LEE ROY, US
[72] KLEIMAN, ROBERT, US
[72] CUMMINGS, MELANIE K., US
[72] KORITALA, SAMBASIVARAO, US
[71] INTERNATIONAL FLORA TECHNOLOGIES, LTD., US
[85] 2013-10-29
[86] 2012-04-13 (PCT/US2012/033478)
[87] (WO2012/148706)
[30] US (13/097,751) 2011-04-29

[21] **2,838,621**
[13] A1

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

[25] EN

[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME**

[54] **PLANTES AYANT DES CARACTERES LIES AU RENDEMENT AMELIORES ET PROCEDE DE FABRICATION DE CES PLANTES**

[72] REUZEAU, CHRISTOPHE, FR
[72] YU, SU-MAY, CN
[72] KO, SWEE-SUAK, CN
[72] HSING, YUE-LE, CN
[72] HO, TUAN-HUA DAVID, US
[72] LO, SHUEN-FANG, CN
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2013-12-06
[86] 2012-06-19 (PCT/IB2012/053077)
[87] (WO2012/176115)
[30] US (61/500176) 2011-06-23
[30] EP (11174374.6) 2011-07-18

[21] **2,838,622**
[13] A1

[51] **Int.Cl. B31F 5/02 (2006.01) B65B 7/24 (2006.01) B65D 5/42 (2006.01)**

[25] EN

[54] **LOCAL CONNECTION OF SHEETS ONTO ONE ANOTHER, METHOD AND APPARATUS FOR THE IMPLEMENTATION THEREOF**

[54] **LIAISON LOCALE DE FEUILLES L'UNE SUR L'AUTRE, ET METHODE ET APPAREIL DESTINES A REALISER LADITE LIAISON**

[72] VANDENBERGHE, JEF, BE
[72] SYOEN, DIEDERIK, BE
[72] DEWULF, SIMON, BE
[71] CREAM PROJECTS N.V., BE
[85] 2013-12-06
[86] 2012-06-08 (PCT/EP2012/060843)
[87] (WO2012/168394)
[30] BE (BE2011/0353) 2011-06-09

[21] **2,838,623**
[13] A1

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

[25] EN

[54] **DEVICE FOR GENERATING A GAS JET IN PROCESSES FOR COATING METAL STRIPS**

[54] **DISPOSITIF PERMETTANT DE PRODUIRE UN JET GAZEUX DANS DES PROCEDES PERMETTANT DE RECOUVRIR DES BANDES METALLIQUES**

[72] VECCHIET, FABIO, IT
[72] CONA, ALESSANDRO, IT
[72] CAPORAL, GIANLUCA, IT
[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT
[85] 2013-12-06
[86] 2012-06-21 (PCT/IB2012/053134)
[87] (WO2012/176144)
[30] IT (MI2011A001131) 2011-06-21

[21] **2,838,625**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01) G06F 17/21 (2006.01)**

[25] EN

[54] **PRESENTATION SOFTWARE AUTOMATION SERVICES**

[54] **SERVICES D'AUTOMATISATION DE LOGICIEL DE PRESENTATION**

[72] INGOLE, HARSHAL, US
[72] LOEW, REBECCA, US
[72] YANG, CHRISTIAN, US
[72] KIKOEN, CAMERON, US
[71] MICROSOFT CORPORATION, US
[85] 2013-12-05
[86] 2012-06-10 (PCT/US2012/041789)
[87] (WO2012/173897)
[30] US (13/160,975) 2011-06-15

[21] **2,838,626**
[13] A1

[51] **Int.Cl. B41J 11/00 (2006.01) B41J 13/00 (2006.01) B41J 13/12 (2006.01)**

[25] EN

[54] **METHOD FOR DOT PRINTING ON CARDS**

[54] **PROCEDE POUR IMPRESSION DE POINTS SUR DES CARTES**

[72] CAPPELLO, PAOLO, IT
[72] MONDINO, MAURO, IT
[71] SICPA HOLDING SA, CH
[85] 2013-12-06
[86] 2012-05-23 (PCT/IB2012/052582)
[87] (WO2012/168814)
[30] IT (MI2011A001022) 2011-06-07

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[21] **2,838,627**
[13] A1

[51] **Int.Cl. B60L 5/00 (2006.01) B60M 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSFERRING ELECTRIC ENERGY TO A VEHICLE USING A PLURALITY OF SEGMENTS OF A CONDUCTOR ARRANGEMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRANSFERER DE L'ENERGIE A UN VEHICULE EN UTILISANT UNE PLURALITE DE SEGMENTS D'UN AGENCEMENT CONDUCTEUR**
[72] VOLLENWYDER, KURT, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2013-12-06
[86] 2012-06-11 (PCT/EP2012/061024)
[87] (WO2012/168475)
[30] GB (1109826.6) 2011-06-10

[21] **2,838,629**
[13] A1

[51] **Int.Cl. B41J 2/18 (2006.01) B41J 2/175 (2006.01)**
[25] EN
[54] **INK- JET PRINTING DEVICE**
[54] **DISPOSITIF D'IMPRESSION PAR JET D'ENCRE**
[72] ALBERTIN, ALBERTO, IT
[72] BELFORTE, GUIDO, IT
[72] BENEDETTO, FRANCESCO, IT
[72] DELACRETAZ, CHARLES-HENRI, CH
[72] FERRAROTTI, RINALDO, IT
[72] MARTINELLI, MATTEO, IT
[72] RAPARELLI, TERENZIANO, IT
[72] SANDRI, TAZIO, IT
[72] SASSANO, DUCCIO SPARTACO, IT
[72] VIKTOROV, VLADIMIR, IT
[72] VISCONTE, CARMEN, IT
[71] SICPA HOLDING SA, CH
[85] 2013-12-06
[86] 2012-06-08 (PCT/IB2012/052903)
[87] (WO2012/168913)
[30] IT (MI2011A 001034) 2011-06-08

[21] **2,838,630**
[13] A1

[51] **Int.Cl. C09K 11/06 (2006.01) C08G 63/187 (2006.01) G01T 1/20 (2006.01) G01T 1/203 (2006.01) G21K 4/00 (2006.01)**
[25] EN
[54] **RESIN FOR SCINTILLATORS**
[54] **RESINE POUR UN SCINTILLATEUR**
[72] SHIMIZU HISAYOSHI, JP
[72] MURAKAWA FUMIO, JP
[72] SHIDARA ZENICHIRO, JP
[72] NAKAMURA HIDEHITO, JP
[72] SHIRAKAWA YOSHIYUKI, JP
[71] TEIJIN LIMITED, JP
[71] NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES, JP
[85] 2013-12-06
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[87] (WO2013/001847)
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[30] JP (2011-284736) 2011-12-27

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[51] **Int.Cl. B60L 5/00 (2006.01) B60M 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSFERRING ELECTRIC ENERGY TO A VEHICLE USING CONSTANT CURRENT OPERATION OF SEGMENTS OF A CONDUCTOR ARRANGEMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRANSFERER DE L'ENERGIE ELECTRIQUE A UN VEHICULE AU MOYEN D'UN FONCTIONNEMENT A COURANT CONSTANT DES SEGMENTS D'UN AGENCEMENT CONDUCTEUR**
[72] VOLLENWYDER, KURT, CA
[72] WORONOWICZ, KONRAD, CA
[72] CZAINSKI, ROBERT, DE
[72] MEINS, JURGEN, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[51] **Int.Cl. C12N 15/09 (2006.01) C12N 5/078 (2010.01) A61K 31/7088 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SEMA5B PEPTIDES AND VACCINES INCLUDING THE SAME**
[54] **PEPTIDES DE SEMA5B ET VACCINS LE COMPRENANT**
[72] TSUNODA, TAKUYA, JP
[72] OSAWA, RYUJI, JP
[72] YOSHIMURA, SACHIKO, JP
[72] WATANABE, TOMOHISA, JP
[72] NAKAYAMA, GAKU, JP
[72] NAKAMURA, YUSUKE, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2013-12-06
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[30] US (61/495,819) 2011-06-10

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[25] EN
[54] **CRASH ABSORBER ARRANGEMENT FOR A RAIL VEHICLE, IN PARTICULAR FOR A TRAMWAY VEHICLE**
[54] **ENSEMBLE ABSORBEUR D'ENERGIE DE CHOC DESTINE A UN VEHICULE SUR RAILS, EN PARTICULIER A UN TRAMWAY**
[72] FISCHER, MICHAEL, AT
[72] LANGER, MARTIN, AT
[72] ORTHNER, CHRISTOPH, AT
[72] MONARTH, ANDREAS, AT
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2013-12-06
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[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES RELATING TO SURGICAL END EFFECTORS**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS RELATIFS A DES EFFECTEURS TERMINAUX CHIRURGICAUX**
[72] FARRITOR, SHANE, US
[72] FREDERICK, TOM, US
[72] BARTELS, JOE, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
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[25] EN
[54] **IN-LINE REPAIRABLE METAL SEATED FLOATING BALL VALVE**
[54] **VANNE A BOULE FLOTTANTE A SIEGES METALLIQUES REPARABLE EN LIGNE**
[72] NGUYEN, VINH VAN, US
[72] ALLEN, STANLEY C., US
[71] BRAY INTERNATIONAL, INC., US
[85] 2013-12-06
[86] 2012-06-08 (PCT/IB2012/052926)
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[30] US (61/494,466) 2011-06-08

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[25] EN
[54] **HETEROCYCLIC AMIDE DERIVATIVES AS P2X7 RECEPTOR ANTAGONISTS**
[54] **DERIVES D'AMIDES HETEROCYCLIQUES UTILISES COMME ANTAGONISTES DU RECEPTEUR P2X7**
[72] HILPERT, KURT, CH
[72] HUBLER, FRANCIS, CH
[72] KIMMERLIN, THIERRY, CH
[72] MURPHY, MARK, CH
[72] RENNEBERG, DORTE, CH
[72] STAMM, SIMON, CH
[71] ACTELION PHARMACEUTICALS LTD., CH
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[13] A1

[51] **Int.Cl. C12Q 1/02 (2006.01)**
[25] EN
[54] **PHOTOTOXICITY TEST METHOD**
[54] **PROCEDE D'ESSAI DE PHOTOTOXICITE**
[72] ANDO, SATOSHI, JP
[72] SAITO, KOICHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-12-06
[86] 2012-06-06 (PCT/JP2012/065064)
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[30] JP (2011-129912) 2011-06-10

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **1-ARYL-4-METHYL-[1,2,4]TRIAZOLO[4,3-A]QUINOXALINE DERIVATIVES**
[54] **DERIVES DE 1-ARYL-4-METHYL-[1,2,4]TRIAZOLO[4,3-A]QUINOXALINE**
[72] ANDRES-GIL, JOSE IGNACIO, ES
[72] ROMBOUTS, FREDERIK JAN RITA, BE
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] VANHOOF, GRETA CONSTANTIA PETER, BE
[72] DE ANGELIS, MERI, DE
[72] BUIJNSTERS, PETER JACOBUS JOHANNES ANTONIUS, BE
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
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[72] CELEN, SOFIE JEANNE LEOPOLDINE, BE
[72] VLIEGEN, MAARTEN, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[25] EN	[25] EN	[25] EN
[54] CONVENIENTLY INJECTABLE OR IMPLANTABLE SUSTAINED-RELEASE ANTIOXIDANT FORMULATIONS FOR THERAPIES OF OCULAR MALADIES OR CANCER	[54] MANEUVER CARTRIDGE DEVICE AND SELF-LOADING FIREARM SUITABLE FOR THIS PURPOSE	[54] METHOD FOR PRODUCING BICYCLIC COMPOUND VIA CLAISEN REARRANGEMENT
[54] FORMULATIONS D'ANTI-OXYDANT A LIBERATION PROLONGEE, INJECTABLES OU IMPLANTABLES DE MANIERE COMMUNE, POUR DES THERAPIES DE MALADIES OCULAIRES OU DE CANCER	[54] DISPOSITIF DE CARTOUCHE A BLANC ET ARME A FEU AUTOMATIQUE CONVENANT POUR LEDIT DISPOSITIF	[54] PROCEDE POUR PRODUIRE UN COMPOSE BICYCLIQUE VIA REARRANGEMENT DE CLAISEN
[72] WONG, VERNON G., US	[72] BECKMANN, RUDI, DE	[72] NAKAMURA, YOSHITAKA, JP
[72] WOOD, LOUIS L., US	[72] HEZEL, ROLF, DE	[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[71] RAMSCOR, INC., US	[71] HECKLER & KOCH GMBH, DE	[85] 2013-12-06
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	[54] COMPOSITIONS BIOCIDES	[25] EN
	[72] BARKER, PHYLLIS, US	[54] INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD
	[72] HAILU, ALEFESH, US	[54] DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS
	[71] COGNIS IP MANAGEMENT GMBH, DE	[72] SAKUMOTO, KOICHI, JP
	[85] 2013-12-06	[71] SONY CORPORATION, JP
	[86] 2012-07-04 (PCT/EP2012/062949)	[85] 2013-12-06
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	[30] US (61/504,504) 2011-07-05	[87] (WO2013/024630)
		[30] JP (2011-177332) 2011-08-12
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[25] EN	[25] EN	
[54] WET STATE CONTROL DEVICE FOR FUEL CELL	[54] METHOD FOR PRODUCING BICYCLIC COMPOUND VIA IMINIUM SALT	
[54] DISPOSITIF DE COMMANDE D'ETAT HUMIDE POUR PILE A COMBUSTIBLE	[54] PROCEDE POUR PRODUIRE UN COMPOSE BICYCLIQUE VIA UN SEL D'IMINIUM	
[72] AOKI, TETSUYA, JP	[72] NAKAMURA, YOSHITAKA, JP	
[72] MATSUMOTO, MICHIIHIKO, JP	[72] KIMURA, KENICHI, JP	
[71] NISSAN MOTOR CO., LTD., JP	[71] DAIICHI SANKYO COMPANY, LIMITED, JP	
[85] 2013-12-06	[85] 2013-12-06	
[86] 2012-04-19 (PCT/JP2012/060572)	[86] 2012-06-05 (PCT/JP2012/064415)	
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[51] **Int.Cl. A61C 5/12 (2006.01)**
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[54] **CIRCUMFERENTIAL MATRIX BAND**
[54] **BANDE DE MATRICE CIRCONFERENCE**
[72] MCDONALD, SIMON P., NZ
[72] SWIDLER, SEAN S., US
[72] NEYMEYER-TYNKOV, VALARIE, US
[71] TRIODENT HOLDINGS LIMITED, NZ
[85] 2013-12-05
[86] 2012-06-11 (PCT/US2012/041928)
[87] (WO2012/171018)
[30] NZ (593353) 2011-06-09
[30] NZ (595654) 2011-10-10
[30] NZ (596177) 2011-11-03

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[51] **Int.Cl. G01N 23/04 (2006.01) G01N 23/20 (2006.01)**
[25] EN
[54] **DETECTING HIGH ATOMIC NUMBER MATERIALS WITH COSMIC RAY MUON TOMOGRAPHY**
[54] **DETECTION DE MATIERES A NUMERO ATOMIQUE ELEVE PAR TOMOGRAPHIE PAR MUONS DE RAYONS COSMIQUES**
[72] JONKMANS, GUY, CA
[72] JEWETT, CYBELE, CA
[72] THOMPSON, MARTIN, CA
[72] ANGHEL, VINICIUS, CA
[71] ATOMIC ENERGY OF CANADA LIMITED, CA
[85] 2013-12-05
[86] 2012-06-07 (PCT/CA2012/050384)
[87] (WO2012/167381)
[30] US (61/494,171) 2011-06-07

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[25] FR
[54] **SYSTEM FOR PREVENTING AUTOMOTIVE ACCIDENTS**
[54] **SYSTEME POUR LA PREVENTION DES ACCIDENTS AUTOMOBILES**
[72] AUBIN, JEAN-PAUL, CA
[72] HUGRON, DENIS, CA
[71] AUBIN, JEAN-PAUL, CA
[71] HUGRON, DENIS, CA
[85] 2013-12-05
[86] 2011-06-10 (PCT/CA2011/000689)
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[30] CA (2,706,762) 2010-06-11

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/34 (2006.01) A61K 31/5377 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **DARUNAVIR COMBINATION FORMULATIONS**
[54] **FORMULATIONS COMBINEES DE DARUNAVIR**
[72] DELAET, URBAIN ALFONS C., BE
[72] HEYNS, PHILIP ERNA H., BE
[72] JANS, EUGEN MARIA JOZEF, BE
[72] MERTENS, ROEL JOS M., BE
[72] VAN DER AVOORT, GEERT, BE
[71] JANSSEN R&D IRELAND, IE
[71] GILEAD SCIENCES, INC., US
[85] 2013-12-06
[86] 2012-07-06 (PCT/EP2012/063249)
[87] (WO2013/004818)
[30] EP (11173067.7) 2011-07-07

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[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) C01B 31/20 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE ABSORBER AND CARBON DIOXIDE SEPARATION/RECOVERY METHOD USING THE ABSORBER**
[54] **ABSORBEUR DE DIOXYDE DE CARBONE ET PROCEDE DE SEPARATION/RECUPERATION DE DIOXYDE DE CARBONE L'UTILISANT**
[72] FUJIMOTO, NORIKAZU, JP
[72] HATTORI, KYOUHEI, JP
[72] YAMAGUCHI, FUMIHIKO, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2013-12-06
[86] 2012-06-08 (PCT/JP2012/064843)
[87] (WO2012/169634)
[30] JP (2011-129327) 2011-06-09
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[30] JP (2011-171263) 2011-08-04

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[25] EN
[54] **PEPTIDE COMPOSITIONS AND METHODS FOR TREATING LUNG INJURY, ASTHMA, ANAPHYLAXIS, ANGIOEDEMA, SYSTEMIC VASCULAR PERMEABILITY SYNDROMES, AND NASAL CONGESTION**
[54] **COMPOSITIONS PEPTIDIQUES ET METHODES DE TRAITEMENT D'UNE LESION PULMONAIRE, DE L'ASTHME, DE L'ANAPHYLAXIE, D'UN □DEME DE QUINCKE, DE SYNDROMES DE PERMEABILITE VASCULAIRE SYSTEMIQUE ET D'UNE CONGESTION NASALE**
[72] KOMAROVA, YULIA A., US
[72] SAQIB, UZMA, US
[72] VOGEL, STEPHEN M., US
[72] MALIK, ASRAR B., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2013-12-05
[86] 2012-06-13 (PCT/US2012/042118)
[87] (WO2012/174028)
[30] US (61/496,409) 2011-06-13

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[13] A1

[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **LED ARRAY AUXILIARY POWER SUPPLY**
[54] **ALIMENTATION ELECTRIQUE AUXILIAIRE A RESEAU DE LED**
[72] ROBERTS, BRUCE RICHARD, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-12-05
[86] 2012-06-13 (PCT/US2012/042209)
[87] (WO2012/177457)
[30] US (13/164,985) 2011-06-21

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[13] A1

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[25] FR
[54] **COLD-ROLLED STEEL PLATE COATED WITH ZINC OR A ZINC ALLOY, METHOD FOR MANUFACTURING SAME, AND USE OF SUCH A STEEL PLATE**
[54] **TOLE D'ACIER LAMINEE A FROID ET REVETUE DE ZINC OU D'ALLIAGE DE ZINC, PROCEDE DE FABRICATION ET UTILISATION D'UNE TELLE TOLE**
[72] MBACKE, PAPA AMADOU MACTAR, FR
[72] MOULIN, ANTOINE, FR
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2013-12-06
[86] 2012-05-17 (PCT/FR2012/000150)
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[30] FR (PCT/FR2011/000331) 2011-06-07

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[13] A1

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[25] FR
[54] **PRESSURE INDICATOR**
[54] **INDICATEUR DE PRESSION**
[72] LUCCHINA, PASCAL, FR
[72] CHECCARONI, STEPHANE, FR
[72] DHONNEUR, GILLES, FR
[71] LUCCHINA, PASCAL, FR
[71] CHECCARONI, STEPHANE, FR
[85] 2013-12-06
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[87] (WO2012/171881)
[30] FR (1101808) 2011-06-11

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[13] A1

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[25] EN
[54] **NOVEL RODENT CONTROL AGENTS AND USES THEREOF**
[54] **NOUVEAUX AGENTS DE LUTTE CONTRE LES RONGEURS ET UTILISATION DE CES AGENTS**
[72] LIBERLES, STEPHEN D., US
[72] FERRERO, DAVID M., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2013-12-06
[86] 2012-04-26 (PCT/US2012/035150)
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[30] US (61/497,654) 2011-06-16

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[13] A1

[51] **Int.Cl. A01K 1/01 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **CAT LITTER PRODUCT**
[54] **LITIERE POUR CHAT**
[72] KURAS, MONIKA, US
[72] GOSS, BOB, US
[72] JAFFEE, DAN, US
[72] SORAL, BOB, US
[72] GRACE, ELLIOTT, US
[72] HUNT, ROLFE, US
[72] YANCEY, DANNY, US
[72] JONES, KEVIN, US
[72] DONATELLO, MATTHEW, US
[71] OIL-DRI CORPORATION OF AMERICA, US
[85] 2013-12-05
[86] 2012-06-15 (PCT/US2012/042631)
[87] (WO2012/174356)
[30] US (61/497,178) 2011-06-15
[30] US (13/524,021) 2012-06-15

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[13] A1

[51] **Int.Cl. B44C 3/02 (2006.01)**
[25] FR
[54] **METHOD FOR APPLYING A PATTERN, SUCH AS A LOGO, ONTO THE OUTER SKIN OF AN AIRCRAFT ELEMENT**
[54] **PROCEDE D'APPLICATION D'UN MOTIF TEL QU'UN LOGO SUR LA PEAU EXTERIEURE D'UN ELEMENT D'AERONEF**
[72] GAFFIE, PATRICK, FR
[72] ARTINIAN, ROMAIN, FR
[71] AIRCELLE, FR
[85] 2013-12-06
[86] 2012-05-14 (PCT/FR2012/051071)
[87] (WO2012/168608)
[30] FR (11/54977) 2011-06-08

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[13] A1

[51] **Int.Cl. G01L 25/00 (2006.01)**
[25] FR
[54] **DEVICE FOR CLASSIFYING STRAIN GAUGES**
[54] **DISPOSITIF DE QUALIFICATION DE JAUGES DE DEFORMATION**
[72] DEPOTS, EMMANUEL, FR
[72] CLEMOT, STEPHANE, FR
[72] ROUSSELIN, STEPHANE, FR
[72] TULIE, ETIENNE, FR
[72] VOISIN, SEBASTIEN, FR
[71] SNECMA, FR
[85] 2013-12-06
[86] 2012-05-30 (PCT/FR2012/051209)
[87] (WO2012/168626)
[30] FR (1155047) 2011-06-09

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[25] EN
[54] **INSULATED CHAMBER WITH PHASE CHANGE MATERIAL**
[54] **CHAMBRE ISOLEE AVEC MATERIAU A CHANGEMENT DE PHASE**
[72] BAKER, MILTON F., US
[72] BARNETT, DALE C., US
[72] DOTTERER, ROBERT W., US
[72] FIGEL, DAVID N., US
[72] KEISER, STEPHEN C., US
[71] CARON PRODUCTS AND SERVICES, INC., US
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[30] US (61/359,143) 2010-06-28
[30] US (12/941,111) 2010-11-08

[21] **2,838,672**
[13] A1

[51] **Int.Cl. G01D 4/00 (2006.01)**
[25] FR
[54] **METHOD FOR ANALYZING THE ELECTRICITY CONSUMPTION OF A SITE PROVIDED WITH A PLURALITY OF ELECTRICAL DEVICES**
[54] **PROCEDE D'ANALYSE DE LA CONSOMMATION D'ELECTRICITE D'UN SITE EQUIPE D'UNE PLURALITE D'EQUIPEMENTS ELECTRIQUES**
[72] RICHE, DIDIER, FR
[72] EL RAMI, NADIM, US
[72] TOURIN-LEBRET, DORIAN, FR
[71] SMART IMPULSE, FR
[85] 2013-12-06
[86] 2012-06-01 (PCT/FR2012/051230)
[87] (WO2012/168629)
[30] FR (11 01745) 2011-06-08

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR PREDICTING FECUNDITY OF SEMEN**
[54] **PROCEDE IN VITRO DE PREDICTION DE LA FECONDITE DU SPERME**
[72] LARRIBA BARTOLOME, SARA, ES
[72] BASSAS ARNAU, LLUIS, ES
[71] INSTITUT D' INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL), ES
[71] FUNDACIO PUIGVERT, ES
[85] 2013-12-06
[86] 2012-04-23 (PCT/ES2012/070268)
[87] (WO2012/168517)
[30] EP (11382187.0) 2011-06-06

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[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **DIGITAL SIGNATURES WITH IMPLICIT CERTIFICATE CHAINS**
[54] **SIGNATURES NUMERIQUES A CHAINES DE CERTIFICATION IMPLICITE**
[72] KRAVITZ, DAVID WILLIAM, US
[72] ZAVERUCHA, GREGORY MARC, US
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM (U.S.) LIMITED, US
[71] CERTICOM CORP., CA
[85] 2013-12-06
[86] 2012-05-04 (PCT/US2012/036541)
[87] (WO2012/170131)
[30] US (61/495,790) 2011-06-10

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[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DENTAL IMPLANT AND INTERFACE TO ABUTMENT FOR RESTORATION**
[54] **SYSTEME ET PROCEDE D'IMPLANT ET D'INTERFACE DENTAIRE PAR RAPPORT A UN POINT D'APPUI DESTINES A UNE RESTAURATION**
[72] BELLANCA, JOHN J., US
[72] ROGERS, DAN P., US
[72] HERRINGTON, STEPHEN M., US
[72] TOWSE, ROSS W., US
[72] GOODMAN, RALPH E., US
[72] SUTTIN, ZACHARY B., US
[72] SCALISE, ISABEL, US
[72] BOBBY, MICHAEL, US
[71] BIOMET 3I, LLC, US
[85] 2013-12-05
[86] 2012-06-27 (PCT/US2012/044308)
[87] (WO2013/003408)
[30] US (61/502,091) 2011-06-28

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[21] **2,838,678**
[13] A1

[51] **Int.Cl. G06F 1/26 (2006.01)**
[25] EN
[54] **MINITURIZATION TECHNIQUES, SYSTEMS, AND APPARATUS RELATING TO POWER SUPPLIES, MEMORY, INTERCONNECTIONS, AND LEDS**
[54] **TECHNIQUES, SYSTEMES ET APPAREILS DE MINIATURISATION RELATIFS A DES ALIMENTATIONS ELECTRIQUES, DES MEMOIRES, DES INTERCONNEXIONS ET DES DEL**

[72] SULLIVAN, JASON A., US
[72] ABDOUCH, CHARLES, US
[71] SULLIVAN, JASON A., US
[71] ABDOUCH, CHARLES, US
[85] 2013-12-06
[86] 2011-06-06 (PCT/US2011/039292)
[87] (WO2011/156277)
[30] US (61/352,378) 2010-06-07
[30] US (61/352,369) 2010-06-07
[30] US (61/352,349) 2010-06-07
[30] US (61/352,359) 2010-06-07
[30] US (13/153,224) 2011-06-03

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[51] **Int.Cl. A01K 63/00 (2006.01)**
[25] EN
[54] **FISH TANK FOR ALLOWING AQUARIUM FISH TO BE VIEWED CLEARLY FROM THE TOP**
[54] **AQUARIUM POUR PERMETTRE A DES POISSONS D'ETRE VUS CLAIREMENT A PARTIR DE LA SURFACE SUPERIEURE**

[72] MIYASAKI, REIICHI, JP
[71] KABUSIKIGAISHA SPRING, JP
[85] 2013-12-06
[86] 2012-06-19 (PCT/JP2012/066448)
[87] (WO2013/011814)
[30] JP (2011-151274) 2011-06-21

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[13] A1

[51] **Int.Cl. C07C 13/465 (2006.01) A61K 31/04 (2006.01) A61K 31/47 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **1,3-DIOXOINDENE DERIVATIVES, PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PREPARATION METHOD THEREOF AND PHARMACEUTICAL COMPOSITION FOR THE ANTIVIRUS CONTAINING THE SAME AS AN ACTIVEINGREDIENT**
[54] **DERIVE DE 1,3-DI-OXO-INDENE, SON ISOMERE OPTIQUE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE, SON PROCEDE DE PREPARATION, ET COMPOSITION PHARMACEUTIQUE LE CONTENANT EN TANT QUE PRINCIPE ACTIF ANTIVIRAL**

[72] JUNG, YOUNG SIK, KR
[72] LEE, CHONG KGO, KR
[72] CHOI, IHL YOUNG, KR
[72] KIM, HAE SOO, KR
[72] KIM, PIL HO, KR
[72] HAN, SOO BONG, KR
[72] NEYTS, JOHAN, BE
[72] THIBAUT, HENDRIK JAN, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN K.U. LEUVEN R & D, BE
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[85] 2013-12-06
[86] 2012-06-18 (PCT/KR2012/004804)
[87] (WO2012/173447)
[30] KR (10-2011-0058704) 2011-06-16
[30] KR (10-2012-0065023) 2012-06-18

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[13] A1

[51] **Int.Cl. C10J 3/00 (2006.01) F27B 7/16 (2006.01) F27B 7/36 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN WASTE PROCESSING**
[54] **AMELIORATIONS DANS LE TRAITEMENT DES DECHETS**

[72] CHALABI, RIFAT AL, GB
[72] PERRY, OPHNEIL HENRY, GB
[72] TURNER, JOHN, GB
[71] CHINOOK END-STAGE RECYCLING LIMITED, GB
[85] 2013-12-06
[86] 2012-05-23 (PCT/GB2012/000457)
[87] (WO2012/168675)
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[13] A1

[51] **Int.Cl. G06F 13/14 (2006.01) G06F 1/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC MULTI-LINK COMPILATION PARTITIONING**
[54] **SYSTEMES ET PROCEDES DE PARTITIONNEMENT DE COMPILATION MULTI-LIAISON DYNAMIQUE**

[72] SULLIVAN, JASON A., US
[71] SULLIVAN, JASON A., US
[85] 2013-12-06
[86] 2011-06-06 (PCT/US2011/039310)
[87] (WO2011/156285)
[30] US (61/352,372) 2010-06-07
[30] US (61/352,351) 2010-06-07
[30] US (61/352,363) 2010-06-07
[30] US (61/352,368) 2010-06-07
[30] US (13/153,189) 2011-06-03

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[51] **Int.Cl. B23K 9/00 (2006.01) B23K 9/10 (2006.01) B23K 9/18 (2006.01)**

[25] EN

[54] **MODIFIED SERIES ARC WELDING AND IMPROVED CONTROL OF ONE SIDED SERIES ARC WELDING**

[54] **SOUDAGE A L'ARC EN SERIE MODIFIE ET COMMANDE AMELIOREE D'UN SOUDAGE A L'ARC EN SERIE A UN COTE**

[72] O'DONNELL, TIMOTHY MARK, US

[72] COLE, STEPHEN RICHARD, US

[72] YOST, ALONZO P. O., US

[71] LINCOLN GLOBAL, INC., US

[85] 2013-12-06

[86] 2012-06-20 (PCT/IB2012/001221)

[87] (WO2012/176045)

[30] US (13/164,161) 2011-06-20

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[13] A1

[51] **Int.Cl. F16L 23/00 (2006.01)**

[25] EN

[54] **PIPE JOINT RESTRAINT APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE LIMITATION DE RACCORD DE TUYAU**

[72] LUNDSTROM, MICHAEL LOYAL, US

[72] SCHAEFER, SEAN CHRISTIAN, US

[71] EBAA IRON, INC., US

[85] 2013-12-06

[86] 2012-04-17 (PCT/US2012/033858)

[87] (WO2012/170116)

[30] US (13/157,103) 2011-06-09

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[13] A1

[51] **Int.Cl. F04D 29/44 (2006.01)**

[25] FR

[54] **METHOD FOR DIFFUSING A GAS TURBINE COMPRESSION STAGE, AND DIFFUSION STAGE FOR IMPLEMENTING SAME**

[54] **PROCEDE DE DIFFUSION D'UN ETAGE DE COMPRESSION D'UNE TURBINE A GAZ ET ETAGE DE DIFFUSION DE MISE EN OEUVRE**

[72] TARNOWSKI, LAURENT, FR

[72] BULOT, NICOLAS, FR

[72] PORODO, JEROME, FR

[71] TURBOMECA, FR

[85] 2013-12-06

[86] 2012-06-19 (PCT/FR2012/051367)

[87] (WO2012/175855)

[30] FR (1155370) 2011-06-20

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[13] A1

[51] **Int.Cl. G06F 11/22 (2006.01) G06F 11/30 (2006.01) G06F 13/14 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR INTELLIGENT AND FLEXIBLE MANAGEMENT AND MONITORING OF COMPUTER SYSTEMS**

[54] **SYSTEMES ET PROCEDES DE GESTION ET DE SURVEILLANCE INTELLIGENTES ET FLEXIBLES DE SYSTEMES INFORMATIQUES**

[72] SULLIVAN, JASON A., US

[72] ABDOUCH, CHARLES, US

[71] SULLIVAN, JASON A., US

[71] ABDOUCH, CHARLES, US

[85] 2013-12-06

[86] 2011-06-07 (PCT/US2011/039491)

[87] (WO2011/156404)

[30] US (61/352,379) 2010-06-07

[30] US (61/352,381) 2010-06-07

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[30] US (61/352,362) 2010-06-07

[30] US (13/154,436) 2011-06-06

[21] **2,838,689**
[13] A1

[51] **Int.Cl. B65D 85/26 (2006.01) B23K 9/26 (2006.01)**

[25] EN

[54] **ELECTRODE CONTAINER HAVING AN INSERT FOR ELECTRODE REMOVAL**

[54] **RECIPIENT D'ELECTRODES AYANT UN INSERT POUR LE RETRAIT D'ELECTRODES**

[72] WEISSBROD, PAUL A., US

[71] LINCOLN GLOBAL, INC., US

[85] 2013-12-06

[86] 2012-06-22 (PCT/IB2012/001242)

[87] (WO2012/176056)

[30] US (13/167,177) 2011-06-23

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[51] **Int.Cl. G06F 9/06 (2006.01) G06F 17/00 (2006.01)**

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[54] **DATA LOCKER SYNCHRONIZATION**

[54] **SYNCHRONISATION DE VERROUILLEUR DE DONNEES**

[72] EVANS, ETHAN Z., US

[72] FRAZZINI, MICHAEL ANTHONY, US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2013-12-05

[86] 2012-06-28 (PCT/US2012/044586)

[87] (WO2013/003556)

[30] US (13/172,052) 2011-06-29

[30] US (13/172,058) 2011-06-29

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[51] **Int.Cl. G06F 1/00 (2006.01) G06F 1/20 (2006.01) G06F 13/14 (2006.01) G06F 21/00 (2013.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A UNIVERSAL COMPUTING SYSTEM**
[54] **SYSTEMES ET PROCESSES DE CREATION DE SYSTEME INFORMATIQUE UNIVERSEL**

[72] SULLIVAN, JASON A., US
[71] SULLIVAN, JASON A., US
[85] 2013-12-06
[86] 2011-06-07 (PCT/US2011/039508)
[87] (WO2011/156417)
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[30] US (61/352,383) 2010-06-07
[30] US (61/352,358) 2010-06-07
[30] US (61/352,381) 2010-06-07
[30] US (61/352,384) 2010-06-07
[30] US (61/352,372) 2010-06-07
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[30] US (61/352,379) 2010-06-07
[30] US (61/352,378) 2010-06-07
[30] US (61/352,363) 2010-06-07
[30] US (61/352,359) 2010-06-07
[30] US (61/352,357) 2010-06-07
[30] US (61/352,351) 2010-06-07
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[30] US (61/407,904) 2010-10-28
[30] US (13/154,325) 2011-06-06

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[13] A1

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[54] **MAMMALIAN CELL CULTURE**
[54] **CULTURE DE CELLULES MAMMIFERES**

[72] FOLLSTAD, BRIAN D., US
[72] MCCOY, REBECCA E., US
[72] MORRIS, ARVIA E., US
[71] AMGEN INC., US
[85] 2013-12-05
[86] 2012-06-29 (PCT/US2012/045070)
[87] (WO2013/006479)
[30] US (61/503,737) 2011-07-01

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[13] A1

[51] **Int.Cl. C07C 391/00 (2006.01) A01N 55/00 (2006.01) A61L 29/16 (2006.01) B05D 3/10 (2006.01) C07D 517/02 (2006.01)**

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[54] **SELENIUM ATTACHMENT AGENT**
[54] **AGENT DE FIXATION DE SELENIUM**

[72] HANES, ROBERT EUGENE, US
[71] SELENIUM, LTD., US
[85] 2013-12-06
[86] 2011-06-17 (PCT/US2011/040949)
[87] (WO2011/160060)
[30] US (61/355,942) 2010-06-17

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[13] A1

[51] **Int.Cl. G06F 7/04 (2006.01) G06F 21/44 (2013.01)**

[25] EN
[54] **AUTOMATIC REAUTHENTICATION IN A MEDIA DEVICE**
[54] **REAUTHENTIFICATION AUTOMATIQUE DANS UN DISPOSITIF MULTIMEDIA**

[72] WAITES, NIGEL, US
[71] BBY SOLUTIONS, INC., US
[85] 2013-12-06
[86] 2011-06-20 (PCT/US2011/041059)
[87] (WO2012/170041)
[30] US (13/153,583) 2011-06-06

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[13] A1

[51] **Int.Cl. B63H 11/10 (2006.01) B63H 11/12 (2006.01)**

[25] EN
[54] **JET PROPULSION DEVICE WITH THRUST VECTOR CONTROL**
[54] **PROPULSEUR A JETS A VECTEUR DE POUSSEE COMMANDE**

[72] IVANOV, VLADIMIR EVGENJEVICH, RU
[71] NIKONOV, FILIPP IGOREVICH, RU
[71] IVANOV, VLADIMIR EVGENJEVICH, RU
[85] 2013-12-06
[86] 2011-05-20 (PCT/RU2011/000347)
[87] (WO2011/155871)
[30] RU (2010123344) 2010-06-08

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[13] A1

[51] **Int.Cl. C10M 105/42 (2006.01) C07C 69/675 (2006.01) C11C 3/00 (2006.01)**

[25] EN
[54] **DIELECTRIC FLUIDS COMPRISING ESTOLIDE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME**
[54] **FLUIDES DIELECTRIQUES COMPRENANT DES COMPOSES ESTOLIDES ET LEURS PROCESSES DE PRODUCTION ET D'UTILISATION**

[72] BREDSGUARD, JAKOB, US
[72] FOREST, JEREMY, US
[72] THOMPSON, TRAVIS, US
[71] BIOSYNTHETIC TECHNOLOGIES, LLC, US
[85] 2013-12-06
[86] 2012-02-28 (PCT/US2012/026887)
[87] (WO2012/173674)
[30] US (61/498,499) 2011-06-17
[30] US (61/548,613) 2011-10-18

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<p style="text-align: center;">[21] 2,838,710 [13] A1</p> <p>[51] Int.Cl. B28C 5/42 (2006.01) B28C 5/16 (2006.01) B28C 5/34 (2006.01)</p> <p>[25] EN</p> <p>[54] MOBILE ASPHALT CONCRETE PRODUCTION MACHINE</p> <p>[54] MACHINE MOBILE DE PRODUCTION DE BETON ASPHALTIQUE</p> <p>[72] WARLOW, JERRY L., US [72] PEIRCE, DAVID E., US [72] FRIDMAN, BORIS, US [71] HOT MIX MOBILE, LLC, US [85] 2013-12-06 [86] 2012-06-06 (PCT/US2012/041132) [87] (WO2012/170557) [30] US (13/153,966) 2011-06-06</p>	<p style="text-align: center;">[21] 2,838,718 [13] A1</p> <p>[51] Int.Cl. B64F 1/28 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR PROVIDING A CONTROL SYSTEM FOR AIRCRAFT REFUELING TRUCKS</p> <p>[54] SYSTEMES ET PROCEDES DE MISE EN PLACE D'UN SYSTEME DE CONTROLE POUR CAMIONS DE RAVITAILLEMENT D'AVIONS EN CARBURANT</p> <p>[72] VAN HOY, MARK, US [72] WILEMAN, JASON, US [72] DARROW, CLIFF, US [72] BULLINS, TIM, US [71] BETA FLUID SYSTEMS, INC., US [85] 2013-12-06 [86] 2012-06-07 (PCT/US2012/041323) [87] (WO2012/170672) [30] US (61/494,243) 2011-06-07</p>	

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[21] **2,838,722**

[13] A1

- [51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **OFFSET JAW SUTURING DEVICE,
SYSTEM, AND METHODS**
[54] **DISPOSITIF DE SUTURES A
MACHOIRES DECALEES,
SYSTEME, ET PROCEDES**
[72] BELMAN, YURI, US
[72] ZATYURYUKIN, ALEXANDER
BORISOVICH, RU
[72] MOORE, PATRICIA A., US
[71] SUTURENETICS, INC., US
[85] 2013-12-06
[86] 2012-06-07 (PCT/US2012/041362)
[87] (WO2012/170692)
[30] US (61/494,785) 2011-06-08

[21] **2,838,728**

[13] A1

- [51] **Int.Cl. G01N 33/48 (2006.01) C12N
15/11 (2006.01) C12Q 1/68 (2006.01)
C40B 30/04 (2006.01) C40B 40/06
(2006.01) C40B 40/10 (2006.01) G01N
33/574 (2006.01)**
[25] EN
[54] **CIRCULATING BIOMARKERS
FOR CANCER**
[54] **BIOMARQUEURS CIRCULANTS
POUR LE CANCER**
[72] PAWLOWSKI, TRACI, US
[72] YEATTS, KIMBERLY, US
[72] AKHAVAN, RAY, US
[71] CARIS LIFE SCIENCES
LUXEMBOURG HOLDINGS,
S.A.R.L., LU
[85] 2013-12-06
[86] 2012-06-07 (PCT/US2012/041387)
[87] (WO2012/170711)
[30] US (61/494,196) 2011-06-07
[30] US (61/494,355) 2011-06-07
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Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,834,158**
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[51] **Int.Cl. B65B 11/04 (2006.01) B65B 11/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR METERED PRE-STRETCH FILM DELIVERY**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DOSEE DE FILM PRE-ETIRE**
[72] LANCASTER, PATRICK R., III, US
[72] ELDRIDGE, DAVID E., US
[72] HALL, WILLIE MARTIN, US
[72] JOHNSON, RICHARD L., US
[72] MARTIN, CURTIS W., US
[72] MOORE, PHILIP R., US
[72] NORRIS, JOSEPH DONALD, US
[71] LANTECH.COM, LLC, US
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[13] A1

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[54] **TENT ELECTRICAL SYSTEM**
[54] **SYSTEME ELECTRIQUE POUR TENTE**
[72] TARTER, KEVIN J., US
[72] MEETHER, STUART L., US
[72] HINZ, TREVOR J., US
[72] CULP, YIYUN, US
[72] BROCKEL, MICHAEL D., US
[72] LAWHON, ROBERT L., US
[71] THE COLEMAN COMPANY, INC., US
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[13] A1

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[25] EN
[54] **CUP ASSEMBLY**
[54] **ENSEMBLE TASSE**
[72] RANDOLPH, ROSS STEVEN, US
[72] SEJNOWSKI, JOSEPH PAUL, US
[71] PLAYTEX PRODUCTS INC., US
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[25] FR
[54] **METHOD OF CONTROLLING AN ACTION, SUCH AS A SHARPNESS MODIFICATION, USING A COLOUR DIGITAL IMAGE**
[54] **PROCEDE POUR COMMANDER UNE ACTION, NOTAMMENT UNE MODIFICATION DE NETTETE, A PARTIR D'UNE IMAGE NUMERIQUE EN COULEURS**
[72] CHANAS, LAURENT, FR
[72] TARCHOUNA, IMENE, FR
[72] GUICHARD, FREDERIC, FR
[72] LIEGE, BRUNO, FR
[72] MENIERE, JEROME, FR
[71] DXO LABS, FR
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[21] **2,834,997**
[13] A1

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[25] EN
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[54] **UNITE DE RENDU DE CORPS VOLUMIQUES**
[72] CALLEGARI, ANDRES C., US
[71] LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY, US
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[21] **2,835,042**
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[54] **MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE**
[72] BATEMAN, ROBERT HAROLD, GB
[71] MICROMASS UK LIMITED, GB
[22] 2006-11-23
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[62] 2,628,927
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[21] **2,835,047**
[13] A1

[51] **Int.Cl. H04N 5/30 (2006.01)**
[25] FR
[54] **METHOD OF CONTROLLING AN ACTION, SUCH AS A SHARPNESS MODIFICATION, USING A COLOUR DIGITAL IMAGE**
[54] **PROCEDE POUR COMMANDER UNE ACTION, NOTAMMENT UNE MODIFICATION DE NETTETE, A PARTIR D'UNE IMAGE NUMERIQUE EN COULEURS**
[72] CHANAS, LAURENT, FR
[72] TARCHOUNA, IMENE, FR
[72] GUICHARD, FREDERIC, FR
[72] LIEGE, BRUNO, FR
[72] MENIERE, JEROME, FR
[71] DXO LABS, FR
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[21] **2,835,382**
[13] A1

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[25] EN
[54] **CATHODE ACTIVE MATERIAL CONTAINING LITHIUM, CATHODE CONTAINING LITHIUM, AND NONAQUEOUS SECONDARY BATTERY CONTAINING LITHIUM**
[54] **MATERIAU ACTIF DE CATHODE CONTENANT DU LITHIUM, CATHODE CONTENANT DU LITHIUM ET BATTERIE SECONDAIRE NON AQUEUSE CONTENANT DU LITHIUM**
[72] OHIRA, KOJI, JP
[72] NISHIJIMA, MOTOAKI, JP
[72] SUEKI, TOSHITSUGU, JP
[72] ESAKI, SHOGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] KYOTO UNIVERSITY, JP
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[25] EN
[54] **POLYMER COATING FOR MEDICAL DEVICES**
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[71] CORDIS CORPORATION, US
[22] 2007-11-16
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[21] **2,835,770**
[13] A1

[51] **Int.Cl. C08G 69/48 (2006.01) C08G 69/10 (2006.01)**
[25] EN
[54] **PRODUCTION AND USE OF HIGHLY FUNCTIONAL, HIGHLY BRANCHED OR HYPERBRANCHED POLYLYSINES**
[54] **PRODUCTION ET UTILISATION DE POLYLYSINES HAUTEMENT FONCTIONNELLES, TRES OU HYPER-RAMIFIEES**
[72] BRUCHMANN, BERND, DE
[72] KLOK, HARM-ANTON, CH
[72] SCHOLL, MARKUS THOMAS, CH
[71] BASF SE, DE
[22] 2006-11-15
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[21] **2,835,959**
[13] A1

[51] **Int.Cl. C09K 8/44 (2006.01) C09K 3/10 (2006.01) E21B 33/12 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION, SWELLABLE COMPOSITION COMPRISING THE POLYMER COMPOSITION, AND ARTICLES INCLUDING THE SWELLABLE COMPOSITION**
[54] **COMPOSITION DE POLYMERE, COMPOSITION GONFLABLE COMPRENANT LA COMPOSITION DE POLYMERE ET ARTICLES COMPRENANT LA COMPOSITION GONFLABLE**
[72] KORTE, JAMES R., US
[72] THURSTON, JOHN, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2010-12-08
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[62] 2,783,341
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[21] **2,835,995**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CITATION NETWORK VIEWER AND METHOD**
[54] **VISIONNEUSE ET PROCEDE DE RESEAU DE CITATION**
[72] ZHANG, PAUL, US
[72] KOPPAKA, LAVANYA, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
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[13] A1

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 52/42 (2009.01)**
[25] EN
[54] **ANCHOR CARRIER IN A MULTIPLE CARRIER WIRELESS COMMUNICATION SYSTEM**
[54] **PORTEUSE D'ANCRAGE DANS UN SYSTEME DE COMMUNICATION SANS FIL A MULTIPLES PORTEUSES**
[72] DAMNJANOVIC, JELENA M., US
[72] MONTOJO, JUAN, US
[72] SARKAR, SANDIP, US
[71] QUALCOMM INCORPORATED, US
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[21] **2,836,045**
[13] A1

[51] **Int.Cl. A01N 61/02 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01)**
[25] EN
[54] **SPRAY OIL AND METHOD OF USE THEREOF FOR CONTROLLING TURFGRASS PESTS**
[54] **HUILE POUR PULVERISATION ET SON UTILISATION POUR LA LUTTE ANTIPARASITAIRE DANS L'HERBE A GAZON**
[72] FEFER, MICHAEL, CA
[71] SUNCOR ENERGY INC., CA
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[41] 2005-11-18
[62] 2,507,482
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[13] A1

[51] **Int.Cl. B65D 81/00 (2006.01) B32B 3/02 (2006.01) B32B 7/04 (2006.01) B32B 38/04 (2006.01) B65D 30/00 (2006.01)**
[25] EN
[54] **WEB AND METHOD FOR MAKING FLUID FILLED UNITS**
[54] **BANDE ET PROCEDE DE FABRICATION D'UNITES REMPLIES DE FLUIDE**
[72] WEHRMANN, RICK STEVEN, US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
[22] 2005-05-31
[41] 2005-12-15
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[21] **2,836,173**
[13] A1

[51] **Int.Cl. C25B 1/04 (2006.01) C25B 9/18 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **PEM WATER ELECTROLYSER MODULE**
[54] **CONCEPTION MODULAIRE DE CELLULE D'ELECTROLYSEUR D'EAU A MEMBRANE ECHANGEUSE DE PROTONS**
[72] HINATSU, JAMES T., CA
[72] STEMP, MICHAEL, CA
[71] NEXT HYDROGEN CORPORATION, CA
[22] 2010-07-23
[41] 2011-02-24
[62] 2,767,213
[30] US (61/272,126) 2009-08-19

[21] **2,836,252**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **FUZZY PROXIMITY BOOSTING AND INFLUENCE KERNELS**
[54] **NOYAUX D'AMPLIFICATION DE PROXIMITE ET D'INFLUENCE A LOGIQUE FLOUE**
[72] EDALA, NARASIMHA, US
[72] LORITZ, DONALD, US
[71] LEXISNEXIS, US
[22] 2010-07-15
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[62] 2,768,570
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[21] **2,836,368**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) A01N 63/02 (2006.01) A01P 5/00 (2006.01) A01P 7/04 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **SELECTING AND STABILIZING DSRNA CONSTRUCTS**
[54] **SELECTION ET STABILISATION DE CONSTRUCTIONS D'ARN DOUBLE BRIN**
[72] HECK, GREGORY R., US
[72] MUNYIKWA, TICHAFI R. I., US
[72] GOLEY, JEAN C., US
[72] ROBERTS, JAMES K., US
[72] JOHNSON, SCOTT C., US
[72] VAUGHN, TY T., US
[71] MONSANTO TECHNOLOGY LLC, US
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[30] US (60/772,736) 2006-02-13

[21] **2,836,534**
[13] A1

[51] **Int.Cl. A01N 25/32 (2006.01) A01N 37/40 (2006.01) A01N 41/10 (2006.01) A01N 43/80 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **CULTIGEN-COMPATIBLE HERBICIDAL AGENTS CONTAINING HERBICIDES AND ACYLSULFAMOYL BENZAMIDE SAFENERS**
[54] **PRODUITS HERBICIDES COMPATIBLES AVEC LES PLANTES DE CULTURE ET CONTENANT DES HERBICIDES ET DES PHYTOPROTECTEURS AMIDE D'ACIDE ACYLSULFAMOYL BENZOIQUE**
[72] ROSINGER, CHRISTOPHER, DE
[72] EVANS, PAUL, DE
[72] HACKER, ERWIN, DE
[71] BAYER CROPS SCIENCE AG, DE
[22] 2006-06-27
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[30] DE (10 2005 031 787.1) 2005-07-07

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[13] A1

[51] **Int.Cl. C08L 23/08 (2006.01) C08J 5/18 (2006.01) C08L 23/04 (2006.01) C08F 2/00 (2006.01)**

[25] EN

[54] **HDP RESINS FOR USE IN PRESSURE PIPE AND RELATED APPLICATIONS**

[54] **RESINES DE PEHD UTILISABLES DANS DES TUBES PRESSION ET DES APPLICATIONS CONNEXES**

[72] KRISHNASWAMY, RAJENDRA K., US

[72] YANG, QING, US

[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US

[22] 2005-04-29

[41] 2005-11-17

[62] 2,564,779

[30] US (10/835,755) 2004-04-30

[21] **2,836,631**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) A63F 13/30 (2014.01) A63F 13/35 (2014.01)**

[25] EN

[54] **SEPARABLE URL INTERNET BROWSER-BASED GAMING SYSTEM**

[54] **SYSTEME DE JEU SEPARABLE BASE SUR UN NAVIGATEUR INTERNET URL**

[72] DIMICHELE, CARMEN, US

[72] RISTINE, RUSSELL, US

[72] MORROW, JAMES W., US

[71] BALLY GAMING, INC., US

[22] 2005-09-07

[41] 2006-04-13

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[30] US (10/956,398) 2004-09-30

[21] **2,836,724**
[13] A1

[51] **Int.Cl. H04W 36/18 (2009.01) H04W 72/12 (2009.01) H04L 1/18 (2006.01)**

[25] EN

[54] **WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER**

[54] **PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL DE COORDINATION DE NOEUDS B ET SUPPORTANT DES TRANSMISSIONS A LIAISON ASCENDANTE AMELIOREES AU COURS DU TRANSFERT**

[72] ZHANG, GUODONG, US

[72] SHIN, SUNG-HYUK, US

[72] TERRY, STEPHEN E., US

[72] MILLER, JAMES M., US

[72] DICK, STEPHEN G., US

[71] SIGNAL TRUST FOR WIRELESS INNOVATION, US

[22] 2004-10-29

[41] 2005-05-26

[62] 2,541,777

[30] US (60/517,656) 2003-11-05

[30] US (60/519,990) 2003-11-14

[30] US (60/520,692) 2003-11-17

[30] US (60/578,674) 2004-06-10

[30] US (10/962,720) 2004-10-12

[21] **2,836,758**
[13] A1

[51] **Int.Cl. G06F 15/00 (2006.01) G06F 21/60 (2013.01) G06F 3/06 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **INTELLIGENT DATA PROCESSING SYSTEM AND METHOD USING FPGA DEVICES**

[54] **SYSTEME DE STOCKAGE ET DE TRAITEMENT DE DONNEES INTELLIGENT UTILISANT DES DISPOSITIFS FPGA**

[72] CHAMBERLAIN, ROGER D., US

[72] FRANKLIN, MARK ALLEN, US

[72] INDECK, RONALD S., US

[72] CYTRON, SHARATH R., US

[72] CHOLLETI, SHARATH R., US

[71] IP RESERVOIR, LLC, US

[22] 2004-05-21

[41] 2005-05-26

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[30] US (60/473,077) 2003-05-23

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[13] A1

[51] **Int.Cl. B65D 75/36 (2006.01)**

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[54] **PACKAGING FOR DISPOSABLE SOFT CONTACT LENSES**

[54] **EMBALLAGE POUR LENTILLE DE CONTACT DE CONTACT SOUPLES JETABLES**

[72] NEWMAN, STEPHEN D., SG

[71] MENICON SINGAPORE PTE LTD., SG

[22] 2005-02-16

[41] 2005-09-09

[62] 2,556,761

[30] US (10/781,321) 2004-02-07

[30] US (10/789,961) 2004-02-27

[21] **2,836,761**
[13] A1

[51] **Int.Cl. B60G 5/02 (2006.01) B60G 5/00 (2006.01) B60G 11/22 (2006.01) B60G 11/24 (2006.01) B60G 21/045 (2006.01) F16F 1/40 (2006.01) F16F 1/50 (2006.01)**

[25] EN

[54] **MODULAR SUSPENSION SYSTEM AND COMPONENTS THEREOF**

[54] **SYSTEME DE SUSPENSION MODULAIRE ET COMPOSANTS ASSOCIES**

[72] NOBLE, SHAWN D., US

[72] ROBINSON, MICHAEL P., US

[72] FORREST, CHRISTOPHER W., US

[72] BRANNIGAN, MICHAEL, US

[72] DUDDING, ASHLEY T., US

[72] STUART, JOHN W., US

[71] HENDRICKSON USA, L.L.C., US

[22] 2009-03-10

[41] 2009-12-17

[62] 2,716,198

[30] US (12/045,069) 2008-03-10

[30] US (12/334,195) 2008-12-12

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[21] **2,836,858**
[13] A1

[51] **Int.Cl. G10L 19/032 (2013.01) G10L 21/04 (2013.01)**

[25] EN

[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**

[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**

[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
[72] EDLER, BERND, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[22] 2009-07-06
[41] 2010-01-14
[62] 2,730,239
[30] US (61/079,873) 2008-07-11

[21] **2,836,862**
[13] A1

[51] **Int.Cl. G10L 19/032 (2013.01) G10L 21/04 (2013.01)**

[25] EN

[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**

[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**

[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
[72] EDLER, BERND, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[22] 2009-07-06
[41] 2010-01-14
[62] 2,730,239
[30] US (61/079,873) 2008-07-11

[21] **2,836,863**
[13] A1

[51] **Int.Cl. G10L 21/0232 (2013.01) G10L 19/032 (2013.01) G10L 21/04 (2013.01)**

[25] EN

[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**

[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**

[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
[72] EDLER, BERND, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[22] 2009-07-06
[41] 2010-01-14
[62] 2,730,239
[30] US (61/079,873) 2008-07-11

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[21] **2,836,871**
[13] A1

[51] **Int.Cl. G10L 19/025 (2013.01) G10L 19/032 (2013.01) G10L 21/04 (2013.01)**
[25] EN
[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**
[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**
[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
[72] EDLER, BERND, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[22] 2009-07-06
[41] 2010-01-14
[62] 2,730,239
[30] US (61/079,873) 2008-07-11

[21] **2,836,894**
[13] A1

[51] **Int.Cl. H04W 36/18 (2009.01) H04W 36/24 (2009.01)**
[25] EN
[54] **MOBILITY IN A MULTI-ACCESS COMMUNICATION NETWORK**
[54] **MOBILITE DANS UN RESEAU DE COMMUNICATION MULTIACCES**
[72] CHRISTIE, SAMUEL H., IV, US
[71] MICROSOFT CORPORATION, US
[22] 2004-07-28
[41] 2005-02-03
[62] 2,533,875
[30] US (10/628,167) 2003-07-28

[21] **2,836,913**
[13] A1

[51] **Int.Cl. B23K 37/053 (2006.01)**
[25] EN
[54] **GUIDE DEVICE, PARTICULARLY FOR USE IN WELDING**
[54] **DISPOSITIF DE GUIDAGE, EN PARTICULIER POUR SOUDAGE**
[72] KASTELEIN, MAARTEN WILLEM, NL
[72] KRAMER, GERARDUS MARIA, NL
[71] ALLSEAS GROUP S.A., CH
[22] 2007-04-12
[41] 2007-10-21
[62] 2,584,595
[30] NL (NL 1031654) 2006-04-21

[21] **2,836,931**
[13] A1

[51] **Int.Cl. F23D 14/06 (2006.01) F24C 3/08 (2006.01)**
[25] EN
[54] **IMPROVED COOKING GAS BURNER**
[54] **BRULEUR A GAZ DE CUISSON AMELIORE**
[72] ROSSI, CARLO ANTONIO, AU
[72] ROSSI, MARCO, AU
[71] AKTIEBOLAGET ELECTROLUX, SE
[22] 2005-10-27
[41] 2006-05-04
[62] 2,584,134
[30] AU (2004906239) 2004-10-28

[21] **2,836,941**
[13] A1

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[25] EN
[54] **BINDING METHODS AND DEVICES IN A BUILDING AUTOMATION SYSTEM**
[54] **PROCEDES ET DISPOSITIFS DE LIAISON DANS UN SYSTEME D'AUTOMATISATION POUR BATIMENT**
[72] HENDRIX, JOHN A., US
[72] MCFARLAND, NORMAN R., US
[72] NASS, GEOFFREY D., US
[72] RAIMO, JEFFREY A., US
[72] SONGKAKUL, PORNSAK, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2007-08-29
[41] 2008-03-06
[62] 2,662,014
[30] US (60/823,788) 2006-08-29
[30] US (60/823,909) 2006-08-30
[30] US (60/823,912) 2006-08-30
[30] US (11/846,218) 2007-08-28

[21] **2,836,948**
[13] A1

[51] **Int.Cl. A61M 35/00 (2006.01)**
[25] EN
[54] **MEDICAL SKIN APPLICATOR APPARATUS**
[54] **APPAREIL MEDICAL D'APPLICATION SUR LA PEAU**
[72] CABLE, FRANK, US
[72] TAUER, MARK, US
[72] FETTERROLL, ANDREW, US
[71] TYCO HEALTHCARE GROUP LP, US
[22] 2005-08-08
[41] 2007-02-15
[62] 2,577,729
[30] US (60/599,927) 2004-08-09
[30] US (60/614,503) 2004-09-30
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[21] **2,836,951**
[13] A1

[51] **Int.Cl. C07K 7/06 (2006.01) C07K 1/22 (2006.01) C07K 14/47 (2006.01) G01N 33/53 (2006.01)**

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[54] **PRION PROTEIN LIGANDS AND METHODS OF USE**

[54] **LIGANDS DE PROTEINE PRION ET PROCEDES D'UTILISATION**

[72] HAMMOND, DAVID J., US

[72] LATHROP, JULIA T., US

[72] CERVENAKOVA, LARISA, US

[72] CARBONELL, RUBEN G., US

[71] NORTH CAROLINA STATE UNIVERSITY, US

[71] PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC., US

[22] 2003-12-03

[41] 2004-06-17

[62] 2,507,936

[30] US (60/430,423) 2002-12-03

[21] **2,836,959**
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/127 (2006.01)**

[25] EN

[54] **POLYMER CONJUGATES WITH DECREASED ANTIGENICITY, METHODS OF PREPARATION AND USES THEREOF**

[54] **CONJUGUES DE POLYMERES AVEC ANTIGENICITE REDUITE, PROCEDES DE PREPARATION ET UTILISATIONS DE CES CONJUGUES**

[72] MARTINEZ, ALEXA L., US

[72] SHERMAN, MERRY R., US

[72] SAIFER, MARK G. P., US

[72] WILLIAMS, L. DAVID, US

[71] MOUNTAIN VIEW PHARMACEUTICALS, INC., US

[22] 2003-09-25

[41] 2004-04-15

[62] 2,500,389

[30] US (60/414,424) 2002-09-30

[30] US (10/317,092) 2002-12-12

[21] **2,836,987**
[13] A1

[51] **Int.Cl. C12N 7/01 (2006.01) A61K 35/76 (2006.01) A61P 35/00 (2006.01) C12N 15/34 (2006.01) C12N 15/861 (2006.01)**

[25] EN

[54] **CHIMERIC ADENOVIRUSES FOR USE IN CANCER TREATMENT**

[54] **ADENOVIRUS CHIMERES A UTILISER DANS LE TRAITEMENT DU CANCER**

[72] HARDEN, PAUL, US

[72] HERMISTON, TERRY, US

[72] KUHN, IRENE, US

[71] PSIOXUS THERAPEUTICS LIMITED, GB

[22] 2005-05-24

[41] 2005-12-15

[62] 2,567,094

[30] US (60/574,851) 2004-05-26

[21] **2,837,025**
[13] A1

[51] **Int.Cl. E04B 1/24 (2006.01) E04B 1/19 (2006.01)**

[25] EN

[54] **BUILDING METAL FRAME, AND METHOD OF MAKING, AND COMPONENTS THEREFOR INCLUDING COLUMN ASSEMBLIES AND FULL-LENGTH BEAM ASSEMBLIES**

[54] **STRUCTURE METALLIQUE D'IMMEUBLE, SON PROCEDE DE FABRICATION ET SES COMPOSANTS, NOTAMMENT DES ENSEMBLES DE COLONNES ET DES ENSEMBLES DE POUTRES DE PLEINE LONGUEUR**

[72] HOUGHTON, DAVID L., US

[72] KARNS, JESSE E., US

[72] GALLART, ENRIQUE A., US

[71] MITEK HOLDINGS, INC., US

[22] 2009-08-13

[41] 2010-02-25

[62] 2,733,623

[30] US (12/229,272) 2008-08-21

[30] US (12/315,754) 2008-12-03

[30] US (12/315,805) 2008-12-03

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[21] **2,837,400**
[13] A1

[51] **Int.Cl. A61K 31/44 (2006.01)**

[25] EN

[54] **5-(OPTIONALLY SUBSTITUTED PHENYL) PYRIDIN-2-YL COMPOUNDS AS METALLOENZYME INHIBITORS**

[54] **COMPOSES 5 (PHENYLE EVENTUELLEMENT SUBSTITUE) PYRIDINE 2 YL EN TANT QU'INHIBITEURS DE METALLOENZYME**

[72] HOEKSTRA, WILLIAM J., US

[72] SCHOTZINGER, ROBERT J., US

[72] RAFFERTY, STEPHEN WILLIAM, US

[71] VIAMET PHARMACEUTICALS, INC., US

[22] 2011-04-22

[41] 2011-10-27

[62] 2,792,950

[30] US (61/327,663) 2010-04-24

[21] **2,837,409**
[13] A1

[51] **Int.Cl. C02F 1/463 (2006.01)**

[25] EN

[54] **WASTEWATER TREATMENT APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE TRAITEMENT DES EAUX USEES**

[72] BOYLE, RANDALL J., CA

[72] DELUCA, RANDALL C., CA

[71] BOYDEL WASTEWATER TECHNOLOGIES INC., CA

[22] 2009-02-24

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[62] 2,747,555

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,837,648**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OFFLINE INDEXING OF CONTENT AND CLASSIFYING STORED DATA**
[54] **PROCEDE ET SYSTEME POUR UNE INDEXATION HORS LIGNE DE CONTENU ET UNE CLASSIFICATION DE DONNEES STOCKEES**
[72] GOKHALE, PARAG, US
[72] KOTTAMHARAYIL, RAJIV, US
[72] ATTARDE, DEEPAK RAGHUNATH, US
[72] AHN, JUN H., US
[72] PRAHLAD, ARNAND, US
[72] SCHWARTZ, JEREMY A., US
[72] NGO, DAVID, US
[72] BROCKWAY, BRIAN, US
[72] MULLER, MARCUS S., US
[71] COMMVAULT SYSTEMS, INC., US
[22] 2007-10-17
[41] 2008-04-24
[62] 2,664,284
[30] US (60/852584) 2006-10-17
[30] US (11/694869) 2007-03-30

[21] **2,837,910**
[13] A1

[51] **Int.Cl. H04N 21/6547 (2011.01) H04H 60/72 (2009.01)**
[25] EN
[54] **VIRTUAL CHANNEL TABLE FOR A BROADCAST PROTOCOL AND METHOD OF BROADCASTING AND RECEIVING BROADCAST SIGNALS USING THE SAME**
[54] **TABLE DE CANAUX VIRTUELS POUR PROTOCOLE DE RADIODIFFUSION ET METHODE D'EMISSION ET DE RECEPTION DE SIGNAUX DE RADIODIFFUSION A L'AIDE DE CETTE TABLE**
[72] KIM, JIN PIL, KR
[71] LG ELECTRONICS INC., KR
[22] 2000-10-06
[41] 2001-04-08
[62] 2,824,634
[30] KR (P1999-43508) 1999-10-08

[21] **2,837,939**
[13] A1

[51] **Int.Cl. F03B 3/12 (2006.01) E02B 9/08 (2006.01) F03B 13/22 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **TAPERED HELICAL AUGER TURBINE TO CONVERT HYDROKINETIC ENERGY INTO ELECTRICAL ENERGY**
[54] **TURBINE A VIS SANS FIN HELICOIDALE EFFILEE POUR CONVERTIR DE L'ENERGIE HYDROCINETIQUE EN ENERGIE ELECTRIQUE**
[72] ANDERSON, WINFIELD SCOTT, JR., US
[71] ANDERSON, WINFIELD SCOTT, JR., US
[22] 2009-09-25
[41] 2010-05-27
[62] 2,779,599
[30] US (61/116,540) 2008-11-20
[30] US (12/400,617) 2009-03-09

[21] **2,837,984**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLASSIFYING AND TRANSFERRING INFORMATION IN A STORAGE NETWORK**
[54] **SYSTEMES ET PROCEDES DESTINES A CLASSIFIER ET TRANSFERER DES INFORMATIONS DANS UN RESEAU DE STOCKAGE**
[72] PRAHLAD, ANAND, US
[72] SCHWARTZ, JEREMY A., US
[72] NGO, DAVID, US
[72] BROCKWAY, BRIAN, US
[72] MULLER, MARCUS S., US
[71] COMMVAULT SYSTEMS, INC., US
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[41] 2007-05-31
[62] 2,629,833
[30] US (60/740,686) 2005-11-28
[30] US (60/752,203) 2005-12-19

[21] **2,838,062**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/00 (2006.01) C12N 15/13 (2006.01) C12N 15/54 (2006.01) C12N 15/85 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ANTIBODY GLYCOSYLATION VARIANTS HAVING INCREASED ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY**
[54] **VARIANTS DE GLYCOSYLATION D'ANTICORPS PRESENTANT UNE CYTOTOXICITE CELLULAIRE ACCRUE DEPENDANTE DES ANTICORPS**
[72] JEAN-MAIRET, JOEL, CH
[72] UMANA, PABLO, CH
[72] BAILEY, JAMES E. (DECEASED), CH
[71] ROCHE GLYCART AG, CH
[22] 2002-08-05
[41] 2003-02-13
[62] 2,455,365
[30] US (60/309,516) 2001-08-03

[21] **2,838,089**
[13] A1

[51] **Int.Cl. A61K 31/59 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER COMPRISING THE ADMINISTRATION OF A VITAMIN D COMPOUND AND AN ADDITIONAL THERAPEUTIC AGENT, AND COMPOSITIONS CONTAINING THE SAME**
[54] **PROCEDES SERVANT A TRAITER UN CANCER CONSISTANT A ADMINISTRER UN COMPOSE DE LA VITAMINE D ET UN AGENT THERAPEUTIQUE SUPPLEMENTAIRE ET CONTENANT**
[72] AUERBACH, ALAN H., US
[72] BELLDEGRUN, ARIE S., US
[71] COUGAR BIOTECHNOLOGY, INC., US
[22] 2007-08-23
[41] 2008-02-28
[62] 2,661,546
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[21] **2,838,108**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/7036 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) A61P 11/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE OF ANTIINFECTIVES**
[54] **SUBSTANCES ANTI-INFECTIEUSES A LIBERATION LENTE**
[72] BONI, LAWRENCE T., US
[72] MILLER, BRIAN S., US
[72] MALININ, VLADIMIR, US
[72] LI, XINGONG, US
[71] INSMED INCORPORATED, US
[22] 2006-07-19
[41] 2007-01-25
[62] 2,614,764
[30] US (11/185,448) 2005-07-19

[21] **2,838,115**
[13] A1
[51] **Int.Cl. E21B 47/14 (2006.01) E21B 47/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACOUSTIC DATA TRANSMISSION IN A SUBTERRANEAN WELL**
[54] **METHODE ET APPAREILLAGE DE TRANSMISSION DE DONNEES ACOUSTIQUES DANS UN Puits DE FORAGE SOUTERRAIN**
[72] FINK, KEVIN D., US
[72] KYLE, DONALD, US
[72] FRIPP, MICHAEL L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2007-11-28
[41] 2008-06-04
[62] 2,729,349
[30] US (11/633,264) 2006-12-04

[21] **2,838,111**
[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A61K 9/127 (2006.01) A61K 31/7036 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) A61P 11/00 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **LIPID-BASED COMPOSITIONS OF ANTIINFECTIVES FOR TREATING PULMONARY INFECTIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS A BASE DE LIPIDE D'ANTI-INFECTIEUX POUR TRAITER DES INFECTIONS PULMONAIRES ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] WEERS, JEFF, US
[71] INSMED INCORPORATED, US
[22] 2006-12-05
[41] 2007-06-14
[62] 2,631,872
[30] US (60/748,468) 2005-12-08

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BASSET, MICHEL	2,615,182	BIOTEX, INC.	2,548,226	BOYD, AUSTIN	2,676,267
BATHIUM CANADA INC.	2,574,380	BIRMINGHAM, JAMES		BOYD, EWAN CAMPBELL	2,808,289
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BATTLES, DAVID J.	2,460,739	BLACKBERRY LIMITED	2,641,090	BRACKE, LIEVEN	2,781,916
BAUCHOT, FREDERIC	2,633,882	BLACKBERRY LIMITED	2,647,066	BRADKEN RESOURCES PTY	
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BAYER CROPSCIENCE AG	2,659,235	BLACKLOCK, JON	2,637,040	BRANNAMAN, RICK L.	2,647,081
BAYER CROPSCIENCE AG	2,785,921	BLACKLOCK, JON	2,637,301	BRATTON, TOM R.	2,654,730
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BAYLOT, MICHEL	2,714,637	BLANKENBORG, STEPHANUS		ROLAND	2,544,784
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KOENIG, SCOTT	2,430,039	LAM, KIEU	2,616,877	LI, CHUNHUNG	2,721,170
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INC.	2,504,671	UNITED STATES OF		TIGENIX N.V.	2,533,124
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AG	2,715,847	DEPARTMENT OF		TITAN SPINE, LLC	2,740,451
SYNGENTA PARTICIPATIONS		HEALTH AND HUMAN		TOKUNO, KIYONORI	2,738,272
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TAKAHASHI, NOBUAKI	2,719,598	THE PROCTER & GAMBLE		SEPARATOR FILM CO.,	
TAKEDA PHARMACEUTICAL		COMPANY	2,702,070	LTD.	2,630,800
COMPANY LIMITED	2,634,647	THE PROCTER & GAMBLE		TOYOSHIMA, KENICHIRO	2,719,091
TAKEDA, SHIGEKI	2,748,534	COMPANY	2,724,065	TOYOTA JIDOSHA	
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SERVICOS SOCIEDADE		UNIVERSITY OF		INC.	2,545,230
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TARDIF, PIERRE	2,647,406	THE REGENTS OF THE		TRENT, BRADLEY W.	2,647,081
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BOUSCHE, OLAF JEAN PAUL	2,820,827	DAWAR, ANNUPUM	2,821,346	GERVAIS-COUPLET, VERONIQUE	2,821,099
BOUSCHE, OLAF JEAN PAUL	2,820,828	DAY, DARYL DUANE	2,783,897	GHIBAUO, ELISE	2,820,829
BOXALL, RUSSELL	2,821,494	DE GRAAF, ARIEL	2,820,828	GILAO, DEKA	2,788,112
BREWER, PETER D.	2,815,482	DEERE & COMPANY	2,819,790	GONZALEZ SABIN, JAVIER	2,820,192
BRIDGES, ERIC	2,820,011	DEL AMO, ANA	2,819,686	GOROSHEVSKIY, VALERIAN	2,826,139
BRIGGS, GERALD EDWARD	2,783,250	DERENONCOURT, FRANCK	2,781,856	GRANGER, G. MICHAEL	2,815,482
BRIGNAC, JACQUES L.	2,821,086	DISCH, THOMAS R.	2,820,323	GRANOVSKY, DAVID	2,821,157
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BRITTON, DANIEL W.	2,790,657	DORSETT, PAUL WILLIAM	2,820,496	GRIMBERG, PER	2,821,083
BRITTON, DANIEL W.	2,791,083	DOWLING, BARRY	2,821,058	GUARDIA, REMO	2,824,958
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HALLIBURTON ENERGY SERVICES, INC.	2,821,127	JORDAN, PETER G.	2,783,598	LUCAS, ROBERT E.	2,821,086
HAMMERLE, JURGEN	2,820,805	JUTRAS, SYLVAIN	2,821,157	MACARTHUR, JIM	2,821,005
HANDI PRODUCTS, INC.	2,820,323	KAMAEVA, SVETLANA	2,826,139	MACKLER, JOSH	2,813,310
HANDRO, ANDREAS	2,820,973	KANG, JIYOUNG	2,818,248	MARATHON OIL SANDS L.P.	2,821,079
HANSEN, JORGEN P.	2,797,506	KATES, JOSEF	2,820,657	MARATHON OIL SANDS L.P.	2,821,082
HANSON, DEAN DAVID	2,819,913	KATES, LOUIS	2,820,657	MARCOS, JOSEPH B.	2,783,353
HARRIS CORPORATION	2,819,645	KATZ, MARSHALL JOSEPH	2,821,190	MAXI-THERME INC.	2,783,042
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HIGH SEC LABS LTD.	2,820,981	KIM, DAESUNG	2,818,248	MEYER, JOHN ANTON	2,819,657
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HODGKINSON, GERALD	2,820,466	KIM, SEUNG HOON	2,820,177	MIKLI, NORBERT	2,821,294
HOGENDOORN, CORNELIS JOHANNES	2,820,827	KIM, SOO HONG	2,820,177	MIN, JUNG KI	2,820,177
HOGENDOORN, CORNELIS JOHANNES	2,820,828	KIMBER, RYAN	2,783,489	MOELLER, ROY P.	2,808,713
HOLT, TIMOTHY G.	2,800,890	KING, RAY	2,783,166	MONTAG, AVRAM DAN	2,820,558
HONEYWELL INTERNATIONAL INC.	2,820,011	KING, RAY	2,793,130	MONTAN, NILS JOHAN PETTER	2,821,076 2,820,192
HONEYWELL INTERNATIONAL INC.	2,820,318	KOCSIS, EUGENE	2,783,193	MORIS VARAS, FRANCISCO	2,820,192
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HORNBACHER, BARRY GARRIETT	2,820,167	KOVAR, PETR	2,821,148	MUHL, WOLFGANG	2,820,929
HOUSE, PETER KIRKWOOD	2,821,082	KRIECH, ANTHONY	2,820,167	MUNTEAN, FELICIAN	2,808,713
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HUNGERFORD, SEAN	2,821,346	KROHNE AG	2,820,828	NG, CHERYL	2,783,191
IFP ENERGIES NOUVELLES	2,821,099	KUANG, WENXING	2,783,349	NORDOCS TECHNOLOGIES, INC.	2,820,493 2,820,493
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INTRAGRAIN TECHNOLOGIES INC.	2,820,103	LACH, RAYMOND	2,783,042	NOSHO, BRETT	2,815,482
INVODANE ENGINEERING LTD.	2,793,198	LAMBALOT, ROBERT E. JR.	2,800,890	NOVA CHEMICALS CORPORATION	2,797,489 2,820,994
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JACKSON, RONALD EDWARD, JR.	2,820,296	LAURSEN, PAUL	2,793,198	OTTS, DANIEL B.	2,821,191
		LEE, BOYOUNG	2,818,248	OURADA, PAUL E.	2,820,833
		LEE, CHOONGHO	2,820,819	OWENS CORNING INTELLECTUAL CAPITAL, LLC	2,820,167
		LEE, HSIN CHIN	2,820,819	PALLY, SEBASTIEN	2,820,520
		LEE, SEUNG JUN	2,820,177	PALMER, JODY HUPTON	2,820,994
		LEFOULON, FRANCOIS	2,820,192	PANTUSA, ELISABETTA	2,783,224
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		LES LABORATOIRES SERVIER	2,820,192	PARKES, NIGEL K.	2,821,494
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		LI, GUIFENG	2,821,189	PASQUERO, JEROME	2,820,997
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PGS GEOPHYSICAL AS	2,818,817	SHAPIRO, STANLEY	2,820,493	TYCO ELECTRONICS RAYCHEM GMBH	2,821,294
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PORS, JAN TEUNIS AART	2,820,828	SHEPARD, DANIEL R.	2,783,664	VISTICA, DAN D.	2,783,803
POTTS, TERENCE SCOTT	2,820,496	SIBTAIN, FAZLE	2,797,489	VOLCHEK, KONSTANTIN	2,783,349
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PURDY, MICHAEL LORNE	2,820,819	SINGH, PARAMJIT	2,790,536	WANZL METALLWARENFABRIK GMBH	2,820,805
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RACENET, DAVID C.	2,821,017	SMITH, DAVID	2,819,939	WEHRMANN, CHRISTOPHER	2,820,973
RAMONDT, JAN-WILLEM	2,820,826	SMITH, SCOTT S.	2,819,654	WHAM, ROBERT H.	2,820,833
RAMONDT, JAN-WILLEM	2,820,828	SOFFER, AVIV	2,820,981	WHITNEY, RYAN MATTHEW	2,819,645
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RESEARCH IN MOTION LIMITED	2,820,819	SONY CORPORATION	2,819,660	WHITNEY, RYAN MATTHEW	2,820,296
RESEARCH IN MOTION LIMITED	2,820,973	SONY PICTURES TECHNOLOGIES INC.	2,819,660	WIESSNER, RANDY ALAN	2,821,190
RESEARCH IN MOTION LIMITED	2,820,997	SPLENDORE, MAURIZIO A.	2,808,713	WINTER, KEN	2,783,350
RESEARCH IN MOTION LIMITED	2,821,076	STENGLER, MATTHEW	2,790,657	WINTER, ROGER	2,783,350
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		TOMAZINIS, CALEB	2,819,654	ZOETEWEIF, MARCO LEENDERT	2,820,828
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BASF SE	2,837,793	BERNI, TIAGO VALENTIM	2,837,899	GMBH	2,838,599
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BASF SE	2,838,329	BESADA PEREZ, VLADIMIR		TRANSPORTATION	
BASF SE	2,838,332	ARMANDO	2,838,496	GMBH	2,838,627
BASF SE	2,838,545	BESTWICK, NATHAN		BOMBARDIER	
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DSM IP ASSETS B.V.	2,838,476	ENGEL, ROLAND	2,838,398	FLENER, MICHAEL	2,837,837
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DXUPCLOSE	2,838,335	F. HOFFMANN-LA ROCHE AG	2,837,957	FRANZOI, ERIC	2,838,345
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JACKELS, HANS ADOLF	2,838,432	JUNG, SUNG YOUB	2,838,503	KIM, BYUNG-CHUL	2,837,561
JACOBSEN, MIKKEL FOG	2,837,820	JUNG, SUNG YOUB	2,838,504	KIM, DAE JIN	2,837,851
JACQUEMONT, JACKY	2,838,307	JUNG, YOUNG SIK	2,838,680	KIM, DAE JIN	2,838,504
JAEGER, CHRISTIANE	2,837,975	JUNG, YOUNG SIK	2,838,703	KIM, HAE SOO	2,838,680
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MODY, ISTVAN	2,837,818	NARQUIZIAN, ROBERT	2,837,797	NIU, QINGSHAN JASON	2,838,316
MOESSNER, EKKEHARD	2,837,975	NASH, ANDREW DONALD	2,838,246	NIU, XIAOLU	2,838,274
MOGHE, AJIT K.	2,838,065	NASR, TAWFIK N.	2,837,708	NOBLE, DEBORAH JANE	2,837,035
MOHANTY, BIBHU PRASAD	2,838,245	NASR-EL-DIN MAHMOUD,		NOCK, ANDREW P.	2,837,825
MOHLER, EMILE R.	2,838,436	MOHAMED AHMED	2,838,297	NOLAN, JOHN	2,837,047
MOKANDER, JURGEN	2,838,258	NASR-EL-DIN, HISHAM	2,838,297	NORTH, CHARLES	
MOLDENHAUER, JANA	2,838,442	NASR-EL-DIN, HISHAM	2,838,299	CHRISTOPHER	2,838,011
MOMENTIVE PERFORMANCE		NATIONAL INSTITUTE OF		NORTHROP GRUMMAN	
MATERIALS INC.	2,838,343	ADVANCED INDUSTRIAL		SYSTEMS CORPORATION	2,837,896
MONARTH, ANDREAS	2,838,635	SCIENCE AND		NOVARTIS AG	2,837,852
MONDINO, MAURO	2,838,626	TECHNOLOGY	2,838,112	NOVARTIS AG	2,837,892
MONNINGHOFF, JULIA	2,837,800	NATIONAL INSTITUTE OF		NOVARTIS AG	2,838,029
MOOBERRY, SUSAN L.	2,838,401	RADIOLOGICAL		NOVARTIS AG	2,838,242
MOONEY, DAVID J.	2,838,125	SCIENCES	2,838,630	NOVARTIS AG	2,838,478
MOORE, JONNI S.	2,838,436	NATIONWIDE CHILDREN'S		NOVO NORDISK A/S	2,838,220
MOORE, KYLE P.	2,837,825	HOSPITAL, INC.	2,838,488	NOVO NORDISK A/S	2,838,497
MOORE, PATRICIA A.	2,838,722	NAUMANN, REINER	2,837,907	NOVOMATIC AG	2,837,762
MORALES, ERICSON	2,838,261	NAVALE, RAHUL LAXMAN	2,838,547	NTT DOCOMO, INC.	2,837,542
MORAN, DAVID P.	2,838,342	NAVRATIL, TOMAS	2,838,529	NYE, THOMAS E.	2,837,832
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JOSEPH	2,837,790	NESTEC S.A.	2,838,461	OBRECHT, DANIEL	2,838,037
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MUONA, JOUKO	2,837,905	NEXTER SYSTEMS	2,838,307	OHTAKE, NAOTAKA	2,837,844
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PARK, YOUNG JIN	2,838,503	PHILIP MORRIS PRODUCTS		OF TECHNOLOGY	2,838,043
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SELENIUM, LTD.	2,838,696	HARIHARAN	2,838,502	STAMM, SIMON	2,838,640
SELLMAN, BRET	2,838,211	SIWEK, AGATA MAGDALENA	2,838,321	STAMPS, FRANK B.	2,838,512
SELSTED, MICHAEL E.	2,837,858	SK GLOBAL CHEMICAL CO.,		STAPLETON, WILLIAM A.	2,838,335
SEME, STEVEN J.	2,838,047	LTD.	2,838,097	STARPHARMA PTY LTD	2,837,979
SENTEHEART, INC.	2,838,539	SK GLOBAL CHEMICAL CO.,		STATOIL PETROLEUM AS	2,838,617
SERCEL	2,838,060	LTD.	2,838,327	STC.UNM	2,838,267
SEROV, ALEXEY	2,838,267	SK INNOVATION CO., LTD.	2,838,097	STEACH, JEREMY KENNETH	2,838,082
SERPEAULT, JEROME	2,838,307	SK INNOVATION CO., LTD.	2,838,327	STEDMAN, DONALD H.	2,837,999
SERUMWERK BERNBURG AG	2,837,784	SKINNER, NEAL G.	2,837,859	STEELE, DAVID JOE	2,837,951
SERVADIO, MAURIZIO	2,838,456	SKRZYPCZAK, MATHIEU	2,838,066	STEINER, KARL	2,838,283
SHAIKH, SOHEL K.	2,838,235	SLING MEDIA PVT LTD	2,838,021	STELLE, RALEIGH BENTON,	
SHAPIRO, OFER	2,838,067	SLOAN, JESSICA	2,837,981	IV	2,838,236
SHARBEL, TIMOTHY	2,837,785	SMART IMPULSE	2,838,672	STEUERNAGEL, ARND	2,837,804
SHARMA, SHARAD	2,838,188	SMARTWATER LIMITED	2,838,440	STEUERNAGEL, ARND	2,837,875
SHARON, RAN	2,838,067	SMITH & NEPHEW PLC	2,838,058	STEVENSON, CHERI A.	2,837,840
SHARP, THAD TYSON	2,837,852	SMITH & NEPHEW, INC.	2,837,872	STOKS, ELMO BENSON	2,838,011
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SHELDRIK, JONATHAN	2,838,114	SNECMA	2,837,829	MCLEOD	2,837,978
SHEN, LING AI	2,838,503	SNECMA	2,838,178	STRANDBURG, GARY M.	2,838,291
SHEPHARD, RICHARD		SNECMA	2,838,417	STRANDBURG, GARY M.	2,838,304
WILLIAM	2,838,240	SNECMA	2,838,421	STRANIMAIER, ARNO	2,837,888
SHIBUYA, TAKASHI	2,838,581	SNECMA	2,838,670	STRATULATE, GARY	2,838,042
SHIDARA ZENICHIRO	2,838,630	SNOECK, VEERLE	2,837,998	STRAUSS, BRIAN M.	2,837,879
SHIMIZU HISAYOSHI	2,838,630	SOCRA SCIENCES ET GENIE		STRIETER, FREDERICK J.	2,838,335
SHIMIZU, TOMO	2,838,319	S.E.C.	2,838,268	STUMMER, MANFRED	2,838,012
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SHIRAKAWA YOSHIYUKI	2,838,630	SONY CORPORATION	2,838,471	SUDOU, TSUGIO	2,838,090
SHIRE HUMAN GENETIC		SONY CORPORATION	2,838,597	SUGIMOTO, KOJI	2,837,060
THERAPIES, INC.	2,838,063	SONY CORPORATION	2,838,605	SULLIVAN, JASON A.	2,838,678
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THERAPIES, INC.	2,838,069	SONY CORPORATION	2,838,616	SULLIVAN, JASON A.	2,838,687
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SICKING, FRANK	2,838,546	SORENSEN, KIM	2,837,884	SUMITOMO CHEMICAL	
SICPA HOLDING SA	2,837,988	SOUSA, AUDREY YUNG CHIN	2,838,279	COMPANY, LIMITED	2,838,642
SICPA HOLDING SA	2,838,430	SPAI GROUP LTD.	2,838,311	SUMITOMO METAL MINING	
SICPA HOLDING SA	2,838,626	SPANRING, JULIA	2,838,606	CO., LTD.	2,837,834
SICPA HOLDING SA	2,838,629	SPEAR, KERRY L.	2,837,883	SUMITOMO SEIKA	
SIDEN, HANS	2,838,039	SPENCER, MICHAEL R.	2,838,618	CHEMICALS CO., LTD.	2,838,112
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SIENA BIOTECH S.P.A.	2,838,331	SPRUYT, DELPHINE	2,838,480	PHARMACEUTICALS,	
SIGNORELLI, RICCARDO	2,838,557	SPRUYT, DELPHINE	2,838,490	INC.	2,837,883
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SYNGENTA LIMITED	2,837,790	THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY	2,838,186	REPRESENTED BY THE SECRETARY, DEPARTMENT OF	
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SYNGENTA PARTICIPATIONS AG	2,838,045	THE BOEING COMPANY	2,838,189	REPRESENTED BY THE SECRETARY, DEPARTMENT OF	
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TAKANO, HIROAKI	2,838,040	REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF		THIEL, NORBERT	2,837,954
TAKAOKA, MOTOKI	2,837,853	HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION	2,838,091	THIEL, NORBERT	2,837,973
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TAKENOUCHI, TAKAO	2,837,848	THE JOHNS HOPKINS UNIVERSITY	2,838,269	THOMAS, JOSHUA D.	2,837,840
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TAMARGO GARCIA, FRANCISCO JOSE	2,821,752	THE PROCTER & GAMBLE COMPANY	2,838,032	THOMPSON, MARTIN	2,838,656
TAMATSU, YOSHIJI	2,837,836	THE PROCTER & GAMBLE COMPANY	2,838,183	THOMPSON, TRAVIS	2,838,465
TAMI-LIZUZU, JOSEPH	2,838,178	THE PROCTER & GAMBLE COMPANY	2,838,398	THOMPSON, TRAVIS	2,838,701
TAN, DANIEL BRIAN	2,837,754	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,837,818	THOMSON, NIALL RAE	2,837,790
TAN, EK KIA	2,837,878	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,837,858	THOMSON, NIALL RAE	2,837,891
TANAKA, SATORU	2,838,318	THE REGENTS OF THE UNIVERSITY OF COLORADO	2,838,226	THURNHAM, DAVID	2,837,047
TANDEMSEVEN, INC.	2,838,283	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2,837,995	TIPON, POLYAMIE	2,837,813
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TANG, YONG	2,837,888			TIRTOWIDJOJO, MAX MARKUS	2,837,956
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TARNOWSKI, LAURENT	2,838,686			TISSUETECH, INC.	2,837,878
TARRANT, COLIN DAVID	2,837,986			TOBA, KAZUAKI	2,838,605
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TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	2,838,277			TOTAL SA	2,837,788
				TOTAL SA	2,837,789
				TOTAL SA	2,837,791

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