Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 141 No. 36 September 3, 2013 Vol. 141 No. 36 le 3 septembre 2013

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

Table of Contents
Table des matières

Notices

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

Avis

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'indentification 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**).

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. 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

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. 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.

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.

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. 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.

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 peut être 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. 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.

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. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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 However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*.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

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. 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).

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

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

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

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

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

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

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

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

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

Preliminary Examination

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

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

* International fees will be reduced by:

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

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

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

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

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

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

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; 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, Quebec.

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*.

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.

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.

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:

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 :

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

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.*

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 statuaire)
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

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.*

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.*

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 corrspondence.

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 crédit.

Téléchargez le formulaire de paiements.

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
   Édifice 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.

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.

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. 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.

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.

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.

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 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.

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'envoie. 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.

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.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyés 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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Topographies de circuits integers

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 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.

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.

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.

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.

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.

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.

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

Pursuant to PCT Rules 89*bis* 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.

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

Conformément aux Règles 89*bis* 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.

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 de 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.

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.

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.

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 ½" by 11";
- Resolution of 300 dpi.

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.

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 September 3, 2013 contains applications open to public inspection from August 18, 2013 to August 24, 2013.

Photographies en format JPEG :

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

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

5. Renseignements généraux

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

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 3 septembre 2013 contient les demandes disponibles au public pour consultation pour la période du 18 août 2013 au 24 août 2013.

Canadian Patents Issued

September 3, 2013

Brevets canadiens délivrés

3 septembre 2013

---

[11] **2,241,564**
[13] C
[51] **Int.Cl. C12N 15/16 (2006.01) A61K 38/19 (2006.01) A61K 38/22 (2006.01) A61K 39/395 (2006.01) C07K 1/22 (2006.01) C07K 14/575 (2006.01) C07K 14/715 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) C07K 17/08 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) G01N 33/566 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **WSX RECEPTOR AND LIGANDS**
[54] **RECEPTEUR ET LIGANDS WSX**
[72] BENNETT, BRIAN, US
[72] CARTER, PAUL J., US
[72] CHIANG, NANCY Y., US
[72] KIM, KYUNG JIN, US
[72] MATTHEWS, WILLIAM, US
[72] RODRIGUES, MARIA L., US
[73] GENENTECH, INC., US
[85] 1998-06-24
[86] 1997-01-07 (PCT/US1997/000325)
[87] (WO1997/025425)
[30] US (08/585005) 1996-01-08
[30] US (08/667197) 1996-06-20

---

[11] **2,245,877**
[13] C
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 38/22 (2006.01) A61K 38/24 (2006.01) A61K 47/48 (2006.01) C07K 14/575 (2006.01) C07K 14/59 (2006.01) C07K 14/705 (2006.01) C07K 14/715 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/16 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **HYBRID PROTEINS WHICH FORM HETERODIMERS**
[54] **PROTEINES HYBRIDES FORMANT DES HETERODIMERES**
[72] CAMPBELL, ROBERT K., US
[72] JAMESON, BRADFORD A., US
[72] CHAPPEL, SCOTT C., US
[73] MERCK SERONO SA, CH
[85] 1998-08-13
[86] 1997-02-20 (PCT/US1997/002315)
[87] (WO1997/030161)
[30] US (60/011,936) 1996-02-20

---

[11] **2,333,931**
[13] C
[51] **Int.Cl. A61K 39/085 (2006.01) C07H 3/06 (2006.01) C07H 5/06 (2006.01) C07H 11/00 (2006.01) C07H 13/12 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **POLYSACCHARIDE VACCINE FOR STAPHYLOCOCCAL INFECTIONS**
[54] **VACCIN DE POLYSACCHARIDE CONTRE LES INFECTIONS A STAPHYLOCCOQUES**
[72] PIER, GERALD B., US
[72] MCKENNEY, DAVID, US
[72] WANG, YING, US
[73] BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2001-01-12
[86] 1999-07-15 (PCT/US1999/016129)
[87] (WO2000/003745)
[30] US (60/093,117) 1998-07-15

---

[11] **2,377,515**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) C12N 5/071 (2010.01) C12N 5/073 (2010.01) C12N 5/075 (2010.01) C12N 15/873 (2010.01) C12N 5/12 (2006.01) C12N 5/16 (2006.01) C12N 5/22 (2006.01) C12N 5/26 (2006.01) C12N 5/28 (2006.01) C12N 15/02 (2006.01) C12N 15/07 (2006.01) C12N 15/08 (2006.01) C12N 15/09 (2006.01) C12N 15/87 (2006.01) A61K 35/12 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **CYTOPLASMIC TRANSFER TO DE-DIFFERENTIATE RECIPIENT CELLS**
[54] **TRANSFERT CYTOPLASMIQUE PERMETTANT DE REDUIRE LA DIFFERENTIATION DE CELLULES RECEVEUSES**
[72] CHAPMAN, KAREN B., US
[73] ADVANCED CELL TECHNOLOGY, INC., US
[85] 2001-12-20
[86] 2000-06-30 (PCT/US2000/018063)
[87] (WO2001/000650)
[30] US (60/141,250) 1999-06-30

---

[11] **2,382,307**
[13] C
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01)**
[25] FR
[54] **METHOD TO FACILITATE MONITORING OVER TIME OF SUBSURFACE AREA CHANGES THROUGH COMPARATIVE ANALYSIS OF VARIOUS SETS OF SEISMIC RECORDINGS**
[54] **METHODE POUR FACILITER LE SUIVI AU COURS DU TEMPS DE L'EVOLUTION D'UNE ZONE SOUTERRAINE PAR ANALYSE COMPAREE DE DIFFERENTS JEUX D'ENREGISTREMENTS SISMIQUES**
[72] FOURNIER, FREDERIQUE, FR
[72] LUCET, NATHALIE, FR
[73] INSTITUT FRANCAIS DU PETROLE, FR
[86] (2382307)
[87] (2382307)
[22] 2002-04-25
[30] FR (01/05.675) 2001-04-27

---

[11] **2,386,810**
[13] C
[51] **Int.Cl. A61K 8/84 (2006.01) A61K 8/02 (2006.01) A61K 9/70 (2006.01) A61K 31/785 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **ELECTROSPUN SKIN MASKS AND USES THEREOF**
[54] **MASQUES DERMATOLOGIQUES ELECTROSTATIQUEMENT FILES ET LEURS UTILISATIONS**
[72] SMITH, DANIEL, US
[72] RENEKER, DARRELL, US
[72] KATAPHINAN, WORAPHON, US
[72] DABNEY, SALLY, US
[73] THE UNIVERSITY OF AKRON, US
[85] 2002-04-05
[86] 2000-10-06 (PCT/US2000/027775)
[87] (WO2001/026610)
[30] US (60/158,674) 1999-10-08

[11] **2,388,861**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF TREATING ABNORMAL TISSUE IN THE HUMAN ESOPHAGUS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE TISSUS ANORMAUX DANS L'OESOPHAGE HUMAIN**
[72] GANZ, ROBERT A., US
[72] STERN, ROGER A., US
[72] ZELICKSON, BRIAN D., US
[73] COVIDIEN LP, US
[85] 2002-05-15
[86] 2000-11-16 (PCT/US2000/031561)
[87] (WO2001/035846)
[30] US (60/165,687) 1999-11-16

---

[11] **2,390,560**
[13] C
[51] **Int.Cl. H01L 31/02 (2006.01) G02B 5/32 (2006.01) H01L 31/04 (2006.01)**
[25] EN
[54] **MULTIPLE WAVELENGTH QUADRANT DETECTION**
[54] **SYSTEME DE DETECTION DE QUADRANT A LONGUEURS D'ONDES MULTIPLES**
[72] KIMBER, PAUL KEVIN, GB
[73] SELEX ES LTD, GB
[86] (2390560)
[87] (2390560)
[22] 2002-07-23
[30] GB (0119603.9) 2001-08-13

---

[11] **2,392,111**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01K 67/033 (2006.01) C07K 14/435 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **BIOLOGICAL CONTROL BY CONDITIONAL DOMINANT LETHAL GENETIC SYSTEM**
[54] **LUTTE BIOLOGIQUE A L'AIDE D'UN SYSTEME GENETIQUE LETAL DOMINANT CONDITIONNEL**
[72] ALPHEY, LUKE, GB
[72] THOMAS, DEAN, GB
[73] ISIS INNOVATION LIMITED, GB
[85] 2002-05-28
[86] 2000-11-29 (PCT/GB2000/004541)
[87] (WO2001/039599)
[30] GB (9928181.8) 1999-11-29

---

[11] **2,398,277**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61K 39/00 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **THE USE OF COPOLYMER 1 AND RELATED PEPTIDES AND POLYPEPTIDES AND T CELLS TREATED THEREWITH FOR PROTECTING CNS CELLS FROM GLUTAMATE TOXICITY**
[54] **UTILISATION DE COPOLYMERE 1 ET DE PEPTIDES ET POLYPEPTIDES CONNEXES ET CELLULES T TRAITEES A L'AIDE DE CES PRODUITS POUR PROTEGER DES CELLULES DU SYSTEME NERVEUX CENTRAL DE LA TOXICITE DU GLUTAMATE**
[72] EISENBACH-SCHWARTZ, MICHAL, IL
[72] YOLES, ETI, IL
[72] KIPNIS, JONATHAN, IL
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2002-07-16
[86] 2001-01-22 (PCT/US2001/002118)
[87] (WO2001/093893)
[30] US (60/209,799) 2000-06-07
[30] US (09/620,216) 2000-07-20

---

[11] **2,400,428**
[13] C
[51] **Int.Cl. A01N 43/80 (2006.01) A01C 1/06 (2006.01) A01N 25/30 (2006.01) A01N 37/36 (2006.01) A01N 43/36 (2006.01) A01N 63/00 (2006.01)**
[25] EN
[54] **INOCULANT TOLERANT FUNGICIDAL COMPOSITIONS**
[54] **COMPOSITIONS FONGICIDES TOLERANTES ET INOCULANTES**
[72] MERRITT, DOUTHITT PRUITT, US
[72] SCHLATTER, CHRISTIAN, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2002-08-15
[86] 2001-02-16 (PCT/EP2001/001745)
[87] (WO2001/060159)
[30] US (09/506,765) 2000-02-18

---

[11] **2,412,581**
[13] C
[51] **Int.Cl. C07H 21/04 (2006.01) C12N 5/0789 (2010.01) C12N 15/113 (2010.01) A61K 31/7125 (2006.01) A61K 35/12 (2006.01) C12N 15/11 (2006.01) C12N 15/85 (2006.01) A61K 48/00 (2006.01) C07K 14/495 (2006.01)**
[25] EN
[54] **TRANSFORMING GROWTH FACTOR BETA (TGF-.BETA.) BLOCKING AGENT-TREATED STEM CELL COMPOSITION AND METHOD**
[54] **TRANSFORMATION D'UNE COMPOSITION DE CELLULES SOUCHES TRAITEES A L'AIDE D'UN AGENT DE BLOCAGE DU FACTEUR DE CROISSANCE (TGF-.BETA.) ET PROCEDE CORRESPONDANT**
[72] BARTELMEZ, STEPHEN H., US
[72] IVERSEN, PATRICK L., US
[73] SAREPTA THERAPEUTICS, INC., US
[85] 2002-12-19
[86] 2001-07-06 (PCT/US2001/021420)
[87] (WO2002/004479)
[30] US (60/216,256) 2000-07-06

---

[11] **2,421,865**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 14/72 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **OLFACTORY AND PHEROMONES G-PROTEIN COUPLED RECEPTORS**
[54] **RECEPTEURS COUPLES A UNE PROTEINE G OLFACTIVE ET DE PHEROMONES**
[72] VEITHEN, ALEX, BE
[73] CHEMCOM S.A., BE
[85] 2003-03-24
[86] 2001-09-21 (PCT/BE2001/000162)
[87] (WO2002/024726)
[30] EP (00870211.0) 2000-09-22

[11] **2,428,798**
[13] C
[51] **Int.Cl. C12N 15/55 (2006.01) A61K 31/7088 (2006.01) A61K 38/46 (2006.01) A61K 48/00 (2006.01) C07H 21/00 (2006.01) C12N 1/21 (2006.01) C12N 9/12 (2006.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12Q 1/44 (2006.01) C12Q 1/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **FEN-1 ENDONUCLEASES FROM ARCHAEOGLOBUS VENEFICUS**
[54] **ENDONUCLEASES FEN-1 A PARTIR D'ARCHEOGLOBUS VENIFICUS**
[72] LYAMICHEV, VICTOR I., US
[72] KAISER, MICHAEL W., US
[72] LYAMICHEVA, NATASHA, US
[73] THIRD WAVE TECHNOLOGIES, INC., US
[85] 2003-05-13
[86] 2001-11-15 (PCT/US2001/044953)
[87] (WO2002/070755)
[30] US (09/713,601) 2000-11-15
[30] US (09/714,935) 2000-11-17

[11] **2,432,624**
[13] C
[51] **Int.Cl. G01N 1/10 (2006.01) A61B 5/00 (2006.01) A61B 5/15 (2006.01) G01N 21/78 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **SENSOR WITH INTEGRATED LANCET**
[54] **CAPTEUR AVEC LANCETTE INTEGREE**
[72] VREEKE, MARK S., US
[72] CHARLTON, STEVEN C., US
[72] MCCLEARY, ALAN R., US
[72] FLORA, BRUCE A., US
[73] BAYER HEALTHCARE, LLC, US
[86] (2432624)
[87] (2432624)
[22] 2003-06-17
[30] US (60/391,108) 2002-06-25

[11] **2,434,917**
[13] C
[51] **Int.Cl. C10M 141/10 (2006.01) C10M 133/00 (2006.01) C10M 137/04 (2006.01) C10M 137/08 (2006.01) C10M 157/08 (2006.01) C10M 163/00 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING WEAR IN INTERNAL COMBUSTION ENGINES LUBRICATED WITH A LOW PHOSPHORUS CONTENT LUBRICATING OIL**
[54] **METHODES ET COMPOSITIONS POUR REDUIRE L'USURE DANS LES MOTEURS A COMBUSTION INTERNE LUBRIFIES AVEC DES HUILES A FAIBLE TENEUR EN PHOSPHORE**
[72] BOFFA, ALEXANDER B., US
[73] CHEVRON ORONITE COMPANY LLC, US
[86] (2434917)
[87] (2434917)
[22] 2003-07-09
[30] US (10/212,027) 2002-08-01

[11] **2,441,444**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) A01K 67/027 (2006.01) C07K 14/705 (2006.01) C07K 14/72 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **NOVEL ECDYSONE RECEPTOR/INVERTEBRATE RETINOID X RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM**
[54] **NOUVEAU SYSTEME D'EXPRESSION GENETIQUE INDUCTIBLE BASE SUR LE RECEPTEUR D'ECDYSONE/RECEPTEUR DE RETINOIDE X INVERTEBRE**
[72] PALLI, SUBBA REDDY, US
[72] KAPITSKAYA, MARIANNA ZINOVJEVNA, US
[73] INTREXON CORPORATION, US
[85] 2003-08-11
[86] 2002-02-20 (PCT/US2002/005235)
[87] (WO2002/066613)
[30] US (60/269,799) 2001-02-20
[30] US (60/294,814) 2001-05-31

[11] **2,451,307**
[13] C
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/2365 (2011.01) H04N 7/08 (2006.01) H04N 7/12 (2006.01)**
[25] EN
[54] **MULTI-VIDEO RECEIVING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE RECEPTION MULTI-VIDEO**
[72] ARSENEAU, MARC, CA
[73] KANGAROO MEDIA, INC., CA
[85] 2003-12-19
[86] 2002-05-22 (PCT/CA2002/000757)
[87] (WO2002/096097)
[30] CA (2,348,353) 2001-05-22

[11] **2,459,726**
[13] C
[51] **Int.Cl. G06K 5/00 (2006.01) G07F 7/08 (2006.01) G07F 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATED CIRCUIT CARD DATA STORAGE**
[54] **SYSTEME ET PROCEDE POUR STOCKAGE DE DONNEES SUR CARTE A CIRCUIT INTEGRE**
[72] REYNOLDS, CHARLES WILLIAM, US
[72] NARDONE, CHRISTOPHER MICHAEL, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2004-03-12
[86] 2002-10-07 (PCT/US2002/031967)
[87] (WO2003/032116)
[30] US (60/327,457) 2001-10-05

[11] **2,459,807**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) C07K 14/705 (2006.01) C07K 14/71 (2006.01) C07K 16/28 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/566 (2006.01) C12N 15/16 (2006.01)**
[25] EN
[54] **WHITEFLY ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**
[54] **ACIDES NUCLEIQUES, POLYPEPTIDES DU RECEPTEUR DE L'ECDYSONE DES ALEYRODIDAE ET UTILISATIONS CES DERNIERS**
[72] ZHANG, JIANZHONG, US
[72] CRESS, DEAN ERVIN, US
[72] PALLI, SUBBA REDDY, US
[72] DHADIALLA, TARLOCHAN SINGH, US
[73] INTREXON CORPORATION, US
[85] 2004-03-05
[86] 2002-02-20 (PCT/US2002/005234)
[87] (WO2003/027266)
[30] US (60/325,534) 2001-09-26

[11] **2,459,827**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) C12N 15/63 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/567 (2006.01)**
[25] EN
[54] **LEAFHOPPER ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**
[54] **ACIDES NUCLEIQUES DU RECEPTEUR A L'ECDYSONE DE LA CICADELLE, POLYPEPTIDES, ET UTILISATION DE CEUX-CI**
[72] PALLI, SUBBA REDDY, US
[73] INTREXON CORPORATION, US
[85] 2004-03-05
[86] 2002-02-20 (PCT/US2002/005026)
[87] (WO2003/027289)
[30] US (60/325,096) 2001-09-26

[11] **2,464,372**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) C07K 16/00 (2006.01) C07K 16/24 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **FUNCTIONAL HEAVY CHAIN ANTIBODIES, FRAGMENTS THEREOF, LIBRARY THEREOF AND METHODS OF PRODUCTION THEREOF**
[54] **ANTICORPS FONCTIONNELS A CHAINE LOURDE, FRAGMENTS DE CES DERNIERS, BIBLIOTHEQUE DE CES DERNIERS ET PROCEDES DE PRODUCTION**
[72] MUYLDERMANS, SERGE, BE
[72] NGUYEN, VIET KHONG, VN
[73] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE
[85] 2004-04-21
[86] 2002-07-12 (PCT/EP2002/007804)
[87] (WO2003/035694)
[30] EP (01204037.4) 2001-10-24
[30] US (60/335,054) 2001-10-24
[30] JP (2002/004184) 2002-01-11

[11] **2,467,529**
[13] C
[51] **Int.Cl. G06K 9/62 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **IMAGE IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION D'IMAGES**
[72] WENDT, BARRY M., US
[72] LACOUS, MIRA K., US
[72] ZARM, GARY L., US
[72] WITTIG, BENEDICT (DECEASED), US
[73] BIO-KEY INTERNATIONAL, INC., US
[85] 2004-05-17
[86] 2002-11-15 (PCT/US2002/036934)
[87] (WO2003/044725)
[30] US (09/991,589) 2001-11-16

[11] **2,469,067**
[13] C
[51] **Int.Cl. G01V 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR CORRELATING WELL LOGS**
[54] **PROCEDE DE CORRELATION DE DIAGRAPHIES DE FORAGE**
[72] JEFFRYES, BENJAMIN PETER, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2004-06-02
[86] 2002-12-05 (PCT/GB2002/005486)
[87] (WO2003/050570)
[30] GB (0129794.4) 2001-12-13

[11] **2,471,604**
[13] C
[51] **Int.Cl. H04L 9/00 (2006.01) G06F 11/30 (2006.01) G06F 12/14 (2006.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **MULTIPLE TRUST MODES FOR HANDLING DATA**
[54] **MODES DE CONFIANCE MULTIPLES POUR TRAITEMENT DE DONNEES**
[72] SOKOLIC, JEREMY N., US
[72] DHEER, SANJEEV, US
[72] DILIP, VENKATACHARI, US
[73] CASHEDGE INC., US
[85] 2004-06-16
[86] 2003-01-08 (PCT/US2003/000664)
[87] (WO2003/061187)
[30] US (10/044,289) 2002-01-11

[11] **2,472,403**
[13] C
[51] **Int.Cl. G08C 13/00 (2006.01) A61B 5/00 (2006.01) G06F 3/00 (2006.01) G06F 13/40 (2006.01)**
[25] EN
[54] **SELF POWERED SERIAL-TO-SERIAL OR USB-TO-SERIAL CABLE WITH LOOPBACK AND ISOLATION**
[54] **CABLE D'AUTO-ALIMENTATION SERIE-SERIE OU USB-SERIE AVEC REBOUCLAGE ET ISOLATION**
[72] GISLER, SCOTT, US
[72] ARNDT, DAVE, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2472403)
[87] (2472403)
[22] 2004-06-23
[30] US (60/483,230) 2003-06-30
[30] US (60/483,247) 2003-06-30

---

[11] **2,472,507**
[13] C
[51] **Int.Cl. B01D 17/028 (2006.01)**
[25] EN
[54] **IMPROVED SEPARATOR FOR IMMISCIBLE LIQUIDS**
[54] **SEPARATEUR AMELIORE POUR LIQUIDES IMMISCIBLES**
[72] SOWERBY, JOHN C., US
[72] OWEN, JONATHAN, GB
[72] SAMUELSON, DOUGLAS F., US
[73] FATSTRIPPA U.S., LP, US
[86] (2472507)
[87] (2472507)
[22] 2004-06-25
[30] US (60/556,832) 2004-03-26

---

[11] **2,472,990**
[13] C
[51] **Int.Cl. G01S 5/00 (2006.01) G01S 5/14 (2006.01)**
[25] EN
[54] **SYSTEMS FOR DETERMINING THE APPROXIMATE LOCATION OF A DEVICE FROM AMBIENT SIGNALS**
[54] **SYSTEMES PERMETTANT DE DETERMINER LA POSITION APPROXIMATIVE D'UN DISPOSITIF A PARTIR DE SIGNAUX AMBIANTS**
[72] KRUMM, JOHN C., US
[72] CERMAK, GERALD F., US
[72] HORVITZ, ERIC J., US
[72] MILLER, EDWARD C., US
[72] YOUSSEF, ADEL AMIN ABDELAZIM, US
[73] MICROSOFT CORPORATION, US
[86] (2472990)
[87] (2472990)
[22] 2004-07-02
[30] US (60/489,274) 2003-07-22
[30] US (10/741,783) 2003-12-19

---

[11] **2,473,071**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06T 1/00 (2006.01) G11B 20/12 (2006.01) G11B 27/034 (2006.01) G11B 27/30 (2006.01)**
[25] EN
[54] **IMAGE FILE CONTAINER**
[54] **FICHIER CONTENEUR D'IMAGES**
[72] DUNBAR, GEOFFREY T., US
[72] TERNASKY, JOSEPH D., US
[72] DEBIQUE, KIRT A., US
[72] CROW, WILLIAM M., US
[73] MICROSOFT CORPORATION, US
[86] (2473071)
[87] (2473071)
[22] 2004-07-06
[30] US (10/674,742) 2003-09-30

---

[11] **2,478,294**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A61K 38/02 (2006.01) C12N 9/10 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **GNTIII (UDP-N-ACETYLGLUCOSAMINE:BETA-D MANNOSIDE BETA (1,4)-N-ACETYLGLUCOSAMINYLTRANSFERASE III) EXPRESSION IN PLANTS**
[54] **EXPRESSION DE GNTIII (UDP-N-ACETYLGLUCOSAMINE:BETA-D MANNOSIDE BETA (1,4)-N-ACETYLGLUCOSAMINYLTRANSFERASE III) DANS DES PLANTES**
[72] BAKKER, HENDRIKUS ANTONIUS CORNELIS, DE
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
[72] BOSCH, HENDRIK JAN, NL
[73] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
[85] 2004-09-07
[86] 2003-03-18 (PCT/IB2003/001562)
[87] (WO2003/078614)
[30] US (60/365,769) 2002-03-19
[30] US (60/368,047) 2002-03-26

---

[11] **2,483,330**
[13] C
[51] **Int.Cl. C12N 15/18 (2006.01) A61K 38/17 (2006.01) A61K 38/22 (2006.01) A61K 38/27 (2006.01) C07K 14/575 (2006.01) C07K 14/61 (2006.01) C07K 14/72 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **MULTIMERIC LIGANDS WITH ENHANCED STABILITY**
[54] **LIGANDS MULTIMERES A STABILITE RENFORCEE**
[72] CHEN, WEN YAUN, US
[73] ONCOLIX, INC., US
[85] 2004-10-22
[86] 2003-04-22 (PCT/US2003/011486)
[87] (WO2003/089582)
[30] US (60/374,137) 2002-04-22

[11] **2,483,791**
[13] C
[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **METHOD AND DEVICE FOR EFFICIENT FRAME ERASURE CONCEALMENT IN LINEAR PREDICTIVE BASED SPEECH CODECS**
[54] **PROCEDE ET DISPOSITIF DE MASQUAGE EFFICACE D'EFFACEMENT DE TRAMES DANS DES CODEC VOCAUX DE TYPE LINEAIRE PREDICTIF**
[72] GOURNAY, PHILIPPE, CA
[72] JELINEK, MILAN, CA
[73] VOICEAGE CORPORATION, CA
[85] 2004-10-22
[86] 2003-05-30 (PCT/CA2003/000830)
[87] (WO2003/102921)
[30] CA (2,388,439) 2002-05-31

---

[11] **2,487,681**
[13] C
[51] **Int.Cl. E04D 11/00 (2006.01) E04D 11/02 (2006.01)**
[25] EN
[54] **HAIL DAMAGE-RESISTANCE ROOF ASSEMBLY AND METHOD FOR MAKING SAME**
[54] **TOITURE A L'EPREUVE DES DOMMAGES DUS A LA GRELE, ET METHODE DE FABRICATION**
[72] KELLY, THOMAS L., US
[73] KELLY, THOMAS L., US
[86] (2487681)
[87] (2487681)
[22] 2004-11-17
[30] US (10/737,088) 2003-12-16

---

[11] **2,489,308**
[13] C
[51] **Int.Cl. A61K 31/185 (2006.01) A23L 1/30 (2006.01) A23L 1/302 (2006.01) A23L 1/304 (2006.01) A23L 1/305 (2006.01) A61K 8/46 (2006.01) A61K 8/63 (2006.01) A61K 8/86 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/05 (2006.01) A61K 31/195 (2006.01) A61K 31/20 (2006.01) A61K 31/202 (2006.01) A61K 31/353 (2006.01) A61K 31/355 (2006.01) A61K 31/375 (2006.01) A61K 33/30 (2006.01) A61K 45/06 (2006.01) A61P 17/14 (2006.01) A61Q 5/00 (2006.01) A61Q 7/00 (2006.01)**
[25] FR
[54] **USE OF TAURINE FOR THE TREATMENT OF ALOPECIA**
[54] **UTILISATION DE LA TAURINE POUR LE TRAITEMENT DE L'ALOPECIE**
[72] DURANTON, ALBERT, FR
[72] BRETON, LIONEL, FR
[73] L'OREAL, FR
[73] NESTEC S.A., CH
[85] 2004-12-09
[86] 2003-06-23 (PCT/FR2003/001919)
[87] (WO2004/000293)
[30] FR (02/07763) 2002-06-21
[30] FR (02/07764) 2002-06-21
[30] FR (02/07765) 2002-06-21

---

[11] **2,489,354**
[13] C
[51] **Int.Cl. A61K 8/891 (2006.01) A61K 8/02 (2006.01) A61K 8/11 (2006.01) A61K 8/28 (2006.01) A61K 8/898 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **CLEAR PERSONAL CARE COMPOSITIONS CONTAINING VISIBLE CAPSULES**
[54] **COMPOSITIONS DE SOINS PERSONNELS TRANSPARENTES CONTENANT DES CAPSULES APARENTES**
[72] ANDERSON, JOHN, US
[72] GUAY, GORDON G., US
[72] VU, TUAN M., US
[72] ZAMUDIO-TENA, JOSE F., US
[73] THE GILLETTE COMPANY, US
[85] 2004-12-10
[86] 2003-07-31 (PCT/US2003/023889)
[87] (WO2004/012694)
[30] US (60/400,761) 2002-08-02

---

[11] **2,494,637**
[13] C
[51] **Int.Cl. G10L 21/0208 (2013.01) H04W 88/02 (2009.01) H04M 1/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-SENSORY SPEECH ENHANCEMENT ON A MOBILE DEVICE**
[54] **METHODE ET DISPOSITIF D'AMELIORATION VOCALE MULTI-SENSORIELLE D'UN DISPOSITIF DE COMMUNICATION MOBILE**
[72] SINCLAIR, MICHAEL J., US
[72] HUANG, XUEDONG DAVID, US
[72] ZHANG, ZHENGYOU, US
[73] MICROSOFT CORPORATION, US
[86] (2494637)
[87] (2494637)
[22] 2005-01-20
[30] US (10/785,768) 2004-02-24

---

[11] **2,496,921**
[13] C
[51] **Int.Cl. C10M 147/02 (2006.01) C10M 135/10 (2006.01) C10M 141/00 (2006.01) C10M 141/08 (2006.01)**
[25] EN
[54] **SYNTHETIC LUBRICANT ADDITIVE**
[54] **ADDITIF POUR LUBRIFIANT SYNTHETIQUE**
[72] SLOAN, KATHLEEN G., CA
[72] SLOAN, RONALD J., CA
[73] SLOAN, KATHLEEN G., CA
[73] SLOAN, RONALD J., CA
[86] (2496921)
[87] (2496921)
[22] 2005-02-22

[11] **2,497,481**
[13] C
[51] **Int.Cl. B21B 37/42 (2006.01) B21B 38/00 (2006.01) B21D 5/08 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CONTROLLING FLARE IN ROLL-FORMING PROCESSES**
[54] **METHODES ET APPAREIL DE CONTROLE DE L'EVASEMENT DANS LES PROCESSUS DE PROFILAGE**
[72] GREEN, JASON E., US
[72] SMITH, GREGORY S., US
[73] THE BRADBURY COMPANY, INC., US
[86] (2497481)
[87] (2497481)
[22] 2005-02-17
[30] US (10/780,413) 2004-02-17

---

[11] **2,502,382**
[13] C
[51] **Int.Cl. B01D 53/32 (2006.01) A61L 9/22 (2006.01) B01D 53/92 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR THE TREATMENT OF ODOR AND VOLATILE ORGANIC COMPOUND CONTAMINANTS IN AIR EMISSIONS**
[54] **APPAREIL ET METHODE DE TRAITEMENT DES ODEURS ET DES CONTAMINANTS A BASE DE COMPOSES ORGANIQUES VOLATILS PRESENTS DANS LES EMISSIONS ATMOSPHERIQUES**
[72] LANZ, DOUGLAS P., CA
[72] KERAS, ALLAN D., CA
[73] IONO2X ENGINEERING, L.L.C., US
[86] (2502382)
[87] (2502382)
[22] 2005-03-24

---

[11] **2,503,910**
[13] C
[51] **Int.Cl. A01N 47/22 (2006.01) A01N 43/36 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES**
[72] LONG, DAVID ALAN, US
[73] BAYER CROPSCIENCE LP, US
[86] (2503910)
[87] (2503910)
[22] 2005-04-04
[30] US (60/559757) 2004-04-06

---

[11] **2,504,841**
[13] C
[51] **Int.Cl. H04W 92/04 (2009.01) H04W 80/02 (2009.01) H04W 76/02 (2009.01)**
[25] EN
[54] **TRANSPORT FORMAT DATA TRANSMISSION**
[54] **TRANSMISSION DE DONNEES A FORMAT DE TRANSPORT**
[72] PEDERSEN, KENT, DK
[72] SEBIRE, BENOIST, CN
[73] CORE WIRELESS LICENSING S.A.R.L., LU
[85] 2005-05-03
[86] 2002-11-07 (PCT/EP2002/012426)
[87] (WO2004/042987)

---

[11] **2,504,963**
[13] C
[51] **Int.Cl. A61K 38/21 (2006.01) A61K 38/19 (2006.01) A61K 47/48 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CONJUGATES OF TNF AND A LIGAND OF CD13 RECEPTOR IN COMBINATION WITH INTERFERON-GAMMA FOR TREATING CANCER**
[54] **CONJUGUES DE TNF ET UN LIGAND DU RECEPTEUR CD13 UTILISES EN COMBINAISON AVEC DES INTERFERONS GAMMA POUR LE TRAITEMENT DU CANCER**
[72] CORTI, ANGELO, IT
[73] SAN RAFFAELE S.R.L., IT
[85] 2005-05-03
[86] 2003-11-05 (PCT/IB2003/005657)
[87] (WO2004/041297)
[30] US (10/287,811) 2002-11-05
[30] US (10/426,019) 2003-04-30

---

[11] **2,505,904**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RANKING DOCUMENTS OF A SEARCH RESULT TO IMPROVE DIVERSITY AND INFORMATION RICHNESS**
[54] **METHODE ET SYSTEME DE CLASSEMENT DES DOCUMENTS D'UN RESULTAT DE RECHERCHE POUR AMELIORER LA DIVERSITE ET LA RICHESSE DES INFORMATIONS**
[72] ZHANG, BENYU, US
[72] ZENG, HUA-JUN, US
[72] MA, WEI-YING, US
[72] CHEN, ZHENG, US
[73] MICROSOFT CORPORATION, US
[86] (2505904)
[87] (2505904)
[22] 2005-04-29
[30] US (10/837,540) 2004-04-30

---

[11] **2,507,999**
[13] C
[51] **Int.Cl. G10L 15/20 (2006.01) G10L 15/26 (2006.01) G10L 15/22 (2006.01)**
[25] EN
[54] **SENSOR BASED SPEECH RECOGNIZER SELECTION, ADAPTATION AND COMBINATION**
[54] **SELECTION, ADAPTATION ET COMBINAISON DE SYSTEMES DE RECONNAISSANCE VOCALE PAR CAPTEURS**
[72] FISCHER, VOLKER, DE
[72] KUNZMANN, SIEGFRIED, DE
[73] NUANCE COMMUNICATIONS, INC., US
[85] 2005-05-31
[86] 2003-10-31 (PCT/EP2003/012168)
[87] (WO2004/057574)
[30] EP (02102875.8) 2002-12-20

[11] **2,509,915**
[13] C
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 1/005 (2006.01) A61B 17/12 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SURGICAL INSTRUMENT HAVING A FORCE LIMITING ACTUATOR**
[54] **INSTRUMENT CHIRURGICAL ENDOSCOPIQUE MUNI D'UN DISPOSITIF DE COMMANDE PERMETTANT DE LIMITER LA FORCE EXERCEE**
[72] SIXTO, ROBERT JR., US
[72] SMITH, KEVIN W., US
[72] KORTENBACH, JUERGEN A., US
[72] ARP, SCOTT, US
[72] FRANCESE, JOSE LUIS, US
[72] PALMER, MATTHEW A., US
[72] KRATSCH, PETER K., US
[72] RIVERA, CARLOS, US
[72] WERNER DAWSON, KRISTIN NICOLE, US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2509915)
[87] (2509915)
[22] 2005-06-14
[30] US (10/867,501) 2004-06-14

[11] **2,512,197**
[13] C
[51] **Int.Cl. G06F 21/62 (2013.01) H04W 12/00 (2009.01) H04W 88/02 (2009.01) G06F 21/31 (2013.01) G06F 15/02 (2006.01)**
[25] EN
[54] **PASSWORD METHODS AND SYSTEMS FOR USE ON A MOBILE DEVICE**
[54] **METHODES ET SYSTEMES A MOT DE PASSE POUVANT S'UTILISER AVEC UN DISPOSITIF MOBILE**
[72] MUNJE, ARUN, CA
[72] PLESTID, TREVOR, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2512197)
[87] (2512197)
[22] 2005-07-14

[11] **2,512,437**
[13] C
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A WELL**
[54] **METHODE DE CONTROLE D'UN PUITS**
[72] SHAH, JAVED, CA
[73] SHAH, JAVED, CA
[86] (2512437)
[87] (2512437)
[22] 2005-07-04

[11] **2,512,576**
[13] C
[51] **Int.Cl. H04R 1/02 (2006.01) H04R 1/20 (2006.01) H04R 1/28 (2006.01)**
[25] EN
[54] **PORTED LOUDSPEAKER SYSTEM AND METHOD WITH REDUCED AIR TURBULENCE, BIPOLAR RADIATION PATTERN AND NOVEL APPEARANCE**
[54] **SYSTEME ET PROCEDE DE HAUT-PARLEUR RESONANT A TURBULENCE D'AIR REDUITE, A MOTIF DE RAYONNEMENT BIPOLAIRE ET D'APPARENCE INNOVANTE**
[72] POLK, MATTHEW S., JR., US
[73] POLK AUDIO, INC., AF
[85] 2005-07-05
[86] 2004-01-07 (PCT/US2004/000080)
[87] (WO2004/064445)
[30] US (10/337,347) 2003-01-07

[11] **2,515,262**
[13] C
[51] **Int.Cl. A61K 31/496 (2006.01) A61K 9/14 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TREATMENT OF BACTERIAL DISEASES OF THE RESPIRATORY ORGANS**
[54] **TRAITEMENT DE MALADIES BACTERIENNES DES ORGANES RESPIRATOIRES**
[72] ENDERMANN, RAINER, DE
[72] LABISCHINSKI, HARALD, DE
[72] LADEL, CHRISTOPH, DE
[72] PETERSEN, UWE, DE
[72] NEWTON, BEN, GB
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2005-08-05
[86] 2004-01-28 (PCT/EP2004/000710)
[87] (WO2004/069253)
[30] DE (103 05 319.0) 2003-02-10
[30] DE (103 05 318.2) 2003-02-10

[11] **2,521,389**
[13] C
[51] **Int.Cl. A62B 35/04 (2006.01)**
[25] EN
[54] **ENERGY ABSORBER FOR PERSONAL FALL ARRESTOR**
[54] **AMORTISSEUR POUR DISPOSITIF ANTICHUTE PERSONNEL**
[72] GRIFFITH, RICHARD R., US
[73] STURGES MANUFACTURING CO.,, US
[86] (2521389)
[87] (2521389)
[22] 2005-09-28

[11] **2,522,562**
[13] C
[51] **Int.Cl. C07D 235/18 (2006.01) A61K 31/395 (2006.01) A61K 31/4184 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/10 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **2-PHENYL-BENZIMIDAZOL AND 2-PHENYL-IMIDAZO-`4,5!-PYRIDINE DERIVATIVES AS CHECKPOINT KINASE CDS1 (CHK2) INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **DERIVES DE 2-PHENYL-BENZIMIDAZOLE ET DE 2-PHENYL-IMIDAZO-`4,5!-PYRIDINE UTILISES COMME INHIBITEURS DE LA KINASE CHECKPOINT CDS1 (CHK2) POUR TRAITEMENT ANTICANCEREUX**
[72] AMERIKS, MICHAEL K., US
[72] ARIENTI, KRISTEN L., US
[72] AXE, FRANK U., US
[72] BREITENBUCHER, J. GUY, US
[73] JANSSEN PHARMACEUTICA N.V., BE
[85] 2005-10-14
[86] 2004-04-16 (PCT/US2004/011775)
[87] (WO2004/093873)
[30] US (60/463,542) 2003-04-17

---

[11] **2,523,267**
[13] C
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/148 (2006.01)**
[25] EN
[54] **HYDRAULICALLY ACTUATED PUMP FOR LONG DURATION MEDICAMENT ADMINISTRATION**
[54] **POMPE HYDRAULIQUE D'ADMINISTRATION DE MEDICAMENTS SUR DE LONGUES DUREES**
[72] GONNELLI, ROBERT R., US
[72] MCALLISTER, DEVIN V., US
[72] LEVESQUE, STEVEN F., US
[73] VALERITAS, INC., US
[85] 2005-10-21
[86] 2004-04-23 (PCT/US2004/012797)
[87] (WO2004/094823)
[30] US (60/465,070) 2003-04-23

---

[11] **2,524,838**
[13] C
[51] **Int.Cl. C02F 1/32 (2006.01)**
[25] EN
[54] **INTERNAL UV TREATMENT OF POTABLE WATER SYSTEMS**
[54] **TRAITEMENT UV INTERNE DE SYSTEMES D'EAU POTABLE**
[72] THORPE, GEORGE W., US
[73] THORPE, GEORGE W., US
[85] 2005-11-04
[86] 2004-05-05 (PCT/US2004/014286)
[87] (WO2004/099532)
[30] US (10/430,563) 2003-05-05

---

[11] **2,525,133**
[13] C
[51] **Int.Cl. G11B 20/10 (2006.01)**
[25] EN
[54] **WRITE ONCE OPTICAL DISC, AND METHOD AND APPARATUS FOR RECOVERING DISC MANAGEMENT INFORMATION FROM THE WRITE ONCE OPTICAL DISC**
[54] **DISQUE OPTIQUE NON REINSCRIPTIBLE ET PROCEDE ET APPAREIL DE RECUPERATION DE L'INFORMATION DE GESTION DU DISQUE A PARTIR DU DISQUE OPTIQUE NON REINSCRIPTIBLE**
[72] PARK, YONG CHEOL, KR
[73] LG ELECTRONICS INC., KR
[85] 2005-11-08
[86] 2004-05-07 (PCT/KR2004/001067)
[87] (WO2004/100157)
[30] US (60/469,005) 2003-05-09
[30] KR (10-2003-0033696) 2003-05-27

---

[11] **2,525,837**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR NETWORK MANAGEMENT USING PERIODIC MEANSUREMENTS OF INDICATORS**
[54] **PROCEDE ET SYSTEME DE GESTION DE RESEAU UTILISANT DES MESURES PERIODIQUES D'INDICATEURS**
[72] KWAK, JOSEPH, US
[73] INTEL CORPORATION, US
[85] 2005-11-14
[86] 2004-05-13 (PCT/US2004/014901)
[87] (WO2004/104737)
[30] US (60/470,256) 2003-05-14

---

[11] **2,525,960**
[13] C
[51] **Int.Cl. D06C 3/04 (2006.01) B21D 53/10 (2006.01) F16C 11/04 (2006.01) F16C 33/20 (2006.01) F16J 1/16 (2006.01)**
[25] EN
[54] **LUBRICATION FREE CONNECTION**
[54] **CONNEXION EXEMPTE DE LUBRIFICATION**
[72] MEDEIROS, ANTHONY, US
[72] HOSMER, CHRISTOPHER, US
[72] MACK, EDWARD, US
[73] TRI-MACK PLASTICS MANUFACTURING CORP., US
[85] 2005-07-25
[86] 2004-01-27 (PCT/US2004/002066)
[87] (WO2004/067248)
[30] US (10/352,194) 2003-01-27

---

[11] **2,526,494**
[13] C
[51] **Int.Cl. A47G 9/08 (2006.01)**
[25] EN
[54] **SLEEPING BAG WITH CLASP FOR FACILITATING ROLLING**
[54] **SAC DE COUCHAGE AVEC ATTACHE POUR FACILITER L'ENROULEMENT**
[72] HOLUB, TIMOTHY M., US
[72] MICHAELIS, SUSAN L., US
[73] THE COLEMAN COMPANY, INC., US
[85] 2005-11-18
[86] 2004-05-25 (PCT/US2004/016325)
[87] (WO2004/107933)
[30] US (10/449,154) 2003-05-30

[11] **2,526,541**
[13] C
[51] **Int.Cl. C08L 101/02 (2006.01) A61K 45/00 (2006.01) A61L 17/10 (2006.01) C08L 67/04 (2006.01) C08L 71/02 (2006.01)**
[25] EN
[54] **NOVEL BIOMATERIAL DRUG DELIVERY AND SURFACE MODIFICATION COMPOSITIONS**
[54] **NOUVELLES COMPOSITIONS DE BIOMATERIAU POUR DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS ET DE MODIFICATION DE SURFACE**
[72] STOPEK, JOSHUA, US
[72] CUEVAS, BRIAN, US
[72] HOTTER, JOSEPH, US
[72] NENTWICK, BRIAN, US
[72] IRFAN, ALI, US
[72] TSAI, STEVEN, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2526541)
[87] (2526541)
[22] 2005-11-10
[30] US (60/632,429) 2004-12-01

[11] **2,526,824**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01)**
[25] EN
[54] **VENTRICULOSTOMY RESERVOIR**
[54] **RESERVOIR POUR VENTRICULOSTOMIE**
[72] KRAUS, ROBERT G., US
[72] TAYLOR, ROBERT, US
[72] BUONANNO, JOHN, US
[73] CODMAN & SHURTLEFF, INC., US
[86] (2526824)
[87] (2526824)
[22] 2005-11-14
[30] US (10/995,947) 2004-11-22

[11] **2,527,647**
[13] C
[51] **Int.Cl. H04N 21/266 (2011.01) H04W 88/02 (2009.01) H04N 21/2668 (2011.01) H04N 21/278 (2011.01) B60R 11/02 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DOWNLOADING FILES**
[54] **SYSTEME ET PROCEDE DE TELECHARGEMENT DE FICHIERS**
[72] STOPNIEWICZ, ALBERT J., US
[72] BRADFORD, BELINDA, AU
[73] PANASONIC AVIONICS CORPORATION, US
[85] 2005-11-29
[86] 2004-06-04 (PCT/US2004/017666)
[87] (WO2005/000437)
[30] US (60/476,071) 2003-06-04
[30] US (10/772,565) 2004-02-04

[11] **2,528,159**
[13] C
[51] **Int.Cl. A61J 1/10 (2006.01)**
[25] EN
[54] **ASEPTIC COMBINATION PREPARATION**
[54] **PREPARATION DE COMBINAISON ASEPTIQUE**
[72] SUMIYOSHI, NOBUAKI, JP
[72] MITSUMOTO, YASUHIRO, JP
[72] ARITA, SHIGEAKI, JP
[72] TANI, SEIJI, JP
[72] KOBAYASHI, MASARU, JP
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2005-12-05
[86] 2004-06-04 (PCT/JP2004/007818)
[87] (WO2004/108059)
[30] JP (2003-163013) 2003-06-06

[11] **2,530,783**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **DROP PILLS PREPARED FROM EXCIPIENTS DERIVED FROM NATURAL SOURCES**
[54] **PILULES PREPAREES A PARTIR D'EXCIPIENTS DERIVES DE SOURCES NATURELLES**
[72] CHEN, JIANMING, CN
[72] YAN, XIJUN, CN
[72] YANG, YUEWU, CN
[72] LU, WENLIANG, CN
[72] ZHU, YONGHONG, CN
[72] YE, ZHENGLIANG, CN
[72] WANG, WEI, CN
[72] ZHU, GUOGUANG, CN
[72] ZHENG, ZHIGANG, CN
[72] WANG, SHUANGMING, CN
[73] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2005-12-28
[86] 2004-07-02 (PCT/CN2004/000730)
[87] (WO2005/002547)
[30] CN (03145615.4) 2003-07-02
[30] CN (200410018761.6) 2004-03-17

[11] **2,531,300**
[13] C
[51] **Int.Cl. H04N 7/50 (2006.01) G06F 17/00 (2006.01) H04N 7/025 (2006.01)**
[25] EN
[54] **MEDIADESCRIPTION DATA STRUCTURES FOR CARRYING DESCRIPTIVE CONTENT METADATA AND CONTENT ACQUISITION DATA IN MULTIMEDIA SYSTEMS**
[54] **STRUCTURES DE DONNEES MEDIADESCRIPTION COMPRENANT DES METADONNEES A CONTENU DESCRIPTIF ET DES DONNEES D'ACQUISITION DE CONTENU DANS DES SYSTEMES MULTIMEDIAS**
[72] SMITH, GEOFFREY R., US
[72] CARLE, KEVIN T., US
[72] CLERON, MICHAEL A., US
[72] SCOTT, SAMUEL THOMAS, III, US
[72] LEE, VICTOR S., US
[73] MICROSOFT CORPORATION, US
[86] (2531300)
[87] (2531300)
[22] 2005-12-21
[30] US (11/042,480) 2005-01-25

[11] **2,531,442**
[13] C
[51] **Int.Cl. C02F 1/36 (2006.01)**
[25] EN
[54] **DEVICES AND PROCESSES FOR USE IN ULTRASOUND TREATMENT**
[54] **DISPOSITIFS ET METHODES DESTINES A ETRE UTILISES DANS LE TRAITEMENT ULTRASONIQUE**
[72] HANNECART, BAUDOUIN, BE
[72] CORDEMANS DE MEULENAER, ERIC D., BE
[72] MOFFAT, HAROLD, US
[72] SWINNEN, MARIO, BE
[72] BEARDWOOD, EDWARD SAMUEL, CA
[73] ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC, US
[85] 2006-01-05
[86] 2004-07-07 (PCT/US2004/021664)
[87] (WO2005/005322)
[30] US (60/485,888) 2003-07-08
[30] US (10/734,103) 2003-12-10

---

[11] **2,531,498**
[13] C
[51] **Int.Cl. D21H 19/10 (2006.01) B65D 65/42 (2006.01) B65D 81/34 (2006.01) D21H 19/20 (2006.01) D21H 19/82 (2006.01)**
[25] EN
[54] **OIL-RESISTANT SHEET MATERIAL**
[54] **MATERIAU SOUS FORME DE FEUILLE RESISTANT A L'HUILE**
[72] AKIYAMA, KOUSUKE, JP
[72] ASAI, YASUHIKO, JP
[73] TOKUSHU PAPER MFG. CO., LTD., JP
[85] 2006-01-05
[86] 2004-08-10 (PCT/JP2004/011464)
[87] (WO2005/014930)
[30] JP (2003-291215) 2003-08-11

---

[11] **2,531,528**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **IMPLANTABLE PROSTHETIC DEVICES PARTICULARLY FOR TRANSARTERIAL DELIVERY IN THE TREATMENT OF AORTIC STENOSIS, AND METHODS OF IMPLANTING SUCH DEVICES**
[54] **PROTHESES IMPLANTABLES EN PARTICULIER DESTINEES A LA POSE PAR VOIE TRANSARTERIELLE POUR LE TRAITEMENT DE LA STENOSE AORTIQUE ET METHODES D'IMPLANTATION DESDITES PROTHESES**
[72] SCHWAMMENTHAL, EHUD, IL
[72] TUVAL, YOSSI, IL
[72] BENARY, RAPHAEL, IL
[73] MEDTRONIC VENTOR TECHNOLOGIES LTD., IL
[85] 2006-01-05
[86] 2004-07-06 (PCT/IL2004/000601)
[87] (WO2005/002466)
[30] US (60/485,156) 2003-07-08

---

[11] **2,533,004**
[13] C
[51] **Int.Cl. A01M 1/00 (2006.01) A01M 1/04 (2006.01) A01M 1/10 (2006.01) A01M 1/16 (2006.01)**
[25] EN
[54] **INSECT TRAP**
[54] **PIEGE A INSECTES**
[72] HAWLEY, NORMAN, CA
[72] KULKARNI, ARUN, CA
[73] HAWLEY, NORMAN, CA
[73] KULKARNI, ARUN, CA
[86] (2533004)
[87] (2533004)
[22] 2006-01-16
[30] US (60/644,703) 2005-01-17

---

[11] **2,536,915**
[13] C
[51] **Int.Cl. A61B 17/94 (2006.01) A61B 17/068 (2006.01) A61B 17/295 (2006.01) A61B 17/128 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT INCORPORATING A FLUID TRANSFER CONTROLLED ARTICULATION MECHANISM**
[54] **INSTRUMENT CHIRURGICAL COMPRENANT UN MECANISME D'ARTICULATION COMMANDE PAR TRANSFERT DE FLUIDE**
[72] WALES, KENNETH S., US
[72] BOUDREAUX, CHAD P., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2536915)
[87] (2536915)
[22] 2006-02-17
[30] US (11/061,908) 2005-02-18

---

[11] **2,537,339**
[13] C
[51] **Int.Cl. B62D 55/24 (2006.01) F16F 9/10 (2006.01)**
[25] EN
[54] **TRACK SYSTEM, AND VEHICLE INCLUDING THE SAME**
[54] **DISPOSITIF AMORTISSEUR COMPLEMENTAIRE, ET VEHICULE COMPRENANT CE DISPOSITIF**
[72] LAMOUREUX, MARTIN, CA
[72] ARSENAULT, SAMUEL, CA
[72] LEPINE, STEPHANE, CA
[73] ELKA SUSPENSION INC., CA
[86] (2537339)
[87] (2537339)
[22] 2006-02-17
[30] US (60/653,483) 2005-02-17

[11] **2,537,789**
[13] C
[51] **Int.Cl. F23K 3/06 (2006.01) F27D 21/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE REGULATED FEED OF PULVERIZED FUEL TO A FLUE STREAM GASIFIER**
[54] **DISPOSITIF ET METHODE D'ALIMENTATION REGULEE EN COMBUSTIBLE PULVERISE D'UN REACTEUR DE GAZEIFICATION A CIRCUIT DE COMBUSTION**
[72] TIETZE, GUENTER, DE
[72] RICHTER, STEFANIE, DE
[72] SCHINGNITZ, MANFRED, DE
[72] HOLLE, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2537789)
[87] (2537789)
[22] 2006-02-27
[30] DE (102005 047 583.3) 2005-10-04

[11] **2,539,619**
[13] C
[51] **Int.Cl. B62B 1/00 (2006.01)**
[25] EN
[54] **TOOL ORGANIZER**
[54] **ENSEMBLE DE RANGEMENT D'OUTILS**
[72] GUIRLINGER, EDWARD G., US
[73] MOBILE-SHOP COMPANY, LLC, US
[85] 2006-03-20
[86] 2004-09-17 (PCT/US2004/030796)
[87] (WO2005/028163)
[30] US (10/667,251) 2003-09-19

[11] **2,540,599**
[13] C
[51] **Int.Cl. B01D 53/047 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **PORTABLE GAS FRACTIONALIZATION SYSTEM**
[54] **SYSTEME DE FRACTIONNEMENT DE GAZ PORTATIF**
[72] DEANE, GEOFFREY FRANK, US
[72] TAYLOR, BRENTON ALAN, US
[72] BARE, REX O., US
[72] SARGENT, BRADLEY J., US
[72] SCHERER, ANDREW J., US
[72] MARCH, ANDREW J., US
[72] MERCHANT, JOSEPH E., US
[72] SMITH, JEFFREY C., US
[73] INOGEN, INC., US
[85] 2006-03-29
[86] 2004-10-07 (PCT/US2004/032996)
[87] (WO2005/035037)
[30] US (10/681,487) 2003-10-07
[30] US (10/680,997) 2003-10-07
[30] US (10/681,456) 2003-10-07
[30] US (10/680,885) 2003-10-07

[11] **2,540,749**
[13] C
[51] **Int.Cl. C08L 101/00 (2006.01) C08L 21/00 (2006.01) C10M 159/00 (2006.01)**
[25] EN
[54] **MICROGELS COMBINED WITH FUNCTIONAL ADDITIVES**
[54] **COMBINAISON DE MICROGELS ET D'ADDITIFS FONCTIONNELS**
[72] FESSENBECKER, ACHIM, DE
[72] GALDA, PATRICK, DE
[72] ZISER, TORSTEN, DE
[72] FRUEH, THOMAS, DE
[72] STEPPAN, GUENTHER, DE
[72] OBRECHT, WERNER, DE
[73] RHEIN CHEMIE RHEINAU GMBH, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
[86] (2540749)
[87] (2540749)
[22] 2006-03-22
[30] DE (DE 10 2005 014 271.0) 2005-03-24

[11] **2,541,260**
[13] C
[51] **Int.Cl. G07F 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR ENABLING TRANSACTIONS USING A BIOMETRICALLY ENABLED PROGRAMMABLE MAGNETIC STRIPE**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER DES TRANSACTIONS AU MOYEN D'UNE PISTE MAGNETIQUE PROGRAMMABLE ACTIVEE PAR BIOMETRIE**
[72] DOUGHTY, RALPH O., US
[72] ANTAKI, PATRICK R., US
[73] INNOVATION CONNECTION CORPORATION, US
[85] 2006-03-31
[86] 2004-10-07 (PCT/US2004/033207)
[87] (WO2005/036357)
[30] US (10/680,050) 2003-10-07

[11] **2,543,091**
[13] C
[51] **Int.Cl. B01L 3/02 (2006.01) B01L 9/00 (2006.01) G01N 3/08 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DISPENSING FLUID, SEMI-SOLID AND SOLID SAMPLES**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DISTRIBUER DES ECHANTILLONS FLUIDES, SEMI-SOLIDES ET SOLIDES**
[72] AUSTIN, JOHN, US
[72] HONKANEN, PETER D., US
[73] AUSHON BIOSYSTEMS, INC., US
[85] 2006-04-20
[86] 2004-10-25 (PCT/US2004/035101)
[87] (WO2005/042146)
[30] US (60/514,285) 2003-10-24

[11] **2,543,205**
[13] C
[51] **Int.Cl. B60N 2/44 (2006.01) B60N 2/58 (2006.01)**
[25] EN
[54] **SHINGLE RECLINER COVER**
[54] **BOITIER DE MECANISME D'INCLINAISON A GALET**
[72] SAYED, RAMI Z., US
[72] NARDICCHIO, DINO, US
[73] INTIER AUTOMOTIVE INC., CA
[85] 2006-04-20
[86] 2004-11-17 (PCT/CA2004/001972)
[87] (WO2005/047055)
[30] US (60/520,824) 2003-11-17

---

[11] **2,545,951**
[13] C
[51] **Int.Cl. B01J 47/08 (2006.01) B01D 61/48 (2006.01) C02F 1/469 (2006.01)**
[25] EN
[54] **WATER TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EAU**
[72] WILKINS, FREDERICK, US
[72] FREYDINA, EVGENIYA, US
[72] SEZGI, AYTAC, US
[72] MADHUSUDAN, RESHMA, US
[72] JHA, ANIL D., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2006-05-12
[86] 2004-11-12 (PCT/US2004/037940)
[87] (WO2005/049205)
[30] US (10/712,162) 2003-11-13
[30] US (10/712,674) 2003-11-13

---

[11] **2,546,229**
[13] C
[51] **Int.Cl. A63C 19/12 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **REINFORCED, SCRIM SUPPORTED, IMPERMEABLE, PROTECTIVE, WINTER TURF COVER**
[54] **COUVERTURE HIVERNALE DE GAZON EN PLAQUES RENFORCEE A SUPPORT EN MOUSSELINE, IMPERMEABLE ET PROTECTRICE**
[72] STOLLER, JAMES E., US
[73] STOLLER, JAMES E., US
[86] (2546229)
[87] (2546229)
[22] 2006-05-11
[30] US (11/217,904) 2005-09-01

---

[11] **2,546,327**
[13] C
[51] **Int.Cl. C01B 3/00 (2006.01)**
[25] EN
[54] **METHOD OF STORING AND RELEASING GASES IN A CONTROLLED MANNER USING AN ELECTROCHEMICALLY PREPARED CRYSTALLINE POROUS METAL-ORGANIC FRAMEWORK**
[54] **PROCEDE POUR STOCKER ET DISTRIBUER DES GAZ DE MANIERE CONTROLEE, AU MOYEN D'UN MATERIAU POREUX CRISTALLIN A CHARPENTE ORGANOMETALLIQUE PRODUIT PAR VOIE ELECTROCHIMIQUE**
[72] MUELLER, ULRICH, DE
[72] PUETTER, HERMANN, DE
[72] HESSE, MICHAEL, DE
[72] WESSEL, HELGE, DE
[72] HUFF, JUERGEN, DE
[72] GUZMANN, MARCUS, DE
[72] SCHUBERT, MARKUS, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 2006-05-17
[86] 2004-11-24 (PCT/EP2004/013331)
[87] (WO2005/049484)
[30] DE (103 55 087.9) 2003-11-24

---

[11] **2,546,714**
[13] C
[51] **Int.Cl. B64D 13/00 (2006.01) B64D 15/04 (2006.01) B64D 33/02 (2006.01) F25B 9/00 (2006.01)**
[25] EN
[54] **A METHOD OF OPERATING AN AIRCRAFT SYSTEM**
[54] **METHODE D'EXPLOITATION D'UN SYSTEME DE BORD**
[72] KRESSER, HUBERT, DE
[72] HIRSCHMANN, MARKUS, DE
[72] SAUTERLEUTE, ALFRED, DE
[72] LAVERGNE, DAVID, FR
[72] HARTENSTEIN, LAURENT, FR
[73] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[86] (2546714)
[87] (2546714)
[22] 2006-05-12
[30] DE (10 2005 037 285.6) 2005-08-08

---

[11] **2,548,559**
[13] C
[51] **Int.Cl. A61K 31/435 (2006.01) A61K 9/08 (2006.01) A61K 9/14 (2006.01) A61K 47/36 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **INTRANASAL COMPOSITIONS COMPRISING GRANISETRON AND CHITOSAN**
[54] **COMPOSITIONS INTRANASALES COMPRENANT DU GRANISETRON ET DU CHITOSANE**
[72] SMITH, ALAN, GB
[72] WATTS, PETER JAMES, GB
[72] CASTILE, JONATHAN, GB
[73] ARCHIMEDES DEVELOPMENT LIMITED, GB
[85] 2006-06-02
[86] 2004-11-30 (PCT/GB2004/005043)
[87] (WO2005/056008)
[30] GB (0328186.2) 2003-12-05

---

[11] **2,548,662**
[13] C
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MALEATE SALTS OF A QUINAZOLINE DERIVATIVE USEFUL AS AN ANTIANGIOGENIC AGENT**
[54] **SELS DE MALEATE D'UN DERIVE DE QUINAZOLINE UTILE COMME AGENT ANTIANIOGENIQUE**
[72] MCCABE, JAMES, GB
[73] ASTRAZENECA AB, SE
[85] 2006-06-07
[86] 2004-12-18 (PCT/GB2004/005359)
[87] (WO2005/061488)
[30] GB (0330002.7) 2003-12-24

[11] **2,551,129**
[13] C
[51] **Int.Cl. H04W 56/00 (2009.01) H04H 20/20 (2009.01)**
[25] EN
[54] **METHOD OF SYNCHRONIZATION ON THE UPLINK CHANNEL OF A SIMULCAST NETWORK**
[54] **PROCEDE DE SYNCHRONISATION SUR LE CANAL DE LIAISON ASCENDANTE D'UN RESEAU DE DIFFUSION SIMULTANEE**
[72] MEGE, PHILIPPE, FR
[72] MOLKO, CHRISTOPHE, FR
[72] ROSIN, FREDERIC, FR
[73] CASSIDIAN SAS, FR
[85] 2006-06-22
[86] 2004-12-14 (PCT/EP2004/014220)
[87] (WO2005/064974)
[30] FR (03/15322) 2003-12-23

[11] **2,551,489**
[13] C
[51] **Int.Cl. C12N 15/63 (2006.01)**
[25] EN
[54] **MULTI PLASMID SYSTEM FOR THE PRODUCTION OF INFLUENZA VIRUS**
[54] **SYSTEME A PLASMIDES MULTIPLES POUR LA PRODUCTION DU VIRUS DE LA GRIPPE**
[72] DUKE, GREGORY, US
[72] KEMBLE, GEORGE, US
[73] MEDIMMUNE VACCINES, INC., US
[85] 2006-06-22
[86] 2004-12-22 (PCT/US2004/042669)
[87] (WO2005/062820)
[30] US (60/532,164) 2003-12-23

[11] **2,552,028**
[13] C
[51] **Int.Cl. B64C 19/00 (2006.01) B64C 23/06 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING AN AIRCRAFT IN FLIGHT, ESPECIALLY TO REDUCE WAKE VORTICES**
[54] **METHODE DE CONTROLE D'UN AERONEF EN VOL, EN PARTICULIER POUR REDUIRE LES TOURBILLONS DU SILLAGE**
[72] LAPORTE, FLORENT, DE
[72] HANSEN, HEINZ, DE
[73] AIRBUS DEUTSCHLAND GMBH, DE
[86] (2552028)
[87] (2552028)
[22] 2006-07-14
[30] EP (051 06 780.9) 2005-07-22

[11] **2,552,075**
[13] C
[51] **Int.Cl. B05B 7/08 (2006.01)**
[25] EN
[54] **LIQUID SPRAY GUN WITH NON-CIRCULAR HORN AIR OUTLET PASSAGEWAYS AND APERTURES**
[54] **PISTOLET PULVERISATEUR DE LIQUIDE AVEC PASSAGES ET OUVERTURES DE SORTIE D'AIR DE TUBULURES CIRCULAIRES**
[72] BLETTE, RUSSELL E., US
[72] FREDERICKSON, FRANKLYN L., US
[72] JOSEPH, STEPHEN C. P., US
[72] QIBLAWI, JAMEEL R., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2006-06-28
[86] 2004-12-16 (PCT/US2004/042633)
[87] (WO2005/065838)
[30] US (10/748,479) 2003-12-30

[11] **2,552,134**
[13] C
[51] **Int.Cl. F15B 15/26 (2006.01)**
[25] EN
[54] **MOTION CONTROL APPARATUS WITH BACKLASH REDUCTION**
[54] **APPAREIL DE CONTROLE DE DEPLACEMENT PRESENTANT UNE REDUCTION DE JEU**
[72] WEISS, KEVIN B., US
[73] NEXEN GROUP, INC., US
[85] 2006-06-28
[86] 2004-11-12 (PCT/US2004/037964)
[87] (WO2005/050030)
[30] US (10/714,279) 2003-11-14

[11] **2,557,187**
[13] C
[51] **Int.Cl. D02G 3/44 (2006.01) D02G 3/04 (2006.01)**
[25] EN
[54] **MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION**
[54] **MELANGES DE FIBRES MODACRYLIQUES/ARAMIDES UTILISES POUR PERMETTRE UNE PROTECTION CONTRE LES ARCS ET CONTRE LES FLAMMES**
[72] ZHU, REIYAO, US
[72] GUCKERT, DEBBIE, US
[72] LOVASIC, SUSAN L., US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2006-08-23
[86] 2005-03-16 (PCT/US2005/008884)
[87] (WO2005/090661)
[30] US (10/803,383) 2004-03-18

[11] **2,558,211**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/407 (2006.01) A61K 31/4155 (2006.01) A61K 31/438 (2006.01) A61K 31/4995 (2006.01) C07D 403/06 (2006.01) C07D 471/10 (2006.01)**
[25] EN
[54] **BICYCLIC AND BRIDGED NITROGEN HETEROCYCLES**
[54] **HETEROCYCLES D'AZOTE BICYCLIQUES ET PONTES**
[72] PENNELL, ANDREW M. K., US
[72] AGGEN, JAMES B., US
[72] WRIGHT, J. J. KIM, US
[72] SEN, SUBHABRATA, IN
[72] CHEN, WEI, US
[72] DAIRAGHI, DANIEL JOSEPH, US
[72] ZHANG, PENGLIE, US
[73] CHEMOCENTRYX, INC., US
[85] 2006-08-31
[86] 2005-03-02 (PCT/US2005/007166)
[87] (WO2005/084667)
[30] US (60/550,246) 2004-03-03

[11] **2,558,218**
[13] C
[51] **Int.Cl. G06F 3/023 (2006.01)**
[25] EN
[54] **APPARATUS METHOD AND SYSTEM FOR A DATA ENTRY INTERFACE**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DESTINES A UNE INTERFACE D'ENTREE DE DONNEES**
[72] VAN DER HOEVEN, STEVE, MC
[73] NUANCE COMMUNICATIONS, INC., US
[85] 2006-08-31
[86] 2005-03-11 (PCT/IB2005/000614)
[87] (WO2005/088431)
[30] US (10/800,204) 2004-03-12

[11] **2,558,295**
[13] C
[51] **Int.Cl. H04M 3/56 (2006.01) H04W 4/16 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONNECTING TO AN AUDIO CONFERENCE SERVICE USING A MOBILE COMMUNICATIONS DEVICE**
[54] **SYSTEME ET METHODE DE BRANCHEMENT A UN SERVICE D'AUDIOCONFERENCE AU MOYEN D'UN DISPOSITIF MOBILE DE COMMUNICATIONS**
[72] JOGLEKAR, MANOHAR A., CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2558295)
[87] (2558295)
[22] 2006-08-31
[30] EP (05255314.6) 2005-08-31

[11] **2,559,085**
[13] C
[51] **Int.Cl. E21B 25/16 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **DOWNHOLE CORE ORIENTATION TOOL**
[54] **OUTIL DE FOND D'ORIENTATION DE CAROTTE**
[72] BEACH, ANDREW, AU
[72] MCLEOD, GAVIN, AU
[73] 2IC AUSTRALIA PTY LTD, AU
[85] 2006-09-08
[86] 2005-03-10 (PCT/AU2005/000339)
[87] (WO2005/085584)
[30] AU (2004901241) 2004-03-10

[11] **2,559,562**
[13] C
[51] **Int.Cl. C22C 38/22 (2006.01) C22C 38/26 (2006.01) C22C 38/60 (2006.01) C23C 8/22 (2006.01) C23C 8/32 (2006.01)**
[25] FR
[54] **STEEL FOR MECHANICAL PARTS, METHOD FOR PRODUCING MECHANICAL PARTS FROM SAID STEEL AND THE THUS OBTAINABLE MECHANICAL PARTS**
[54] **ACIER POUR PIECES MECANIQUES, PROCEDE DE FABRICATION DE PIECES MECANIQUES L'UTILISANT ET PIECES MECANIQUES AINSI REALISEES**
[72] DAGUIER, PASCAL, FR
[72] DIERICKX, PIERRE, FR
[72] PICHARD, CLAUDE, FR
[73] ASCOMETAL, FR
[85] 2006-09-12
[86] 2005-03-21 (PCT/FR2005/000684)
[87] (WO2005/098070)
[30] FR (04 03038) 2004-03-24

[11] **2,559,899**
[13] C
[51] **Int.Cl. E04D 1/12 (2006.01) E04G 23/03 (2006.01)**
[25] EN
[54] **SHINGLE WITH INTERLOCKING WATER DIVERTER TABS**
[54] **BARDEAU DOTE DE JUPES DE DEVIATION DE L'EAU A EMBOITEMENT**
[72] MARTINIQUE, JEFF, US
[73] DA VINCI ROOFSCAPES, L.L.C., US
[85] 2006-09-08
[86] 2005-03-11 (PCT/US2005/008357)
[87] (WO2005/086977)
[30] US (60/552,418) 2004-03-11

[11] **2,561,045**
[13] C
[51] **Int.Cl. H04W 4/08 (2009.01) H04H 20/57 (2008.01) H04H 20/71 (2008.01) H04H 60/31 (2008.01)**
[25] EN
[54] **RECOUNTING METHOD IN MULTIMEDIA BROADCAST/MULTICAST SERVICE**
[54] **PROCEDE DE DECOMPTE DANS UN SERVICE DE DIFFUSION/MULTIDIFFUSION DE MULTIMEDIAS**
[72] WANG, YANHONG, CN
[72] HU, HAO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2006-09-22
[86] 2005-09-30 (PCT/CN2005/001632)
[87] (WO2006/034656)
[30] CN (200410079356.5) 2004-09-30

[11] **2,561,696**
[13] C
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 31/7088 (2006.01) A61K 35/12 (2006.01) A61K 35/74 (2006.01) A61K 35/76 (2006.01) A61K 38/00 (2006.01) A61K 48/00 (2006.01) A61P 3/10 (2006.01) A61P 7/06 (2006.01) A61P 11/06 (2006.01) A61P 13/12 (2006.01) A61P 17/00 (2006.01) A61P 17/04 (2006.01) A61P 19/02 (2006.01) A61P 19/04 (2006.01) A61P 21/00 (2006.01) A61P 21/02 (2006.01) A61P 21/04 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01) C07K 14/47 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **NOVEL MODIFIED GALECTIN 9 PROTEINS AND USE THEREOF**
[54] **PROTEINE DE MODIFICATION DE GALECTINE-9 NOVATRICE ET UTILISATION DE CELLE-CI**
[72] NISHI, NOZOMU, JP
[72] HIRASHIMA, MITSUOMI, JP
[72] YAMAUCHI, AKIRA, JP
[72] ITO, AIKO, JP
[73] GALPHARMA CO., LTD., JP
[85] 2006-09-28
[86] 2005-03-29 (PCT/JP2005/006580)
[87] (WO2005/093064)
[30] JP (2004-094401) 2004-03-29
[30] JP (2004-287005) 2004-09-30
[30] JP (2005-043156) 2005-02-18

[11] **2,562,395**
[13] C
[51] **Int.Cl. H04B 3/54 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DATA COMMUNICATION OVER POWER LINES**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION DE DONNEES VIA DES LIGNES ELECTRIQUES**
[72] HORVATH, STEPHAN, CH
[72] JAMIN, ANTONY, GB
[73] ACN ADVANCED COMMUNICATIONS NETWORKS SA, CH
[85] 2006-10-10
[86] 2004-04-07 (PCT/EP2004/050485)
[87] (WO2004/091113)
[30] EP (03100939.2) 2003-04-08

[11] **2,564,630**
[13] C
[51] **Int.Cl. C07C 55/07 (2006.01) B01J 20/08 (2006.01) C07C 59/01 (2006.01) C07C 59/08 (2006.01) C07C 59/255 (2006.01) C07C 59/265 (2006.01) C07C 65/03 (2006.01) C08K 3/30 (2006.01) C08K 9/00 (2006.01) C08L 101/00 (2006.01) C09B 67/02 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **ORGANIC ACID ANION CONTAINING ALUMINUM SALT HYDROXIDE PARTICLES, PRODUCTION METHOD THEREOF, AND USE THEREOF**
[54] **PARTICULES D'HYDROXYDE DE SEL D'ALUMINIUM CONTENANT UN ANION D'ACIDE ORGANIQUE, PROCEDE DE PRODUCTION DE CELLES-CI ET UTILISATION DE CELLES-CI**
[72] WANG, XING DONG, JP
[72] OKADA, AKIRA, JP
[73] KYOWA CHEMICAL INDUSTRY CO., LTD., JP
[85] 2006-09-05
[86] 2005-03-01 (PCT/JP2005/003831)
[87] (WO2005/085168)
[30] JP (2004-062549) 2004-03-05

[11] **2,565,029**
[13] C
[51] **Int.Cl. A61K 9/44 (2006.01) A61P 3/10 (2006.01) A61P 5/14 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IMMEDIATE RELEASE PHARMACEUTICAL TABLETS WITH HEIGHT GREATER THAN WIDTH**
[54] **TABLETTES PHARMACEUTIQUES A LIBERATION IMMEDIATE PLUS HAUTES QUE LARGES**
[72] SOLOMON, LAWRENCE, US
[72] KAPLAN, ALLAN S., US
[73] ACCU-BREAK TECHNOLOGIES, INC., US
[85] 2006-11-01
[86] 2005-05-23 (PCT/US2005/018633)
[87] (WO2005/112897)
[30] US (60/573,042) 2004-05-21
[30] US (60/573,134) 2004-05-21

[11] **2,565,084**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 1/04 (2006.01) A61P 39/00 (2006.01)**
[25] EN
[54] **USE OF SULGLICOTIDE FOR THE TREATEMENT OF MUCOSITIS**
[54] **UTILISATION DE SULGLICOTIDE POUR LE TRAITEMENT DE L'INFLAMMATION D'UNE MUQUEUSE**
[72] IACOBELLI, MASSIMO, IT
[72] FERRO, LAURA IRIS, IT
[73] GENTIUM SPA, IT
[85] 2006-10-30
[86] 2005-05-12 (PCT/IT2005/000272)
[87] (WO2005/110458)
[30] IT (MI2004A000989) 2004-05-18

[11] **2,565,104**
[13] C
[51] **Int.Cl. C02F 1/28 (2006.01) B01D 39/20 (2006.01)**
[25] EN
[54] **FILTERS HAVING IMPROVED PERMEABILITY AND VIRUS REMOVAL CAPABILITIES**
[54] **FILTRES DE PERMEABILITE ACCRUE ET AUX CAPACITES D'ELIMINATION DES VIRUS RENFORCEES**
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GOLDMAN, STEPHEN ALLEN, US
[72] MITCHELL, MICHAEL DONOVAN, US
[73] PUR WATER PURIFICATION PRODUCTS, INC., US
[85] 2006-10-31
[86] 2005-05-05 (PCT/US2005/015745)
[87] (WO2005/108300)
[30] US (10/840,578) 2004-05-06

[11] **2,566,133**
[13] C
[51] **Int.Cl. A41D 27/26 (2006.01)**
[25] EN
[54] **CHEST WALL PROTECTOR**
[54] **PLASTRON PROTECTEUR**
[72] LINK, MARK S., US
[73] TUFTS MEDICAL CENTER, INC., US
[85] 2006-11-09
[86] 2005-05-12 (PCT/US2005/016878)
[87] (WO2005/112678)
[30] US (60/570,335) 2004-05-12
[30] US (60/591,494) 2004-07-27

[11] **2,567,126**
[13] C
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] FR
[54] **TURBINE BLADE COOLING ARRANGEMENT, TURBINE BLADE COMPRISING IT, TURBINE AND AIRCRAFT ENGINE EQUIPPED WITH SAME**
[54] **AGENCEMENT DE REFROIDISSEMENT D'UNE AUBE D'UNE TURBINE, AUBE DE TURBINE LE COMPORTANT, TURBINE ET MOTEUR D'AERONEF EN ETANT EQUIPES**
[72] DERVAUX, ALEXANDRE, FR
[72] GUIMBARD, JEAN-MICHEL BERNARD, FR
[72] REDON, DAMIEN GILBERT ANDRE, FR
[72] PAPOT, PASCAL BERTRAND YVES CLAUDE, FR
[73] SNECMA, FR
[86] (2567126)
[87] (2567126)
[22] 2006-11-03
[30] FR (05 53357) 2005-11-07

[11] **2,567,645**
[13] C
[51] **Int.Cl. B62D 55/28 (2006.01) B62D 55/20 (2006.01) B60C 27/06 (2006.01)**
[25] EN
[54] **TRACTION CHAIN ASSEMBLY FOR ELASTOMERIC TRACKS**
[54] **ENSEMBLE CHAINE DE TRACTION POUR CHENILLES EN ELASTOMERE**
[72] BRETON, REMI, CA
[72] ROY, DANNY, CA
[73] SOUCY INTERNATIONAL INC., CA
[86] (2567645)
[87] (2567645)
[22] 2006-11-09

[11] **2,567,704**
[13] C
[51] **Int.Cl. A61K 31/445 (2006.01) A61K 31/138 (2006.01) A61K 31/4468 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/20 (2006.01) A61P 25/24 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **SELECTIVE SEROTONIN RECEPTOR INVERSE AGONISTS AS THERAPEUTICS FOR DISEASE**
[54] **AGONISTES INVERSES DE RECEPTEUR DE SEROTONINE SELECTIFS COMME ELEMENTS THERAPEUTIQUES POUR LES MALADIES**
[72] WEINER, DAVID M., US
[72] DAVIS, ROBERT E., US
[72] BRANN, MARK R., US
[73] ACADIA PHARMACEUTICALS INC., US
[85] 2006-11-21
[86] 2005-05-20 (PCT/US2005/017808)
[87] (WO2005/112927)
[30] US (10/850,819) 2004-05-21
[30] US (10/854,035) 2004-05-24

[11] **2,568,657**
[13] C
[51] **Int.Cl. G05F 1/70 (2006.01) H02M 1/12 (2006.01) H02M 7/5387 (2006.01)**
[25] EN
[54] **OUTPUT POWER FACTOR CONTROL OF PULSE-WIDTH MODULATED INVERTER**
[54] **REGULATION DU FACTEUR DE PUISSANCE DE SORTIE D'UN INVERSEUR A MODULATION D'IMPULSIONS EN DUREE**
[72] GARABANDIC, DJORDJE, CA
[73] XANTREX TECHNOLOGY INC., US
[85] 2006-11-30
[86] 2004-06-21 (PCT/CA2004/000915)
[87] (WO2005/124498)

[11] **2,569,834**
[13] C
[51] **Int.Cl. B08B 3/10 (2006.01) B08B 11/00 (2006.01)**
[25] FR
[54] **SIMPLIFIED DEVICE FOR CLEANING AN OBJECT**
[54] **DISPOSITIF SIMPLIFIE DE NETTOYAGE D'UN OBJET**
[72] WEILL, DAVID, CH
[72] SCHINDLER, CLAUDE, CH
[73] WEILL, DAVID, CH
[85] 2006-12-07
[86] 2005-06-09 (PCT/IB2005/001608)
[87] (WO2005/120735)
[30] FR (FR 04 06330) 2004-06-11

---

[11] **2,571,478**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **VIDEO COMPRESSION NOISE IMMUNITY**
[54] **IMMUNITE AU BRUIT DE LA COMPRESSION VIDEO**
[72] GILGEN, ROBERT L., US
[73] AVOCENT CORPORATION, US
[85] 2006-12-20
[86] 2005-05-20 (PCT/US2005/017626)
[87] (WO2006/007135)
[30] US (10/875,679) 2004-06-25

---

[11] **2,572,153**
[13] C
[51] **Int.Cl. C07C 311/21 (2006.01) C07C 233/54 (2006.01) C07C 233/55 (2006.01) C07C 233/81 (2006.01) C07C 235/24 (2006.01) C07C 311/08 (2006.01) C07C 311/10 (2006.01) C07C 311/13 (2006.01) C07C 311/29 (2006.01) C07C 311/44 (2006.01) C07C 311/46 (2006.01) C07D 215/36 (2006.01) C07D 277/46 (2006.01) C07D 333/34 (2006.01) C07D 333/62 (2006.01)**
[25] EN
[54] **PHENYLCARBOXYLIC ACID DERIVATIVES AND USE THEREOF FOR THE TREATMENT OF DIABETES**
[54] **DERIVES D'ACIDE PHENYLCARBOXYLIQUE, ET LEUR UTILISATION POUR TRAITER LE DIABETE**
[72] MOINET, GERARD, FR
[72] BOTTON, GERARD, FR
[72] KERGOAT, MICHELINE, FR
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2006-12-22
[86] 2005-06-01 (PCT/EP2005/005868)
[87] (WO2006/000288)
[30] FR (04 07 076) 2004-06-28

---

[11] **2,572,210**
[13] C
[51] **Int.Cl. A61G 3/00 (2006.01) B60P 1/00 (2006.01)**
[25] EN
[54] **COMBINATION COT LOADING AND FASTENING SYSTEM**
[54] **SYSTEME DE CHARGEMENT ET DE FIXATION DE CIVIERE**
[72] BOURGRAF, ELROY E., US
[72] CHINN, ROBERT C., US
[72] POLLOCK, IRVIN D., US
[72] SUTTON, WARREN DALE, SR., US
[73] FERNO-WASHINGTON, INC., US
[85] 2006-12-22
[86] 2005-06-30 (PCT/US2005/023064)
[87] (WO2006/004820)
[30] US (60/584,012) 2004-06-30

---

[11] **2,572,525**
[13] C
[51] **Int.Cl. D21F 1/48 (2006.01) D21F 3/10 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR DEWATERING A FIBER WEB**
[54] **PROCEDE ET DISPOSITIF DE DESHYDRATATION D'UN VOILE DE CARDE**
[72] BAUBOECK, JOERG, AT
[72] ARNOLD, PAUL, FR
[73] ANDRITZ AG, AT
[86] (2572525)
[87] (2572525)
[22] 2006-12-21
[30] AT (A 14/2006) 2006-01-05

---

[11] **2,573,251**
[13] C
[51] **Int.Cl. A61M 16/04 (2006.01)**
[25] EN
[54] **ORAL AIRWAY**
[54] **CANULE OROPHARYNGEE**
[72] MUNN, MYRON L., US
[73] MUNN, MYRON L., US
[86] (2573251)
[87] (2573251)
[22] 2006-11-22
[30] US (11/584,978) 2006-10-23

---

[11] **2,573,388**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **GROUPING OF SESSION OBJECTS**
[54] **GROUPAGE D'OBJETS DE SESSION**
[72] WALSH, ROD, FI
[72] MEHTA, HARSH, FI
[72] PAILA, TONI, FI
[73] NOKIA CORPORATION, FI
[85] 2007-01-09
[86] 2005-06-20 (PCT/IB2005/001740)
[87] (WO2006/008593)
[30] US (10/890,273) 2004-07-14

[11] **2,573,943**
[13] C
[51] **Int.Cl. C07D 475/00 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **6-FORMYLTETRAHYDROPTERIDINES METHOD FOR PRODUCTION AND USE THEREOF AS MEDICAMENT AGAINST CANCER AMONGST OTHER THINGS**
[54] **6-FORMYLTETRAHYDROPTERIDINES, PROCEDE DE PRODUCTION ET UTILISATION DE CES DERNIERES COMME MEDICAMENTS, NOTAMMENT CONTRE LE CANCER**
[72] HOFFMANN, MATTHIAS, DE
[72] GRAUERT, MATTHIAS, DE
[72] STEEGMAIER, MARTIN, DE
[72] SOLCA, FLAVIO, AT
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2007-01-15
[86] 2005-07-12 (PCT/EP2005/007532)
[87] (WO2006/008028)
[30] DE (10 2004 034 623.2) 2004-07-16

---

[11] **2,575,202**
[13] C
[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/10 (2006.01)**
[25] EN
[54] **COMPOUND MODULATION TRANSFER FUNCTION FOR LASER SURGERY AND OTHER OPTICAL APPLICATIONS**
[54] **FONCTION DE TRANSFERT DE MODULATION COMPOSITE DESTINEE A LA CHIRURGIE AU LASER OU A D'AUTRES APPLICATIONS OPTIQUES**
[72] DAI, GUANGMING, US
[72] YEE, KINGMAN, US
[73] VISX, INCORPORATED, US
[85] 2007-01-22
[86] 2005-07-27 (PCT/US2005/026859)
[87] (WO2006/020422)
[30] US (10/911,400) 2004-08-03

---

[11] **2,575,579**
[13] C
[51] **Int.Cl. D05B 23/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HANDLING TUBULAR KNITTED ARTICLES SUCH AS SOCKS OR THE LIKE TO PERFORM SEWING OF THE TOE**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE MANIPULER DES ARTICLES TRICOTES TUBULAIRES DU TYPE CHAUSSETTES OU ANALOGUES POUR EFFECTUER LA COUTURE DE LA POINTE DE CHAUSSETTE**
[72] MAGNI, ANTONIO, IT
[72] GRASSI, NERINO, IT
[73] GOLDEN LADY COMPANY S.P.A., IT
[85] 2007-01-30
[86] 2005-12-07 (PCT/IT2005/000722)
[87] (WO2006/061870)
[30] IT (FI2004A000259) 2004-12-10

---

[11] **2,576,916**
[13] C
[51] **Int.Cl. G01R 31/12 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETECTING ELECTRIC ARC PHENOMENON ON AT LEAST ONE ELECTRIC CABLE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN PHENOMENE D'ARC ELECTRIQUE SUR AU MOINS UN CABLE ELECTRIQUE**
[72] DUTOYA, MICHEL, FR
[72] MAZEAU, GILLES, FR
[72] VLACICH, CHRISTOPHE, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2007-01-30
[86] 2005-09-28 (PCT/FR2005/002394)
[87] (WO2006/037874)
[30] FR (0410384) 2004-10-01

---

[11] **2,579,955**
[13] C
[51] **Int.Cl. G06F 13/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WIRELESS TRANSMISSION**
[54] **PROCEDE ET SYSTEME POUR TRANSMISSION SANS FIL**
[72] UNGER, ROBERT ALLAN, US
[73] SONY ELECTRONICS INC., US
[85] 2007-03-09
[86] 2005-10-13 (PCT/US2005/036730)
[87] (WO2006/052376)
[30] US (60/624,940) 2004-11-03
[30] US (11/011,865) 2004-12-13
[30] US (11/036,479) 2005-01-13
[30] US (11/231,051) 2005-09-20

---

[11] **2,581,044**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/02 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE, STORAGE DEVICE AND METHOD FOR DISPENSING POWDER**
[54] **DISPOSITIF DE DISTRIBUTION, DISPOSITIF DE STOCKAGE ET PROCEDE DE DISTRIBUTION DE POUDRE**
[72] DUNNE, STEPHEN TERENCE, GB
[72] ROHRSCHNEIDER, MARC, DE
[72] MOSER, ACHIM, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2007-03-21
[86] 2005-10-06 (PCT/EP2005/010768)
[87] (WO2006/037636)
[30] GB (0422106.5) 2004-10-06
[30] GB (0425289.6) 2004-11-17
[30] GB (0427552.5) 2004-12-15
[30] GB (0509108.7) 2005-05-04

[11] **2,581,395**
[13] C
[51] **Int.Cl. B32B 11/02 (2006.01) B32B 7/14 (2006.01) D06N 5/00 (2006.01)**
[25] FR
[54] **SEALING, UV RESISTANT, BITUMEN MEMBRANE, SYSTEM INCORPORATING AND PROCEDURE FOR PRODUCING SAME**
[54] **MEMBRANE D'ETANCHEITE BITUMINEUSE RESISTANTE AUX U.V., SYSTEME INTEGRANT UNE TELLE MEMBRANE ET PROCEDE DE FABRICATION**
[72] BINDSCHEDLER, PIERRE ETIENNE, FR
[72] ROBACH, CHRISTINE, FR
[72] PERRIN, REMI, FR
[73] SOPREMA, FR
[86] (2581395)
[87] (2581395)
[22] 2007-03-13
[30] FR (06 50907) 2006-03-16

[11] **2,582,212**
[13] C
[51] **Int.Cl. E21B 43/116 (2006.01) E21B 43/04 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **INTEGRATED SAND CONTROL COMPLETION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMPLETION INTEGREE AVEC ELIMINATION DU SABLE**
[72] WHITSITT, JOHN, US
[72] VAYNSHTEYN, VLADIMIR, US
[72] HENDERSON, STEVEN W., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2582212)
[87] (2582212)
[22] 2007-03-20
[30] US (11/279,832) 2006-04-14

[11] **2,582,957**
[13] C
[51] **Int.Cl. H04L 5/02 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **PERIODIC IMPULSE NOISE MITIGATION IN A DSL SYSTEM**
[54] **ATTENUATION PERIODIQUE DE BRUIT IMPULSIF DANS UN SYSTEME DSL (LIGNE D'ABONNE NUMERIQUE)**
[72] NORRELL, ANDREW L., US
[72] SEDARAT, HOSSEIN, US
[72] FISHER, KEVIN D., US
[72] ARTMAN, DOUGLAS J., US
[72] SCHLEY-MAY, JAMES T., US
[72] WIESE, BRIAN, US
[73] 2WIRE INC., US
[85] 2007-03-30
[86] 2005-10-11 (PCT/US2005/036655)
[87] (WO2006/042274)
[30] US (60/618,001) 2004-10-11

[11] **2,583,373**
[13] C
[51] **Int.Cl. A61K 31/729 (2006.01)**
[25] EN
[54] **SELF-GELLING ALGINATE SYSTEMS AND USES THEREOF**
[54] **SYSTEMES D'ALGINATE AUTO-GELIFIANTS ET UTILISATIONS ASSOCIEES**
[72] MELVIK, JAN-EGIL, NO
[72] DORNISH, MICHAEL, NO
[72] ONSOYEN, EDVAR, NO
[72] BERGE, ASTRID B., NO
[72] SVENDSEN, TERJE, NO
[73] FMC BIOPOLYMER AS, NO
[85] 2007-04-10
[86] 2005-10-12 (PCT/US2005/036460)
[87] (WO2006/044342)
[30] US (60/617,852) 2004-10-12

[11] **2,583,617**
[13] C
[51] **Int.Cl. C10G 1/02 (2006.01) C10B 47/18 (2006.01) C10B 53/00 (2006.01) C10G 1/10 (2006.01)**
[25] EN
[54] **PYROLYTIC PROCESS AND APPARATUS FOR PRODUCING ENHANCED AMOUNTS OF AROMATIC COMPOUNDS**
[54] **UTILISATION D'UN PROCEDE ET D'UN DISPOSITIF PYROLYTIQUES POUR L'OBTENTION DE QUANTITES ACCRUES DE COMPOSES AROMATIQUES**
[72] GRISPIN, CHARLES W., US
[73] CHARLIE HOLDING INTELLECTUAL PROPERTY, INC., US
[85] 2007-04-12
[86] 2004-10-13 (PCT/US2004/033796)
[87] (WO2006/043924)

[11] **2,583,789**
[13] C
[51] **Int.Cl. A61M 1/36 (2006.01) G01L 19/00 (2006.01)**
[25] EN
[54] **MEMBRANE UNIT, HOUSING OF A PRESSURE MEASURING UNIT AND PRESSURE MEASURING UNIT**
[54] **UNITE DE MEMBRANE, LOGEMENT POUR UNITE DE MESURE DE PRESSION ET UNITE DE MESURE DE PRESSION**
[72] REITER, REINHOLD, IT
[72] CARONNA, MARCO, IT
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2007-04-16
[86] 2005-11-10 (PCT/EP2005/012042)
[87] (WO2006/053673)
[30] EP (04425855.6) 2004-11-17

[11] **2,584,229**
[13] C
[51] **Int.Cl. C01G 31/02 (2006.01) H01M 4/131 (2010.01) C01D 15/02 (2006.01) C01G 31/00 (2006.01)**
[25] FR
[54] **PROCESS FOR THE PREPARATION OF VANADIUM AND LITHIUM OXIDE**
[54] **OXYDE DE LITHIUM ET DE VANDIUM, PROCEDE POUR SA PREPARATION**
[72] GAUBICHER, JOEL, FR
[72] MOREL, BENOIT, FR
[72] DUBARRY, MATTHIEU, FR
[72] GUYOMARD, DOMINIQUE, FR
[72] DESCHAMPS, MARC, FR
[73] BATSCAP, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2007-04-13
[86] 2005-10-18 (PCT/FR2005/002580)
[87] (WO2006/045922)
[30] FR (0411310) 2004-10-22

---

[11] **2,584,326**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **MANAGING RELATED DATA OBJECTS**
[54] **GESTION D'OBJETS DE DONNES APPARENTES**
[72] STEVENS, DANIELL, US
[72] BEAUDRY, DONALD, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2007-04-17
[86] 2005-11-01 (PCT/US2005/039425)
[87] (WO2006/050342)
[30] US (10/979,742) 2004-11-02

---

[11] **2,584,847**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITION FOR AMPLIFYING NUCLEIC ACIDS**
[54] **COMPOSITION POUR L'AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] SARFATI, PATRICE, FR
[72] SAVOYE, CHANTAL, CA
[73] BIO-RAD INNOVATIONS, FR
[85] 2007-04-16
[86] 2005-11-22 (PCT/IB2005/003503)
[87] (WO2006/054172)
[30] FR (0412395) 2004-11-22

---

[11] **2,585,074**
[13] C
[51] **Int.Cl. E05C 19/16 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **A LATCH**
[54] **SERRURE**
[72] STEVENS, KEVIN JOHN, NZ
[73] ASSA ABLOY NEW ZEALAND LIMITED, NZ
[85] 2007-04-20
[86] 2005-10-25 (PCT/NZ2005/000280)
[87] (WO2006/043841)
[30] NZ (536121) 2004-10-22

---

[11] **2,585,339**
[13] C
[51] **Int.Cl. B67D 3/04 (2006.01)**
[25] EN
[54] **TAP FOR DISPENSING LIQUIDS FROM VESSELS**
[54] **ROBINET DE DISTRIBUTION DE LIQUIDES A PARTIR DE RECIPIENTS**
[72] NINI, DIEGO, IT
[73] VITOP MOULDING S.R.L., IT
[85] 2007-04-25
[86] 2005-06-06 (PCT/IT2005/000317)
[87] (WO2006/046262)
[30] IT (TO2004A000749) 2004-10-29

---

[11] **2,585,374**
[13] C
[51] **Int.Cl. E05D 15/16 (2006.01)**
[25] EN
[54] **OPTIMIZED OVERHEAD SECTIONAL DOOR PANEL, ASTRAGAL RECEIVER AND ASSOCIATED METHOD**
[54] **PORTE A DEPLACEMENT VERTICAL OPTIMISEE, RECEPTEUR DE BATTEMENT ET METHODE ASSOCIEE**
[72] LEIST, ALAN R., US
[72] YOUTSEY, THOMAS E., US
[73] CLOPAY BUILDING PRODUCTS R & D COMPANY, INC., US
[85] 2007-04-25
[86] 2005-11-10 (PCT/US2005/040934)
[87] (WO2006/055419)
[30] US (10/991,776) 2004-11-18

---

[11] **2,586,506**
[13] C
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 1/10 (2006.01) C07K 1/13 (2006.01) C07K 16/00 (2006.01) C12P 7/00 (2006.01) G01N 33/532 (2006.01) G01N 33/533 (2006.01) G01N 33/534 (2006.01) G01N 33/546 (2006.01)**
[25] EN
[54] **IMMUNOASSAYS FOR TOPIRAMATE**
[54] **IMMUNODOSAGES POUR LE TOPIRAMATE**
[72] OUYANG, ANLONG, US
[72] ARABSHAHI, LILI, US
[73] SERADYN, INC., US
[85] 2007-04-24
[86] 2005-10-21 (PCT/US2005/038257)
[87] (WO2006/047450)
[30] US (60/621,770) 2004-10-25
[30] US (11/254,507) 2005-10-20

---

[11] **2,586,814**
[13] C
[51] **Int.Cl. A61M 5/31 (2006.01) G09F 3/16 (2006.01)**
[25] EN
[54] **A MEDICATION CLIP**
[54] **PINCE POUR MEDICAMENTS**
[72] FLETCHER, MICHAEL JOHN, AU
[73] REWALL PTY LTD, AU
[85] 2007-05-03
[86] 2005-10-24 (PCT/AU2005/001642)
[87] (WO2006/047813)
[30] AU (2004906359) 2004-11-05

---

[11] **2,589,159**
[13] C
[51] **Int.Cl. C08F 10/00 (2006.01) B01J 19/18 (2006.01) B01J 19/24 (2006.01) C08F 2/14 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **SLURRY PHASE POLYMERISATION PROCESS**
[54] **PROCEDE DE POLYMERISATION EN PHASE DE BOUILLIE**
[72] LEE, STEPHEN KEVIN, GB
[72] MARISSAL, DANIEL, BE
[72] WALWORTH, BRENT R., BE
[73] INEOS MANUFACTURING BELGIUM NV, BE
[85] 2007-04-26
[86] 2005-11-22 (PCT/GB2005/004476)
[87] (WO2006/056756)
[30] GB (0426059.2) 2004-11-26

[11] **2,590,495**
[13] C
[51] **Int.Cl. C10L 1/224 (2006.01) C10L 1/238 (2006.01) C10L 10/14 (2006.01) C10L 10/16 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE FLOWABILITY OF A MIXTURE THAT CONTAINS WAX AND OTHER HYDROCARBONS**
[54] **PROCEDE D'AMLEIORATION DE LA FLUIDITE D'UN MELANGE CONTENANT DE LA CIRE ET D'AUTRES HYDROCARBURES**
[72] VAN BERGEN, PETRUS FRANCISCUS, NL
[72] VAN DIJK, MENNO ANTON, NL
[72] ZEEMAN, ALBERT JAN, NL
[73] SHELL CANADA LIMITED, CA
[85] 2007-05-22
[86] 2005-11-23 (PCT/EP2005/056173)
[87] (WO2006/056578)
[30] EP (04257282.6) 2004-11-24

[11] **2,592,387**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **AUTOMATIC CATEGORIZATION OF ENTRIES IN A CONTACT LIST**
[54] **CLASSEMENT AUTOMATIQUE DES ENTREES D'UNE LISTE DE CONTACT**
[72] VALESKI, JUDSON, US
[73] FACEBOOK, INC., US
[85] 2007-06-19
[86] 2005-12-20 (PCT/US2005/045663)
[87] (WO2006/068955)
[30] US (11/237,718) 2005-09-29

[11] **2,592,438**
[13] C
[51] **Int.Cl. C07K 14/16 (2006.01)**
[25] EN
[54] **SYNTHESIS OF PEPTIDE T-20 USING PEPTIDE INTERMEDIATE FRAGMENTS**
[54] **SYNTHESE DU PEPTIDE T-20 A L'AIDE DE FRAGMENTS D'INTERMEDIAIRES PEPTIDIQUES**
[72] HAN, YEUN-KWEI, US
[72] JOHNSTON, DAVID A., US
[72] KHATRI, HIRALAL N., US
[73] F.HOFFMANN-LA ROCHE AG, CH
[85] 2007-06-22
[86] 2005-12-22 (PCT/EP2005/013853)
[87] (WO2006/069728)
[30] US (60/640,911) 2004-12-30

[11] **2,592,450**
[13] C
[51] **Int.Cl. C07C 209/68 (2006.01) C07C 309/65 (2006.01) C07C 309/72 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF 3-(2-HYDROXY-5-METHYLPHENYL)-N,N-DIISOPROPYL-3-PHENYLPROPYLAMINE**
[54] **PROCEDE DE PREPARATION DE 3-(2-HYDROXY-5-METHYLPHENYL)-N,N-DIISOPROPYL-3-PHENYLPROPYLAMINE**
[72] TOPLAK, RENATA, SI
[73] LEK PHARMACEUTICALS D.D., SI
[85] 2007-06-22
[86] 2005-12-22 (PCT/EP2005/013899)
[87] (WO2006/066931)
[30] SI (P-200400349) 2004-12-24

[11] **2,592,616**
[13] C
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **COMMUNICATING NON-COHERENT DETECTABLE SIGNAL IN BROADBAND WIRELESS ACCESS SYSTEM**
[54] **COMMUNICATION D'UN SIGNAL DETECTABLE NON COHERENT DANS UN SYSTEME D'ACCES SANS FIL LARGE BANDE**
[72] IHM, BIN CHUL, KR
[72] CHUN, JIN YOUNG, KR
[72] JIN, YONG SUK, KR
[73] LG ELECTRONICS INC., KR
[85] 2007-06-26
[86] 2005-12-27 (PCT/KR2005/004577)
[87] (WO2006/071050)
[30] KR (10-2004-0112990) 2004-12-27
[30] KR (10-2005-0002266) 2005-01-10
[30] KR (10-2005-0035405) 2005-04-28

[11] **2,592,955**
[13] C
[51] **Int.Cl. B65G 45/16 (2006.01)**
[25] EN
[54] **CONVEYOR BELT SCRAPER**
[54] **RACLEUR DE BANDE TRANSPORTEUSE**
[72] MAT, GHISLAIN JUSTIN MARIE, ZA
[73] MAT, GHISLAIN JUSTIN MARIE, ZA
[85] 2007-07-03
[86] 2005-09-06 (PCT/IB2005/002621)
[87] (WO2006/097786)
[30] ZA (2005/02312) 2005-03-18
[30] ZA (2005/02311) 2005-03-18

[11] **2,594,403**
[13] C
[51] **Int.Cl. A61F 5/443 (2006.01) A61B 19/08 (2006.01) A61F 13/02 (2006.01) A61L 24/04 (2006.01)**
[25] EN
[54] **SEALING FILM DRESSING**
[54] **PANSEMENT A FILM D'ETANCHEITE**
[72] FABO, TOMAS, SE
[72] SODERSTROM, BENGT, SE
[72] SVENSBY, ANNA, SE
[73] MOLNLYCKE HEALTH CARE AB, SE
[85] 2007-07-05
[86] 2006-01-09 (PCT/SE2006/000025)
[87] (WO2006/075950)
[30] SE (0500061-7) 2005-01-11

[11] **2,594,745**
[13] C
[51] **Int.Cl. H01M 10/04 (2006.01) H01M 4/75 (2006.01) H04R 1/02 (2006.01) H04R 25/00 (2006.01) H04R 25/02 (2006.01)**
[25] EN
[54] **HEARING AID WITH RECHARGEABLE BATTERY AND RECHARGEABLE BATTERY**
[54] **PROTHESE AUDITIVE COMPRENANT UNE BATTERIE RECHARGEABLE ET BATTERIE RECHARGEABLE**
[72] PETERSEN, ANDERS ERIK, DK
[72] RASMUSSEN, FRANK ENGEL, DK
[72] POULSEN, HENNING KNAK, DK
[72] GUDNASON, GUNNAR, DK
[73] OTICON A/S, DK
[85] 2007-07-12
[86] 2006-01-12 (PCT/EP2006/050168)
[87] (WO2006/077192)
[30] DK (PA 2005 00105) 2005-01-20

[11] **2,594,826**
[13] C
[51] **Int.Cl. H01M 10/44 (2006.01) H02J 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR THE BALANCED CHARGING OF A LITHIUM-ION OR LITHIUM-POLYMER BATTERY**
[54] **PROCEDE DE CHARGEMENT EQUILIBRE D'UNE BATTERIE LITHIUM-ION OU LITHIUM POLYMERE**
[72] PELLENC, ROGER, FR
[73] PELLENC (SOCIETE ANONYME), FR
[85] 2007-07-13
[86] 2006-01-10 (PCT/FR2006/050008)
[87] (WO2006/075112)
[30] FR (0500423) 2005-01-14

[11] **2,595,048**
[13] C
[51] **Int.Cl. E21B 10/46 (2006.01) B23B 51/00 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **CUTTER GEOMETRY FOR INCREASED BIT LIFE AND BITS INCORPORATING THE SAME**
[54] **GEOMETRIE DE FRAISE POUR L'AMELIRATION DE LA DUREE DE VIE DE MECHE ET MECHES CONNEXES**
[72] SHEN, YUELIN, US
[72] ZHANG, YOUHE, US
[72] HUANG, SUJIAN J., CN
[72] CARIVEAU, PETER THOMAS, US
[73] SMITH INTERNATIONAL, INC., US
[86] (2595048)
[87] (2595048)
[22] 2007-07-23
[30] US (60/833,127) 2006-07-24

[11] **2,595,182**
[13] C
[51] **Int.Cl. C07D 473/00 (2006.01) A61K 31/52 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) C07D 473/32 (2006.01)**
[25] EN
[54] **HALOARYL SUBSTITUTED AMINOPURINES, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH**
[54] **AMINOPURINES A SUBSTITUTION HALOARYLE, COMPOSITIONS LES CONTENANT, ET METHODES DE TRAITEMENT ASSOCIEES HALOARYL**
[72] ALBERS, RONALD, US
[72] AYALA, LETICIA, US
[72] CLAREEN, STEVEN S., US
[72] DELGADO MEDEROS, MARIA M., US
[72] HILGRAF, ROBERT, US
[72] HEGDE, SAYEE, US
[72] HUGHES, KEVIN, US
[72] KOIS, ADAM, US
[72] PLANTEVIN-KRENITSKY, VERONIQUE, US
[72] MCCARRICK, MEG, US
[72] NADOLNY, LISA, US
[72] PALANKI, MOORTHY, US
[72] SAHASRABUDHE, KIRAN, US
[72] SAPIENZA, JOHN, US
[72] SATOH, YOSHITAKA, US
[72] SLOSS, MARIANNE, US
[72] SUDBECK, ELISE, US
[72] WRIGHT, JONATHAN, US
[72] COLE, ANDREW G., US
[72] HENDERSON, IAN, US
[73] SIGNAL PHARMACEUTICALS, LLC, US
[73] PHARMACOPEIA DRUG DISCOVERY, INC., US
[85] 2007-07-13
[86] 2006-01-13 (PCT/US2006/001275)
[87] (WO2006/076595)
[30] US (60/643,796) 2005-01-13
[30] US (60/709,980) 2005-08-19

[11] **2,595,680**
[13] C
[51] **Int.Cl. H04W 48/18 (2009.01)**
[25] EN
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING SELECTION BY A MOBILE NODE OF A NETWORK PORTION TO COMMUNICATE TO EFFECTUATE A SELECTED COMMUNICATION SERVICE**
[54] **APPAREIL ET SON PROCEDE PERMETTANT DE FACILITER LA SELECTION D'UNE PARTIE DE RESEAU AU MOYEN D'UN NOEUD MOBILE AFIN DE COMMUNIQUER ET DE FOURNIR UN SERVICE DE COMMUNICATION SELECTIONNE**
[72] BUCKLEY, ADRIAN, US
[72] ALFANO, NICHOLAS P., GB
[73] RESEARCH IN MOTION LIMITED, CA
[85] 2007-07-24
[86] 2006-01-30 (PCT/CA2006/000112)
[87] (WO2006/079214)
[30] EP (05250476.8) 2005-01-28

[11] **2,595,813**
[13] C
[51] **Int.Cl. D21F 11/00 (2006.01) G06F 7/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO CONTROL PRESS SECTION DEWATERING ON PAPER AND PULP DRYING MACHINES USING CHEMICAL DEWATERING AGENTS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER L'ESSORAGE DE LA SECTION DES PRESSES SUR DES APPAREILS DE SECHAGE DE PAPIER ET DE PATES A L'AIDE D'AGENTS D'ESSORAGE CHIMIQUES**
[72] WEINSTEIN, DAVID IRA, US
[72] ST. JOHN, MICHAEL ROBERT, US
[72] BANKS, RODNEY H., US
[72] THOMAS, JAMES L., US
[73] NALCO COMPANY, US
[85] 2007-07-25
[86] 2006-01-25 (PCT/US2006/002332)
[87] (WO2006/081199)
[30] US (11/043,700) 2005-01-26

[11] **2,596,589**
[13] C
[51] **Int.Cl. H05H 1/24 (2006.01)**
[25] EN
[54] **ATMOSPHERIC-PRESSURE PLASMA JET**
[54] **JET DE PLASMA SOUS PRESSION ATMOSPHERIQUE**
[72] REGO, ROBBY JOZEF MARTIN, BE
[72] HAVERMANS, DANNY, BE
[72] COOLS, JAN JOZEF, BE
[73] VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V. (VITO), BE
[85] 2007-08-01
[86] 2006-02-06 (PCT/BE2006/000008)
[87] (WO2006/081637)
[30] EP (05447017.4) 2005-02-04

[11] **2,596,754**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE 1H-IMIDAZO[4,5-B]PYRIDIN-5-AMINE,7-[5-[(CYCLOHEXYLMETHYLAMINO)-METHYL]-1H-INDOL-2-YL]-2-METHYL, SULFATE (1:1), TRIHYDRATE AND ITS USES FOR THE TREATMENT OF INFLAMMATORY, AUTOIMMUNE AND PROLIFERATIVE DISEASES AND DISORDERS**
[54] **MELANGE 1H-IMIDAZO[4,5-B]PYRIDIN-5-AMINE:SULFATE DE 7-[5-[(CYCLOHEXYLMETHYLAMINO)METHYL]-1H-INDOL-2-YL]-2-METHYLE A (1:1) TRIHYDRATE SOUS FORME DE CRISTAUX ET UTILISATIONS POUR LETRAITEMENT DE MALADIES ET DESORDRES INFLAMMATOIRES, AUTOIMMUNES ET PROLIFERANTS**
[72] CHASE, CHARLES E., US
[72] KUSHIDA, IKUO, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2007-08-02
[86] 2006-02-01 (PCT/US2006/003463)
[87] (WO2006/083908)
[30] US (60/648,701) 2005-02-02

[11] **2,597,041**
[13] C
[51] **Int.Cl. F16B 19/08 (2006.01)**
[25] EN
[54] **CLINCH/BROACH CONNECTOR**
[54] **CONNECTEUR FORMANT RIVET/BROCHE**
[72] MALONEY, MICHAEL J., US
[73] PEM MANAGEMENT, INC., US
[85] 2007-08-07
[86] 2006-01-24 (PCT/US2006/002399)
[87] (WO2006/086145)
[30] US (60/650,519) 2005-02-08
[30] US (11/306,840) 2006-01-12

[11] **2,598,010**
[13] C
[51] **Int.Cl. B29C 43/08 (2006.01) B29C 33/04 (2006.01) B29C 33/46 (2006.01) B29C 43/50 (2006.01) B29C 43/52 (2006.01)**
[25] EN
[54] **MOLDING MACHINE**
[54] **MACHINE DE MOULAGE**
[72] ROTE, B. JACK, US
[72] REED, VANCE E., US
[72] ZORGER, RICHARD E., US
[73] BERRY PLASTICS CORPORATION, US
[85] 2007-08-13
[86] 2006-06-05 (PCT/US2006/021734)
[87] (WO2006/138096)
[30] US (11/155,354) 2005-06-17

[11] **2,598,586**
[13] C
[51] **Int.Cl. G01N 27/327 (2006.01) A61B 5/145 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **TEST ELEMENT FOR ANALYSING BODILY FLUIDS**
[54] **ELEMENT D'ESSAI POUR ANALYSER DES LIQUIDES CORPORELS**
[72] PACHL, RUDOLF, DE
[72] BABIC, BRANISLAV, DE
[72] HOFERER, JUERGEN, DE
[72] FRANK, MARTIN, DE
[72] SCHMID, WILFRIED, DE
[72] GRIESHEIMER, HANS-LUDWIG, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2007-08-21
[86] 2006-03-22 (PCT/EP2006/002643)
[87] (WO2006/100064)
[30] EP (05102290.3) 2005-03-22

[11] **2,598,993**
[13] C
[51] **Int.Cl. C07D 231/56 (2006.01) A61K 31/416 (2006.01) A61P 35/00 (2006.01) C07D 209/14 (2006.01)**
[25] EN
[54] **TETRAHYDROINDOLONE AND TETRAHYDROINDAZOLONE DERIVATIVES**
[54] **DERIVES DE TETRAHYDROINDOLONE ET DE TETRAHYDROINDAZOLONE**
[72] HUANG, KENNETH HE, US
[72] EAVES, JERON, US
[72] VEAL, JAMES, US
[72] BARTA, THOMAS, US
[72] GENG, LIFENG, US
[72] HINKLEY, LINDSAY, US
[72] HANSON, GUNNAR, US
[73] SERENEX, INC., US
[85] 2007-08-23
[86] 2006-02-27 (PCT/US2006/006988)
[87] (WO2006/091963)
[30] US (60/656,230) 2005-02-25
[30] US (60/705,715) 2005-08-04
[30] US (60/727,965) 2005-10-18

[11] **2,599,120**
[13] C
[51] **Int.Cl. F03B 17/06 (2006.01)**
[25] EN
[54] **DEVICE FOR MAINTAINING A HYDRAULIC TURBOMACHINE**
[54] **DISPOSITIF DE MAINTIEN D'UNE TURBOMACHINE HYDRAULIQUE**
[72] ACHARD, JEAN-LUC, FR
[72] IMBAULT, DIDIER, FR
[72] MAITRE, THIERRY, FR
[73] INSTITUT POLYTECHNIQUE DE GRENOBLE, FR
[73] ELECTRICITE DE FRANCE, FR
[85] 2007-08-13
[86] 2006-02-14 (PCT/FR2006/050135)
[87] (WO2006/085042)
[30] FR (0550420) 2005-02-14

[11] **2,599,322**
[13] C
[51] **Int.Cl. C12N 15/40 (2006.01) A61K 39/12 (2006.01) C07K 14/08 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/86 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **N PROTEIN MUTANTS OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS**
[54] **MUTANTS DE LA PROTEINE N DU VIRUS DU SYNDROME DYSGENESIQUE ET RESPIRATOIRE DU PORC (PRRS)**
[72] YOO, DONGWAN, GB
[72] LEE, CHANGHEE, GB
[72] CALVERT, JAY GREGORY, US
[72] WELCH, SIAO-KUN, US
[73] ZOETIS P LLC, US
[85] 2007-08-24
[86] 2006-02-13 (PCT/IB2006/000376)
[87] (WO2006/129139)
[30] US (60/656,523) 2005-02-25
[30] US (60/730,663) 2005-10-27

[11] **2,599,427**
[13] C
[51] **Int.Cl. B42D 15/00 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE**
[72] EMERICH, MARKUS, AT
[72] DEINHAMMER, HARALD, AT
[73] OESTERREICHISCHE BANKNOTEN-UND SICHERHEITSDRUCK GMBH, AT
[85] 2007-08-28
[86] 2006-03-16 (PCT/AT2006/000110)
[87] (WO2006/099642)
[30] AT (A 481/2005) 2005-03-21

[11] **2,599,842**
[13] C
[51] **Int.Cl. C25B 11/02 (2006.01) C02F 1/461 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **CYLINDRICAL ELECTRODE**
[54] **ELECTRODE CYLINDRIQUE**
[72] MOJANA, CORRADO, IT
[72] BUONERBA, LUCA, IT
[72] ROSSI, PAOLO, IT
[73] INDUSTRIE DE NORA S.P.A., IT
[85] 2007-08-30
[86] 2006-03-09 (PCT/EP2006/002191)
[87] (WO2006/094814)
[30] IT (MI2005A000373) 2005-03-09

[11] **2,601,213**
[13] C
[51] **Int.Cl. A61F 2/07 (2013.01)**
[25] EN
[54] **LOW PROFILE STENT-GRAFT ATTACHMENT**
[54] **FIXATION DE GREFFON-ENDOPROTHESE VASCULAIRE PLATE**
[72] SHERRY, JOHN, US
[72] QUIGLEY, FERGUS, US
[73] BOSTON SCIENTIFIC LIMITED, BB
[85] 2007-06-20
[86] 2005-12-27 (PCT/US2005/047163)
[87] (WO2006/071906)
[30] US (11/025,826) 2004-12-28

[11] **2,601,507**
[13] C
[51] **Int.Cl. D21C 9/00 (2006.01) D21H 11/00 (2006.01) D21H 17/15 (2006.01) D21H 21/30 (2006.01) D21H 21/32 (2006.01) D21H 23/00 (2006.01) D21H 23/22 (2006.01)**
[25] EN
[54] **IMPROVED COMPOSITIONS AND PROCESSES FOR PAPER PRODUCTION**
[54] **COMPOSITION AMELIOREE ET PROCEDES DE PRODUCTION DE PAPIER**
[72] DUGGIRALA, PRASAD, US
[72] SHEVCHENKO, SERGEY, US
[73] NALCO COMPANY, US
[85] 2007-09-13
[86] 2006-04-07 (PCT/US2006/013479)
[87] (WO2006/110751)
[30] US (11/102,318) 2005-04-08
[30] US (60/718,475) 2005-09-19
[30] US (60/721,847) 2005-09-29
[30] US (11/387,499) 2006-03-23

[11] **2,601,807**
[13] C
[51] **Int.Cl. C12M 1/22 (2006.01)**
[25] EN
[54] **SUPPORT DEVICE FOR CELLS CULTURE**
[54] **DISPOSITIF SUPPORT POUR CULTURE CELLULAIRE**
[72] PERRIER, ERIC, FR
[72] DAMOUR, ODILE, FR
[72] ANDRE, VALERIE, FR
[73] BASF BEAUTY CARE SOLUTIONS FRANCE SAS, FR
[73] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2007-08-02
[86] 2006-01-26 (PCT/IB2006/002916)
[87] (WO2007/031871)
[30] FR (0501051) 2005-02-02

---

[11] **2,602,011**
[13] C
[51] **Int.Cl. C09B 67/22 (2006.01) D06P 1/10 (2006.01)**
[25] EN
[54] **METAL COMPLEX DYE MIXTURES**
[54] **MELANGES COLORANTS A BASE DE COMPLEXES METALLIQUES**
[72] RUCHSER, THOMAS, DE
[72] STEINAU, OLIVER, DE
[72] GIEHL, ANDREAS, DE
[73] DYSTAR COLOURS DISTRIBUTION GMBH, DE
[85] 2007-09-18
[86] 2006-03-15 (PCT/EP2006/060760)
[87] (WO2006/100200)
[30] DE (10 2005 012 730.4) 2005-03-19

---

[11] **2,602,354**
[13] C
[51] **Int.Cl. H01B 7/00 (2006.01) H01B 7/18 (2006.01) H01B 11/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A SENSOR WIRE**
[54] **PROCEDE ET DISPOSITIF POUR FIL DETECTEUR**
[72] MAGNER, SCOTT, US
[73] ROCKBESTOS SURPRENANT CABLE CORP., US
[85] 2007-09-27
[86] 2006-01-30 (PCT/US2006/003239)
[87] (WO2006/104559)
[30] US (11/091,259) 2005-03-28

---

[11] **2,602,379**
[13] C
[51] **Int.Cl. A61K 47/22 (2006.01) A61K 31/4192 (2006.01)**
[25] EN
[54] **METHOD OF INCREASING DRUG ORAL BIOAVAILABILITY AND COMPOSITIONS OF LESS TOXIC OROTATE SALTS**
[54] **PROCEDE D'AUGMENTATION DE BIODISPONIBILITE ORALE DE MEDICAMENT ET COMPOSITIONS DE SELS D'OROTATE MOINS TOXIQUES**
[72] KARMALI, RASHIDA A., US
[73] SAVVIPHARM INC, US
[85] 2007-08-16
[86] 2006-02-21 (PCT/US2006/006060)
[87] (WO2006/091575)
[30] US (11/063,943) 2005-02-22

---

[11] **2,603,081**
[13] C
[51] **Int.Cl. A61K 31/573 (2006.01) A61K 9/00 (2006.01) A61M 31/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHODS FOR TREATING PARANASAL SINUS CONDITIONS**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DES AFFECTIONS SINUS PARANASAUX**
[72] EATON, DONALD J., US
[72] TICE, THOMAS R., US
[72] DOWNIE, DAVID B., US
[72] ARENSDORF, PATRICK A., US
[72] BRENNEMAN, RODNEY, US
[72] BIGGS, DANIELLE L., US
[73] INTERSECT ENT, INC., US
[85] 2007-09-27
[86] 2006-04-04 (PCT/US2006/012484)
[87] (WO2006/107957)
[30] US (60/668,569) 2005-04-04

---

[11] **2,603,475**
[13] C
[51] **Int.Cl. C07C 243/38 (2006.01) A61K 31/166 (2006.01) A61K 31/277 (2006.01) C07C 241/02 (2006.01) C07C 255/57 (2006.01) C07C 323/62 (2006.01)**
[25] EN
[54] **ACYL HYDRAZIDES AS KINASE INHIBITORS, IN PARTICULAR FOR SGK**
[54] **ACYLHYDRAZIDES UTILISES COMME INHIBITEUR DE KINASE, NOTAMMENT DE LA SGK**
[72] GERICKE, ROLF, DE
[72] DORSCH, DIETER, DE
[72] MEDERSKI, WERNER, DE
[72] KLEIN, MARKUS, DE
[72] BEIER, NORBERT, DE
[72] LANG, FLORIAN, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2007-10-02
[86] 2006-03-10 (PCT/EP2006/002220)
[87] (WO2006/105850)
[30] DE (10 2005 015 255.4) 2005-04-04

---

[11] **2,604,711**
[13] C
[51] **Int.Cl. C09D 5/44 (2006.01)**
[25] EN
[54] **PROCESS FOR THE COATING OF METALLIC COMPONENTS WITH AN AQUEOUS ORGANIC COMPOSITION**
[54] **PROCEDE DE REVETEMENT DE COMPOSANTS METALLIQUES A L'AIDE D'UNE COMPOSITION ORGANIQUE AQUEUSE**
[72] SMITH, NOEL, US
[72] DOMES, HERIBERT, DE
[73] CHEMETALL GMBH, DE
[85] 2007-10-10
[86] 2006-04-13 (PCT/EP2006/003416)
[87] (WO2006/108657)
[30] US (11/106,032) 2005-04-14

[11] **2,604,721**
[13] C
[51] **Int.Cl. C08G 65/30 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING RESIDUAL ETHYLENE OXIDE MONOMER IN POLYETHYLENE OXIDE**
[54] **PROCEDE DESTINE A ELIMINER LE MONOMERE RESIDUEL D'OXYDE D'ETHYLENE SUR LE POLYOXYDE D'ETHYLENE**
[72] KOBAYASHI, SHINJI, JP
[72] TERAMOTO, MASAKI, JP
[72] KATOU, MAKOTO, JP
[72] IDO, TOHRU, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2007-10-15
[86] 2006-04-12 (PCT/JP2006/307734)
[87] (WO2006/115056)
[30] JP (2005-122663) 2005-04-20

---

[11] **2,606,415**
[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 49/00 (2006.01)**
[25] FR
[54] **DEVICE FOR EXTRACTING AT LEAST ONE TYPE OF GAS CONTAINED IN A DRILLING MUD, AN ANALYSIS ARRANGEMENT AND A RELATED EXTRACTION METHOD**
[54] **DISPOSITIF D'EXTRACTION D'AU MOINS UN GAZ CONTENU DANS UNE BOUE DE FORAGE, ENSEMBLE D'ANALYSE ET PROCEDE D'EXTRACTION ASSOCIE**
[72] EVRARD, JEAN-FRANCOIS, FR
[73] GEOSERVICES EQUIPEMENTS, FR
[85] 2007-10-18
[86] 2006-04-24 (PCT/FR2006/000914)
[87] (WO2006/114512)
[30] FR (0504249) 2005-04-27

---

[11] **2,606,643**
[13] C
[51] **Int.Cl. G21G 1/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATICALLY PRODUCING RADIOISOTOPES**
[54] **SYSTEME DE PRODUCTION AUTOMATIQUE DE RADIO-ISOTOPES**
[72] BEDESCHI, PAOLO, IT
[73] COMECER S.P.A., IT
[85] 2007-10-29
[86] 2006-04-26 (PCT/EP2006/061853)
[87] (WO2006/114433)
[30] EP (05425262.2) 2005-04-27

---

[11] **2,606,877**
[13] C
[51] **Int.Cl. C08B 37/00 (2006.01) C08B 37/10 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING THE CONTENT OF SELECTED COMPONENT(S) FROM POLYMER(S) USING MOLECULAR SIEVE(S)**
[54] **PROCEDE DE CONTROLE DU CONTENU DE COMPOSANT(S) SELECTIONNE(S) A PARTIR DE POLYMERE(S) AU MOYEN DE TAMIS MOLECULAIRE(S)**
[72] THWAITES, ERIC, DK
[72] BARFOD, MARTIN, DK
[72] BACH, POUL, DK
[73] NOVOZYMES BIOPHARMA DK A/S, DK
[85] 2007-11-02
[86] 2006-04-28 (PCT/DK2006/000231)
[87] (WO2006/117001)
[30] DK (PA 2005 00661) 2005-05-04

---

[11] **2,606,939**
[13] C
[51] **Int.Cl. C08G 65/08 (2006.01) A61K 38/00 (2006.01) C08G 65/333 (2006.01) C08G 69/48 (2006.01)**
[25] EN
[54] **POLYMERIC DERIVATIVE OF CYTIDINE METABOLIC ANTAGONIST**
[54] **DERIVE POLYMERE D'UN ANTAGONISTE METABOLIQUE DE LA CYTIDINE**
[72] MASUDA, AKIRA, JP
[72] ONDA, TAKESHI, JP
[72] MASHIBA, HIROKO, JP
[72] YAMAMOTO, KEIICHIROU, JP
[72] TAKASHIO, KAZUTOSHI, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2007-10-26
[86] 2006-04-27 (PCT/JP2006/308826)
[87] (WO2006/120914)
[30] JP (2005-138249) 2005-05-11

---

[11] **2,607,813**
[13] C
[51] **Int.Cl. D21C 9/06 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR THE TREATMENT OF CELLULOSE PULP IN A WASHING APPARATUS ADAPTED TO FACILITATE SERVICE AND INSPECTION OF THE APPARATUS**
[54] **DISPOSITIF DE TRAITEMENT DE LA PATE A PAPIER POUR APPAREIL DE LAVAGE, VISANT A FACILITER L'ENTRETIEN ET LE CONTROLE DUDIT APPAREIL**
[72] ANDERSSON, RICKARD, SE
[72] BYLANDER, JOHAN, SE
[72] HENRIKSSON, MAGNUS, SE
[72] LUNDBERG, JORGEN T., SE
[73] METSO PAPER, INC., FI
[85] 2007-11-02
[86] 2006-06-02 (PCT/SE2006/000653)
[87] (WO2006/130088)
[30] SE (0501280-2) 2005-06-03

[11] **2,608,796**
[13] C
[51] **Int.Cl. G01N 33/00 (2006.01)**
[25] EN
[54] **FREE THYROXINE AND FREE TRIIODOTHYRONINE ANALYSIS BY MASS SPECTROMETRY**
[54] **ANALYSE DE THYROXINE LIBRE ET DE TRIIODOTHYRONINE LIBRE PAR SPECTROMETRIE DE MASSE**
[72] SOLDIN, STEVEN J., US
[73] GEORGETOWN UNIVERSITY, US
[85] 2007-09-24
[86] 2005-10-20 (PCT/US2005/038232)
[87] (WO2006/107339)
[30] US (60/666,712) 2005-03-31

[11] **2,608,814**
[13] C
[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF PYRIMIDYLAMINOBENZAMIDE COMPOUNDS AND IMATINIB FOR TREATING OR PREVENTING PROLIFERATIVE DISEASES**
[54] **COMBINAISON DE COMPOSES DE PYRIMIDYLAMINOBENZAMIDE ET IMATINIB PERMETTANT DE TRAITER OU DE PREVENIR LES MALADIES PROLIFERATIVES**
[72] ALLAND, LEILA, US
[72] MANLEY, PAUL W., CH
[72] MESTAN, JUERGEN, DE
[73] NOVARTIS AG, CH
[85] 2007-11-19
[86] 2006-06-02 (PCT/US2006/021307)
[87] (WO2006/132930)
[30] US (60/687,758) 2005-06-03

[11] **2,609,316**
[13] C
[51] **Int.Cl. C23F 11/04 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **CORROSION INHIBITOR FORMULATIONS WITH IMPROVED PERFORMANCE, LOWER TOXICITY AND REDUCED MANUFACTURING HAZARDS**
[54] **FORMULATIONS D'INHIBITEUR DE CORROSION AYANT DE MEILLEURS PERFORMANCES, UNE PLUS FAIBLE TOXICITE ET DES DANGERS DE FABRICATION REDUITS**
[72] MCCORMICK, DAVID R., US
[72] BERSHAS, JAMES P., US
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2007-11-19
[86] 2006-05-10 (PCT/US2006/018090)
[87] (WO2006/127278)
[30] US (60/682,931) 2005-05-20

[11] **2,609,418**
[13] C
[51] **Int.Cl. C07H 21/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 25/32 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) A23L 1/20 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C12N 9/88 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **SOYBEAN EVENT MON89788 AND METHODS FOR DETECTION THEREOF**
[54] **EVENEMENT DE SOJA MON89788 ET PROCEDES DE DETECTION DE CELUI-CI**
[72] MALVEN, MARIANNE, US
[72] RINEHART, JENNIFER, US
[72] TAYLOR, NANCY, US
[72] DICKINSON, ELLEN, US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2007-11-23
[86] 2006-05-26 (PCT/US2006/020323)
[87] (WO2006/130436)
[30] US (60/685,584) 2005-05-27

[11] **2,609,441**
[13] C
[51] **Int.Cl. C07D 209/88 (2006.01) A61K 31/403 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **3-AMINOCARBAZOLE COMPOUNDS, PHARMACEUTICAL COMPOSITION CONTAINING THE SAME AND METHOD FOR THE PREPARATION THEREOF**
[54] **COMPOSES 3-AMINOCARBAZOLE, COMPOSITION PHARMACEUTIQUE CONTENANT CES COMPOSES ET SON PROCEDE DE PREPARATION**
[72] ALISI, MARIA ALESSANDRA, IT
[72] DRAGONE, PATRIZIA, IT
[72] FURLOTTI, GUIDO, IT
[72] CAZZOLLA, NICOLA, IT
[72] RUSSO, VINCENZO, IT
[72] MANGANO, GIORGINA, IT
[72] COLETTA, ISABELLA, IT
[72] POLENZANI, LORENZO, IT
[73] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
[85] 2007-11-23
[86] 2006-07-25 (PCT/EP2006/007393)
[87] (WO2007/014687)
[30] IT (MI2005A001523) 2005-08-03

[11] **2,612,080**
[13] C
[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/14 (2006.01) A61K 47/26 (2006.01) A61K 47/44 (2006.01)**
[25] EN
[54] **IMMEDIATE-RELEASE THERAPEUTIC SYSTEMS FOR IMPROVED ORAL ABSORPTION OF 7-[(E)-T-BUTYLOXYIMINOMETHYL] CAMPTOTHECIN**
[54] **SYSTEMES THERAPEUTIQUES A LIBERATION IMMEDIATE POUR UNE MEILLEURE ABSORPTION PAR VOIE ORALE DE LA 7-[(E)]-T-BUTYLOXYMINOMETHYLE] CAMPTOTHECINE**
[72] LONGO, ANTONIO, IT
[72] PACE, SILVIA, IT
[72] PEDRANI, MASSIMO, IT
[73] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2007-12-12
[86] 2006-07-11 (PCT/EP2006/064111)
[87] (WO2007/017331)
[30] IT (RM2005A000418) 2005-08-04

---

[11] **2,612,251**
[13] C
[51] **Int.Cl. H04W 68/02 (2009.01) H04W 52/02 (2009.01) H04J 11/00 (2006.01) H04L 27/18 (2006.01)**
[25] EN
[54] **QUICK PAGING CHANNEL WITH REDUCED PROBABILITY OF MISSED PAGE**
[54] **CANAL DE MESSAGERIE RAPIDE A PROBABILITE REDUITE D'OUBLI DE MESSAGE ENVOYE SUR TELEAVERTISSEUR**
[72] PRAKASH, RAJAT, US
[72] ULUPINAR, FATIH, US
[73] QUALCOMM INCORPORATED, US
[85] 2007-12-13
[86] 2006-06-16 (PCT/US2006/023587)
[87] (WO2006/138625)
[30] US (60/691,469) 2005-06-16
[30] US (60/731,037) 2005-10-27

---

[11] **2,612,292**
[13] C
[51] **Int.Cl. C07C 271/22 (2006.01) A61K 31/27 (2006.01) A61P 7/04 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ACYLOXYALKYL CARBAMATE PRODRUGS OF TRANEXAMIC ACID, METHODS OF SYNTHESIS AND USE**
[54] **PRODROGUES DE CARBAMATE D'ACYLOXYALKYLE D'ACIDE TRANEXAMIQUE, LEURS PROCEDES DE SYNTHESE ET LEUR UTILISATION**
[72] JANDELEIT, BERND, US
[72] LI, YUNXIAO, US
[72] ZERANGUE, NOA, US
[72] GALLOP, MARK A., US
[73] XENOPORT, INC., US
[85] 2007-12-14
[86] 2006-06-20 (PCT/US2006/023873)
[87] (WO2007/002013)
[30] US (60/692,625) 2005-06-20

---

[11] **2,612,381**
[13] C
[51] **Int.Cl. A61D 17/00 (2006.01) A61B 10/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING THE REPRODUCTIVE STATUS, IN PARTICULAR THE OESTRUS CYCLE, OF A MAMMAL**
[54] **APPAREIL ET PROCEDE DE DETECTION DE L'ETAT DE REPRODUCTION, EN PARTICULIER LE CYCLE OESTRAL, D'UN MAMMIFERE**
[72] CINTI, ENRICO, IT
[73] CINTI, ENRICO, IT
[85] 2007-12-14
[86] 2006-07-13 (PCT/EP2006/006879)
[87] (WO2007/006579)
[30] IT (MI2005A001328) 2005-07-13

---

[11] **2,613,969**
[13] C
[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] EN
[54] **WEIGHT-ADJUSTABLE FOOD PRESS FOR COOKING**
[54] **PRESSE D'ALIMENTS A POIDS REGLABLE POUR LA CUISSON**
[72] HILL, BRUCE M., US
[73] HILL, BRUCE M., US
[85] 2007-12-28
[86] 2006-06-29 (PCT/US2006/025517)
[87] (WO2007/005575)
[30] US (11/174,233) 2005-07-01

---

[11] **2,615,540**
[13] C
[51] **Int.Cl. A01N 31/08 (2006.01) A01N 31/02 (2006.01) A01N 31/14 (2006.01) A01N 37/40 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **DISINFECTANT COMPRISING BIOCIDAL PHENOLS AND A KERATOLYTIC**
[54] **DESINFECTANT COMPRENANT DES PHENOLS BIOCIDES ET UN KERATOLYTIQUE**
[72] GREIF, GISELA, DE
[72] FROYMAN, ROBRECHT, DE
[72] ORTIZ, CLAUDIO, DE
[72] RENNER, GERD-FRIEDRICH, DE
[72] EXNER, OTTO, DE
[72] SCHLEGEL, DIETMAR, DE
[72] MATYSIAK, ROLF, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
[85] 2008-01-16
[86] 2006-07-06 (PCT/EP2006/006599)
[87] (WO2007/009606)
[30] DE (102005033496.2) 2005-07-19

---

[11] **2,615,801**
[13] C
[51] **Int.Cl. E21C 37/00 (2006.01)**
[25] EN
[54] **NARROW BENCH MINING SYSTEM**
[54] **SYSTEME D'EXPLOITATION MINIERE A BANQUETTE ETROITE**
[72] BAIRD, JOHN A., JR., US
[72] CARR, IAN T., US
[73] ICG ADDCAR SYSTEMS, LLC, US
[85] 2008-01-17
[86] 2006-07-31 (PCT/US2006/029746)
[87] (WO2007/016490)
[30] US (60/704,285) 2005-08-01

[11] **2,617,266**
[13] C
[51] **Int.Cl. A01N 47/36 (2006.01) A01N 25/22 (2006.01)**
[25] EN
[54] **WATER-BASED HERBICIDAL SUSPENSION**
[54] **SUSPENSION HERBICIDE AQUEUSE**
[72] ISHIHARA, YOSHIAKI, JP
[72] TSURUTA, TATSUHIKO, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2008-01-30
[86] 2006-07-24 (PCT/JP2006/315065)
[87] (WO2007/018060)
[30] JP (2005-231841) 2005-08-10
[30] JP (2005-326623) 2005-11-10

[11] **2,618,251**
[13] C
[51] **Int.Cl. F21V 7/00 (2006.01)**
[25] EN
[54] **REFLECTOR ASSEMBLY FOR A LUMINAIRE**
[54] **BLOC REFLECTEUR POUR LUMINAIRE**
[72] ABDELSAMED, YASER S., US
[72] RIES, JACK L., US
[73] ABL IP HOLDING LLC, US
[86] (2618251)
[87] (2618251)
[22] 2008-01-16
[30] US (11/623,487) 2007-01-16

[11] **2,621,099**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING ACTION RESPONSIVE TO ACCIDENTAL KEYSTROKES**
[54] **PROCEDE POUR PREVENIR L'EXECUTION D'UNE COMMANDE DECOULANT DE LA FRAPPE ACCIDENTELLE D'UNE TOUCHE**
[72] MARTIN, DARYL, CA
[72] SADEK, AHMED, CA
[72] HASSAN, AHMED E., CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2621099)
[87] (2621099)
[22] 2008-02-14
[30] EP (07102420.2) 2007-02-14

[11] **2,621,655**
[13] C
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 7/18 (2006.01) E21B 43/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD OF DRILLING A STABLE BOREHOLE**
[54] **PROCEDE DE FORAGE D'UNE CAROTTE STABLE**
[72] ADDIS, MICHAEL ANTHONY, NL
[72] KHODAVERDIAN, MOHAMAD FEREYDOON, US
[73] SHELL CANADA LIMITED, CA
[85] 2007-11-06
[86] 2005-05-17 (PCT/US2005/017082)
[87] (WO2006/124028)

[11] **2,623,990**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SPECIFYING A SET OF FORBIDDEN PASSWORDS**
[54] **INDICATION D'UN ENSEMBLE DE MOTS DE PASSE INTERDITS**
[72] BROWN, MICHAEL S., CA
[72] LITTLE, HERBERT, CA
[73] RESEARCH IN MOTION LIMITED, CA
[85] 2008-03-26
[86] 2006-01-31 (PCT/CA2006/000118)
[87] (WO2007/041825)
[30] US (60/726,170) 2005-10-14

[11] **2,626,033**
[13] C
[51] **Int.Cl. C08J 11/24 (2006.01) B01J 19/18 (2006.01) C07C 51/23 (2006.01) C07C 63/15 (2006.01) C07C 63/16 (2006.01) C07C 63/24 (2006.01) C07C 63/26 (2006.01) C07C 63/38 (2006.01) C07C 67/03 (2006.01) C07C 69/80 (2006.01) C07C 69/82 (2006.01)**
[25] EN
[54] **ETHANOLYSIS OF PET TO FORM DET AND OXIDATION THEREOF**
[54] **ETHANOLYSE DE PET POUR FORMER DU DET ET OXYDATION DE CELUI-CI**
[72] ANDERSON, RONALD L., US
[72] SIKKENGA, DAVID L., US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 2008-04-14
[86] 2006-12-20 (PCT/US2006/062357)
[87] (WO2007/076384)
[30] US (60/754,772) 2005-12-29
[30] US (60/754,949) 2005-12-29
[30] US (60/754,698) 2005-12-29

[11] **2,627,918**
[13] C
[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **DENTURE ADHESIVE ARTICLE PACKAGING**
[54] **CONDITIONNEMENT D'ARTICLE ADHESIF POUR PROTHESE DENTAIRE**
[72] RAJAIAH, JAYANTH, US
[72] MEDEIROS, FRANCO SILVA, US
[72] WANG, PING, US
[72] BOEHMER, ERIC ALLEN, US
[72] WILDER, ELIZABETH ANNE, US
[72] SCOTT, DOUGLAS CRAIG, US
[72] GUO, JUDY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2008-04-29
[86] 2006-11-09 (PCT/US2006/044030)
[87] (WO2007/056607)
[30] US (60/735,243) 2005-11-09
[30] US (60/735,088) 2005-11-09
[30] US (60/735,136) 2005-11-09
[30] US (60/735,135) 2005-11-09
[30] US (60/734,874) 2005-11-09
[30] US (60/760,528) 2006-01-20
[30] US (60/760,660) 2006-01-20
[30] US (60/760,516) 2006-01-20
[30] US (60/760,526) 2006-01-20
[30] US (60/760,527) 2006-01-20
[30] US (60/760,711) 2006-01-20
[30] US (11/590,145) 2006-10-31
[30] US (11/590,232) 2006-10-31
[30] US (11/590,224) 2006-10-31
[30] US (11/590,233) 2006-10-31
[30] US (11/590,111) 2006-10-31
[30] US (11/590,225) 2006-10-31
[30] US (11/590,191) 2006-10-31
[30] US (11/590,231) 2006-10-31

[11] **2,628,976**
[13] C
[51] **Int.Cl. H04W 4/18 (2009.01) H04W 80/02 (2009.01) H04W 80/12 (2009.01) H04N 21/47 (2011.01) H04N 21/472 (2011.01) H04N 21/4788 (2011.01) H04N 5/775 (2006.01) G06F 15/02 (2006.01)**
[25] EN
[54] **A MEDIA TRANSFER AND CONTROL SYSTEM**
[54] **SYSTEME DE TRANSFERT ET DE COMMANDE MULTIMEDIA**
[72] ASTHANA, ATUL, CA
[72] LAZARIDIS, MIHAL, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2628976)
[87] (2628976)
[22] 2008-04-09
[30] US (11/733,403) 2007-04-10
[30] US (11/752,619) 2007-05-23

[11] **2,630,738**
[13] C
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/117 (2010.01) A61K 9/127 (2006.01) A61K 31/7105 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **IMMUNOSTIMULATORY OLIGORIBONUCLEOTIDES**
[54] **OLIGORIBONUCLEOTIDES IMMUNOSTIMULATEURS**
[72] FORSBACH, ALEXANDRA, DE
[72] VOLLMER, JOERG, DE
[72] LIPFORD, GRAYSON B., US
[73] ZOETIS BELGIUM SA, BE
[85] 2008-05-22
[86] 2006-11-22 (PCT/US2006/045183)
[87] (WO2007/062107)
[30] US (60/739,529) 2005-11-25
[30] US (60/778,989) 2006-03-03

[11] **2,631,076**
[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) E05F 15/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS REGARDING A MOVABLE BARRIER OPERATOR REMOTE CONTROL TRANSMITTER KIT**
[54] **METHODE ET APPAREIL CONCERNANT UNE TROUSSE DE TELECOMMANDE D'OPERATEUR DE BARRIERE MOBILE**
[72] KELLER, ROBERT ROY, JR., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2631076)
[87] (2631076)
[22] 2008-05-12
[30] US (11/760,538) 2007-06-08

[11] **2,631,449**
[13] C
[51] **Int.Cl. A01C 1/06 (2006.01) A01N 25/10 (2006.01)**
[25] EN
[54] **BIODEGRADABLE SEED DRESSING FORMULATIONS**
[54] **FORMULATIONS D'AGENTS DE TRAITEMENT DE SEMENCES BIODEGRADABLES**
[72] MARTIN, INGRID, DE
[72] AUWETER, HELMUT, DE
[72] ISRAELS, RAFEL, DE
[72] DOMBO, PETER, DE
[72] JAKOB, JUERGEN, DE
[72] LOPEZ CASANELLO, DIEGO, DE
[72] BOHN, HERIBERT, DE
[73] BASF SE, DE
[85] 2008-05-28
[86] 2006-12-11 (PCT/EP2006/069523)
[87] (WO2007/074042)
[30] EP (05028144.3) 2005-12-22

[11] **2,631,577**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **FAST CHANNEL SWITCHING IN A MULTIMEDIA BROADCAST SYSTEM**
[54] **COMMUTATION RAPIDE DE CANAUX DANS UN SYSTEME DE DIFFUSION MULTIMEDIA**
[72] WALKER, KENT G., US
[72] COLLINS, BRUCE, US
[72] GAUTAM, SHUSHEEL, US
[73] QUALCOMM INCORPORATED, US
[85] 2008-05-29
[86] 2007-01-04 (PCT/US2007/060118)
[87] (WO2007/120938)
[30] US (60/756,080) 2006-01-04
[30] US (11/612,451) 2006-12-18

---

[11] **2,633,022**
[13] C
[51] **Int.Cl. F16B 5/02 (2006.01) F16B 35/04 (2006.01) F16B 43/00 (2006.01)**
[25] EN
[54] **A FASTENER ASSEMBLY**
[54] **ENSEMBLE DE FIXATION**
[72] ROWE, JAMES HENRY, GB
[72] MOORE, JOHN, GB
[73] AIRBUS OPERATIONS LIMITED, GB
[85] 2008-06-11
[86] 2006-12-14 (PCT/GB2006/004709)
[87] (WO2007/068947)
[30] GB (0525691.2) 2005-12-16

---

[11] **2,636,955**
[13] C
[51] **Int.Cl. D21H 27/20 (2006.01) C09D 5/33 (2006.01) D21H 19/36 (2006.01)**
[25] EN
[54] **CERAMIC WALL LINING COMPOSITES WITH IR RADIATION REFLECTING PROPERTIES**
[54] **COMPOSITES CERAMIQUES DE REVETEMENT DE PAROI AVEC PROPRIETES DE REFLEXION DU RAYONNEMENT INFRAROUGE**
[72] NUN, EDWIN, DE
[72] BERGANDT, HEIKE, DE
[72] GUTSCH, ANDREAS, DE
[72] GEIPEL, GERHARD, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2008-07-09
[86] 2006-11-24 (PCT/EP2006/068864)
[87] (WO2007/087910)
[30] DE (10 2006 001 640.8) 2006-01-11

---

[11] **2,637,259**
[13] C
[51] **Int.Cl. B41F 17/02 (2006.01) B41F 13/54 (2006.01) B41J 11/00 (2006.01) B41J 15/00 (2006.01) B41L 21/12 (2006.01) B41L 43/00 (2006.01) B42C 19/06 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR MANUFACTURING PRINTED PRODUCTS**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE PRODUITS IMPRIMES**
[72] DOBROVOLSKY, SASHA, US
[73] EPAC TECHNOLOGIES, INC., US
[85] 2008-07-15
[86] 2007-01-11 (PCT/US2007/000736)
[87] (WO2007/089408)
[30] US (11/345,242) 2006-02-01

---

[11] **2,638,683**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/28 (2006.01) H04B 3/00 (2006.01) H04B 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVISIONING CUSTOMER PREMISES EQUIPMENT**
[54] **METHODE ET SYSTEME D'APPROVISIONNEMENT D'EQUIPEMENT AUX LOCAUX DE L'ABONNE**
[72] CAMILLE, JEAN-PAUL, CA
[72] TIN, NOEL TAI-TUNG, CA
[72] CHAN, FRANK SIU HONG, CA
[73] BCE INC., CA
[85] 2008-09-05
[86] 2007-09-04 (PCT/CA2007/001556)
[87] (WO2009/030012)

---

[11] **2,641,361**
[13] C
[51] **Int.Cl. B23F 9/10 (2006.01) B23F 23/10 (2006.01) B23F 23/12 (2006.01) B24B 49/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MACHINING BEVEL GEARS IN A PITCHING METHOD WITH COMPLETE PITCH ERROR COMPENSATION**
[54] **DISPOSITIF ET PROCEDE D'USINAGE DE ROUES CONIQUES DANS UN PROCEDE DE DIVISION AVEC COMPENSATION COMPLETE DES ERREURS DE DIVISION**
[72] RIBBECK, KARL MARTIN, DE
[72] KOENIG, TORSTEN, DE
[73] KLINGELNBERG GMBH, DE
[85] 2008-08-01
[86] 2007-02-08 (PCT/EP2007/051228)
[87] (WO2007/090871)
[30] EP (06002768.7) 2006-02-10

---

[11] **2,643,713**
[13] C
[51] **Int.Cl. G01S 1/00 (2006.01)**
[25] EN
[54] **A RECEIVER AND TRANSMITTER FOR USE IN A SATELLITE NAVIGATION SYSTEM**
[54] **RECEPTEUR ET EMETTEUR A UTILISER DANS UN SYSTEME DE NAVIGATION PAR SATELLITE**
[72] HOLLREISER, MARTIN, NL
[72] WEIGAND, ROLAND, NL
[73] EUROPEAN SPACE AGENCY, FR
[85] 2008-08-26
[86] 2006-03-09 (PCT/EP2006/002497)
[87] (WO2007/101454)

[11] **2,646,862**
[13] C
[51] **Int.Cl. H04L 9/12 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SECURE CHANNEL INITIALIZATION**
[54] **METHODE ET SYSTEMES POUR L'INITIALISATION D'UNE VOIE DE COMMUNICATIOIN PROTEGE**
[72] SHERKIN, ALEXANDER, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2646862)
[87] (2646862)
[22] 2008-12-17
[30] EP (07124018.8) 2007-12-21

---

[11] **2,646,961**
[13] C
[51] **Int.Cl. H04S 1/00 (2006.01) H04S 3/00 (2006.01)**
[25] EN
[54] **ENHANCED METHOD FOR SIGNAL SHAPING IN MULTI-CHANNEL AUDIO RECONSTRUCTION**
[54] **METHODE AMELIOREE DE MISE EN FORME DE SIGNAL POUR LA RECONSTRUCTION AUDIO MULTICANAL**
[72] DISCH, SASCHA, DE
[72] LINZMEIER, KARSTEN, DE
[72] HERRE, JURGEN, DE
[72] POPP, HARALD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2008-09-22
[86] 2006-05-18 (PCT/EP2006/004732)
[87] (WO2007/110101)
[30] US (60/787,096) 2006-03-28

---

[11] **2,648,331**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61F 2/14 (2006.01) A61F 2/28 (2006.01) B21D 22/02 (2006.01) B21D 35/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A PLANAR IMPLANT FOR A HUMAN OR ANIMAL BODY, WHICH PLANAR IMPLANTS IS PREFORMED CORRESPONDING TO A DESIRED ANATOMICAL SHAPE**
[54] **PROCEDE ET DISPOSITF DESTINES A LA FABRICATION D'UN IMPLANT PLAT POUR LE CORPS HUMAIN OU ANIMAL, ET PREFORME AYANT LA FORME ANATOMIQUE DESIREE**
[72] METZGER, MARC CHRISTIAN, DE
[73] SYNTHES USA, LLC, US
[85] 2008-10-03
[86] 2006-04-05 (PCT/EP2006/003095)
[87] (WO2007/112766)

---

[11] **2,650,481**
[13] C
[51] **Int.Cl. G01V 3/18 (2006.01) G01V 3/30 (2006.01) H01Q 1/04 (2006.01) H01Q 1/44 (2006.01) H01Q 11/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BUILDING A TILTED ANTENNA**
[54] **PROCEDE ET APPAREIL POUR CONSTRUIRE UNE ANTENNE INCLINEE**
[72] BITTAR, MICHAEL S., US
[72] BESTE, RANDAL T., US
[72] MINOSYAN, VADIM YURYEVICH, US
[72] SITKA, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2008-10-24
[86] 2007-07-11 (PCT/US2007/015744)
[87] (WO2008/008346)
[30] US (60/807,136) 2006-07-12

---

[11] **2,652,608**
[13] C
[51] **Int.Cl. E03C 1/04 (2006.01) F16K 11/10 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **BRIDGE FAUCET**
[54] **ROBINET DE PONT**
[72] IZZY, ZUHAIR A., US
[72] JONES, SCOTT K., US
[73] MASCO CORPORATION OF INDIANA, US
[86] (2652608)
[87] (2652608)
[22] 2009-02-05
[30] US (12/082,008) 2008-04-08

---

[11] **2,652,624**
[13] C
[51] **Int.Cl. G01V 3/30 (2006.01)**
[25] EN
[54] **ANTENNA CUTOUT IN A DOWNHOLE TUBULAR**
[54] **OUVERTURE D'ANTENNE DANS UN TUBE DE FOND DE PUITS**
[72] BITTAR, MICHAEL S., US
[72] BESTE, RANDAL T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2008-11-17
[86] 2006-08-04 (PCT/US2006/030489)
[87] (WO2007/149106)
[30] US (60/805,176) 2006-06-19

[11] **2,652,651**
[13] C
[51] **Int.Cl. B30B 11/14 (2006.01) A61J 3/10 (2006.01) B30B 11/00 (2006.01) B30B 11/02 (2006.01)**
[25] EN
[54] **POWDER COMPRESSION MOLDING MACHINE AND APPARATUS FOR CONTINUOUS PRODUCTION OF POWDER COMPRESSION MOLDED ITEM USING THE MACHINE**
[54] **MACHINE DE MOULAGE DE POUDRE PAR COMPRESSION ET APPAREIL POUR LA FABRICATION EN CONTINU DE L'ARTICLE EN POUDRE MOULE PAR COMPRESSION UTILISANT LA MACHINE**
[72] INOUE, MASAKIYO, JP
[72] SHIBATA, MITSUHO, JP
[72] TOYODA, IKURU, JP
[72] TSUKAMOTO, SHOUSHI, JP
[73] QUALICAPS CO., LTD., JP
[73] MEIJI CO., LTD., JP
[85] 2008-11-18
[86] 2007-05-15 (PCT/JP2007/059921)
[87] (WO2007/135889)
[30] JP (2006-140010) 2006-05-19

---

[11] **2,654,440**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OR PROPHYLAXIS OF ATHEROSCLEROSIS AND REPERFUSION INJURY**
[54] **PROCEDES DE TRAITEMENT OU DE PROPHYLAXIE DE L'ATHEROSCLEROSE ET D'UNE LESION DE REPERFUSION**
[72] KOTWAL, GIRISH J., ZA
[72] ARASON, GUOMUNDUR JOHANN, IS
[73] KOTWAL, GIRISH J., ZA
[73] ARASON, GUOMUNDUR JOHANN, IS
[85] 2008-12-04
[86] 2006-06-05 (PCT/IB2006/051784)
[87] (WO2006/131874)
[30] US (60/687,766) 2005-06-06

---

[11] **2,655,619**
[13] C
[51] **Int.Cl. H03J 3/20 (2006.01)**
[25] EN
[54] **RESONANT CIRCUIT TUNING SYSTEM WITH DYNAMIC IMPEDANCE MATCHING**
[54] **SYSTEME DE SYNTONISATION DE CIRCUIT RESONANT A ADAPTATION DYNAMIQUE D'IMPEDANCE**
[72] HALL, STEWART E., US
[72] HERRING, RICHARD, US
[73] SENSORMATIC ELECTRONICS, LLC, US
[85] 2008-12-16
[86] 2006-06-27 (PCT/US2006/025054)
[87] (WO2008/002305)

---

[11] **2,656,632**
[13] C
[51] **Int.Cl. E21B 21/015 (2006.01)**
[25] EN
[54] **BORING HEAD WITH NEW PROTECTION HOOD**
[54] **TETE DE SONDAGE EQUIPEE D'UN NOUVEAU CAPOT DE PROTECTION**
[72] COMACCHIO, PASQUALINO, IT
[72] COMACCHIO, PATRIZIO, IT
[72] COMACCHIO, RENZO, IT
[73] COMACCHIO INTERNATIONAL S.A., CH
[85] 2008-12-30
[86] 2006-07-04 (PCT/IT2006/000511)
[87] (WO2008/004255)

---

[11] **2,656,796**
[13] C
[51] **Int.Cl. D05B 35/00 (2006.01) A47G 9/02 (2006.01) D05B 13/00 (2006.01) D05B 27/00 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR TEXTILE ARTICLES**
[54] **METHODE DE PRODUCTION POUR ARTICLES TEXTILES**
[72] MACDONALD, ROBERT, CA
[73] MACDONALD, ROBERT, CA
[86] (2656796)
[87] (2656796)
[22] 2009-03-02

---

[11] **2,657,056**
[13] C
[51] **Int.Cl. H05K 7/00 (2006.01) H05K 5/06 (2006.01) H05K 7/10 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **RUGGEDIZED, SELF-ALIGNING, SLIDING AIR SEAL FOR REMOVABLE ELECTRONIC UNITS**
[54] **JOINT ETANCHE A L'AIR COULISSANT RENFORCE A AUTOCENTRAGE POUR DISPOSITIFS ELECTRONIQUES DETACHABLES**
[72] KRYWICKI, JASON, US
[72] BIEMER, MICHAEL G., US
[72] KONSOWSKI, STEPHEN C., US
[72] HAAS, TIFFANI, US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[86] (2657056)
[87] (2657056)
[22] 2009-03-04
[30] US (61/034,300) 2008-03-06

---

[11] **2,657,090**
[13] C
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 31/05 (2006.01)**
[25] EN
[54] **CLEAR PHARMACEUTICAL AQUEOUS MICROEMULSION COMPRISING PROPOFOL AND PROCESS FOR PREPARATION**
[54] **MICROEMULSION PHARMACEUTIQUE AQUEUSE ET TRANSPARENTE COMPRENANT DU PROPOFOL, ET SON PROCEDE DE PREPARATION**
[72] POUGNAS, JEAN-LUC, FR
[72] BROUSSAUD, OLIVIER, FR
[72] CALVET, NICOLAS, FR
[72] COMTAT, SOPHIE, FR
[73] PHYSICA PHARMA, FR
[85] 2009-01-07
[86] 2005-07-08 (PCT/EP2005/008739)
[87] (WO2007/006334)

[11] **2,657,474**
[13] C
[51] **Int.Cl. F16H 25/20 (2006.01) B64C 13/28 (2006.01) F16H 25/22 (2006.01) F16H 25/24 (2006.01)**
[25] EN
[54] **FLAP ACTUATOR**
[54] **COMMANDE DE VOLET**
[72] CAVALIER, DON R., US
[72] KLAP, AARON M., US
[73] EATON CORPORATION, US
[85] 2009-01-12
[86] 2007-07-17 (PCT/IB2007/002011)
[87] (WO2008/010066)
[30] US (11/458,001) 2006-07-17

---

[11] **2,657,895**
[13] C
[51] **Int.Cl. B23G 1/46 (2006.01)**
[25] EN
[54] **TAP HOLDER**
[54] **DISPOSITIF DE MAINTIEN DE TARAUD**
[72] KOMINE, TSUYOSHI, JP
[72] SURUGA, HIROKAZU, JP
[73] DAISHOWA SEIKI CO., LTD., JP
[73] BIG ALPHA CO., INC., JP
[85] 2009-01-15
[86] 2007-03-06 (PCT/JP2007/054309)
[87] (WO2008/053606)
[30] JP (PCT/JP2006/321755) 2006-10-31

---

[11] **2,659,856**
[13] C
[51] **Int.Cl. H01H 37/54 (2006.01)**
[25] EN
[54] **THERMALLY RESPONSIVE SWITCH**
[54] **COMMUTATEUR THERMIQUEMENT SENSIBLE**
[72] UEDA, YOSHIHISA, JP
[72] KOIKE, TAKEO, JP
[72] URANO, MITSUHIRO, JP
[72] SATO, SHIGEMI, JP
[73] UBUKATA INDUSTRIES CO., LTD., JP
[85] 2009-02-03
[86] 2007-08-08 (PCT/JP2007/065551)
[87] (WO2008/018515)
[30] JP (PCT/JP2006/315853) 2006-08-10

---

[11] **2,661,682**
[13] C
[51] **Int.Cl. A61M 11/06 (2006.01) B05B 7/00 (2006.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **NEBULIZER WITH FLOW-BASED FLUIDIC CONTROL AND RELATED METHODS**
[54] **NEBULISEUR DOTE D'UNE COMMANDE FLUIDIQUE BASEE SUR LE DEBIT ET PROCEDES**
[72] HARRINGTON, STEVEN M., US
[72] GAYLORD, DOUGLAS, US
[72] RIVERA, DAVID A., US
[72] KORNEFF, NEIL A., US
[72] WILDAY, REBECCA A., US
[72] ZOLLINGER, CHRIS, US
[73] ALLEGIANCE CORPORATION, US
[85] 2009-02-24
[86] 2007-03-29 (PCT/US2007/007888)
[87] (WO2007/123664)
[30] US (60/787,195) 2006-03-30

---

[11] **2,661,730**
[13] C
[51] **Int.Cl. H04B 3/54 (2006.01) G01D 4/02 (2006.01) G01R 11/24 (2006.01) G01R 21/06 (2006.01) G01R 22/10 (2006.01) G01R 35/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ON-LINE MONITORING AND BILLING OF POWER CONSUMPTION**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET DE FACTURATION EN LIGNE DE LA CONSOMMATION D'ENERGIE**
[72] SWARZTRAUBER, SAYRE A., US
[72] SHAFRIR, DORON, US
[72] LO, STANLEY C., US
[72] NEWSOME, MICHAEL, US
[72] JACOBSON, ERIC, US
[73] QUADLOGIC CONTROLS CORPORATION, US
[86] (2661730)
[87] (2661730)
[22] 2001-02-28
[62] 2,401,579
[30] US (60/185,832) 2000-02-29

---

[11] **2,662,472**
[13] C
[51] **Int.Cl. H04B 1/04 (2006.01) H01Q 9/16 (2006.01)**
[25] EN
[54] **WIRELESS MICROPHONE DEVICE WITH HIGH FREQUENCY SIGNALS**
[54] **DISPOSITIF DE MICROPHONE SANS FIL AVEC SIGNAUX HAUTE FREQUENCE**
[72] NAKASHIMA, MITSURU, JP
[72] MORIGUCHI, KOJI, JP
[73] TOA CORPORATION, JP
[85] 2009-03-02
[86] 2007-09-10 (PCT/JP2007/067604)
[87] (WO2008/032683)
[30] JP (2006-248553) 2006-09-13

---

[11] **2,662,724**
[13] C
[51] **Int.Cl. B41J 2/05 (2006.01)**
[25] EN
[54] **INKJET PRINTHEAD WITH ADJUSTABLE BUBBLE IMPULSE**
[54] **TETE D'IMPRESSION JETS D'ENCRE A REGLAGE DES IMPULSIONS DE BULLES**
[72] NORTH, ANGUS JOHN, AU
[72] FISHBURN, JENNIFER MIA, AU
[72] MYERS, SAMUEL JAMES, AU
[72] SILVERBROOK, KIA, AU
[73] ZAMTEC LIMITED, IE
[85] 2009-03-06
[86] 2006-10-09 (PCT/AU2006/001476)
[87] (WO2008/043121)

---

[11] **2,663,514**
[13] C
[51] **Int.Cl. A41D 19/00 (2006.01) A41D 13/00 (2006.01)**
[25] EN
[54] **IMPROVED INTERFACE SYSTEM FOR GARMENT BARRIER**
[54] **SYSTEME D'INTERFACE AMELIORE POUR BARRIERE DE VETEMENT**
[72] JOHNSON, MATTHEW A., US
[72] WILLIAMS, MARK A., US
[73] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2009-03-13
[86] 2007-09-14 (PCT/US2007/020060)
[87] (WO2008/085212)
[30] US (11/522,489) 2006-09-14

[11] **2,663,780**
[13] C
[51] **Int.Cl. A62C 37/08 (2006.01)**
[25] EN
[54] **EXTENDED COVERAGE HORIZONTAL SIDEWALL SPRINKLER**
[54] **TETE D'EXTINCTEUR AUTOMATIQUE SUR PAROI LATERALE A L'HORIZONTALE ET A COUVERTURE ACCRUE**
[72] PAHILA, OLIVER S., US
[72] GOLDBERG, RICARDO, US
[73] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US
[85] 2009-03-16
[86] 2007-04-20 (PCT/US2007/067058)
[87] (WO2007/124407)
[30] US (11/408,369) 2006-04-21

---

[11] **2,664,863**
[13] C
[51] **Int.Cl. E05B 3/06 (2006.01) E05B 15/02 (2006.01) E05C 1/16 (2006.01)**
[25] EN
[54] **LOCK DEVICE**
[54] **DISPOSITIF DE TYPE SERRURE**
[72] PILOTELLI, CARLO, IT
[73] GIACINTO RIVADOSSI S.P.A. IN LIQUIDAZIONE, IT
[85] 2009-03-27
[86] 2006-09-29 (PCT/IT2006/000695)
[87] (WO2008/038316)

---

[11] **2,665,155**
[13] C
[51] **Int.Cl. B29D 30/56 (2006.01) B60C 11/02 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVED RETREAD ENDURANCE**
[54] **PROCEDE POUR UNE ENDURANCE DE RECHAPAGE AMELIORE**
[72] MAYNI, PAUL A., US
[72] PANNING, NATHAN J., US
[72] GALLEGO, JUAN-PABLO, US
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., FR
[85] 2009-03-31
[86] 2006-10-31 (PCT/US2006/042401)
[87] (WO2008/054387)

---

[11] **2,665,732**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 1/16 (2006.01)**
[25] EN
[54] **DELIVERY REPORTS IN A COMMUNICATION SYSTEM**
[54] **RAPPORTS D'ACHEMINEMENT DANS UN SYSTEME DE COMMUNICATION**
[72] HARUNA, ADAMU, FI
[72] KUURE, PEKKA, US
[72] LEPPISAARI, ARTO, FI
[73] NOKIA CORPORATION, FI
[85] 2009-04-06
[86] 2007-11-29 (PCT/FI2007/050647)
[87] (WO2008/065253)
[30] FI (20061057) 2006-11-30

---

[11] **2,667,086**
[13] C
[51] **Int.Cl. E06B 1/62 (2006.01)**
[25] EN
[54] **BARRIER ASSEMBLY FOR BUILDING OPENINGS**
[54] **ENSEMBLE BARRIERE POUR OUVERTURES DE BATIMENT**
[72] POIRIER, PETER P., US
[72] SEBOLD, MICHAEL, US
[73] TREMCO, INCORPORATED, US
[85] 2009-04-20
[86] 2007-09-25 (PCT/US2007/079358)
[87] (WO2008/048763)
[30] US (11/583,505) 2006-10-19

---

[11] **2,667,353**
[13] C
[51] **Int.Cl. C07D 263/06 (2006.01) C07C 7/20 (2006.01) C10L 3/06 (2006.01)**
[25] EN
[54] **OXAZOLIDINIUM COMPOUNDS AND USE AS HYDRATE INHIBITORS**
[54] **COMPOSES D'OXAZOLIDINIUM ET UTILISATION EN TANT QU'INHIBITEURS D'HYDRATE**
[72] RIVERS, GORDON T., US
[72] TIAN, JUN, US
[72] HACKEROTT, JAMES A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2009-04-22
[86] 2007-10-17 (PCT/US2007/081596)
[87] (WO2008/063794)
[30] US (60/866,253) 2006-11-17
[30] US (11/872,887) 2007-10-16

---

[11] **2,667,372**
[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4025 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **1,5-DIPHENYL-3-BENZYLAMINO-1,5-DIHYDROPYRROLIDIN-2-ONE AS CB1 RECEPTOR MODULATORS**
[54] **1,5-DIPHENYL-3-BENZYLAMINO-1,5-DIHYDROPYRROLIDINE-2-ONE EN TANT QUE MODULATEURS DE RECEPTEUR CB1**
[72] COFFEY, DAVID SCOTT, US
[72] HU, JINGDAN, US
[72] KEDING, STACY JO, US
[72] KRUSHINSKI, JOSEPH HERMAN JUNIOR, US
[72] SCHAUS, JOHN MEHNERT, US
[72] TUPPER, DAVID EDWARD, GB
[73] ELI LILLY AND COMPANY, US
[85] 2009-04-23
[86] 2007-10-22 (PCT/US2007/082042)
[87] (WO2008/070306)
[30] US (60/862,540) 2006-10-23

---

[11] **2,668,158**
[13] C
[51] **Int.Cl. D21C 3/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR IMPROVING FIBER QUALITY AND PROCESS EFFICIENCY IN MECHANICAL PULPING**
[54] **COMPOSITION ET METHODE AMELIORANT LA QUALITE DES FIBRES ET L'EFFICACITE DU PROCESSUS DE PRODUCTION DE PATE MECANIQUE**
[72] DUGGIRALA, PRASAD Y., US
[72] SHEVCHENKO, SERGEY M., US
[73] NALCO COMPANY, US
[85] 2009-04-30
[86] 2007-11-02 (PCT/US2007/083461)
[87] (WO2008/058003)
[30] US (11/556,259) 2006-11-03

[11] **2,668,446**
[13] C
[51] **Int.Cl. G07F 11/44 (2006.01) G07F 11/58 (2006.01)**
[25] EN
[54] **DEVICE FOR DISPENSING VIALS USEFUL IN SYSTEM AND METHOD FOR DISPENSING PRESCRIPTIONS**
[54] **DISPOSITIF POUR DISTRIBUER DES FLACONS, UTILE DANS UN SYSTEME ET UN PROCEDE POUR DISTRIBUER DES ORDONNANCES**
[72] DUMOND, JODY, US
[72] GUTHRIE, CHARLES H., US
[72] MORAN, JOSEPH C., JR., US
[72] YOUNG, DEMETRIS P., US
[72] ABRAMS, GEORGE RAYMOND, JR., US
[73] PARATA SYSTEMS, LLC, US
[85] 2009-05-06
[86] 2007-07-03 (PCT/US2007/015457)
[87] (WO2008/060339)
[30] US (11/599,526) 2006-11-14

---

[11] **2,668,641**
[13] C
[51] **Int.Cl. B65D 71/46 (2006.01) B65B 5/06 (2006.01) B65B 35/40 (2006.01) B65B 61/08 (2006.01)**
[25] EN
[54] **INTERCONNECTED CARTON BLANKS COMPRISING LOCATING APERTURES**
[54] **EBAUCHES DE BOITES DE CARTON INTERCONNECTEES DOTEES D'OUVERTURES DE POSITIONNEMENT**
[72] FOGLE, JAMES C., US
[72] FORD, COLIN P., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2009-05-04
[86] 2007-11-07 (PCT/US2007/083918)
[87] (WO2008/058186)
[30] US (60/857,545) 2006-11-07

---

[11] **2,669,030**
[13] C
[51] **Int.Cl. F16H 1/20 (2006.01) F03D 1/06 (2006.01) F03D 7/04 (2006.01) F16H 1/08 (2006.01)**
[25] EN
[54] **SPEED-VARYING DEVICE AND WIND TURBINE GENERATOR SYSTEM**
[54] **VARIATEUR DE VITESSE ET AEROGENERATEUR**
[72] NUMAJIRI, TOMOHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2009-05-08
[86] 2008-03-13 (PCT/JP2008/054655)
[87] (WO2009/113173)

---

[11] **2,669,626**
[13] C
[51] **Int.Cl. H01J 37/06 (2006.01) H01J 37/073 (2006.01) H01J 37/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING FEMTOSECOND ELECTRON BEAM**
[54] **APPAREIL ET METHODE DE PRODUCTION D'ELECTRONS DE L'ORDRE DE LA FEMTOSECONDE**
[72] PARK, YONG WOON, KR
[72] IHEE, HYOTCHERL, KR
[72] KIM, CHANG BUM, KR
[72] KO, IN SOO, KR
[73] POSTECH ACADEMY-INDUSTRY FOUNDATION, KR
[86] (2669626)
[87] (2669626)
[22] 2009-06-23
[30] KR (10-2008-0111238) 2008-11-10

---

[11] **2,670,396**
[13] C
[51] **Int.Cl. E05F 15/20 (2006.01) E01F 13/00 (2006.01)**
[25] EN
[54] **MULTIPLE MOVABLE BARRIER OPERATOR SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE APPLICABLES A PLUSIEURS DISPOSITIFS DE COMMANDE DE BARRIERES MOBILES**
[72] BUTLER, BRIAN FREDERIC, US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2670396)
[87] (2670396)
[22] 2009-06-30
[30] US (12/164,224) 2008-06-30

---

[11] **2,670,633**
[13] C
[51] **Int.Cl. C09B 5/14 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C07D 401/14 (2006.01) C09D 11/00 (2006.01)**
[25] EN
[54] **ANTHRAPYRIDONE COMPOUND OR SALT THEREOF, MAGENTA INK COMPOSITION CONTAINING THE SAME, AND COLORED PRODUCT**
[54] **COMPOSE D'ANTHRAPYRIDONE OU SON SEL, COMPOSITION D'ENCRE MAGENTA CONTENANT LEDIT COMPOSE ET PRODUIT COLORE**
[72] MATSUMOTO, HIROYUKI, JP
[72] KAJIURA, NORIKO, JP
[72] ISHII, YUTAKA, JP
[72] MURAKAMI, YASUO, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2009-05-26
[86] 2007-11-28 (PCT/JP2007/072909)
[87] (WO2008/066062)
[30] JP (2006-326196) 2006-12-01
[30] JP (2006-332828) 2006-12-11

[11] **2,671,642**
[13] C
[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **A NETWORK CONNECTION APPARATUS AND A METHOD THEREOF**
[54] **APPAREIL DE CONNEXION DE RESEAU ET METHODE Y FAISANT APPEL**
[72] YOSHIMURA, MIKIHIRO, JP
[73] NEC CORPORATION, JP
[86] (2671642)
[87] (2671642)
[22] 2009-07-10
[30] JP (204244/2008) 2008-08-07

[11] **2,672,363**
[13] C
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR INSERTION OF IMPLANTS**
[54] **SYSTEME D'INSERTION D'IMPLANTS**
[72] KREMER, EGBERT, DE
[72] BIEHL, VOLKER, DE
[72] SPANEL, ANDRE, DE
[72] CANTZLER, PHILIP, DE
[73] FRIADENT GMBH, DE
[85] 2009-06-11
[86] 2007-12-10 (PCT/EP2007/010741)
[87] (WO2008/071368)
[30] DE (20 2006 020 210.2) 2006-12-14

[11] **2,675,249**
[13] C
[51] **Int.Cl. B65D 81/34 (2006.01) B29C 65/02 (2006.01) B29C 65/78 (2006.01) B31B 49/00 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING A MULTI-COMPARTMENT MICROWAVABLE PACKAGE HAVING A PERMEABLE WALL BETWEEN COMPARTMENTS**
[54] **PROCEDE DE FABRICATION D'UN EMBALLAGE A PLUSIEURS COMPARTIMENTS QUI PEUT PASSER AU MICRO-ONDES ET AYANT UNE PAROI PERMEABLE ENTRE LES COMPARTIMENTS**
[72] BEZEK, EDWARD ANTHONY, US
[72] EDWARDS, EDUARD, US
[72] KNOERZER, ANTHONY ROBERT, US
[72] KOHL, GARRETT WILLIAM, US
[72] RODGERS, BRAD DEWAYNE, US
[72] SAGEL, JOSEPH PAUL, US
[72] TUCKER, STEVEN KENNETH, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[85] 2009-07-10
[86] 2008-01-09 (PCT/US2008/050633)
[87] (WO2008/089006)
[30] US (11/622,121) 2007-01-11

[11] **2,676,142**
[13] C
[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL TEETHRIDGE AND FANG**
[54] **ARETE DENTAIRE ARTIFICIELLE ET RACINE**
[72] CHEN, LIEH-TANG, CN
[72] CHEN, CHEN-CHU, CN
[73] 5-7 CORPORATION LIMITED, CN
[85] 2009-07-21
[86] 2008-01-28 (PCT/CN2008/000200)
[87] (WO2008/095403)
[30] CN (PCT/CN2007/000353) 2007-02-01

[11] **2,680,490**
[13] C
[51] **Int.Cl. F16L 37/36 (2006.01)**
[25] EN
[54] **QUICK CONNECT COUPLING FOR CONNECTING HYDRAULIC LINES, ESPECIALLY IN EARTH MOVING MACHINES, AND THE INTERCHANGEABLE ADD-ON DEVICES AND TOOLS THEREOF**
[54] **RACCORD RAPIDE POUR ASSEMBLER DES CONDUITES HYDRAULIQUES, EN PARTICULIER DANS DES ENGINS DE TERRASSEMENT ET LEURS DISPOSITIFS AUXILIAIRES ET OUTILS INTERCHANGEABLES**
[72] BERNHARD, ERNST, CH
[73] OSCAR MEIER AG, CH
[85] 2009-08-31
[86] 2007-10-26 (PCT/CH2007/000530)
[87] (WO2008/071015)
[30] CH (PCT/CH2006/000694) 2006-12-13

[11] **2,680,695**
[13] C
[51] **Int.Cl. E21B 36/02 (2006.01) E21B 43/243 (2006.01)**
[25] EN
[54] **DOWNHOLE BURNERS FOR IN SITU CONVERSION OF ORGANIC-RICH ROCK FORMATIONS**
[54] **BRULEURS DE PUITS DE FORAGE UTILISES DANS LA CONVERSIONIN SITU DE FORMATIONS ROCHEUSES RICHES EN MATIERES ORGANIQUES**
[72] KAMINSKY, ROBERT D., US
[72] RASMUSSEN, CHAD C., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2009-09-10
[86] 2008-04-18 (PCT/US2008/005056)
[87] (WO2008/143749)
[30] US (60/930,308) 2007-05-15

[11] **2,681,325**
[13] C
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERING AN AGENT TO THE ABDOMEN**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION D'UN AGENT DANS L'ABDOMEN**
[72] OTT, DOUGLAS E., US
[72] SPEARMAN, PATRICK R., US
[72] GRAY, ROBERT I., US
[72] LLOYD, DUANE E., US
[73] LEXION MEDICAL, LLC, US
[86] (2681325)
[87] (2681325)
[22] 2004-10-07
[62] 2,581,783

---

[11] **2,683,326**
[13] C
[51] **Int.Cl. E04B 1/41 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **REINFORCING SPACER DEVICE**
[54] **DISPOSITIF D'ECARTEMENT DE RENFORT**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2683326)
[87] (2683326)
[22] 2009-10-22
[30] US (12/258,879) 2008-10-27

---

[11] **2,685,373**
[13] C
[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR TUBULAR MAKEUP INTERLOCK**
[54] **APPAREILS ET PROCEDES POUR VERROUILLER LES CONNEXIONS DE CONDUITES**
[72] PIETRAS, BERND-GEORG, DE
[72] ABRAHAMSEN, EGILL, US
[73] WEATHERFORD/LAMB, INC., US
[85] 2009-10-26
[86] 2008-04-25 (PCT/US2008/061669)
[87] (WO2008/134581)
[30] US (60/926,502) 2007-04-27

---

[11] **2,686,251**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01) H04L 9/00 (2006.01)**
[25] EN
[54] **RIG CONTROL SYSTEM ARCHITECTURE AND METHOD**
[54] **ARCHITECTURE ET METHODE APPLICABLES A UN SYSTEME DE COMMANDE D'APPAREIL DE FORAGE**
[72] WINGKY, MOCHAMMAD FAISAL, AE
[72] CHURCH, PHILIP STUART, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2686251)
[87] (2686251)
[22] 2009-11-24
[30] US (12/336,577) 2008-12-17

---

[11] **2,686,287**
[13] C
[51] **Int.Cl. D21F 1/54 (2006.01) D21F 1/32 (2006.01) D21F 1/38 (2006.01)**
[25] EN
[54] **DEVICE FOR RELEASABLY FASTENING A WIRE FOIL IN AN INSTALLATION FOR PRODUCING PAPER**
[54] **DISPOSITIF DE FIXATION NON PERMANENTE DE TOILE METALLIQUE DANS UNE INSTALLATION POUR PRODUIRE DU PAPIER**
[72] BARTELMUSS, KLAUS, AT
[72] BARTELMUSS, HEINZ, AT
[73] BARTELMUSS, KLAUS, AT
[73] BARTELMUSS, HEINZ, AT
[86] (2686287)
[87] (2686287)
[22] 2009-11-25
[30] AT (A 1977/2008) 2008-12-18

---

[11] **2,687,172**
[13] C
[51] **Int.Cl. A61K 36/18 (2006.01) A01N 31/00 (2006.01) A01N 37/02 (2006.01) A01N 37/36 (2006.01) A01N 65/00 (2009.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A61K 8/97 (2006.01) A61K 31/05 (2006.01) A61K 31/194 (2006.01) A61K 31/216 (2006.01) A61K 36/896 (2006.01) A61K 47/14 (2006.01) A61P 1/12 (2006.01) A61P 31/04 (2006.01) A61P 31/14 (2006.01) A61P 43/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **ANTI-NOROVIRUS AGENT AND COMPOSITION CONTAINING THE SAME**
[54] **AGENT ANTI-NOROVIRUS ET COMPOSITION LE COMPRENANT**
[72] SHIMAMOTO, TADASHI, JP
[72] TSUJI, TORU, JP
[72] NAKAI, YOSHIAKI, JP
[73] HIROSHIMA UNIVERSITY, JP
[73] ALTAN CO., LTD., JP
[85] 2009-11-09
[86] 2008-06-11 (PCT/JP2008/060705)
[87] (WO2008/153077)
[30] JP (2007-155780) 2007-06-12
[30] JP (2008-035038) 2008-02-15

---

[11] **2,688,474**
[13] C
[51] **Int.Cl. C08J 5/18 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES COMPRISING LOW BASIS WEIGHT FILMS EXHIBITING LOW GLUE BURN THROUGH**
[54] **ARTICLES ABSORBANTS COMPRENANT DES FILMS DE MASSE DE BASE FAIBLE PRESENTANT UNE FAIBLE PERCEE PAR BRULURE DE COLLE**
[72] DENT, TERRA LOUISE, US
[72] GROLMES, JOSEPH LESLIE, US
[72] HOLLEY, JEFFREY RICHARD, US
[72] TACHIBANA, YOSHIHIKO, US
[72] YOUNG, TERRILL ALAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-11-27
[86] 2008-06-05 (PCT/IB2008/052225)
[87] (WO2008/149315)
[30] US (60/933,205) 2007-06-05

[11] **2,688,513**
[13] C
[51] **Int.Cl. B01D 53/86 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SELECTIVE CATALYTIC REDUCTION OF NITROGEN OXIDES IN COMBUSTION EXHAUST GASES**
[54] **SYSTEME ET PROCEDE DE REDUCTION CATALYTIQUE SELECTIVE D'OXYDES D'AZOTE DANS DES GAZ D'ECHAPPEMENT DE COMBUSTION**
[72] SOBOLEVSKIY, ANATOLY, US
[72] ROSSIN, JOSEPH A., US
[73] SIEMENS ENERGY, INC., US
[85] 2009-11-27
[86] 2008-06-02 (PCT/US2008/006941)
[87] (WO2008/150507)
[30] US (60/932,466) 2007-05-31
[30] US (12/122,093) 2008-05-16

[11] **2,689,480**
[13] C
[51] **Int.Cl. E21B 33/14 (2006.01)**
[25] EN
[54] **DUAL ISOLATION MECHANISM OF CEMENTATION PORT**
[54] **MECANISME A DOUBLE ISOLEMENT D'ORIFICE DE SCELLEMENT**
[72] CALDWELL, REBECCA M., US
[72] CUFFE, CHRISTOPHER J., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2689480)
[87] (2689480)
[22] 2009-12-31
[30] US (61/141,888) 2008-12-31

[11] **2,690,127**
[13] C
[51] **Int.Cl. H04J 11/00 (2006.01) H04L 1/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT**
[54] **SYSTEME DE COMMUNICATION A TELEPHONE MULTIPORTEUSE**
[72] GEILE, MICHAEL J., US
[72] ROBERTS, HAROLD A., US
[72] BREDE, JEFFREY, US
[73] HTC CORPORATION, TW
[86] (2690127)
[87] (2690127)
[22] 1997-01-24
[62] 2,453,897
[30] US (60/010,506) 1996-01-24
[30] US (60/010,497) 1996-01-24
[30] US (08/650,408) 1996-05-20
[30] US (08/673,002) 1996-06-28

[11] **2,690,213**
[13] C
[51] **Int.Cl. D21F 1/34 (2006.01) B05B 1/14 (2006.01) B05B 1/20 (2006.01) B08B 9/027 (2006.01) D21F 1/32 (2006.01) F16L 55/24 (2006.01)**
[25] EN
[54] **APPARATUS FOR SPRAYING A LIQUID**
[54] **APPAREIL SERVANT A PULVERISER UN LIQUIDE**
[72] BARTELMUSS, KLAUS, AT
[72] BARTELMUSS, HEINZ, AT
[73] BARTELMUSS, KLAUS, AT
[73] BARTELMUSS, HEINZ, AT
[86] (2690213)
[87] (2690213)
[22] 2010-01-14
[30] AT (A 639/2009) 2009-04-27

[11] **2,690,472**
[13] C
[51] **Int.Cl. C22C 21/02 (2006.01) C22C 21/00 (2006.01) C22C 21/06 (2006.01) C22F 1/00 (2006.01) C22F 1/04 (2006.01) C22F 1/05 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY SHEET FOR PRESS FORMING**
[54] **FEUILLE D'ALLIAGE D'ALUMINIUM POUR LE FORMAGE SOUS PRESSION**
[72] ASANO, MINEO, JP
[72] UCHIDA, HIDETOSHI, JP
[73] SUMITOMO LIGHT METAL INDUSTRIES, LTD., JP
[85] 2009-12-10
[86] 2008-05-29 (PCT/JP2008/059897)
[87] (WO2008/152919)
[30] JP (2007-154270) 2007-06-11
[30] JP (2008-132849) 2008-05-21

[11] **2,691,319**
[13] C
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CONNECTING A PLURALITY OF CLIENT MACHINES TO A PLURALITY OF SERVERS**
[54] **METHODE, SYSTEME ET APPAREIL PERMETTANT DE RACCORDER UNE PLURALITE DE MACHINES CLIENTS A UNE PLURALITE DE SERVEURS**
[72] PREISS, BRUNO RICHARD, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2691319)
[87] (2691319)
[22] 2010-01-28
[30] EP (09153453.7) 2009-02-23

[11] **2,692,504**
[13] C
[51] **Int.Cl. A47L 13/38 (2006.01) A47L 15/46 (2006.01)**
[25] EN
[54] **PLURAL SIDED CLEANING IMPLEMENT**
[54] **ACCESSOIRE DE NETTOYAGE A FACES MULTIPLES**
[72] POLICICCHIO, NICOLA JOHN, US
[72] SWITZER, ANDREA PFARR, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2010-01-04
[86] 2008-07-01 (PCT/IB2008/052648)
[87] (WO2009/004579)
[30] US (11/824,705) 2007-07-02

---

[11] **2,692,553**
[13] C
[51] **Int.Cl. C08J 3/075 (2006.01) A61L 24/04 (2006.01) A61L 27/52 (2006.01) C08B 37/00 (2006.01) C08G 65/326 (2006.01) C08G 69/48 (2006.01) C08H 1/06 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE RAPID-GELATING HYDROGEL AND ASSOCIATED PREPARATION METHOD OF SPRAY**
[54] **HYDROGEL A GELIFICATION RAPIDE BIOCOMPATIBLE ET PROCEDE DE PREPARATION CONNEXE DE PULVERISATEUR**
[72] SHU, XIAOZHENG, CN
[73] BIOREGEN BIOMEDICAL (CHANGZHOU) CO., LTD., CN
[85] 2010-01-05
[86] 2008-06-10 (PCT/CN2008/001120)
[87] (WO2009/006780)
[30] CN (200710093931.0) 2007-07-06

---

[11] **2,692,566**
[13] C
[51] **Int.Cl. B29C 59/06 (2006.01) A61F 13/511 (2006.01) B29C 57/02 (2006.01) B29C 59/02 (2006.01) B29C 59/16 (2006.01) B29C 67/00 (2006.01) B29C 71/02 (2006.01) B29D 28/00 (2006.01) C08J 5/00 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING POLYMERIC WEB EXHIBITING SOFT AND SILKY TACTILE IMPRESSION**
[54] **PROCEDE DE FABRICATION DE TOILE POLYMERE A TOUCHER DOUX ET SOYEUX**
[72] STONE, KEITH JOSEPH, US
[72] GRAY, BRIAN FRANCIS, US
[72] O'NEIL, JULIE ANN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2692566)
[87] (2692566)
[22] 2003-12-19
[62] 2,506,596
[30] US (10/324,181) 2002-12-20

---

[11] **2,693,585**
[13] C
[51] **Int.Cl. G06T 15/20 (2011.01) G06T 13/20 (2011.01) G06T 19/00 (2011.01)**
[25] EN
[54] **PRESENTING TEXTUAL AND GRAPHICAL INFORMATION TO ANNOTATE OBJECTS DISPLAYED BY 3D VISUALIZATION SOFTWARE**
[54] **PRESENTATION DE DONNEES TEXTUELLES ET GRAPHIQUES SERVANT A ANNOTER DES OBJETS AFFICHES A L'AIDE D'UN LOGICIEL DE VISUALISATION 3D**
[72] REPIN, DMITRIY, US
[72] SINGH, VIVEK, US
[72] HARHAD, FARID, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2693585)
[87] (2693585)
[22] 2010-02-18
[30] US (12/429,812) 2009-04-24

---

[11] **2,693,586**
[13] C
[51] **Int.Cl. H04L 27/36 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH SEPARATE IN-PHASE (I) AND QUADRATURE (Q) PHASE POWER AMPLIFICATION AND POWER AMPLIFIER PRE-DISTORTION AND IQ BALANCE COMPENSATION**
[54] **DISPOSITIF DE COMMUNICATION MOBILE SANS FIL AVEC AMPLIFICATEURS DE PUISSANCE EN PHASE ET EN QUADRATURE ¬(I) ET (Q)| SEPARES AVEC CIRCUIT PRE-DISTORSION ET CIRCUIT D'EQUILIBRAGE ENQUADRATURE DE PHASE POUR AMPLIFICATEUR DE PUISSANCE**
[72] ZHU, LIZHONG, CA
[72] MANKARUSE, GEORGE SOLIMAN, CA
[72] CORRIGAN, MICHAEL STEPHEN, CA
[72] JARMUSZEWSKI, PERRY, CA
[72] KRAVETS, OLEKSIY, CA
[72] NICKERSON, KENT A., CA
[72] SANGARY, NAGULA THARMA, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2693586)
[87] (2693586)
[22] 2010-02-18
[30] EP (09153220.0) 2009-02-19

---

[11] **2,693,683**
[13] C
[51] **Int.Cl. A41D 7/00 (2006.01) A41D 1/00 (2006.01) D03D 1/00 (2006.01)**
[25] EN
[54] **WATER SHORTS INCORPORATING A STRETCH TEXTILE**
[54] **SHORT DE BAIN INCORPORANT UN TEXTILE STRETCH**
[72] MOORE, BRUCE YIN, US
[72] HURLEY, RYAN MICHAEL, US
[73] HURLEY PHANTOM C.V., NL
[85] 2010-01-11
[86] 2008-07-28 (PCT/US2008/071332)
[87] (WO2009/023427)
[30] US (11/837,216) 2007-08-10

[11] **2,693,792**
[13] C
[51] **Int.Cl. C09D 167/06 (2006.01)**
[25] EN
[54] **COATING COMPOSITION WITH ACCELERATED LOW TEMPERATURE CURE**
[54] **COMPOSITION DE REVETEMENT A DURCISSEMENT ACCELEREE A BASSE TEMPERATURE**
[72] WU, SHAOBING, US
[72] BRANDENBURGER, LARRY B., US
[73] VALSPAR SOURCING, INC., US
[85] 2010-01-12
[86] 2008-07-10 (PCT/US2008/008472)
[87] (WO2009/011784)
[30] US (11/879,021) 2007-07-13

[11] **2,693,943**
[13] C
[51] **Int.Cl. A61F 13/15 (2006.01) D04H 13/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES AND METHODS FOR MAKING SAME**
[54] **STRUCTURES FIBREUSES ET LEURS PROCEDES DE REALISATION**
[72] BARNHOLTZ, STEVEN LEE, US
[72] TROKHAN, PAUL DENNIS, US
[72] SUER, MICHAEL DONALD, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2010-01-18
[86] 2008-07-17 (PCT/IB2008/052887)
[87] (WO2009/010938)
[30] US (60/959,813) 2007-07-17

[11] **2,694,366**
[13] C
[51] **Int.Cl. B63B 39/06 (2006.01)**
[25] EN
[54] **SHIP WITH STERN EQUIPPED WITH A DEVICE FOR DEFLECTING A FLOW OF WATER**
[54] **BATEAU DONT LA POUPE EST EQUIPEE D'UN DISPOSITIF POUR DEFLECHIR UN FLUX D'EAU**
[72] MORAND, LOIC, FR
[72] CHARDIN, GERVAIS, FR
[72] COLLIN, JEAN-PIERRE, FR
[73] STX FRANCE S.A., FR
[85] 2010-01-25
[86] 2009-07-03 (PCT/EP2009/058442)
[87] (WO2010/003905)
[30] FR (0854601) 2008-07-07

[11] **2,695,158**
[13] C
[51] **Int.Cl. G08B 13/189 (2006.01) G08B 17/12 (2006.01) G08B 19/00 (2006.01)**
[25] EN
[54] **PASSIVE MICROWAVE FIRE AND INTRUSION DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'INTRUSION ET D'INCENDIE A HYPERFREQUENCES PASSIVES**
[72] ICOVE, DAVID J., US
[72] LYSTER, CARL T., US
[73] ICOVE AND ASSOCIATES, LLC, US
[85] 2009-12-11
[86] 2007-11-01 (PCT/US2007/083287)
[87] (WO2008/153590)
[30] US (60/944,217) 2007-06-15
[30] US (11/931,399) 2007-10-31

[11] **2,695,221**
[13] C
[51] **Int.Cl. A61F 13/22 (2006.01)**
[25] EN
[54] **ANTHROPROMETRICALLY EXPANDABLE TAMPON PLEDGET**
[54] **TAMPON EXTENSIBLE ANTHROPROMETRIQUEMENT**
[72] DOUGHERTY, EUGENE, JR., US
[72] EDGETT, KEITH, US
[72] TALBOT, SHANNON, US
[72] JORGENSEN, ROBERT, US
[73] PLAYTEX PRODUCTS, LLC, US
[85] 2010-01-29
[86] 2008-07-15 (PCT/US2008/070034)
[87] (WO2009/020738)
[30] US (11/890,011) 2007-08-03

[11] **2,697,305**
[13] C
[51] **Int.Cl. E21B 17/02 (2006.01)**
[25] EN
[54] **FIELD JOINT FOR A DOWNHOLE TOOL**
[54] **JOINT DE CONDUITE POUR OUTIL DE FOND DE PUITS**
[72] BRIQUET, STEPHANE, US
[72] ERVIN, STEVE, US
[72] HAYES, KEVIN, US
[72] DEL CAMPO, CHRIS, US
[72] NAHAS, JOE, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-01-20
[86] 2008-07-17 (PCT/US2008/070300)
[87] (WO2009/017974)
[30] US (11/829,198) 2007-07-27

[11] **2,697,431**
[13] C
[51] **Int.Cl. F03D 7/04 (2006.01)**
[25] EN
[54] **WIND POWER GENERATION SYSTEM AND OPERATION CONTROL METHOD THEREOF**
[54] **SYSTEME DE PRODUCTION D'ENERGIE EOLIENNE ET SON PROCEDE DE COMMANDE DE FONCTIONNEMENT**
[72] ARINAGA, SHINJI, JP
[72] MATSUSHITA, TAKATOSHI, JP
[72] WAKASA, TSUYOSHI, JP
[72] SHIBATA, MASAAKI, JP
[72] YASUGI, AKIRA, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2010-02-22
[86] 2007-12-14 (PCT/JP2007/074110)
[87] (WO2009/078072)

[11] **2,698,335**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INCREASING PRODUCTION OF A RESERVOIR**
[54] **PROCEDE ET SYSTEME POUR AUGMENTER LA PRODUCTION D'UN RESERVOIR**
[72] SUAREZ-RIVERA, ROBERTO, US
[72] GREEN, SIDNEY, US
[72] DEENADAYALU, CHAITANYA, US
[72] HANDWERGER, DAVID, US
[72] YANG, YI-KUN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-03-03
[86] 2008-09-04 (PCT/US2008/075271)
[87] (WO2009/032937)
[30] US (60/969,934) 2007-09-04
[30] US (12/203,878) 2008-09-03

[11] **2,698,503**
[13] C
[51] **Int.Cl. B29C 45/20 (2006.01) F16H 25/18 (2006.01) F16K 1/32 (2006.01) F16K 11/04 (2006.01) F16K 27/08 (2006.01) F16K 29/00 (2006.01) F16K 31/528 (2006.01) F16K 43/00 (2006.01)**
[25] EN
[54] **CAM APPARATUS FOR VALVE STEM ACTUATION**
[54] **APPAREIL A CAMES POUR L'ACTIONNEMENT DE TIGES DE SOUPAPE**
[72] URACZ, TOMASZ, CA
[72] BOUTI, ABDESLAM, US
[72] KROMBERG, ANDRE AXEL, CA
[72] LAWRENCE, THOMAS ANDREW, US
[72] GRAY, STEPHEN LINWOOD, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2010-03-03
[86] 2008-06-24 (PCT/US2008/068012)
[87] (WO2009/055100)
[30] US (11/877,101) 2007-10-23

---

[11] **2,700,770**
[13] C
[51] **Int.Cl. C04B 7/00 (2006.01)**
[25] EN
[54] **CO2-SEQUESTERING FORMED BUILDING MATERIALS**
[54] **MATERIAUX DE CONSTRUCTION FACONNES SEQUESTRANT LE CO2**
[72] CONSTANTZ, BRENT R., US
[72] YOUNGS, ANDREW, US
[72] HOLLAND, TERENCE C., US
[73] CALERA CORPORATION, US
[85] 2010-03-24
[86] 2009-09-30 (PCT/US2009/059135)
[87] (WO2010/039903)
[30] US (61/101,631) 2008-09-30
[30] US (61/110,489) 2008-10-31
[30] US (61/149,610) 2009-02-03
[30] US (61/246,042) 2009-09-25

---

[11] **2,701,431**
[13] C
[51] **Int.Cl. H04W 4/18 (2009.01) G06F 3/041 (2006.01) H01H 13/70 (2006.01)**
[25] EN
[54] **A METHOD AND MOBILE COMMUNICATION DEVICE FOR GENERATING DUAL-TONE MULTI-FREQUENCY (DTMF) COMMANDS ON A MOBILE COMMUNICATION DEVICE HAVING A TOUCHSCREEN**
[54] **METHODE ET APPAREIL DE COMMUNICATION SANS FIL GENERANT DES COMMANDES A DOUBLE TONALITE MULTFREQUENCE (DTMF) SUR UN APPAREIL DE COMMUNICATION SANS FIL MUNI D'UN ECRAN TACTILE**
[72] MALO, ERIC GARY, CA
[72] KUHL, LAWRENCE EDWARD, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2701431)
[87] (2701431)
[22] 2010-04-23
[30] EP (09158752.7) 2009-04-24

---

[11] **2,703,924**
[13] C
[51] **Int.Cl. H04W 16/00 (2009.01)**
[25] EN
[54] **METHOD FOR SCHEDULING DISTRIBUTED VIRTUAL RESOURCE BLOCKS**
[54] **PROCEDE DE PROGRAMMATION DE BLOCS DE RESSOURCES VIRTUELLES DISTRIBUES**
[72] SEO, DONG YOUN, KR
[72] CHEON, BYEONG GEOL, KR
[72] KIM, BONG HOE, KR
[72] AHN, JOON KUI, KR
[73] LG ELECTRONICS INC., KR
[85] 2010-04-27
[86] 2009-01-06 (PCT/KR2009/000042)
[87] (WO2009/088201)
[30] US (61/019,589) 2008-01-07
[30] US (61/024,886) 2008-01-30
[30] US (61/026,113) 2008-02-04
[30] US (61/028,186) 2008-02-12
[30] US (61/028,511) 2008-02-13
[30] US (61/033,358) 2008-03-03
[30] US (61/037,302) 2008-03-17
[30] US (61/038,778) 2008-03-24
[30] KR (10-2008-0131112) 2008-12-22

---

[11] **2,704,041**
[13] C
[51] **Int.Cl. H04W 24/08 (2009.01) H04L 27/10 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **ENHANCED WIRELESS PACKET DATA COMMUNICATION SYSTEM, METHOD, AND APPARATUS APPLICABLE TO BOTH WIDE AREA NETWORKS AND LOCAL AREA NETWORKS**
[54] **SYSTEME, PROCEDE ET APPAREIL AMELIORES DE COMMUNICATION DE DONNEES PAR PAQUETS APPLICABLES AUX RESEAUX LONGUE PORTEE ET AUX RESEAUX LOCAUX**
[72] SANDERFORD, H. BRITTON, US
[72] ROUQUETTE, ROBERT E., US
[72] NADEN, GARY A., US
[72] REED, MARC L., US
[72] BOUDREAUX, GORDON J., US
[72] BROWN, MICHAEL R., US
[73] M&FC HOLDING, LLC, US
[86] (2704041)
[87] (2704041)
[22] 2002-03-29
[62] 2,442,821
[30] US (60/279,671) 2001-03-30

---

[11] **2,704,287**
[13] C
[51] **Int.Cl. G01N 33/49 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING SPATIAL FIBRIN CLOT FORMATION**
[54] **PROCEDE ET APPAREIL POUR SURVEILLER LA FORMATION D'UN CAILLOT DE FIBRINE DANS L'ESPACE**
[72] ATAULLAKHANOV, FAZOIL, RU
[72] SARBASH, VASILII, RU
[72] OVANESOV, MIKHAIL, RU
[72] PANTELEEV, MIKHAIL, RU
[73] MEDICAL INNOVATIONS LTD., RU
[73] MEDPLAST S.A., CH
[85] 2010-04-30
[86] 2007-11-02 (PCT/CH2007/000543)
[87] (WO2009/055940)

[11] **2,705,123**
[13] C
[51] **Int.Cl. B66F 3/24 (2006.01)**
[25] EN
[54] **MULTI-DIRECTIONAL LIFTING APPARATUS**
[54] **APPAREIL DE LEVAGE MULTIDIRECTIONNEL**
[72] YUEH, MING-CHUAN, TW
[73] SHINN FU COMPANY OF AMERICA, INC., US
[85] 2010-05-06
[86] 2008-11-19 (PCT/US2008/084051)
[87] (WO2009/067527)
[30] US (11/942,385) 2007-11-19

---

[11] **2,706,209**
[13] C
[51] **Int.Cl. C09K 8/64 (2006.01) C09K 8/58 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **WINTERIZING AGENTS FOR OIL BASE POLYMER SLURRIES AND METHOD FOR MAKING AND USING SAME**
[54] **AGENTS DE FRIGELISATION POUR BOUILLIES DE POLYMERES A BASE D'HUILE ET METHODE DE FABRICATION ET D'UTILISATION DE CES AGENTS**
[72] MONREAL, GABRIEL, US
[72] PEREZ, ROY T., JR., US
[72] THOMPSON, JOSEPH, US
[72] ZAMORA, FRANK, US
[72] KAKADJIAN, SARKIS RANKA, US
[73] CLEARWATER INTERNATIONAL, LLC, US
[86] (2706209)
[87] (2706209)
[22] 2010-06-04
[30] US (12/479,486) 2009-06-05

---

[11] **2,706,584**
[13] C
[51] **Int.Cl. H01M 8/10 (2006.01) B01J 47/12 (2006.01) C08J 5/22 (2006.01)**
[25] EN
[54] **HIGHLY STABLE FUEL CELL MEMBRANES AND METHODS OF MAKING THEM**
[54] **MEMBRANES DE PILE A COMBUSTIBLE TRES STABLES ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] DURANTE, VINCENT A., US
[72] DELANEY, WILLIAM E., US
[73] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2010-05-21
[86] 2008-12-03 (PCT/US2008/013342)
[87] (WO2009/078916)
[30] US (11/956,819) 2007-12-14

---

[11] **2,707,691**
[13] C
[51] **Int.Cl. A61K 31/688 (2006.01) A61K 31/513 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SPHINGOMYELIN CONTAINING PREPARATION**
[54] **PREPARATION CONTENANT DE LA SPHINGOMYELINE POUR L'AMELIORATION DU TRAITEMENT DES TUMEURS**
[72] MODRAK, DAVID, US
[73] CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY, US
[86] (2707691)
[87] (2707691)
[22] 2000-03-24
[62] 2,368,676
[30] US (60/126,189) 1999-03-25

---

[11] **2,707,767**
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/04 (2006.01) C07K 5/083 (2006.01) C07K 5/087 (2006.01) C07K 5/107 (2006.01) C07K 7/06 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **BIOLOGICALLY ACTIVE PEPTIDES**
[54] **PEPTIDES BIOACTIFS**
[72] WONG, WAI MING, CN
[72] LAM, KONG, CN
[73] CMS PEPTIDES PATENT HOLDING COMPANY LIMITED, VG
[86] (2707767)
[87] (2707767)
[22] 2002-07-11
[62] 2,452,417
[30] US (09/904,492) 2001-07-13

---

[11] **2,708,631**
[13] C
[51] **Int.Cl. B26F 1/46 (2006.01) F16L 59/02 (2006.01) F16L 59/14 (2006.01)**
[25] FR
[54] **COMPRESSED HEAT INSULATION HOUSING**
[54] **COQUILLE DE CALORIFUGEAGE COMPRESSEE**
[72] JESSEN, ERLING, DK
[72] JENSEN, FLEMING LUND, DK
[72] RIAS, JEAN-CLAUDE, FR
[72] DELAHOCHE, MICHEL, FR
[72] VAN LOOKEREN, FRANK, GB
[73] SAINT-GOBAIN ISOVER, FR
[86] (2708631)
[87] (2708631)
[22] 2002-07-10
[62] 2,453,529
[30] DK (PCT/DK01/00498) 2001-07-17
[30] FR (01/14106) 2001-10-31

[11] **2,710,681**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **DETECTION METHOD AND DETERMINATION METHOD FOR DETECTION TARGET**
[54] **PROCEDE DE DETECTION ET PROCEDE DE DETERMINATION POUR DETECTER UNE CIBLE DE DETECTION**
[72] SAWAI, TOSHIYA, JP
[72] OOWADA, ERI, JP
[72] NAGAOKA, HIROKAZU, JP
[72] SUGITA, SATORU, JP
[72] UEKI, TOSHIYA, JP
[73] ORTHO-CLINICAL DIAGNOSTICS KABUSHIKI KAISHA, JP
[73] JNC CORPORATION, JP
[85] 2010-06-23
[86] 2008-12-25 (PCT/JP2008/073626)
[87] (WO2009/084596)
[30] JP (2007-339991) 2007-12-28

---

[11] **2,715,273**
[13] C
[51] **Int.Cl. B41J 2/17 (2006.01) B41J 29/377 (2006.01)**
[25] EN
[54] **VENT FOR AN INKJET PRINTHEAD**
[54] **FENTE POUR TETE D'IMPRESSION A JET D'ENCRE**
[72] PLATT, DAVID P., US
[73] XEROX CORPORATION, US
[86] (2715273)
[87] (2715273)
[22] 2010-09-23
[30] US (12/570,018) 2009-09-30

---

[11] **2,715,966**
[13] C
[51] **Int.Cl. G01S 1/00 (2006.01)**
[25] EN
[54] **MULTIPATH DETECTION FOR RECEIVED SPS SIGNAL**
[54] **DETECTION MULTITRAJET POUR SIGNAL SPS RECU**
[72] PON, RAYMAN WAI, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-08-17
[86] 2009-02-20 (PCT/US2009/034796)
[87] (WO2009/105728)
[30] US (12/034,597) 2008-02-20

---

[11] **2,716,000**
[13] C
[51] **Int.Cl. G01M 11/00 (2006.01) G01D 5/353 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CHARACTERISTIC MEASURING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE CARACTERISTIQUE DE FIBRE OPTIQUE**
[72] YARI, TAKASHI, JP
[72] ISHIOKA, MASAHITO, JP
[72] KUMAGAI, YOSHIHIRO, JP
[72] OISHI, KAZUSHI, JP
[72] HOTATE, KAZUO, JP
[73] HOTATE, KAZUO, JP
[73] YOKOGAWA ELECTRIC CORPORATION, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2010-08-18
[86] 2009-02-20 (PCT/JP2009/053066)
[87] (WO2009/104751)
[30] JP (2008-039960) 2008-02-21

---

[11] **2,718,642**
[13] C
[51] **Int.Cl. F16M 7/00 (2006.01) B64C 27/00 (2006.01) F16F 1/387 (2006.01) F16F 15/00 (2006.01)**
[25] EN
[54] **VARIABLE STIFFNESS SUPPORT**
[54] **SUPPORT A RIGIDITE VARIABLE**
[72] HAYNES, DAVID F., US
[72] WILLIAMS, DAVID L., US
[72] SMITH, MICHAEL R., US
[72] PASCAL, ROBERT J., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2718642)
[87] (2718642)
[22] 2003-05-21
[62] 2,484,843
[30] US (60/382,295) 2002-05-21

---

[11] **2,718,899**
[13] C
[51] **Int.Cl. B32B 15/04 (2006.01) B32B 15/20 (2006.01) C23C 16/24 (2006.01)**
[25] EN
[54] **PROTECTIVE COATINGS FOR METALS**
[54] **REVETEMENT PROTECTEUR POUR METAUX**
[72] JENNINGS, HAMLIN, US
[72] CAPITO, RAMILLE M., US
[72] THOMAS, JEFFREY J., US
[73] METAL COATING TECHNOLOGIES, LLC, US
[85] 2010-09-17
[86] 2009-03-17 (PCT/US2009/037342)
[87] (WO2009/117379)
[30] US (61/069,804) 2008-03-18
[30] US (12/291,421) 2008-11-10

---

[11] **2,719,414**
[13] C
[51] **Int.Cl. B65D 81/34 (2006.01) B65D 30/10 (2006.01) B65D 30/24 (2006.01) B65D 33/01 (2006.01)**
[25] EN
[54] **SELF-VENTING MICROWAVE HEATING PACKAGE**
[54] **CONDITIONNEMENT DE CHAUFFAGE A MICRO-ONDES AUTOVENTILANT**
[72] SCHNEIDER, LEE M., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2010-09-21
[86] 2009-03-25 (PCT/US2009/038178)
[87] (WO2009/120739)
[30] US (61/072,086) 2008-03-27

---

[11] **2,719,618**
[13] C
[51] **Int.Cl. G06Q 50/02 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING ORIGINS OF PRODUCE**
[54] **SYSTEME ET PROCEDE DE TRACAGE DES ORIGINES DE PRODUITS AGRICOLES**
[72] WISHNATZKI, GARY, US
[72] BOLANOS, MINOR, US
[73] VIRTUALONE, LLC, US
[85] 2010-09-24
[86] 2009-03-05 (PCT/US2009/036092)
[87] (WO2009/145953)
[30] US (12/060,734) 2008-04-01

[11] **2,720,056**
[13] C
[51] **Int.Cl. H01M 4/86 (2006.01) H01M 4/96 (2006.01)**
[25] EN
[54] **FUEL CELL COMPRISING A CATALYST LAYER**
[54] **PILE A COMBUSTIBLE COMPRENANT UNE COUCHE DE CATALYSEUR**
[72] TADOKORO, KENICHIRO, JP
[72] MIZUKAMI, KAZUMI, JP
[72] IIJIMA, TAKASHI, JP
[72] SAWADA, HIDEAKI, JP
[72] HADA, TOMOHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2010-09-29
[86] 2009-03-26 (PCT/JP2009/056838)
[87] (WO2009/123274)
[30] JP (2008-094906) 2008-04-01

[11] **2,723,131**
[13] C
[51] **Int.Cl. C07H 1/08 (2006.01) A61K 36/48 (2006.01) A61P 3/10 (2006.01) C07H 3/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING GALACTOMANNAN AND A PROCESS THEREOF**
[54] **COMPOSITIONS COMPORTANT DU GALACTOMANNANE ET UN PROCEDE POUR LES PREPARER**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[73] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2010-11-01
[86] 2008-05-08 (PCT/IB2008/001179)
[87] (WO2009/136219)

[11] **2,724,254**
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **APPARATUS FOR MEASURING THE VOLUME FLOW RATE OF A CONTROLLED MEDIUM IN A PIPELINE**
[54] **DISPOSITIF POUR DETERMINER LE DEBIT VOLUMIQUE D'UN MILIEU CONTROLE DANS UNE TUYAUTERIE**
[72] ROMANOV, YURIY IGOREVICH, RU
[72] SVILPOV, DMITRY YURIEVICH, RU
[72] MALETSKIY, STANISLAV VLADIMIROVICH, RU
[72] CHAGINA, OLGA VLADIMIROVNA, RU
[73] CLOSED-UP JOINT-STOCK COMPANY COHERENT, RU
[85] 2010-11-12
[86] 2008-07-02 (PCT/RU2008/000429)
[87] (WO2009/139661)
[30] RU (2008118645) 2008-05-12

[11] **2,725,345**
[13] C
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/24 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **INTEGRATED HYDROGEN PRODUCTION AND HYDROCARBON EXTRACTION**
[54] **SYSTEME INTEGRE DE PRODUCTION D'HYDROGENE ET D'EXTRACTION D'HYDROCARBURES**
[72] PALAMARA, JOHN EUGENE, US
[72] ZAGNOLI, DAVID ANTHONY, US
[72] BAADE, WILLIAM FREDERICK, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2725345)
[87] (2725345)
[22] 2010-12-15
[30] US (12/642,249) 2009-12-18

[11] **2,725,485**
[13] C
[51] **Int.Cl. B65D 5/38 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **SLIDE-ACTION HINGE-LID PACKAGE**
[54] **EMBALLAGE A COUVERCLE RABATTABLE A MOUVEMENT COULISSANT**
[72] UESUGI, HIROYUKI, JP
[72] YOSHIMURA, KAZUHIRO, JP
[72] TOKITA, HIDEHISA, JP
[72] FUKUI, MASAHIRO, JP
[72] SAITO, AKIHIRO, JP
[73] JAPAN TOBACCO INC., JP
[85] 2010-11-17
[86] 2009-06-02 (PCT/JP2009/060021)
[87] (WO2009/148036)
[30] JP (2008-149238) 2008-06-06

[11] **2,725,641**
[13] C
[51] **Int.Cl. A61B 17/062 (2006.01)**
[25] EN
[54] **SUTURING APPARATUS AND METHOD**
[54] **APPAREIL A SUTURES ET PROCEDE**
[72] TOPPER, BRAD, US
[72] BANNERMAN, BRETT, US
[72] WEISEL, TOM, US
[72] BENSON, J. TERRY, US
[73] DEPUY MITEK, INC., US
[86] (2725641)
[87] (2725641)
[22] 2002-09-25
[62] 2,657,241
[30] US (60/326,287) 2001-10-01
[30] US (60/358,960) 2002-02-25

[11] **2,725,890**
[13] C
[51] **Int.Cl. A61F 2/28 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **IMPLANT BODY, METHOD OF MANUFACTURE OF SAME, AND DENTAL IMPLANT**
[54] **CORPS D'IMPLANT, SON PROCEDE DE FABRICATION, ET IMPLANT DENTAIRE**
[72] ISHIWATA, TERUO, JP
[73] NANTO SEIMITSU CO., LTD., JP
[85] 2010-11-25
[86] 2009-05-29 (PCT/JP2009/060303)
[87] (WO2009/145361)
[30] JP (2008-143883) 2008-05-30
[30] JP (2009-124780) 2009-05-23

[11] **2,728,149**
[13] C
[51] **Int.Cl. A45D 34/04 (2006.01) A45D 34/00 (2006.01)**
[25] EN
[54] **SINGLE-USE COSMETIC PACKAGE**
[54] **TROUSSE COSMETIQUE A USAGE UNIQUE**
[72] WILDE, MICHELE C., US
[72] NEUNER, CHARLES P., US
[72] KRESS, GEORGE H., US
[73] ELC MANAGEMENT LLC, US
[85] 2010-12-15
[86] 2009-06-10 (PCT/US2009/046907)
[87] (WO2009/158194)
[30] US (61/075,808) 2008-06-26

---

[11] **2,728,404**
[13] C
[51] **Int.Cl. H04N 7/173 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURELY PLACE SHIFTING MEDIA CONTENT**
[54] **SYSTEMES ET PROCEDES POUR UNE LECTURE NOMADE DE FACON SECURISEE D'UN CONTENU MULTIMEDIA**
[72] RAO, PADMANABHA R., US
[73] SLING MEDIA INC., US
[85] 2010-12-15
[86] 2009-06-29 (PCT/US2009/049006)
[87] (WO2010/002761)
[30] US (12/166,039) 2008-07-01

---

[11] **2,728,793**
[13] C
[51] **Int.Cl. A23L 1/182 (2006.01) A23L 1/10 (2006.01)**
[25] EN
[54] **QUICK COOKING BARLEY AND PROCESS**
[54] **ORGE A CUISSON RAPIDE ET PROCEDE**
[72] QI, HONG, CA
[72] PHILLIPS, CONSTANCE MARY, CA
[72] ELIASON, MARSHALL VANCE, CA
[73] PROGRESSIVE FOODS INC., CA
[85] 2010-12-21
[86] 2009-06-23 (PCT/CA2009/000863)
[87] (WO2009/155694)
[30] US (61/075,622) 2008-06-25

---

[11] **2,729,292**
[13] C
[51] **Int.Cl. C07C 323/40 (2006.01) A61K 31/192 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 37/08 (2006.01) C07C 317/28 (2006.01) C07C 323/44 (2006.01) C07C 323/60 (2006.01)**
[25] EN
[54] **PHENOXYPHENYL SULFIDE, SULFINYL AND SULFONYL ANTAGONISTS OF PROSTAGLANDIN D2 RECEPTORS**
[54] **SULFIDE DE PHENOXYPHENYL, SULFINYLE ET SULFONYLE ANTAGONISTES DES RECEPTEURS D2 DE LA PROSTAGLANDINE**
[72] HUTCHINSON, JOHN HOWARD, US
[72] SEIDERS, THOMAS JON, US
[72] WANG, BOWEI, US
[72] ARRUDA, JEANNIE M., US
[72] STEARNS, BRIAN ANDREW, US
[73] PANMIRA PHARMACEUTICALS, LLC, US
[85] 2010-12-22
[86] 2009-07-02 (PCT/US2009/049621)
[87] (WO2010/003120)
[30] US (61/078,311) 2008-07-03

---

[11] **2,729,854**
[13] C
[51] **Int.Cl. A61K 45/06 (2006.01)**
[25] EN
[54] **COMBINATION OF A PARP INHIBITOR AND AN AKT KINASE ACTIVATING COMPOUND**
[54] **COMPOSE D'ACITVATION D'UNE COMBINAISON D'INHIBITEUR PARP DE D'UNE AKT KINASE**
[72] GALLYAS, FERENC, HU
[72] SUMEGI, BALAZS, HU
[72] VETO, SARA, HU
[72] ACS, PETER, HU
[72] KOMOLY, SAMUEL, HU
[72] ILLES, ZSOLT, HU
[73] PECSI TUDOMANYEGYETEM, HU
[85] 2010-12-30
[86] 2009-07-01 (PCT/HU2009/000055)
[87] (WO2010/001186)
[30] HU (P0800414) 2008-07-04

---

[11] **2,730,241**
[13] C
[51] **Int.Cl. B22D 2/00 (2006.01) B22D 11/18 (2006.01) B22D 11/20 (2006.01)**
[25] EN
[54] **TEMPERATURE MEASUREMENT IN A CHILL MOLD BY A FIBER OPTIC MEASUREMENT METHOD**
[54] **MESURE DE LA TEMPERATURE DANS UNE LINGOTIERE A L'AIDE D'UN PROCEDE DE MESURE A FIBRE OPTIQUE**
[72] ARZBERGER, MATTHIAS, DE
[72] LIEFTUCHT, DIRK, DE
[73] SMS SIEMAG AKTIENGESELLSCHAFT, DE
[85] 2011-01-07
[86] 2009-07-07 (PCT/EP2009/004901)
[87] (WO2010/003632)
[30] DE (10 2008 032 341.1) 2008-07-10
[30] DE (10 2008 060 507.7) 2008-12-04

---

[11] **2,731,400**
[13] C
[51] **Int.Cl. E21D 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR INTRODUCING A VERTICAL SHAFT AND SHAFT DRIVING MACHINE**
[54] **PROCEDE DE FONCAGE D'UN PUITS VERTICAL ET ENGIN DE CREUSEMENT**
[72] BURGER, WERNER, DE
[73] HERRENKNECHT AG, DE
[85] 2011-01-19
[86] 2008-07-31 (PCT/EP2008/006318)
[87] (WO2010/012290)

---

[11] **2,733,310**
[13] C
[51] **Int.Cl. E04C 2/52 (2006.01) E04B 1/348 (2006.01) E04B 5/48 (2006.01) E04C 1/39 (2006.01) F24D 3/14 (2006.01)**
[25] EN
[54] **COMPOSITE BUILDING MODULE WITH A THERMAL MASS RADIATOR**
[54] **MODULE DE CONSTRUCTION EN MATERIAU COMPOSITE POURVU D'UN RADIATEUR A MASSE THERMIQUE**
[72] TERON, WILLIAM, CA
[73] URBANETICS INC., CA
[85] 2011-03-09
[86] 2010-09-17 (PCT/CA2010/001435)
[87] (WO2012/034207)

[11] **2,735,613**
[13] C
[51] **Int.Cl. E03D 3/12 (2006.01)**
[25] EN
[54] **SECONDARY BLEED VALVE FOR DUAL FLUSH VALVE**
[54] **ROBINET DE PURGE SECONDAIRE POUR ROBINET DE CHASSE D'EAU DOUBLE**
[72] STRAATMAN, ANTHONY G., CA
[72] FISHER, BRYAN TODD, CA
[72] SIDDIQUI, KAMRAN, CA
[72] STAUDER, FRANK A., CA
[73] MASCO CANADA LIMITED, CA
[86] (2735613)
[87] (2735613)
[22] 2011-04-04
[30] US (12/771,267) 2010-04-30

[11] **2,736,915**
[13] C
[51] **Int.Cl. H01M 4/48 (2010.01)**
[25] EN
[54] **CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY**
[54] **SUBSTANCE ACTIVE D'ELECTRODE POSITIVE POUR BATTERIE SECONDAIRE AU LITHIUM**
[72] CHANG, SUNG KYUN, KR
[72] PARK, HONG-KYU, KR
[72] SHIN, HO SUK, KR
[72] HONG, SEUNG TAE, KR
[72] CHOI, YOUNGSUN, KR
[73] LG CHEM, LTD., KR
[85] 2011-03-10
[86] 2009-09-10 (PCT/KR2009/005149)
[87] (WO2010/030131)
[30] KR (10-2008-0089335) 2008-09-10

[11] **2,736,921**
[13] C
[51] **Int.Cl. C07K 14/775 (2006.01) A61K 38/08 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **TUMOUR-ASSOCIATED PEPTIDES THAT BIND TO MHC MOLECULES**
[54] **PEPTIDES ASSOCIES AUX TUMEURS ET SE LIANT A UNE MOLECULE DU COMPLEXE MAJEUR D'HISTOCOMPATIBILITE**
[72] WEINSCHENK, TONI, DE
[72] RAMMENSEE, HANS GEORG, DE
[72] STEVANOVIC, STEFAN, DE
[73] IMMATICS BIOTECHNOLOGIES INC., DE
[86] (2736921)
[87] (2736921)
[22] 2003-03-27
[62] 2,487,137
[30] DE (102 25 144.4) 2002-05-29

[11] **2,737,266**
[13] C
[51] **Int.Cl. B65B 1/22 (2006.01) A62B 23/02 (2006.01)**
[25] EN
[54] **RESPIRATOR FILTER CANISTERS AND METHOD OF FILLING SAME**
[54] **BOITIERS FILTRANTS DE RESPIRATEUR ET LEUR PROCEDE DE REMPLISSAGE**
[72] SCHLAECHTER, JOHN, US
[73] AVON PROTECTION SYSTEMS, INC., US
[86] (2737266)
[87] (2737266)
[22] 2003-04-24
[62] 2,483,290
[30] US (60/319,206) 2002-04-25

[11] **2,739,191**
[13] C
[51] **Int.Cl. F16L 3/01 (2006.01) F03D 11/00 (2006.01)**
[25] EN
[54] **WIND TURBINE GENERATOR AND CABLE SUPPORTING STRUCTURE FOR USE THEREIN**
[54] **GENERATEUR EOLIEN ET STRUCTURE DE SUPPORT DES CABLES CONNEXE**
[72] UENO, YASUHIRO, JP
[72] TSUTSUMI, YOSHIAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2011-05-03
[86] 2010-03-15 (PCT/JP2010/054343)
[87] (WO2011/114423)

[11] **2,740,015**
[13] C
[51] **Int.Cl. F28D 9/00 (2006.01) B23K 1/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] MUNARI, MATTEO, IT
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2011-04-07
[86] 2009-10-05 (PCT/SE2009/051101)
[87] (WO2010/044726)
[30] SE (0802203-0) 2008-10-16

[11] **2,741,217**
[13] C
[51] **Int.Cl. G05G 1/08 (2006.01)**
[25] EN
[54] **ROTARY KNOB**
[54] **BOUTON ROTATIF**
[72] TAKEDA, NAGATOSHI, JP
[72] TSUJIYA, YOSHINAO, JP
[73] SUMITOMO WIRING SYSTEMS, LTD., JP
[85] 2011-04-19
[86] 2010-02-18 (PCT/JP2010/001040)
[87] (WO2011/001559)
[30] JP (2009-155178) 2009-06-30

[11] **2,741,739**
[13] C
[51] **Int.Cl. B01D 53/10 (2006.01) B01D 53/30 (2006.01) B01D 53/68 (2006.01) C25C 3/22 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR VERIFYING AND CONTROLLING THE REMOVAL OF HYDROGEN FLUORIDE FROM A PROCESS GAS**
[54] **PROCEDE ET DISPOSITIF POUR LA VERIFICATION ET LA REGULATION DE L'ELIMINATION DE FLUORURE D'HYDROGENE A PARTIR D'UN GAZ DE PROCEDE**
[72] WEDDE, GEIR, NO
[72] BJARNO, ODD EDGAR, NO
[72] WHITE, JESSE, NO
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2011-04-27
[86] 2009-10-27 (PCT/EP2009/064158)
[87] (WO2010/049426)
[30] EP (08167740.3) 2008-10-28

---

[11] **2,742,439**
[13] C
[51] **Int.Cl. F21V 5/00 (2006.01) F21V 7/00 (2006.01) F21S 8/02 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **LIGHT FIXTURE ACCESSORY**
[54] **ACCESSOIRE POUR LUMINAIRE**
[72] KEOGAN, KORY, CA
[73] KEOGAN, KORY, CA
[86] (2742439)
[87] (2742439)
[22] 2011-06-07

---

[11] **2,743,081**
[13] C
[51] **Int.Cl. B60P 7/04 (2006.01) B60J 11/00 (2006.01) B61D 39/00 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TARP SYSTEM WITH UNIVERSAL JOINT CONNECTOR**
[54] **BACHE MUNIE D'UN CONNECTEUR A JOINT UNIVERSEL**
[72] KARTES, SCOTT, US
[72] SEARFOSS, TIMOTHY K., US
[73] ROLL-RITE, LLC, US
[86] (2743081)
[87] (2743081)
[22] 2011-06-09
[30] US (12/827,541) 2010-06-30
[30] US (13/108,105) 2011-05-16

---

[11] **2,744,180**
[13] C
[51] **Int.Cl. B29C 43/34 (2006.01) B29C 43/18 (2006.01) B29C 43/36 (2006.01) B29C 70/06 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD AND MANUFACTURING APPARATUS OF FIBER REINFORCED COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU COMPOSITE RENFORCE PAR DES FIBRES ET APPAREIL POUR LA FABRICATION D'UN MATERIAU COMPOSITE RENFORCE PAR DES FIBRES**
[72] HORIZONO, HIDEKI, JP
[72] NISHIYAMA, SHIGERU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2011-05-18
[86] 2009-11-18 (PCT/JP2009/069586)
[87] (WO2010/058803)
[30] JP (2008-296127) 2008-11-19

---

[11] **2,745,172**
[13] C
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/86 (2006.01) C01B 17/76 (2006.01) C01B 31/20 (2006.01)**
[25] EN
[54] **INTEGRATION OF CATALYTIC SO2 OXIDATION AND OXYFUEL SOUR COMPRESSION**
[54] **INTEGRATION DE L'OXYDATION CATALYTIQUE DU SO2 ET DE LA COMPRESSION DU GAZ ACIDE PRODUIT A PARTIR D'OXYGENE ET DE COMBUSTIBLE**
[72] PETROCELLI, FRANCIS PETER, US
[72] FOGASH, KEVIN BOYLE, US
[72] WHITE, VINCENT, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2745172)
[87] (2745172)
[22] 2011-07-04
[30] US (12/832,096) 2010-07-08

---

[11] **2,745,175**
[13] C
[51] **Int.Cl. C01B 31/20 (2006.01) B01D 53/04 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01) C01B 21/36 (2006.01)**
[25] EN
[54] **RECYCLE TSA REGEN GAS TO BOILER FOR OXYFUEL OPERATIONS**
[54] **RECYCLAGE DES GAZ REGENERES PAR PROCEDE TSA POUR L'OXYCOMBUSTION**
[72] WRIGHT, ANDREW DAVID, GB
[72] FOGASH, KEVIN BOYLE, GB
[72] WHITE, VINCENT, GB
[72] KLOOSTERMAN, JEFFREY WILLIAM, US
[72] GOLDEN, TIMOTHY CHRISTOPHER, US
[72] HIGGINBOTHAM, PAUL, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2745175)
[87] (2745175)
[22] 2011-07-04
[30] US (12/832,117) 2010-07-08

---

[11] **2,745,195**
[13] C
[51] **Int.Cl. C23C 2/06 (2006.01) C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01) C23C 2/02 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **GALVANIZED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**
[54] **FEUILLE D'ACIER GALVANISEE A CHAUD ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] FUSHIWAKI, YUSUKE, JP
[72] SUGIMOTO, YOSHIHARU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2011-05-24
[86] 2009-11-25 (PCT/JP2009/070205)
[87] (WO2010/061954)
[30] JP (2008-301920) 2008-11-27

[11] **2,745,632**
[13] C
[51] **Int.Cl. E21B 33/035 (2006.01)**
[25] EN
[54] **TWO-STAGE SUBMERSIBLE ACTUATORS**
[54] **ACTIONNEURS SUBMERSIBLES A DEUX ETAGES**
[72] GEIGER, DAVID, US
[73] MOOG INC., US
[85] 2011-06-02
[86] 2008-12-05 (PCT/US2008/013435)
[87] (WO2010/065023)

---

[11] **2,745,717**
[13] C
[51] **Int.Cl. C25B 1/13 (2006.01) A61C 19/06 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **ORAL CARE DEVICE WITH AN ELECTRICAL POTENTIAL**
[54] **DISPOSITIF DE SOIN BUCCAL A POTENTIEL ELECTRIQUE**
[72] JIMENEZ, EDUARDO J., US
[72] DICKSON, ROBERT, US
[72] HOHLBEIN, DOUGLAS J., US
[72] CAI, HENG, US
[72] KENNEDY, SHARON, US
[72] MINTEL, THOMAS, US
[72] RUSSELL, BRUCE M., US
[73] COLGATE-PALMOLIVE COMPANY, US
[86] (2745717)
[87] (2745717)
[22] 2006-10-14
[62] 2,624,832
[30] US (60/726,732) 2005-10-14

---

[11] **2,746,005**
[13] C
[51] **Int.Cl. B22D 11/10 (2006.01) B22D 41/50 (2006.01)**
[25] EN
[54] **MOLTEN METAL DISCHARGE NOZZLE**
[54] **BUSE POUR L'EVACUATION DE METAL LIQUIDE**
[72] MIZOBE, ARITO, JP
[72] KAWABE, HIDEAKI, JP
[72] KIMURA, MANABU, JP
[73] KROSAKIHARIMA CORPORATION, JP
[85] 2011-06-06
[86] 2010-05-20 (PCT/JP2010/058556)
[87] (WO2011/010501)
[30] JP (2009-172805) 2009-07-24

---

[11] **2,747,000**
[13] C
[51] **Int.Cl. A61K 31/4985 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01)**
[25] EN
[54] **MALEATE, BESYLATE, AND L-MALATE SALTS OF 6-(5-CHLORO-2-PYRIDYL)-5-[(4-METHYL-1-PIPERAZINYL)CARBONYLOXY]-7-OXO-6,7-DIHYDRO-5H-PYRROLO[3,4-B]PYRAZINE**
[54] **SELS DE MALEATE, DE BESYLATE ET DE L-MALATE DE 6-(5-CHLORO-2-PYRIDYL)-5-[(4-METHYL-1-PIPERAZINYL)CARBONYLOXY]-7-OXO-6,7-DIHYDRO-5H-PYRROLO[3,4-B]-PYRAZINE**
[72] WILKINSON, H. SCOTT, US
[72] HSIA, RICHARD, US
[72] MISRA, TUSHAR, US
[72] SARANTEAS, KOSTAS, US
[73] SUNOVION PHARMACEUTICALS INC., US
[85] 2011-06-14
[86] 2008-12-18 (PCT/US2008/087461)
[87] (WO2009/085972)
[30] US (61/008,363) 2007-12-19
[30] US (61/008,365) 2007-12-19
[30] US (61/008,364) 2007-12-19

---

[11] **2,748,321**
[13] C
[51] **Int.Cl. A24B 3/10 (2006.01) A24B 3/12 (2006.01)**
[25] EN
[54] **TOBACCO CURING METHOD**
[54] **PROCEDE DE SECHAGE DU TABAC**
[72] WILLIAMS, JONNIE R., US
[73] WILLIAMS, JONNIE R., US
[85] 2011-06-22
[86] 2009-12-03 (PCT/US2009/066495)
[87] (WO2010/074908)
[30] US (12/342,192) 2008-12-23

---

[11] **2,749,576**
[13] C
[51] **Int.Cl. B21C 23/08 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SEAMLESS TUBES**
[54] **PROCEDE POUR LA PRODUCTION DE TUBE SANS SOUDURE**
[72] HARADA, KOUICHI, JP
[72] YAMAKAWA, TOMIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2011-07-12
[86] 2010-02-12 (PCT/JP2010/052015)
[87] (WO2010/093000)
[30] JP (2009-031404) 2009-02-13

---

[11] **2,753,393**
[13] C
[51] **Int.Cl. F25B 30/06 (2006.01) F24J 3/08 (2006.01) F25B 27/00 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE-BASED GEOTHERMAL ENERGY GENERATION SYSTEMS AND METHODS RELATED THERETO**
[54] **SYSTEMES DE GENERATION D'ENERGIE GEOTHERMIQUE A BASE DE DIOXYDE DE CARBONE ET PROCEDES S'Y RAPPORTANT**
[72] SAAR, MARTIN O., US
[72] RANDOLPH, JIMMY BRYAN, US
[72] KUEHN, THOMAS H., US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2011-08-23
[86] 2010-03-12 (PCT/US2010/000756)
[87] (WO2010/104599)
[30] US (61/159,948) 2009-03-13

[11] **2,754,432**
[13] C
[51] **Int.Cl. G01D 4/00 (2006.01) G06Q 50/06 (2012.01) G01F 15/00 (2006.01) G01R 22/00 (2006.01) H04W 84/12 (2009.01)**
[25] EN
[54] **DISTRIBUTED METER DATA MANAGEMENT**
[54] **GESTION DES DONNEES DE COMPTEURS REPARTIE**
[72] ANGELIS, BRUCE CHRISTOPHER, US
[72] PAPP, JAMES ALEXANDER, US
[72] DRISCOLL, TIMOTHY JAMES, US
[73] ITRON, INC., US
[86] (2754432)
[87] (2754432)
[22] 2011-10-07
[30] US (13/165,899) 2011-06-22

---

[11] **2,756,755**
[13] C
[51] **Int.Cl. G01M 1/14 (2006.01) E05D 13/00 (2006.01) E05F 15/16 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **A BALANCE CONTROL SYSTEM AND METHOD FOR A MOVABLE BARRIER OPERATOR**
[54] **SYSTEME ET METHODE DE CONTROLE D'EQUILIBRE POUR ACTIONNEUR DE BARRIERE MOBILE**
[72] BROOKBANK, THOMAS A., US
[72] FITZGIBBON, JAMES J., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2756755)
[87] (2756755)
[22] 2003-04-08
[62] 2,480,224
[30] US (10/119,817) 2002-04-10

---

[11] **2,760,431**
[13] C
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SHARING A CONTROL CHANNEL FOR CARRIER AGGREGATION**
[54] **SYSTEME ET PROCEDE POUR UN PARTAGE DE CANAL DE COMMANDE POUR UNE AGREGATION DE PORTEUSES**
[72] MCBEATH, SEAN, US
[72] FONG, MO-HAN, CA
[72] CAI, ZHIJUN, US
[72] EARNSHAW, MARK ANDREW, CA
[72] HEO, YOUN HYOUNG, CA
[73] RESEARCH IN MOTION LIMITED, CA
[85] 2011-12-08
[86] 2010-06-15 (PCT/US2010/038674)
[87] (WO2010/147988)
[30] US (61/187,070) 2009-06-15
[30] US (61/258,525) 2009-11-05
[30] US (61/330,157) 2010-04-30

---

[11] **2,761,772**
[13] C
[51] **Int.Cl. C23C 2/20 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A COATED METAL STRIP WITH AN ENHANCED APPEARANCE**
[54] **PROCEDE DE FABRICATION D'UNE BANDE METALLIQUE REVETUE PRESENTANT UN ASPECT AMELIORE**
[72] DIEZ, LUC, FR
[72] MATAIGNE, JEAN-MICHEL, FR
[72] ORSAL, BERTRAND, FR
[72] SAINT RAYMOND, HUBERT, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L., ES
[85] 2011-11-10
[86] 2010-05-07 (PCT/FR2010/000357)
[87] (WO2010/130890)
[30] FR (PCT/FR2009/000561) 2009-05-14

---

[11] **2,763,731**
[13] C
[51] **Int.Cl. A21C 11/12 (2006.01) A21C 5/00 (2006.01) A23L 1/16 (2006.01) B26D 1/00 (2006.01)**
[25] EN
[54] **CUTTING DEVICE WITH CORRELATED ROTATION AND TRANSLATION SPEEDS**
[54] **DISPOSITIF DE COUPE A VITESSES DE ROTATION ET DE TRANSLATION CORRELEES**
[72] JOHANSSON, GORAN, SE
[73] ROLLSROLLER AB, SE
[85] 2011-11-28
[86] 2010-06-04 (PCT/SE2010/050617)
[87] (WO2010/147536)
[30] SE (0950415-0) 2009-06-05

---

[11] **2,763,953**
[13] C
[51] **Int.Cl. B23D 77/00 (2006.01)**
[25] EN
[54] **REAMER**
[54] **ALESOIR**
[72] NISIKAWA, KOJI, JP
[73] TUNGALOY CORPORATION, JP
[85] 2011-11-29
[86] 2010-05-28 (PCT/JP2010/059152)
[87] (WO2010/137712)
[30] JP (2009-130267) 2009-05-29

---

[11] **2,765,087**
[13] C
[51] **Int.Cl. G09G 5/393 (2006.01)**
[25] EN
[54] **DISPLAY UPDATES IN A WINDOWING SYSTEM USING A PROGRAMMABLE GRAPHICS PROCESSING UNIT**
[54] **MISES A JOUR D'AFFICHAGE DANS UN SYSTEME A FENETRES UTILISANT UNE UNITE DE TRAITEMENT GRAPHIQUE PROGRAMMABLE**
[72] BRUNNER, RALPH, US
[72] HARPER, JOHN, US
[73] APPLE INC., US
[86] (2765087)
[87] (2765087)
[22] 2005-06-01
[62] 2,558,013
[30] US (10/877,358) 2004-06-25
[30] US (10/957,557) 2004-10-01

[11] **2,765,365**
[13] C
[51] **Int.Cl. C06B 21/00 (2006.01) C06B 23/00 (2006.01) C06B 45/00 (2006.01)**
[25] EN
[54] **MOULDABLE PLASTIC EXPLOSIVES AND INERT SIMULANTS FOR MOULDABLE PLASTIC EXPLOSIVES**
[54] **PAINS DE PLASTIC SE PRETANT AU MOULAGE, ET PAINS DE PLASTIC FACTICES INERTES**
[72] WARTMAN, ALBERT, CA
[72] KOFFLER, BRUCE, CA
[73] WARTMAN, ALBERT, CA
[73] KOFFLER, BRUCE, CA
[85] 2011-12-13
[86] 2010-07-09 (PCT/IB2010/002012)
[87] (WO2011/007253)
[30] US (12/501,426) 2009-07-11

[11] **2,765,908**
[13] C
[51] **Int.Cl. B02C 15/04 (2006.01) B02C 25/00 (2006.01)**
[25] EN
[54] **FORCE MONITOR FOR PULVERIZER INTEGRAL SPRING ASSEMBLY**
[54] **MONITEUR DE SURVEILLANCE DE FORCE POUR UN ENSEMBLE A RESSORT INTEGRAL DE PULVERISATEUR**
[72] STONE, RICHARD BRIAN, US
[72] FARRIS, LAWRENCE SCOTT, US
[72] MUNYON, MATTHEW ALAN, US
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2011-12-16
[86] 2010-05-12 (PCT/US2010/034492)
[87] (WO2011/005358)
[30] US (12/490,668) 2009-06-24

[11] **2,774,219**
[13] C
[51] **Int.Cl. H04B 7/08 (2006.01) H04W 24/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECEIVE DIVERSITY CONTROL IN WIRELESS COMMUNICATIONS**
[54] **PROCEDE ET APPAREIL POUR COMMANDE DE DIVERSITE DE RECEPTION DANS DES COMMUNICATIONS SANS FIL**
[72] ULUPINAR, FATIH, US
[72] BREIT, GREGORY ALAN, US
[72] BANISTER, BRIAN CLARKE, US
[72] TIEDEMANN, EDWARD G., JR., US
[73] QUALCOMM INCORPORATED, US
[86] (2774219)
[87] (2774219)
[22] 2005-03-04
[62] 2,558,474
[30] US (60/550,756) 2004-03-05

[11] **2,775,814**
[13] C
[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/258 (2011.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **ADVERTISEMENT PRESENTATION BASED ON A CURRENT MEDIA REACTION**
[54] **PRESENTATION D'UNE PUBLICITE BASEE SUR LA REACTION D'UN MEDIA**
[72] CONRAD, MICHAEL J., US
[72] HULTEN, GEOFFREY J., US
[72] KRUM, KYLE J., US
[72] MENDHRO, UMAIMAH A., US
[72] REMINGTON, DARREN B., US
[72] DE LA GARZA, ENRIQUE, US
[73] MICROSOFT CORPORATION, US
[86] (2775814)
[87] (2775814)
[22] 2012-05-04

[11] **2,777,497**
[13] C
[51] **Int.Cl. H04L 7/02 (2006.01) H04W 56/00 (2009.01) H04W 80/02 (2009.01)**
[25] EN
[54] **SINGLE-BURST ACQUISITION FOR WIRELESS COMMUNICATION SYSTEM**
[54] **ACQUISITION PAR RAFALE POUR SYSTEME DE COMMUNICATION SANS FIL**
[72] WALLACE, MARK S., US
[72] KETCHUM, JOHN W., US
[72] WALTON, JAY RODNEY, US
[72] HOWARD, STEVEN J., US
[73] QUALCOMM INCORPORATED, US
[86] (2777497)
[87] (2777497)
[22] 2007-05-22
[62] 2,650,783
[30] US (60/802,627) 2006-05-22

[11] **2,779,146**
[13] C
[51] **Int.Cl. G02B 21/36 (2006.01) G02B 6/24 (2006.01)**
[25] EN
[54] **IMAGING DISTAL END OF MULTIMODE FIBER**
[54] **EXTREMITE DISTALE D'IMAGERIE D'UNE FIBRE MULTIMODALE**
[72] COOPER, DAVID JAMES FREDERICK, CA
[73] SPECTRAL APPLIED RESEARCH INC., CA
[85] 2012-06-08
[86] 2010-12-07 (PCT/CA2010/001965)
[87] (WO2011/069261)
[30] US (61/267,725) 2009-12-08
[30] US (61/411,434) 2010-11-08

[11] **2,781,379**
[13] C
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/18 (2006.01) A61K 47/44 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATIONS FOR THE PREVENTION OF SEXUALLY TRANSMITTED DISEASE AND METHODS OF PRODUCING THE SAME**
[54] **FORMULATIONS TOPIQUES POUR LA PREVENTION DE MALADIES TRANSMISSIBLES SEXUELLEMENT ET METHODES DE PRODUCTION DESDITES FORMULATIONS**
[72] LICHTBLAU, CRAIG, US
[72] IPARRAGUIRRE, JOSE I., US
[73] CLJI IP COMPANY, LLC, US
[86] (2781379)
[87] (2781379)
[22] 2012-06-27
[30] US (13/430,267) 2012-03-26

---

[11] **2,782,272**
[13] C
[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A DESTINATION-BASED CARE SERVICES MODEL**
[54] **SYSTEMES ET PROCEDES POUR UN MODELE DE SERVICES DE SOINS FONDE SUR LA DESTINATION**
[72] KABOFF, ANDREW M., US
[72] WEGNER, STEVEN A., US
[72] TUROFF, MICHAEL, US
[72] WONS, MICHAEL K., US
[73] CELLTRAK TECHNOLOGIES, INC., US
[86] (2782272)
[87] (2782272)
[22] 2012-07-06

---

[11] **2,785,259**
[13] C
[51] **Int.Cl. A01D 34/412 (2006.01) A01D 43/16 (2006.01) B26D 1/553 (2006.01)**
[25] EN
[54] **WEED TRIMMER WITH A WINGNUT PLATE**
[54] **COUPE-BORDURE AVEC PLAQUE A ECROU A OREILLES**
[72] MACDONALD, RANDY, CA
[73] MACDONALD, RANDY, CA
[86] (2785259)
[87] (2785259)
[22] 2012-08-09

---

[11] **2,797,031**
[13] C
[51] **Int.Cl. E05F 1/16 (2006.01) E05D 15/16 (2006.01) E05F 11/38 (2006.01) F16F 1/12 (2006.01) F16F 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CANCELING OPPOSING TORSIONAL FORCES IN A COMPOUND BALANCE**
[54] **DISPOSITIF ET METHODE D'ANNULATION DES FORCES DE TORSION DANS UNE BALANCE COMBINEE**
[72] KELLUM, WILBUR JAMES, III, US
[72] LUCCI, ROBERT M., US
[73] CALDWELL MANUFACTURING COMPANY, US
[86] (2797031)
[87] (2797031)
[22] 2009-10-01
[62] 2,681,495
[30] US (61/102,088) 2008-10-02

---

[11] **2,806,809**
[13] C
[51] **Int.Cl. A01K 5/01 (2006.01) A01K 1/10 (2006.01)**
[25] EN
[54] **HORSE FEEDER**
[54] **MANGEOIRE POUR CHEVAUX**
[72] DRURY, ROBERT ERNEST, CA
[73] DRURY, ROBERT ERNEST, CA
[85] 2013-01-22
[86] 2011-07-29 (PCT/CA2011/000883)
[87] (WO2012/012893)
[30] US (61/344,465) 2010-07-30

---

[11] **2,810,587**
[13] C
[51] **Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ALIGNMENT OF A PATTERN ON A SPATIAL CODED SLIDE IMAGE**
[54] **PROCEDE ET SYSTEME POUR ALIGNEMENT D'UN MODELE SUR UNE IMAGE DE DIAPOSITIVE A CODAGE SPATIAL**
[72] HEBERT, PATRICK, CA
[72] ROCHETTE, FELIX, CA
[73] CREAFORM INC., CA
[85] 2013-03-21
[86] 2012-11-02 (PCT/IB2012/056112)
[87] (2810587)
[30] US (61/563,280) 2011-11-23

Canadian Applications Open to Public Inspection

August 18, 2013 to August 24, 2013

Demandes canadiennes mises à la disponibilité du public

18 août 2013 au 24 août 2013

[21] **2,768,065**
[13] A1
[51] **Int.Cl. H99Z 99/00 (2006.01) F03G 4/00 (2006.01) F03G 7/00 (2006.01) F24J 3/00 (2006.01) H02G 9/00 (2006.01) H02G 9/06 (2006.01) H02G 7/00 (2006.01)**
[25] EN
[54] **THERMAL ENERGY GENERATION FROM UNDERGROUND POWER TRANSMISSION CABLES (DOUBLE CIRCUIT 750KV TO 120KV)**
[54] **GENERATION D'ENERGIE THERMIQUE DE CABLES ELECTRIQUES SOUTERRAINS (DOUBLE CIRCUIT DE 120 KV A 750 KV)**
[72] BARRETT, SILBERT S., CA
[71] BARRETT, SILBERT S., CA
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,768,355**
[13] A1
[51] **Int.Cl. E04F 11/025 (2006.01) E04F 11/02 (2006.01) F16C 11/00 (2006.01)**
[25] EN
[54] **STAIR STRINGER BRACKET**
[54] **SUPPORT DE LIMON D'ESCALIER**
[72] SAUNDERS, EDWARD W., CA
[71] SAUNDERS, EDWARD W., CA
[22] 2012-02-23
[41] 2013-08-23

---

[21] **2,768,393**
[13] A1
[51] **Int.Cl. B28B 1/14 (2006.01) E04F 15/02 (2006.01) E04F 15/08 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AND INSTALLING A TEXTURED TILE FLOORING PRODUCT**
[54] **PROCEDE DE FABRICATION ET D'INSTALLATION D'UN REVETEMENT DE SOL A CARREAUX TEXTURES**
[72] DOMBOWSKY, MICHAEL, CA
[72] DOMBOWSKY, BEN, CA
[71] DOMBOWSKY, MICHAEL, CA
[71] DOMBOWSKY, BEN, CA
[22] 2012-02-22
[41] 2013-08-22

---

[21] **2,768,575**
[13] A1
[51] **Int.Cl. A21B 3/13 (2006.01) B65D 65/42 (2006.01)**
[25] EN
[54] **SILICONE-COATED PAPER BAKING MOLD AND ITS FABRICATION METHOD**
[54] **MOULE DE CUISSON EN PAPIER REVETU DE SILICONE ET SON PROCEDE DE FABRICATION**
[72] WANG, CHIE-CHIUN, TW
[72] WANG, TAO-YI, TW
[71] WANG, CHIE-CHIUN, TW
[71] WANG, TAO-YI, TW
[22] 2012-02-22
[41] 2013-08-22

---

[21] **2,768,714**
[13] A1
[51] **Int.Cl. G06Q 90/00 (2006.01) E04H 1/00 (2006.01)**
[25] EN
[54] **CUL-DE-SAC SITE PLAN FOR MULTI-BLOCKS OF TOWNHOUSES**
[54] **PLAN DE SITUATION A CUL-DE-SAC POUR PATES MULTIPLES DE MAISONS EN RANGEE**
[72] NG, WILSON, CA
[71] NG, WILSON, CA
[22] 2012-02-20
[41] 2013-08-20

---

[21] **2,768,742**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **LEAN HOCKEY, GOAL SCORING EFFICIENCY OPTMIZATION**
[54] **HOCKEY « LEAN » ET OPTIMISATION DE L'EFFICACITE DU MARQUAGE DE BUT**
[72] SZKODZINSKI, ANDRZEJ, CA
[71] SZKODZINSKI, ANDRZEJ, CA
[22] 2012-02-20
[41] 2013-08-20

---

[21] **2,768,793**
[13] A1
[51] **Int.Cl. E02F 3/39 (2006.01)**
[25] FR
[54] **EXTENDABLE, REMOVABLE HYDRAULIC EXCAVATOR BOOM SET CAPABLE OF BEING REATTACHED**
[54] **ENSEMBLE D'UNE FLECHE D'EXCAVATRICE DETACHABLE, RATTACHABLE ET ALLONGEABLE AVEC CYLINDRE HYDRAULIQUE**
[72] BOUCHARD, PIERRE-LUC, CA
[71] 3515575 CANADA INC., CA
[71] BOUCHARD, PIERRE-LUC, CA
[22] 2012-02-21
[41] 2013-08-21

[21] **2,768,850**
[13] A1
[51] **Int.Cl. F24J 2/52 (2006.01)**
[25] EN
[54] **SOLAR COLLECTOR HOLD DOWN AND FASTENING BRACKET**
[54] **DISPOSITIF DE RETENUE DE COLLECTEUR SOLAIRE ET SUPPORT DE FIXATION**
[72] TAKAHASHI, DAVID K., CA
[71] TAKAHASHI, DAVID K., CA
[22] 2012-02-20
[41] 2013-08-20

---

[21] **2,768,950**
[13] A1
[51] **Int.Cl. B25H 7/00 (2006.01) A47B 97/00 (2006.01) B43L 13/10 (2006.01)**
[25] EN
[54] **ADJUSTABLE TEMPLATE FOR LOCATING MOUNTING HOLES IN CABINET DOORS OR THE LIKES**
[54] **GABARIT AJUSTABLE POUR MARQUER L'EMPLACEMENT DES TROUS DE FIXATION DANS DES PORTES D'ARMOIRE OU ELEMENTS SIMILAIRES**
[72] LEBLANC, CARL, CA
[72] CLOUTIER, LUC, CA
[71] LEBLANC, CARL, CA
[71] CLOUTIER, LUC, CA
[22] 2012-02-22
[41] 2013-08-22

---

[21] **2,768,953**
[13] A1
[51] **Int.Cl. A01D 90/10 (2006.01) B65G 65/46 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **ADJUSTABLE HOPPER FOR USE WITH A PORTABLE GRAIN AUGER**
[54] **TREMIE AJUSTABLE A UTILISER AVEC UNE VIS A GRAIN PORTATIVE**
[72] SCHREINER, GARY, CA
[71] GATCO MANUFACTURING INC., CA
[22] 2012-02-22
[41] 2013-08-22

---

[21] **2,768,967**
[13] A1
[51] **Int.Cl. B25H 7/04 (2006.01) G01B 3/04 (2006.01)**
[25] EN
[54] **MASON'S SPEED SQUARE**
[54] **EQUERRE RAPIDE POUR MACON**
[72] KOREVARR, PETER, CA
[71] KOREVARR, PETER, CA
[22] 2012-02-23
[41] 2013-08-23

---

[21] **2,769,070**
[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01) G01N 15/02 (2006.01) C09K 8/524 (2006.01)**
[25] EN
[54] **A METHOD FOR DETERMINING THE LEVEL OF ASPHALTENE FLOCCULATION IN A STREAM**
[54] **METHODE DE DETERMINATION DU NIVEAU DE FLOCULATION D'ASPHALTENE DANS UN FLUX**
[72] CAI, HAIYONG, CA
[72] MCPHERSON, TIMOTHY PETER, CA
[72] NARAYANAN, PATTABHI RAMAN, CA
[72] SPRAGUE, MICHAEL JAMES, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,769,075**
[13] A1
[51] **Int.Cl. C04B 35/63 (2006.01) B01J 13/02 (2006.01) B29B 15/08 (2006.01)**
[25] EN
[54] **HIGHLY FILLED PARTICULATE COMPOSITE MATERIALS AND METHODS AND APPARATUS FOR MAKING SAME**
[54] **MATERIAUX COMPOSITES PARTICULAIRES HAUTEMENT CHARGES ET PROCEDES ET APPAREIL POUR LA FABRICATION DE CEUX-CI**
[72] COYLE, DOUGLAS, CA
[72] SHERWOOD, WALTER J., US
[71] TORXX GROUP INC., CA
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,769,079**
[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01) F03D 9/00 (2006.01)**
[25] EN
[54] **STANDALONE ALTERNATIVE ENERGY GENERATOR**
[54] **GENERATEUR D'ENERGIE DE REMPLACEMENT AUTONOME**
[72] ZIEHR, CHRIS D., CA
[71] ZIEHR, CHRIS D., CA
[22] 2012-02-20
[41] 2013-08-20

---

[21] **2,769,132**
[13] A1
[51] **Int.Cl. A61H 1/00 (2006.01) A63B 23/03 (2006.01)**
[25] EN
[54] **FACIAL EXERCISE METHOD AND APPARATUS WITH VIBRATION COMPONENT**
[54] **METHODE DE GYMNASTIQUE FACIALE ET APPAREIL AVEC ELEMENT VIBRANT**
[72] KERR, HELEN, CA
[72] LORELLI, ANITA, CA
[71] KERR, HELEN, CA
[71] LORELLI, ANITA, CA
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,769,146**
[13] A1
[51] **Int.Cl. G10D 1/00 (2006.01) G10D 1/08 (2006.01) G10D 3/12 (2006.01)**
[25] EN
[54] **MUSICAL INSTRUMENT**
[54] **INSTRUMENT MUSICAL**
[72] MILDEN, DANIEL JOHN, CA
[71] MILDEN, DANIEL JOHN, CA
[22] 2012-02-20
[41] 2013-08-20

[21] **2,769,148**
[13] A1
[51] **Int.Cl. A61F 5/445 (2006.01)**
[25] EN
[54] **OSTOMY BAG WITH SIDE ACCESS**
[54] **POCHE DE STOMIE AVEC ACCES LATERAL**
[72] WOLRICH, DOUGLAS HAROLD, CA
[72] WOLRICH, MARK DOUGLAS, CA
[71] COLO-MAGIC ENTERPRISES LTD., CA
[22] 2012-02-22
[41] 2013-08-22

[21] **2,769,187**
[13] A1
[51] **Int.Cl. A47J 31/10 (2006.01) A47J 31/02 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER FOR BREWING APPARATUS**
[54] **RECIPIENT DE BOISSON POUR DISPOSITIF D'INFUSION**
[72] TREMBLAY, CHRISTIAN, CA
[71] TREMBLAY, CHRISTIAN, CA
[22] 2012-02-24
[41] 2013-08-24

[21] **2,769,191**
[13] A1
[51] **Int.Cl. H02B 15/04 (2006.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01)**
[25] EN
[54] **AGGREGATING NODES FOR EFFICIENT NETWORK MANAGEMENT SYSTEM VISUALIZATION AND OPERATIONS**
[54] **NOEUDS D'AGREGATION POUR UNE VISUALISATION ET UN FONCTIONNEMENT EFFICACE D'UN SYSTEME DE GESTION DE RESEAU**
[72] REICHMEYER, FRANCIS XAVIER, US
[72] SULLIVAN, WILLIAM JAMES, US
[72] TAYLOR, DAVID CAMPBELL, US
[72] RAO, RAMDAS SITARAM, US
[71] AMBIENT CORPORATION, US
[22] 2012-02-24
[41] 2013-08-21
[30] US (13/400,948) 2012-02-21

[21] **2,769,193**
[13] A1
[51] **Int.Cl. B65D 88/02 (2006.01) B65D 88/54 (2006.01) B65D 88/78 (2006.01)**
[25] EN
[54] **STORAGE TANK**
[54] **RESERVOIR DE STOCKAGE**
[72] PAYNE, ALTON, CA
[71] PAYNE, ALTON, CA
[22] 2012-02-24
[41] 2013-08-24

[21] **2,769,286**
[13] A1
[51] **Int.Cl. A01K 85/08 (2006.01)**
[25] EN
[54] **REALISTIC VINYL PRINTED INSECT WINGS, BODIES, MINNOW BODIES AND HEADS, CRAB SHELL OF ANY TYPE OR FOOD THAT FISH EAT THAT IS REPLICATED USING PRINTED VINYL BOTH STICKY AND NON-STICKY PRODUCTS**
[54] **AILES ET CORPS D'INSECTE, CORPS ET TETES DE MENES, CARAPACE DE CRABE DE TOUT TYPE IMPRIMES EN VINYLE ET REALISTES OU NOURRITURE MANGEE PAR LES POISSONS REPRODUITE AU MOYEN DE PRODUITS EN VINYLE IMPRIME ADHESIFS ET NON ADHESIFS**
[72] ONOFRYCHUK, BRENT S., CA
[71] ONOFRYCHUK, BRENT S., CA
[22] 2012-02-23
[41] 2013-08-23

[21] **2,769,304**
[13] A1
[51] **Int.Cl. E06B 1/52 (2006.01) E06B 3/988 (2006.01)**
[25] EN
[54] **HINGE REINFORCED FRAME ASSEMBLY**
[54] **ENSEMBLE DE CADRE RENFORCE PAR DES CHARNIERES**
[72] GADOURY, ALAIN, CA
[71] CONDOOR SYSTEMS INC., CA
[22] 2012-02-23
[41] 2013-08-23

[21] **2,769,542**
[13] A1
[51] **Int.Cl. B66B 9/00 (2006.01) B66B 11/00 (2006.01)**
[25] EN
[54] **ENAXIAL ELEVATOR**
[54] **ASCENSEUR ENAXIAL**
[72] ENTEZARI, GHOLAM ALI EN, CA
[72] ENTEZARI, MOHAMMAD HOSSEIN ME, CA
[72] TEYMOURY, SOHEILA ST, CA
[71] ENTEZARI, GHOLAM ALI EN, CA
[71] ENTEZARI, MOHAMMAD HOSSEIN ME, CA
[71] TEYMOURY, SOHEILA ST, CA
[22] 2012-02-23
[41] 2013-08-23

[21] **2,769,580**
[13] A1
[51] **Int.Cl. E01D 2/00 (2006.01) E01D 19/02 (2006.01) E01D 21/00 (2006.01)**
[25] EN
[54] **METHOD TO COMPRESS PREFABRICATED DECK UNITS WITH EXTERNAL TENSIONED STRUCTURAL ELEMENTS**
[54] **PROCEDE POUR COMPRIMER DES MODULES DE PLATEFORME PREFABRIQUES AVEC DES ELEMENTS STRUCTURAUX TENDUS EXTERNES**
[72] HE, YIDONG, US
[71] HE, YIDONG, US
[22] 2012-02-22
[41] 2013-08-22

[21] **2,769,581**
[13] A1
[51] **Int.Cl. B65D 90/24 (2006.01) F16K 49/00 (2006.01) F16L 53/00 (2006.01) F16L 55/07 (2006.01)**
[25] EN
[54] **THAWING RECEPTACLE FOR AN OIL TANK GATE VALVE**
[54] **RECIPIENT DE DEGEL POUR UN ROBINET-VANNE DE RESERVOIR A MAZOUT**
[72] BABENEK, JAMES F.E., CA
[72] RANDELL, BRADLEY R., CA
[71] RANEK ENTERPRISES LTD., CA
[22] 2012-02-23
[41] 2013-08-23

[21] **2,769,584**
[13] A1
[51] **Int.Cl. B62D 33/06 (2006.01)**
[25] FR
[54] **ANTI-STRESS SPORTS CABIN FOR ELECTRIC SCOOTER**
[54] **UNE CABINE PROTECTRICE DETACHABLE POUR QUADRIPORTEUR ELECTRIQUE**
[72] LAFLEUR, LOUISA, CA
[71] LAFLEUR, LOUISA, CA
[22] 2012-02-22
[41] 2013-08-22

---

[21] **2,769,592**
[13] A1
[51] **Int.Cl. E04B 7/10 (2006.01)**
[25] EN
[54] **WOODEN GEODESIC DOME**
[54] **DOME GEODESIQUE EN BOIS**
[72] GAO, HENRY, CA
[71] GAO, HENRY, CA
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,769,680**
[13] A1
[51] **Int.Cl. A47B 21/013 (2006.01) A47B 9/00 (2006.01) A47B 17/02 (2006.01)**
[25] EN
[54] **UNKNOWN**
[54] **INCONNU**
[72] HONG, WEIDONG W.H., CA
[71] HONG, WEIDONG W.H., CA
[22] 2012-02-22
[41] 2013-08-22

---

[21] **2,769,712**
[13] A1
[51] **Int.Cl. B65D 19/38 (2006.01) B65D 79/02 (2006.01) G06Q 10/08 (2012.01) G01V 15/00 (2006.01)**
[25] EN
[54] **SMARTISKID SMARTISKIDS**
[54] **SMARTISKID SMARTISKIDS**
[72] GEIGER, NORMAN E., CA
[71] GEIGER, NORMAN E., CA
[22] 2012-02-21
[41] 2013-08-21

---

[21] **2,769,750**
[13] A1
[51] **Int.Cl. B66C 17/06 (2006.01) B66C 19/00 (2006.01) B66C 25/00 (2006.01) E21C 37/00 (2006.01)**
[25] EN
[54] **MOUNTAIN-MOVING CRANE**
[54] **GRUE POUR LE DEPLACEMENT DES MONTAGNES**
[72] LEE, GIDEON, CA
[71] LEE, GIDEON, CA
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,769,817**
[13] A1
[51] **Int.Cl. A45F 5/00 (2006.01) A61M 99/00 (2012.01)**
[25] EN
[54] **TRANSPORT AND HOLDING SYSTEM**
[54] **SYSTEME DE TRANSPORT ET MAINTIEN**
[72] HYZDU, JULIE, US
[71] HYZDU, JULIE, US
[22] 2012-02-28
[41] 2013-08-23
[30] US (13/403,857) 2012-02-23

---

[21] **2,769,893**
[13] A1
[51] **Int.Cl. H04N 21/2347 (2011.01) H04L 9/16 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PROVIDING CONTENT TO AN IP-ENABLED DEVICE IN A CONTENT DISTRIBUTION NETWORK**
[54] **APPAREIL ET METHODES POUR OFFRIR DU CONTENU A UN DISPOSITIF OPTIMISE IP DANS UN RESEAU DE DISTRIBUTION DE CONTENU**
[72] WILLIAMSON, LOUIS, US
[72] HELMS, WILLIAM L., US
[72] PFEFFER, HOWARD, US
[72] PACI, NOAH, US
[72] NAKHRE, TUSHAR, US
[72] HASEK, CHARLES, US
[72] HUANG, SHAN, US
[72] DANFORTH, ANDREW, US
[71] TIME WARNER CABLE, INC., US
[22] 2012-02-29
[41] 2013-08-23
[30] US (13/403,802) 2012-02-23

---

[21] **2,770,163**
[13] A1
[51] **Int.Cl. B65D 90/12 (2006.01) B65D 90/02 (2006.01) E04H 4/14 (2006.01) E04H 17/14 (2006.01)**
[25] EN
[54] **SECONDARY CONTAINMENT SYSTEM USING MODULAR PANELS**
[54] **SYSTEME DE CONFINEMENT SECONDAIRE UTILISANT DES PANNEAUX MODULAIRES**
[72] THIESSEN, LESTER JAMES, CA
[71] THIESSEN, LESTER JAMES, CA
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,770,969**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **UNIVERSAL SERIAL BUS CHARGING DEVICE**
[54] **DISPOSITIF DE RECHARGE A BUS SERIE UNIVERSEL**
[72] LIU, YUN-ZHAO, CN
[71] GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD., CN
[22] 2012-02-24
[41] 2013-08-24

---

[21] **2,770,992**
[13] A1
[51] **Int.Cl. F23K 5/20 (2006.01) F23K 5/08 (2006.01)**
[25] EN
[54] **SAND OIL COMBUSTION APPARATUS**
[54] **APPAREIL DE COMBUSTION D'HUILE DES SABLES BITUMINEUX**
[72] VOICULESCU, ROMEO T., CA
[71] VOICULESCU, ROMEO T., CA
[22] 2012-03-07
[41] 2013-08-24
[30] CA (UNKNOWN) 2012-02-24

[21] **2,772,342**
[13] A1
[51] **Int.Cl. B65D 88/28 (2006.01) B65G 53/48 (2006.01) A01D 90/10 (2006.01)**
[25] EN
[54] **DETACHABLE ADJUSTABLE HOPPER FOR USE WITH A PORTABLE GRAIN AUGER**
[54] **TREMIE AJUSTABLE AMOVIBLE A UTILISER AVEC UNE VIS A GRAIN PORTATIVE**
[72] SCHREINER, GARY, CA
[71] GATCO MANUFACTURING INC., CA
[22] 2012-03-23
[41] 2013-08-22
[30] CA (2,768,953) 2012-02-22

[21] **2,772,794**
[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) F16B 9/00 (2006.01)**
[25] EN
[54] **BALUSTER BRACKET ASSEMBLY**
[54] **ENSEMBLE DE BALUSTRE EN CONSOLE**
[72] SNEITH, JAYME, US
[71] SNEITH, JAYME, US
[22] 2012-03-29
[41] 2013-08-20
[30] US (13/400,262) 2012-02-20

[21] **2,774,907**
[13] A1
[51] **Int.Cl. G05D 23/19 (2006.01) H04W 84/18 (2009.01) G08C 17/02 (2006.01) H05B 1/00 (2006.01)**
[25] EN
[54] **A WIRELESS THERMOSTATIC CONTROLLED ELECTRIC HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE ELECTRIQUE A COMMANDE THERMOSTATIQUE SANS FIL**
[72] BOUTIN, DOMINIC, US
[72] GELINAS, DANIEL, US
[72] BELAND, STEPHANE JOSEPH PIERRE, US
[72] BOUTIN, VINCENT, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2012-04-19
[41] 2013-08-22
[30] US (13/402,647) 2012-02-22

[21] **2,784,664**
[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 76/02 (2009.01)**
[25] EN
[54] **ESTABLISHING CONNECTIVITY BETWEEN AN ENTERPRISE SECURITY PERIMETER OF A DEVICE AND AN ENTERPRISE**
[54] **ETABLISSEMENT DE LA CONNECTIVITE ENTRE LE PERIMETRE DE SECURITE D'UNE ENTREPRISE D'UN DISPOSITIF ET UNE ENTREPRISE**
[72] BROWN, MICHAEL STEPHEN, CA
[72] LITTLE, HERBERT ANTHONY, CA
[72] RUSSELL, GRAHAM, CA
[72] TAPUSKA, DAVID FRANCIS, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-08-03
[41] 2013-08-20
[30] US (61/600,902) 2012-02-20

[21] **2,785,205**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 28/02 (2009.01) H04L 12/801 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRAFFIC MANAGEMENT**
[54] **SYSTEMES ET METHODES DE GESTION DE TRAFIC**
[72] BOUCHARD, FELIX-ANTOINE R., CA
[72] OLYJNIK, PETER M., CA
[72] BOWMAN, DONALD, CA
[72] FLATT, STEVEN J., CA
[72] DOLSON, DAVID CAMERON, CA
[71] SANDVINE INCORPORATED ULC, CA
[22] 2012-08-07
[41] 2013-08-24
[30] US (61/602,907) 2012-02-24

[21] **2,787,634**
[13] A1
[51] **Int.Cl. H05K 9/00 (2006.01) B65D 30/00 (2006.01) B65D 30/02 (2006.01)**
[25] EN
[54] **SHIELDABLE BAG SYSTEM AND DEVICES**
[54] **SYSTEME ET DISPOSITIFS POUR BLINDAGE D'UN SAC**
[72] KENNEDY, LINDA, US
[71] KENNEDY, LINDA, US
[22] 2012-08-22
[41] 2013-08-21
[30] US (13/385,498) 2012-02-21

[21] **2,788,109**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **MULTI-STAND COMPATIBLE EV CHARGER**
[54] **CHARGEUR POUR VEHICULE ELECTRIQUE COMPATIBLE A NORMES MULTIPLES**
[72] WU, DONGXIAO, CN
[72] CHEN, JIONG, CN
[72] HUA, YAHAN, CN
[72] LU, BIN, CN
[71] EATON CORPORATION, US
[22] 2012-09-04
[41] 2013-08-20
[30] CN (201210040246.2) 2012-02-20

[21] **2,788,188**
[13] A1
[51] **Int.Cl. A45D 33/02 (2006.01)**
[25] EN
[54] **EYE MAKE-UP APPLICATION MACHINE**
[54] **MACHINE D'APPLICATION DE MAQUILLAGE POUR LES YEUX**
[72] WONG, CHARLENE HSUEH-LING, TW
[71] ZONG JING INVESTMENT, INC., TW
[22] 2012-08-28
[41] 2013-08-20
[30] TW (101105516) 2012-02-20

[21] **2,788,521**
[13] A1
[51] **Int.Cl. H04L 29/12 (2006.01) B60L 11/18 (2006.01) B60R 16/02 (2006.01) B60S 5/00 (2006.01) H02J 7/00 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DATA TRANSMISSION DEVICE AND METHOD BETWEEN CHARGER AND ELECTRIC VEHICLE**
[54] **DISPOSITIF ET PROCEDE DE TRANSMISSION DE DONNEES ENTRE UN CHARGEUR ET UN VEHICULE ELECTRIQUE**
[72] WU, DONGXIAO, CN
[72] CHEN, JIONG, CN
[72] HUA, YAHAN, CN
[72] LU, BIN, CN
[71] EATON CORPORATION, US
[22] 2012-09-04
[41] 2013-08-20
[30] CN (201210039866.4) 2012-02-20

[21] **2,791,302**
[13] A1
[51] **Int.Cl. A47G 25/02 (2006.01) A47G 25/08 (2006.01)**
[25] EN
[54] **HANGERSTATION**
[54] **POSTE DE SUSPENSION**
[72] OWEN, MICHAEL, US
[71] OWEN, MICHAEL, US
[22] 2012-09-19
[41] 2013-08-24
[30] US (13404529) 2012-02-24

[21] **2,793,667**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/30 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **RETRIEVAL AND PRESENTATION OF CONTACT DATA AT AN ELECTRONIC DEVICE**
[54] **RETRAIT ET PRESENTATION DE DONNEES DE CONTACT A UN DISPOSITIF ELECTRONIQUE**
[72] WELLS, MICHAEL E.H., SE
[72] JOHANSSON, KARL-ANDERS R., SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-10-24
[41] 2013-08-24
[30] US (61/603,142) 2012-02-24

[21] **2,793,674**
[13] A1
[51] **Int.Cl. A47L 15/42 (2006.01) E05B 1/00 (2006.01)**
[25] EN
[54] **DISHWASHER WITH ERGONOMIC CLOSURE DEVICE**
[54] **LAVE-VAISSELLE AVEC DISPOSITIF DE FERMETURE ERGONOMIQUE**
[72] ENG, LINDSAY, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2012-10-31
[41] 2013-08-21
[30] US (13/400,602) 2012-02-21

[21] **2,793,841**
[13] A1
[51] **Int.Cl. A47C 7/72 (2006.01) A61H 23/00 (2006.01)**
[25] EN
[54] **BACKSTAGE THERAPEUTIC VIBROACOUSTICAL SURROUND SOUND RECLINING CHAIR**
[54] **FAUTEUIL INCLINABLE A SON AMBIOPHONIQUE, VIBROACOUSTIQUE, THERAPEUTIQUE ET D'ARRIERE-SCENE**
[72] WYMAN, YVONNE R., US
[72] BROOK, DOUGLAS N., US
[71] WYMAN, YVONNE R., US
[71] BROOK, DOUGLAS N., US
[22] 2012-10-26
[41] 2013-08-21
[30] US (13/385,503) 2012-02-21

[21] **2,798,033**
[13] A1
[51] **Int.Cl. F24B 1/198 (2006.01) F24B 1/195 (2006.01)**
[25] EN
[54] **A FLUSH-MOUNTED FIREPLACE ASSEMBLY**
[54] **ENSEMBLE DE FOYER ENCASTRE**
[72] BENEDETTI, JOSEPH A., US
[72] GRELLA, AMY, US
[71] LENNOX HEARTH PRODUCTS LLC, US
[22] 2012-12-05
[41] 2013-08-24
[30] US (13/405,120) 2012-02-24

[21] **2,798,197**
[13] A1
[51] **Int.Cl. B41J 2/165 (2006.01) B41J 2/155 (2006.01)**
[25] EN
[54] **INKJET RECORDING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] ISHIKAWA, AKIRA, JP
[72] YAMAZAKI, YUUICHI, JP
[72] OOYAMA, KOUICHI, JP
[72] SATO, MASAHITO, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[22] 2012-12-06
[41] 2013-08-20
[30] JP (2012-033646) 2012-02-20

[21] **2,798,295**
[13] A1
[51] **Int.Cl. F23D 14/02 (2006.01) F23D 14/14 (2006.01)**
[25] EN
[54] **A MULTI-CHANNEL BURNER ASSEMBLY SIMULTANEOUSLY ACCEPTING MULTIPLE DIFFERENT FUEL-AIR MIXTURES**
[54] **ENSEMBLE DE BRULEUR A CANAUX MULTIPLES ACCEPTANT PLUSIEURS MELANGES AIR/COMBUSTIBLE DIFFERENTS**
[72] BENEDETTI, JOSEPH A., US
[72] AL-FARRAN, KAMAL, US
[72] JOHNS, KENNETH D., US
[71] LENNOX HEARTH PRODUCTS LLC, US
[22] 2012-12-05
[41] 2013-08-24
[30] US (13/405,163) 2012-02-24

[21] **2,798,348**
[13] A1
[51] **Int.Cl. B60K 1/02 (2006.01) B60L 11/18 (2006.01) B60S 5/06 (2006.01)**
[25] EN
[54] **TERMINAL BASE OF POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE**
[54] **BASE TERMINALE D'UN DISPOSITIF D'ALIMENTATION EN ELECTRICITE POUR UN VEHICULE ELECTRIQUE**
[72] KAWATANI, SHINJI, JP
[72] NAKAYAMA, MASARU, JP
[72] SHOKAKU, ISAO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2012-12-07
[41] 2013-08-20
[30] JP (2012-034058) 2012-02-20

[21] **2,798,547**
[13] A1
[51] **Int.Cl. F24B 1/195 (2006.01) F24B 1/18 (2006.01) F24B 1/185 (2006.01)**
[25] EN
[54] **A FIREPLACE LINER**
[54] **REVETEMENT POUR FOYER**
[72] BENEDETTI, JOSEPH A., US
[72] JOHNS, KENNETH D., US
[72] BENNETT, MICHAEL L., US
[71] LENNOX HEARTH PRODUCTS LLC, US
[22] 2012-12-05
[41] 2013-08-24
[30] US (13/405,178) 2012-02-24

[21] **2,798,658**
[13] A1
[51] **Int.Cl. B60K 1/02 (2006.01) B60L 11/18 (2006.01) B60S 5/06 (2006.01)**
[25] EN
[54] **POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE**
[54] **DISPOSITIF D'ALIMENTATION EN ELECTRICITE POUR UN VEHICULE ELECTRIQUE**
[72] KAWATANI, SHINJI, JP
[72] NAKAYAMA, MASARU, JP
[72] SHOKAKU, ISAO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2012-12-12
[41] 2013-08-20
[30] JP (2012-034056) 2012-02-20

[21] **2,801,452**
[13] A1
[51] **Int.Cl. H04W 84/20 (2009.01) H04L 7/00 (2006.01) H04B 1/713 (2011.01)**
[25] EN
[54] **SCALABLE PACKETS IN A FREQUENCY HOPPING SPREAD SPECTRUM (FHSS) SYSTEM**
[54] **PAQUETS ECHELONNABLES DANS UN SYSTEME A ETALEMENT DE SPECTRE A SAUT DE FREQUENCE**
[72] SHUEY, KENNETH C., US
[72] HEMMINGER, RODNEY C., US
[71] ELSTER SOLUTIONS, LLC, US
[22] 2013-01-10
[41] 2013-08-21
[30] US (13/356,903) 2012-02-21

[21] **2,801,784**
[13] A1
[51] **Int.Cl. F16K 31/18 (2006.01) B67D 7/06 (2010.01) B67D 7/78 (2010.01) B65D 90/26 (2006.01) F16K 31/14 (2006.01)**
[25] EN
[54] **TESTABLE OVERFILL PREVENTION VALVE**
[54] **SOUPAPE DE PREVENTION CONTRE LE TROP-PLEIN TESTABLE**
[72] HIGGINS, JEROMY E., US
[72] LIEBAL, CHARLES J., JR., US
[71] DELAWARE CAPITAL FORMATION, INC., US
[22] 2013-01-11
[41] 2013-08-21
[30] US (13/401,213) 2012-02-21

[21] **2,801,904**
[13] A1
[51] **Int.Cl. E21B 19/24 (2006.01)**
[25] EN
[54] **LONGITUDINAL POSITIONING TOOL FOR A ROD STRING**
[54] **OUTIL DE POSITIONNEMENT LONGITUDINAL POUR UN TRAIN DE TIGES**
[72] TUCKER, SHAYNE L., CA
[71] TUCKER, SHAYNE L., CA
[22] 2013-01-09
[41] 2013-08-23
[30] US (61/602,379) 2012-02-23

[21] **2,802,245**
[13] A1
[51] **Int.Cl. B22F 9/22 (2006.01) C01B 33/02 (2006.01) C01B 33/027 (2006.01) C01G 23/00 (2006.01) C01G 25/00 (2006.01) C01G 27/00 (2006.01) C23C 4/12 (2006.01)**
[25] EN
[54] **PLASMA SPRAY METHOD**
[54] **PROCEDE DE PROJECTION PLASMA**
[72] HOSPACH, ANDREAS, DE
[72] VASSEN, ROBERT, DE
[72] MAUER, GEORG, DE
[72] RAUWALD, KARL-HEINZ, DE
[72] STOEVER, DETLEV, DE
[72] VON NIESSEN, KONSTANTIN, CH
[72] GINDRAT, MALKO, CH
[71] SULZER METCO AG, CH
[22] 2013-01-16
[41] 2013-08-23
[30] EP (12156660.8) 2012-02-23

[21] **2,802,255**
[13] A1
[51] **Int.Cl. H01H 71/52 (2006.01) H01H 71/12 (2006.01)**
[25] EN
[54] **ENCLOSED SWITCH INCLUDING A SHUNT TRIP MECHANISM**
[54] **COMMUTATEUR ENFERME COMPORTANT UN MECANISME A DECLENCHEUR DE DERIVATION**
[72] PROHASKA, RICHARD D., US
[72] ENSLEY, JEFFREY B., US
[71] EATON CORPORATION, US
[22] 2013-01-17
[41] 2013-08-22
[30] US (13/402,152) 2012-02-22

[21] **2,802,551**
[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **BUTTRESS RETENTION SYSTEM FOR LINEAR ENDOSTAPLERS**
[54] **SYSTEME DE RETENUE DE CONTREFORT POUR AGRAFEUSES ENDOSCOPIQUES LINEAIRES**
[72] HODGKINSON, GERALD, US
[71] COVIDIEN LP, US
[22] 2013-01-21
[41] 2013-08-24
[30] US (13/404,134) 2012-02-24

[21] **2,802,571**
[13] A1
[51] **Int.Cl. A45C 11/24 (2006.01) H04W 88/02 (2009.01) A45C 13/10 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **EDGE CLOSURE COVER**
[54] **COUVERCLE DE FERMETURE DE BORDURE**
[72] ALDANA, LEONARDO, CA
[72] SIMOES, FELIPE OLIVEIRA, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-17
[41] 2013-08-24
[30] EP (12156975.0) 2012-02-24

---

[21] **2,803,300**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/14 (2006.01) A47L 5/24 (2006.01) A47L 7/04 (2006.01) A47L 9/08 (2006.01)**
[25] EN
[54] **A BLOWER VACUUM DEVICE**
[54] **DISPOSITIF ASPIRATEUR/SOUFFLEUR**
[72] STONES, KEVIN, GB
[72] ARMSTRONG, JONATHAN, GB
[71] BLACK & DECKER INC., US
[22] 2013-01-22
[41] 2013-08-20
[30] EP (12156246.6) 2012-02-20

---

[21] **2,803,383**
[13] A1
[51] **Int.Cl. C30B 29/06 (2006.01) C30B 33/02 (2006.01)**
[25] EN
[54] **CHUNK POLYCRYSTALLINE SILICON AND PROCESS FOR CLEANING POLYCRYSTALLINE SILICON CHUNKS**
[54] **SILICIUM POLYCRISTALLIN EN MORCEAUX ET PROCEDE POUR NETTOYER DU SILICIUM POLYCRISTALLIN EN MORCEAUX**
[72] TRAUNSPURGER, GERHARD, DE
[72] FABRY, LASZLO, DE
[72] PECH, REINER, DE
[71] WACKER CHEMIE AG, DE
[22] 2013-01-24
[41] 2013-08-21
[30] DE (10 2012 202 640.1) 2012-02-21

---

[21] **2,803,614**
[13] A1
[51] **Int.Cl. F17C 5/00 (2006.01)**
[25] EN
[54] **MOBILE FILLING STATION**
[54] **STATION DE REMPLISSAGE MOBILE**
[72] ISOM, WENDELL W., US
[72] RIBEIRO, MARCELO, US
[72] GARCIA, ARMANDO ALEJANDRO, MX
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2013-01-24
[41] 2013-08-20
[30] US (61/600,851) 2012-02-20

---

[21] **2,803,707**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/94 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE HEIGHT PORT INCLUDING RETENTION ELEMENTS**
[54] **ORIFICE A HAUTEUR AJUSTABLE COMPRENANT DES ELEMENTS DE RETENUE**
[72] KLEYMAN, GENNADY, US
[71] COVIDIEN LP, US
[22] 2013-01-25
[41] 2013-08-23
[30] US (61/602,101) 2012-02-23
[30] US (13/746,470) 2013-01-22

---

[21] **2,803,728**
[13] A1
[51] **Int.Cl. C23C 4/12 (2006.01) B05D 1/10 (2006.01) B22F 7/02 (2006.01)**
[25] EN
[54] **METHOD OF APPLYING A THERMAL BARRIER COATING**
[54] **PROCEDE D'APPLICATION D'UN REVETEMENT AVEC BARRIERE THERMIQUE**
[72] HOSPACH, ANDREAS, DE
[72] VASSEN, ROBERT, DE
[72] MAUER, GEORG, DE
[72] RAUWALD, KARL-HEINZ, DE
[72] STOEVER, DETLEV, DE
[72] VON NIESSEN, KONSTANTIN, CH
[72] GINDRAT, MALKO, CH
[71] FORSCHUNGSZENTRUM JUELICH GMBH, DE
[71] SULZER METCO AG, CH
[22] 2013-01-28
[41] 2013-08-23
[30] EP (12156756.4) 2012-02-23

---

[21] **2,803,858**
[13] A1
[51] **Int.Cl. B64C 27/82 (2006.01) B64C 27/78 (2006.01) B64D 27/24 (2006.01) B64D 35/02 (2006.01)**
[25] FR
[54] **ROTARY-WING AIRCRAFT EQUIPPED WITH A REAR ROTOR AND PROCESS TO OPTIMISE THE OPERATION OF A REAR ROTOR**
[54] **AERONEF A VOILURE TOURNANTE MUNI D'UN ROTOR ARRIERE, ET PROCEDE POUR OPTIMISER LE FONCTIONNEMENT D'UN ROTOR ARRIERE**
[72] DYRLA, NADINE, FR
[71] EUROCOPTER, FR
[22] 2013-01-24
[41] 2013-08-21
[30] FR (12 00502) 2012-02-21

---

[21] **2,804,122**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/94 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **TWO-PART ACCESS PORT**
[54] **ORIFICE D'ACCES EN DEUX PARTIES**
[72] KLEYMAN, GENNADY, US
[71] COVIDIEN LP, US
[22] 2013-01-25
[41] 2013-08-23
[30] US (61/602,102) 2012-02-23
[30] US (13/746,520) 2013-01-22

---

[21] **2,804,718**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MANAGING RELATED MESSAGES AT A COMMUNICATION DEVICE**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR GERER DES MESSAGES CONNEXES A UN DISPOSITIF DE COMMUNICATION**
[72] BALANNIK, VADIM, US
[72] ELLIS, PATRICK DELL, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-05
[41] 2013-08-21
[30] EP (12156281.3) 2012-02-21

[21] **2,805,066**
[13] A1
[51] **Int.Cl. B60K 17/06 (2006.01) B60K 23/00 (2006.01) F16H 61/66 (2006.01)**
[25] EN
[54] **MULTI-CVT DRIVE SYSTEM HAVING EPICYCLE GEAR SET**
[54] **SYSTEME D'ENTRAINEMENT A PLUSIEURS CVT POURVU D'UN TRAIN EPICYCLOIDAL**
[72] YANG, TAI-HER, TW
[71] YANG, TAI-HER, TW
[22] 2013-02-08
[41] 2013-08-23
[30] US (13/403,198) 2012-02-23
[30] US (13/410,427) 2012-03-02
[30] US (13/444,097) 2012-04-11

[21] **2,805,074**
[13] A1
[51] **Int.Cl. B29C 43/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF MANUFACTURING A COMPOSITE STRUCTURE IN A CLOSED CAVITY MOLD**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'UNE STRUCTURE COMPOSITE DANS UN MOULE A CAVITE FERMEE**
[72] BISHOP, STEPHEN K., US
[72] GREENBERG, ROBERT J., US
[72] HENRY, FORREST W., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-08
[41] 2013-08-24
[30] US (13/404,111) 2012-02-24

[21] **2,805,156**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MANAGING ELECTRONIC SUBSCRIPTIONS AT A COMMUNICATION DEVICE**
[54] **PROCEDE, SYSTEME ET APPAREIL DE GESTION DES ABONNEMENTS ELECTRONIQUES A UN DISPOSITIF DE COMMUNICATION**
[72] MAY, DARRELL REGINALD, CA
[72] EWANCHUK, ANDREW JOHN, CA
[72] CHERRY, CARL LLOYD, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-06
[41] 2013-08-23
[30] EP (12156664.0) 2012-02-23

[21] **2,805,207**
[13] A1
[51] **Int.Cl. A61B 1/04 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **SURGICAL SUPPORT ASSEMBLY**
[54] **ENSEMBLE DE SUPPORT CHIRURGICAL**
[72] VIOLA, FRANK, US
[72] PRESCOTT, MICHAEL, US
[71] COVIDIEN LP, US
[22] 2013-02-08
[41] 2013-08-23
[30] US (61/602,103) 2012-02-23
[30] US (13/758,156) 2013-02-04

[21] **2,805,286**
[13] A1
[51] **Int.Cl. F01D 17/02 (2006.01) F01K 7/00 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE**
[72] LANG, WOLFGANG, DE
[72] ZINN, HANSPETER, CH
[72] BOLLHALDER, HEINZ, CH
[72] ANTONANZAS, XABIER, CH
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2013-02-06
[41] 2013-08-20
[30] CH (00215/12) 2012-02-20

[21] **2,805,316**
[13] A1
[51] **Int.Cl. E05D 3/00 (2006.01) E05D 3/02 (2006.01) E05D 11/00 (2006.01)**
[25] EN
[54] **HINGE ASSEMBLY**
[54] **ENSEMBLE DE CHARNIERE**
[72] JABLONSKI, PAUL, US
[71] JABLONSKI, PAUL, US
[22] 2013-02-07
[41] 2013-08-21
[30] US (13/400,803) 2012-02-21
[30] US (13/757,537) 2013-02-01

[21] **2,805,365**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **MULTI-PORTION WOUND PROTECTOR**
[54] **PROTECTEUR DE PLAIE A PLUSIEURS PARTIES**
[72] SMITH, ROBERT C., US
[71] COVIDIEN LP, US
[22] 2013-02-07
[41] 2013-08-23
[30] US (61/602,099) 2012-02-23
[30] US (13/755,212) 2013-01-31

[21] **2,805,435**
[13] A1
[51] **Int.Cl. A63F 13/10 (2006.01) A63F 9/24 (2006.01)**
[25] EN
[54] **GAMING SYSTEM, GAMING DEVICE AND METHOD FOR SHIFTING PROGRESSIVE AWARD CONTRIBUTION RATES**
[54] **SYSTEME DE JEU, DISPOSITIF DE JEU ET PROCEDE POUR DECALER LES TAUX DE CONTRIBUTION AUX PRIX PROGRESSIFS**
[72] HUGHES, WILLIAM KEITH, US
[71] IGT, US
[22] 2013-02-08
[41] 2013-08-24
[30] US (13/404,229) 2012-02-24

[21] **2,805,450**
[13] A1
[51] **Int.Cl. C10G 5/06 (2006.01) C10L 3/12 (2006.01)**
[25] EN
[54] **NGL RECOVERY FROM NATURAL GAS USING A MIXED REFRIGERANT**
[54] **RECUPERATION DES LIQUIDES DU GAZ NATUREL AU MOYEN D'UN FRIGORIGENE MELANGE**
[72] CURRENCE, KEVIN L., US
[71] BLACK & VEATCH CORPORATION, US
[22] 2013-02-08
[41] 2013-08-22
[30] US (13/402,349) 2012-02-22

---

[21] **2,805,472**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **WOUND RETRACTOR INCLUDING RIGID RING**
[54] **ECARTEUR DE PLAIE COMPORTANT UN ANNEAU RIGIDE**
[72] SMITH, ROBERT C., US
[71] COVIDIEN LP, US
[22] 2013-02-08
[41] 2013-08-23
[30] US (61/602,098) 2012-02-23
[30] US (13/755,156) 2013-01-31

---

[21] **2,805,481**
[13] A1
[51] **Int.Cl. B64C 27/54 (2006.01) B64C 11/06 (2006.01) B64C 27/48 (2006.01) B64C 27/605 (2006.01)**
[25] EN
[54] **HUB ASSEMBLY WITH CENTRIFUGAL AND RADIAL BEARINGS**
[54] **ENSEMBLE DE MOYEU AVEC PALIERS CENTRIFUGES ET RADIAUX**
[72] WIINIKKA, MARK, US
[72] STAMPS, FRANK BRADLEY, US
[72] SOTTIAUX, DANIEL P., US
[72] DAILEY, ZACH, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-08
[41] 2013-08-21
[30] US (13/400,837) 2012-02-21

---

[21] **2,805,485**
[13] A1
[51] **Int.Cl. B64C 27/52 (2006.01) B64C 11/48 (2006.01) B64C 27/10 (2006.01) B64D 35/06 (2006.01)**
[25] EN
[54] **COAXIAL COUNTER-ROTATING ROTOR SYSTEM**
[54] **SYSTEME DE ROTOR CONTRAROTATIF COAXIAL**
[72] CORRIGAN, JOHN, US
[72] STAMPS, FRANK B., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-08
[41] 2013-08-21
[30] US (13/401,110) 2012-02-21

---

[21] **2,805,504**
[13] A1
[51] **Int.Cl. F25B 49/02 (2006.01) F24F 11/02 (2006.01)**
[25] EN
[54] **SAFE OPERATION OF SPACE CONDITIONING SYSTEMS USING FLAMMABLE REFRIGERANTS**
[54] **UTILISATION SURE DE SYSTEMES DE CONDITIONNEMENT DE L'ESPACE A L'AIDE DE FRIGORIGENES INFLAMMABLES**
[72] GOEL, RAKESH, US
[72] MANOHAR, SHAILESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2013-02-12
[41] 2013-08-21
[30] US (13/401,430) 2012-02-21

---

[21] **2,805,509**
[13] A1
[51] **Int.Cl. B60R 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING AND PREVENTING LENS SURFACE CONTAMINATION ON A VEHICLE LENS**
[54] **PROCEDE ET APPAREIL POUR ELIMINER ET PREVENIR LA CONTAMINATION DE LA SURFACE DE LA LENTILLE D'UNE LENTILLE DE VEHICULE**
[72] FIELD, MICHAEL, US
[72] MCCABE, PAUL P., US
[71] THE RAYMOND CORPORATION, US
[22] 2013-02-12
[41] 2013-08-23
[30] US (13/403,884) 2012-02-23

---

[21] **2,805,611**
[13] A1
[51] **Int.Cl. B60R 11/00 (2006.01)**
[25] FR
[54] **SUPPORT DEVICE FOR STRETCHER AND AMBULANCE EQUIPPED WITH SUCH A DEVICE**
[54] **DISPOSITIF SUPPORT DE BRANCARD ET VEHICULE SANITAIRE EQUIPE D'UN TEL DISPOSITIF**
[72] BELLOCHE, JEROME, FR
[72] VANDENBERG, CHRISTOPHE, FR
[71] NEXTER SYSTEMS, FR
[22] 2013-02-06
[41] 2013-08-21
[30] FR (12 00 509) 2012-02-21

[21] **2,805,786**
[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01) G06Q 10/10 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **TAGGING INSTANT MESSAGE CONTENT FOR RETRIEVAL USING MOBILE COMMUNICATION DEVICES**
[54] **MARQUAGE DE CONTENU DE MESSAGE INSTANTANE POUR RECUPERATION AU MOYEN D'APPAREILS DE COMMUNICATION MOBILE**
[72] KHAN, TABARAK, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-13
[41] 2013-08-23
[30] EP (12156730.9) 2012-02-23

---

[21] **2,805,790**
[13] A1
[51] **Int.Cl. A45F 3/04 (2006.01) A45F 3/02 (2006.01)**
[25] EN
[54] **CARRYING CASES**
[54] **BOITIERS DE TRANSPORT**
[72] MURPHY, KEVIN, US
[71] PELICAN PRODUCTS, INC., US
[22] 2013-02-14
[41] 2013-08-23
[30] US (13/403682) 2012-02-23

---

[21] **2,805,889**
[13] A1
[51] **Int.Cl. B64C 27/32 (2006.01) B64C 11/06 (2006.01) B64C 27/48 (2006.01)**
[25] EN
[54] **COMPACT ROTORCRAFT DUAL-ELEMENT SPHERICAL ELASTOMERIC CENTRIFUGAL-FORCE BEARING ASSEMBLY**
[54] **ENSEMBLE DE PALIERS A FORCE CENTRIFUGE, ELASTOMERES, SPHERIQUES, A DOUBLE ELEMENT POUR GIRAVION A FAIBLE ENCOMBREMENT**
[72] STAMPS, FRANK B., US
[72] MARSHALL, BRYAN W., US
[72] THOMPSON, TERRY K., US
[72] BRAZIEL, ORION, US
[72] POPELKA, DAVID, US
[72] TISDALE, PATRICK, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-12
[41] 2013-08-21
[30] US (13/401,203) 2012-02-21

---

[21] **2,805,906**
[13] A1
[51] **Int.Cl. E02D 5/60 (2006.01) B63C 1/02 (2006.01) E02D 5/22 (2006.01) E02D 11/00 (2006.01)**
[25] EN
[54] **APPARATUS, METHODS AND SYSTEMS FOR PROTECTING A DOCK PILING**
[54] **APPAREIL, PROCEDES ET SYSTEMES POUR PROTEGER DES PILIERS DE QUAI**
[72] ROWLEY, JOHN, US
[71] ROWLEY, JOHN, US
[22] 2013-02-12
[41] 2013-08-19
[30] US (61600671) 2012-02-19

---

[21] **2,805,919**
[13] A1
[51] **Int.Cl. H02B 1/06 (2006.01)**
[25] EN
[54] **ELECTRICAL PANELBOARD GUARD**
[54] **PROTECTEUR DE PANNEAU ELECTRIQUE**
[72] CANADAY, TIMOTHY KIT, US
[72] CANADAY, CHRISTOPHER ANTHONY, US
[71] ADK ELECTRIC CORPORATION, US
[22] 2013-02-13
[41] 2013-08-23
[30] US (61/602,436) 2012-02-23

---

[21] **2,805,922**
[13] A1
[51] **Int.Cl. D06M 15/507 (2006.01) C08J 5/04 (2006.01) C08K 7/02 (2006.01) C08L 67/02 (2006.01)**
[25] EN
[54] **FIBER STRUCTURE, METHOD FOR ITS MANUFACTURE AND USE AS WELL AS FIBER-RESIN COMPOSITE MATERIAL**
[54] **STRUCTURE EN FIBRES, PROCEDE POUR SA FABRICATION ET SON UTILISATION AINSI QU'UN MATERIAU COMPOSITE EN FIBRE/RESINE**
[72] HOPPE, RALF, CH
[71] EMS-PATENT AG, CH
[22] 2013-02-13
[41] 2013-08-24
[30] EP (12 156 901.6) 2012-02-24

---

[21] **2,805,954**
[13] A1
[51] **Int.Cl. B64C 7/02 (2006.01) B64D 29/00 (2006.01) B64D 29/08 (2006.01)**
[25] EN
[54] **NACELLE**
[54] **NACELLE**
[72] JAMES, NORMAN JOHN, US
[71] ROHR, INC., US
[22] 2013-02-12
[41] 2013-08-24
[30] US (13/404,982) 2012-02-24

[21] **2,806,041**
[13] A1
[51] **Int.Cl. G21C 15/18 (2006.01)**
[25] EN
[54] **NUCLEAR POWER PLANT**
[54] **CENTRALE NUCLEAIRE**
[72] KATONO, KENICHI, JP
[72] CHAKI, MASAO, JP
[72] KITO, KAZUAKI, JP
[71] HITACHI-GE NUCLEAR ENERGY, LTD., JP
[22] 2013-02-15
[41] 2013-08-23
[30] JP (2012-037424) 2012-02-23

---

[21] **2,806,068**
[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) B64D 29/00 (2006.01) B64D 33/10 (2006.01) F01D 25/12 (2006.01) F01D 25/18 (2006.01) F01M 5/00 (2006.01) F02C 7/06 (2006.01) F16N 39/02 (2006.01)**
[25] EN
[54] **AIR-COOLED OIL COOLER FOR TURBOFAN ENGINE**
[54] **REFROIDISSEUR D'HUILE REFROIDI A L'AIR POUR UN MOTEUR A TURBINE**
[72] ALECU, DANIEL T., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-02-14
[41] 2013-08-24
[30] US (13/404,092) 2012-02-24

---

[21] **2,806,113**
[13] A1
[51] **Int.Cl. G03G 9/08 (2006.01)**
[25] EN
[54] **CONTINUOUS PRODUCTION OF FINE TONER**
[54] **PRODUCTION CONTINUE D'ENCRE EN POUDRE FINE**
[72] CHUNG, JOO T., US
[72] CHENG, CHIEH-MIN, US
[72] LAI, ZHEN, US
[71] XEROX CORPORATION, US
[22] 2013-02-14
[41] 2013-08-21
[30] US (13/400,598) 2012-02-21

---

[21] **2,806,193**
[13] A1
[51] **Int.Cl. A01K 69/06 (2006.01)**
[25] EN
[54] **WINTER FISH TRAPS AND METHODS OF USING THE SAME**
[54] **PIEGES A POISSONS D'HIVER ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] HEY, DONALD L., US
[72] HEIDINGER, ROY C., US
[72] CURRAN, ROBERT J., US
[71] HEY, DONALD L., US
[22] 2013-02-15
[41] 2013-08-24
[30] US (13/404,489) 2012-02-24

---

[21] **2,806,275**
[13] A1
[51] **Int.Cl. B64F 5/00 (2006.01) B25B 27/00 (2006.01) B64C 11/30 (2006.01) B64C 27/59 (2006.01) F16C 7/06 (2006.01)**
[25] EN
[54] **PITCH LINK ALIGNMENT TOOL**
[54] **OUTIL D'ALIGNEMENT DE BIELLETTES DE COMMANDE PAS**
[72] PRZANO, DOMINIC, US
[72] LATHAM, GEOFFREY, US
[72] WERNER, AMANDA, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-15
[41] 2013-08-20
[30] US (13/400,522) 2012-02-20

---

[21] **2,806,277**
[13] A1
[51] **Int.Cl. B64C 27/32 (2006.01) B64C 11/04 (2006.01)**
[25] EN
[54] **OFFSET STACKED YOKE HUB FOR TILTROTOR AIRCRAFT**
[54] **MOYEU DE CHAPE EMPILE DECALE POUR AERONEF A ROTORS BASCULANTS**
[72] FOSKEY, CHRISTOPHER, US
[72] STAMPS, FRANK B., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-15
[41] 2013-08-24
[30] US (13/405,030) 2012-02-24

---

[21] **2,806,336**
[13] A1
[51] **Int.Cl. B01D 19/04 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **USE OF SELF-CROSSLINKED SILOXANES FOR THE DEFOAMING OF LIQUID HYRDOCARBONS**
[54] **UTILISATION DE SILOXANES AUTO-RETICULES POUR LE DEMOUSSAGE D'HYDROCARBURES LIQUIDES**
[72] HAENSEL, RENE, DE
[72] FIEDEL, MICHAEL, DE
[72] FERENZ, MICHAEL, DE
[72] VENZMER, JOACHIM, DE
[71] EVONIK INDUSTRIES AG, DE
[22] 2013-02-19
[41] 2013-08-20
[30] DE (102012202523.5) 2012-02-20

---

[21] **2,806,342**
[13] A1
[51] **Int.Cl. F02C 7/20 (2006.01) B23P 15/00 (2006.01)**
[25] EN
[54] **THERMAL EXPANSION JOINT CONNECTION FOR SHEET METAL ASSEMBLY**
[54] **RACCORD DE JOINT DE DILATATION THERMIQUE POUR ENSEMBLE EN TOLE**
[72] DUROCHER, ERIC, CA
[72] LEFEBVRE, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-02-15
[41] 2013-08-24
[30] US (13/404,347) 2012-02-24

---

[21] **2,806,378**
[13] A1
[51] **Int.Cl. H02K 1/06 (2006.01) F03D 11/00 (2006.01) H02K 7/08 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **WIND POWER TURBINE ROTARY ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE TOURNANTE POUR TURBINE EOLIENNE**
[72] GELMINI, EMMANUELLE, IT
[72] CASAZZA, MATTEO, IT
[71] WILIC S.AR.L., LU
[22] 2013-02-20
[41] 2013-08-21
[30] IT (MI2012A 000257) 2012-02-21

[21] **2,806,379**
[13] A1
[51] **Int.Cl. F24F 1/06 (2011.01) F24F 1/56 (2011.01) F24F 13/20 (2006.01) F25B 39/04 (2006.01)**
[25] EN
[54] **AIR CONDITIONER AND HEAT PUMP CONDENSING UNIT CHASSIS WITH ENHANCED SERVICEABILITY ACCESS**
[54] **CHASSIS D'UNITE DE CONDENSATION POUR CLIMATISEUR ET THERMOPOMPE PERMETTANT UN ACCES AMELIORE AUX FINS DE L'ENTRETIEN**
[72] THOMAS, GREGORY MICHAEL, US
[72] SHELLENBERGER, TIMOTHY J., US
[71] RHEEM MANUFACTURING COMPANY, US
[22] 2013-02-15
[41] 2013-08-23
[30] US (61/602,334) 2012-02-23
[30] US (13/717,765) 2012-12-18

[21] **2,806,380**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) B01L 3/00 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **CLOSURE WITH SEPTUM STRIP**
[54] **FERMETURE A BANDE DE CLOISON**
[72] JORDAN, AARON, CH
[72] MULDER, WILLEM, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2013-02-20
[41] 2013-08-24
[30] EP (12156885.1) 2012-02-24

[21] **2,806,382**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHODS AND MARKERS FOR BACTERIAL VAGINOSIS**
[54] **METHODES DE DIAGNOSTIC ET MARQUEURS POUR VAGINOSES BACTERIENNES**
[72] CARTWRIGHT, CHARLES PAUL, US
[72] LEMBKE, BRYNDON DENAE, US
[72] RAMACHANDRAN, KALPANA, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
[22] 2013-02-20
[41] 2013-08-20
[30] US (61/600,845) 2012-02-20

[21] **2,806,383**
[13] A1
[51] **Int.Cl. C08G 77/20 (2006.01) C08G 77/06 (2006.01) C08L 83/07 (2006.01)**
[25] EN
[54] **BRANCHED POLYSILOXANES AND USE OF THESE**
[54] **POLYSILOXANES RAMIFIES ET LEUR UTILISATION**
[72] HENNING, FRAUKE, DE
[72] AMAJJAHE, SADIK, DE
[72] LINKE, UTE, DE
[72] FERENZ, MICHAEL, DE
[72] KNOTT, WILFRIED, DE
[72] ARNING, VOLKER, DE
[72] BRUGGER, BASTIAN MATTHIAS, DE
[72] LEHMANN, KATHRIN, DE
[71] EVONIK GOLDSCHMIDT GMBH, DE
[22] 2013-02-20
[41] 2013-08-20
[30] DE (102012202521.9) 2012-02-20

[21] **2,806,385**
[13] A1
[51] **Int.Cl. F02C 9/00 (2006.01) F01D 25/00 (2006.01) F01K 7/00 (2006.01) G05B 19/045 (2006.01)**
[25] EN
[54] **GAS TURBINE SEQUENCING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MISE EN SEQUENCE DES TURBINES A GAZ**
[72] GAFFNEY, PETER, IE
[72] HILLS, CHRISTOPHER, GB
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-02-14
[41] 2013-08-22
[30] US (13/402,495) 2012-02-22

[21] **2,806,387**
[13] A1
[51] **Int.Cl. C08L 83/04 (2006.01) B01D 19/04 (2006.01) C08K 3/08 (2006.01) C08L 83/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING POLYMERS AND METAL ATOMS OR IONS AND USE THEREOF**
[54] **COMPOSITIONS COMPRENANT DES POLYMERES ET DES ATOMES OU IONS METALLIQUES ET LEUR UTILISATION**
[72] FIEDEL, MICHAEL, DE
[72] FERENZ, MICHAEL, DE
[72] KNOTT, WILFRIED, DE
[72] EIBMANN, INGRID, DE
[72] WIECHERS, SUSANN, DE
[71] EVONIK GOLDSCHMIDT GMBH, DE
[22] 2013-02-20
[41] 2013-08-20
[30] DE (102012202527.8) 2012-02-20

[21] **2,806,398**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 5/30 (2006.01)**
[25] EN
[54] **INTERLAMINAR STRESS REDUCING CONFIGURATION FOR COMPOSITE TURBINE COMPONENTS**
[54] **CONFIGURATION REDUISANT LA CONTRAINTE INTERLAMINAIRE POUR DES COMPOSANTS DE TURBINES COMPOSITES**
[72] JAMISON, JOSHUA BRIAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-02-14
[41] 2013-08-22
[30] US (13/402,642) 2012-02-22

[21] **2,806,401**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **LOW-DUCTILITY TURBINE SHROUD**
[54] **ENVELOPPE DE TURBINE A FAIBLE DUCTILITE**
[72] FRANKS, MICHAEL JOHN, US
[72] SHAPIRO, JASON DAVID, US
[72] RULLI, SAMUEL ROSS, US
[72] DOUGHTY, ROGER LEE, US
[72] JAMISON, JOSHUA BRIAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-02-14
[41] 2013-08-22
[30] US (13/402,616) 2012-02-22

---

[21] **2,806,405**
[13] A1
[51] **Int.Cl. E04H 17/20 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **A WALL OR FENCE SYSTEM**
[54] **SYSTEME DE MUR OU DE CLOTURE**
[72] HOLDEN, NICHOLAS, AU
[71] NICHOLAS HOLDEN PTY LTD, AU
[22] 2013-02-20
[41] 2013-08-20
[30] AU (2012200982) 2012-02-20

---

[21] **2,806,422**
[13] A1
[51] **Int.Cl. B60P 1/43 (2006.01) B62D 33/02 (2006.01)**
[25] EN
[54] **ATV RAMP**
[54] **RAMPE POUR VEHICULE TOUT-TERRAIN**
[72] KRAMLICK, MATTHEW, US
[71] KRAMLICK, MATTHEW, US
[22] 2013-02-20
[41] 2013-08-24
[30] US (61/602715) 2012-02-24

---

[21] **2,806,697**
[13] A1
[51] **Int.Cl. B66C 13/12 (2006.01) B66C 23/42 (2006.01) B66C 23/687 (2006.01)**
[25] EN
[54] **CRANE**
[54] **GRUE**
[72] STEINDL, JOHANNES, AT
[71] EPSILON KRAN GMBH., AT
[22] 2013-02-20
[41] 2013-08-21
[30] EP (12001151.5) 2012-02-21

---

[21] **2,806,709**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01) A01B 15/02 (2006.01) E02F 3/815 (2006.01)**
[25] EN
[54] **PLOW BLADE DAMPING DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF D'AMORTISSEMENT DE LAME DE SOC**
[72] ABRAMCZYK, RON, US
[72] FOX, ERIC, US
[71] IRONHAWK INDUSTRIAL DISTRIBUTION LLC, US
[22] 2013-02-19
[41] 2013-08-20
[30] US (61/600,833) 2012-02-20

---

[21] **2,806,713**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 9/00 (2006.01) H04L 12/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR CONTENT DISTRIBUTION TO PACKET-ENABLED DEVICES VIA A NETWORK BRIDGE**
[54] **APPAREIL ET METHODES POUR DISTRIBUTION DU CONTENU A DES DISPOSITIFS POUVANT RECEVOIR DES PAQUETS PAR LE BIAIS D'UN PONT ENTRE RESEAUX**
[72] PFEFFER, HOWARD, US
[72] PACI, NOAH, US
[72] NAKHRE, TUSHAR, US
[72] DANFORTH, ANDREW, US
[71] TIME WARNER CABLE, INC., US
[22] 2013-02-20
[41] 2013-08-23
[30] US (13/403,814) 2012-02-23

---

[21] **2,806,718**
[13] A1
[51] **Int.Cl. F16B 1/00 (2006.01) E04C 5/12 (2006.01) E04H 12/22 (2006.01) F16B 9/00 (2006.01) F16S 3/04 (2006.01)**
[25] EN
[54] **STRUCTURAL TUBE**
[54] **TUBE STRUCTUREL**
[72] HEMPHILL, DEREK JAY, US
[72] BIGELOW, JAKE, US
[72] HOFFMAN, JASON, US
[72] INGWERSEN, ROSS ROBERT, US
[72] JACOB, CHRISTOPHER ALAN, US
[72] OLIVER, RYAN, US
[72] SCHAFER, BRANDON LEE, US
[71] LEMAR INDUSTRIES CORP., US
[22] 2013-02-20
[41] 2013-08-20
[30] US (13/400,266) 2012-02-20
[30] US (13/770,585) 2013-02-19

---

[21] **2,806,725**
[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **INTEGRATING PAYMENT AGGREGATORS WITH E-COMMERCE PLATFORM**
[54] **INTEGRATION DES AGREGATEURS DE PAIEMENT A UNE PLATEFORME DE COMMERCE ELECTRONIQUE**
[72] SENAPATI, TAPAS RANJAN, IN
[72] SAHOO, RAKESH, IN
[72] PUROHIT, SUMIT, IN
[72] HATI, RASHMI RANJAN, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2013-02-20
[41] 2013-08-21
[30] IN (476/MUM/2012) 2012-02-21

[21] **2,806,770**
[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 BITUMES DANS UN FLUX DE SABLE BITUMINEUX**
[72] KIFT, JULIAN ROBERT, US
[72] PLOEMEN, INGMAR HUBERTUS JOSEPHINA, NL
[72] RINGSTROM, JOHN PATRICK, CA
[71] SHELL CANADA ENERGY, CA
[71] CHEVRON CANADA LIMITED, CA
[71] MARATHON OIL CANADA CORPORATION, CA
[22] 2013-02-21
[41] 2013-08-24
[30] US (61/603,018) 2012-02-24

[21] **2,806,778**
[13] A1
[51] **Int.Cl. B65G 65/40 (2006.01) B65G 69/00 (2006.01)**
[25] EN
[54] **BIN SWEEP**
[54] **VIS BALAYEUSE**
[72] LUSTER, JASON, US
[72] HALL, TODD MAXWELL, US
[72] SEASE, DANIEL, US
[72] KING, CHRISTOPHER RYAN, US
[72] HEMPHILL, DEREK JAY, US
[71] LEMAR INDUSTRIES CORP., US
[22] 2013-02-20
[41] 2013-08-20
[30] US (13/400,496) 2012-02-20

[21] **2,806,785**
[13] A1
[51] **Int.Cl. F28D 1/04 (2006.01) F02C 7/141 (2006.01) F02C 7/224 (2006.01)**
[25] EN
[54] **FUEL AIR HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR CARBURANT/AIR**
[72] PROCIW, LEV ALEXANDER, US
[72] HAWIE, EDUARDO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-02-20
[41] 2013-08-24
[30] US (13/404,789) 2012-02-24

[21] **2,806,786**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) H04W 4/00 (2009.01) H04N 21/2343 (2011.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ON DEMAND VIDEO EXCHANGE BETWEEN ON SITE OPERATORS AND MOBILE OPERATORS**
[54] **SYSTEME ET PROCEDE POUR ECHANGE DE VIDEOS SUR DEMANDE ENTRE DES OPERATEURS DE SITES ET DES OPERATEURS MOBILES**
[72] TOMAR, ABHAY SINGH, US
[72] SINGH, YUVRAJ, US
[72] NARAYANAN, BODDY, US
[72] KOLI, BHUPESH KUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-02-19
[41] 2013-08-23
[30] US (13/403,359) 2012-02-23

[21] **2,806,788**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01) G02F 1/00 (2006.01) H01L 27/04 (2006.01)**
[25] EN
[54] **AN OPHTHALMIC LENS WITH SEGMENTED RING LAYERS IN A FUNCTIONALIZED INSERT**
[54] **LENTILLE OPHTALMIQUE AVEC COUCHES A ANNEAUX SEGMENTES DANS UN INSERT FONCTIONNALISE**
[72] PUGH, RANDALL B., US
[72] FLITSCH, FREDERICK A., US
[72] OTTS, DANIEL B., US
[72] RIALL, JAMES DANIEL, US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2013-02-20
[41] 2013-08-22
[30] US (13/402,263) 2012-02-22
[30] US (13/402,273) 2012-02-22

[21] **2,806,791**
[13] A1
[51] **Int.Cl. G08B 29/12 (2006.01) G08B 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL TIME ANTI-SMASH PROTECTION**
[54] **SYSTEME ET PROCEDE POUR PROTECTION ANTI-ECRASEMENT EN TEMPS REEL**
[72] EDWARDS, LEWIN A. R. W., US
[72] MARABELLA, ROBERT W., US
[72] TYROLER, DAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-02-19
[41] 2013-08-23
[30] US (13/403,274) 2012-02-23

[21] **2,806,792**
[13] A1
[51] **Int.Cl. G05D 1/04 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR FLYING AN AIRCRAFT ALONG A FLIGHT PATH**
[54] **METHODE POUR PILOTER UN AERONEF LE LONG D'UNE TRAJECTOIRE DE VOL**
[72] KLOOSTER, JOEL KENNETH, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2013-02-14
[41] 2013-08-23
[30] US (13/402,986) 2012-02-23

[21] **2,806,800**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/0486 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] JOHANSSON, KARL-ANDERS REINHOLD, SE
[72] WASBERGER, EMIL ALEXANDER, SE
[72] WINBERG, MICHAEL ERIK, SE
[72] LEWIN, MATHIAS, SE
[72] HALLERSTROEM SJOESTEDT, SVANTE MAGNUS ULFSTAND, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-20
[41] 2013-08-24
[30] EP (12157014.7) 2012-02-24

[21] **2,806,801**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **PEEKABLE USER INTERFACE ON A PORTABLE ELECTRONIC DEVICE**
[54] **INTERFACE UTILISATEUR VISIBLE SUR UN APPAREIL PORTATIF ELECTRONIQUE**
[72] MCKENZIE, DONALD SOMERSET, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] EP (12156967.7) 2012-02-24

[21] **2,806,804**
[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01) G06F 3/14 (2006.01) H04L 12/16 (2006.01) H04W 4/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] JOHANSSON, KARL-ANDERS REINHOLD, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] WASBERGER, EMIL ALEXANDER, SE
[72] WINBERG, MICHAEL ERIK, SE
[72] LEWIN, MATHIAS, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] EP (12157013.9) 2012-02-24

[21] **2,806,814**
[13] A1
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 84/20 (2009.01) G06F 3/00 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] JOHANSSON, KARL-ANDERS REINHOLD, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] WASBERGER, EMIL ALEXANDER, SE
[72] WINBERG, MICHAEL ERIK, SE
[72] LEWIN, MATHIAS, SE
[72] ERIKSSON, MARCUS, SE
[72] HALLERSTROEM SJOESTEDT, SVANTE MAGNUS ULFSTAND, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] EP (12157016.2) 2012-02-24

[21] **2,806,835**
[13] A1
[51] **Int.Cl. G06F 3/0482 (2013.01) G06F 3/0488 (2013.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD OF CONTROLLING A DISPLAY**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE POUR COMMANDER UN AFFICHAGE**
[72] RYDENHAG, DANIEL TOBIAS, SE
[72] LESSING, ROBERT SIMON, SE
[72] LINDSAY, DONALD JAMES, CA
[72] KAISER, DEVIN JAY, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] WO (PCT/US2012/026620) 2012-02-24
[30] US (13/563,444) 2012-07-31
[30] EP (12194498.7) 2012-11-27

[21] **2,806,897**
[13] A1
[51] **Int.Cl. F16K 1/18 (2006.01) E06B 7/02 (2006.01) F16K 1/226 (2006.01) F16K 15/03 (2006.01) F16K 24/04 (2006.01) F24F 7/00 (2006.01) F24F 13/14 (2006.01)**
[25] EN
[54] **AIR SUPPLY VALVE**
[54] **ROBINET D'ALIMENTATION EN AIR COMPRIME**
[72] REUTTER, TOBIAS, DE
[71] POLLMEIER, THOMAS, DE
[22] 2013-02-21
[41] 2013-08-23
[30] DE (20 2012 001 761.6) 2012-02-23

[21] **2,806,898**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/10 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR WELLBORE COMPLETION**
[54] **APPAREIL ET PROCEDES POUR L'ACHEVEMENT D'UN TROU DE FORAGE**
[72] ANGMAN, PER, CA
[72] GRAF, KEVIN, CA
[72] ANDREYCHUCK, MARK, CA
[71] KOBOLD SERVICES INC., CA
[22] 2013-02-21
[41] 2013-08-21
[30] US (61/601,486) 2012-02-21

[21] **2,806,902**
[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01) G08G 1/09 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING TRAFFIC NOTIFICATIONS**
[54] **SYSTEME ET PROCEDE DE NOTIFICATIONS DE TRAFIC**
[72] MORI, ROBERT FELICE, US
[72] YURKONIS, PHILIP GABRIEL, US
[72] FUKUMOTO, SCOTT, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] EP (12156931.3) 2012-02-24

[21] **2,806,906**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING A USER INTERFACE ACROSS MULTIPLE ELECTRONIC DEVICES**
[54] **SYSTEME ET PROCEDE POUR AFFICHER UNE INTERFACE UTILISATEUR SUR PLUSIEURS DISPOSITIFS ELECTRONIQUES**
[72] LEWIN, MATHIAS, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] ERIKSSON, MARCUS, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-21
[30] EP (12156348.0) 2012-02-21

[21] **2,806,910**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] JOHANSSON, KARL-ANDERS REINHOLD, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] ADEMAR, LEIF FREDRIK, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] EP (12157015.4) 2012-02-24

[21] **2,806,911**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/0488 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] ADEMAR, LEIF FREDRIK, SE
[72] WINBERG, MICHAEL ERIK, SE
[72] WASBERGER, EMIL ALEXANDER, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] EP (12157012.1) 2012-02-24

[21] **2,806,916**
[13] A1
[51] **Int.Cl. E03D 11/16 (2006.01) F16L 23/00 (2006.01) F16L 47/00 (2006.01)**
[25] EN
[54] **CLOSET COLLAR ADAPTATIONS**
[54] **ADAPTATIONS DE COLLET DE CABINET D'AISANCE**
[72] SCHUSTER, MICHAEL J., US
[71] DANCO, INC., US
[22] 2013-02-20
[41] 2013-08-20
[30] US (61/600,794) 2012-02-20
[30] US (61/667,377) 2012-07-02

[21] **2,806,947**
[13] A1
[51] **Int.Cl. C02F 1/28 (2006.01) B01D 27/02 (2006.01)**
[25] EN
[54] **WATER FILTER POUCH FOR USE IN A DRINKING WATER PITCHER**
[54] **POCHE DE FILTRATION D'EAU A UTILISER DANS UN POT A EAU POTABLE**
[72] BOSKOV, SILAS R., CA
[71] BOSKOV, SILAS R., CA
[22] 2013-02-14
[41] 2013-08-19
[30] US (61/600,679) 2012-02-19

[21] **2,806,967**
[13] A1
[51] **Int.Cl. F24H 1/06 (2006.01) F24H 1/20 (2006.01) F24H 9/06 (2006.01) F28D 1/047 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HEATING A STORED LIQUID**
[54] **PROCEDE ET APPAREIL POUR CHAUFFER UN LIQUIDE STOCKE**
[72] DOBI, STEVAN, CA
[71] DOBI, STEVAN, CA
[22] 2013-02-22
[41] 2013-08-24
[30] US (61/602,630) 2012-02-24

---

[21] **2,806,972**
[13] A1
[51] **Int.Cl. H02K 15/03 (2006.01)**
[25] FR
[54] **FASTENING SYSTEM FOR MAGNETIC ELEMENTS IN AN ELECTRICAL MACHINE FEATURING PERMANENT MAGNETS**
[54] **SYSTEME DE FIXATION D'ELEMENTS MAGNETIQUES DANS UNE MACHINE ELECTRIQUE A AIMANTS PERMANENTS**
[72] BATS, GUILLAUME, FR
[72] DUQUE, LINA, FR
[72] ARDLEY, GLENN HENRY, CH
[72] LE LEZ, SEBASTIEN, FR
[72] BOIVENT, ERWANN, FR
[71] ALSTOM HYDRO FRANCE, FR
[22] 2013-02-12
[41] 2013-08-21
[30] FR (12 51 574) 2012-02-21

---

[21] **2,806,975**
[13] A1
[51] **Int.Cl. F16L 59/14 (2006.01) F16L 58/02 (2006.01) F16L 59/12 (2006.01)**
[25] EN
[54] **INSULATION MEMBERS EMPLOYING STANDOFF SURFACES FOR INSULATING PIPES, AND RELATED COMPONENTS AND METHODS**
[54] **ELEMENTS D'ISOLATION EMPLOYANT DES SURFACES DE TRAVAIL POUR L'ISOLATION DES TUYAUX ET COMPOSANTS ET PROCEDES CONNEXES**
[72] SECOURA, JOSEPH ROBERT, US
[71] NOMACO INC., US
[22] 2013-02-22
[41] 2013-08-22
[30] US (61/601,960) 2012-02-22

---

[21] **2,806,984**
[13] A1
[51] **Int.Cl. A47B 96/06 (2006.01) A47B 46/00 (2006.01) A47B 47/00 (2006.01)**
[25] EN
[54] **MOUNTING AND HINGE ASSEMBLY FOR A SHELF**
[54] **ENSEMBLE DE FIXATION ET DE CHARNIERE POUR UNE TABLETTE**
[72] IRUDAYARAJ, PRASHANTH PHILIP, US
[72] DOLBY, JEFFREY SCOTT, US
[72] CHAHAL, JOTPREET SINGH, US
[72] MCKENNA, GREGORY B., US
[72] HOLCOMBE, ROBERT, US
[71] ALCOA INC., US
[22] 2013-02-22
[41] 2013-08-22
[30] US (13/402,395) 2012-02-22

---

[21] **2,807,003**
[13] A1
[51] **Int.Cl. C10B 53/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A PYROLYSIS LIQUID**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN PYROLISAT**
[72] RATINEN, SAMPO, FI
[72] LEHTO, JANI, FI
[72] ANTTILA, MIKKO, FI
[72] HILLI, TUOMO, FI
[72] ONARHEIM, KRISTIN, FI
[72] HIRVONEN, ISMO, FI
[72] SOLANTAUSTA, YRJO, FI
[72] RAIKO, MARKKU, FI
[71] METSO POWER OY, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT, FI
[22] 2013-02-22
[41] 2013-08-24
[30] FI (20125210) 2012-02-24

---

[21] **2,807,019**
[13] A1
[51] **Int.Cl. B64C 27/57 (2006.01) B64C 11/34 (2006.01) B64C 13/16 (2006.01) B64D 25/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATION OF ROTORCRAFT ENTRY INTO AUTOROTATION AND MAINTENANCE OF STABILIZED AUTOROTATION**
[54] **SYSTEME ET PROCEDE POUR L'AUTOMATISATION DE L'ENTREE DES GIRAVIONS EN AUTOROTATION ET LE MAINTIEN DE L'AUTOROTATION STABILISEE**
[72] WORSHAM, ROBERT EARL, II, US
[72] SCHILLINGS, JOHN JOSEPH, US
[72] COVINGTON, CHARLES ERIC, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-20
[41] 2013-08-24
[30] US (61/602,847) 2012-02-24
[30] US (13/767,188) 2013-02-14

[21] **2,807,021**
[13] A1
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0483 (2013.01)**
[25] EN
[54] **NAVIGATION OF CONTENT MEDIA DISPLAYED ON A TOUCH SCREEN OF AN ELECTRONIC DEVICE**
[54] **NAVIGATION DANS LE SUPPORT DE CONTENU AFFICHE SUR UN ECRAN TACTILE D'UN DISPOSITIF ELECTRONIQUE**
[72] ALLEN, LUKE STEPHEN, CA
[72] EDGAR, ROBBIE DONALD, CA
[72] SHIRZADI, FARHOUD, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-20
[41] 2013-08-24
[30] EP (12156996.6) 2012-02-24

[21] **2,807,026**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **FEATURE DETECTION IN SEISMIC VOLUMES**
[54] **DETECTION DES CARACTERISTIQUES DANS DES VOLUMES SISMIQUES**
[72] BO, TROND HELLEM, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2013-02-20
[41] 2013-08-23
[30] US (61/602,234) 2012-02-23
[30] US (13/769,905) 2013-02-19

[21] **2,807,027**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01) A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **FULL RINGS FOR A FUNCTIONALIZED LAYER INSERT OF AN OPHTHALMIC LENS**
[54] **ANNEAUX COMPLETS POUR UN INSERT A COUCHE FONCTIONNALISEE D'UNE LENTILLE OPHTALMIQUE**
[72] OTTS, DANIEL B., US
[72] FLITSCH, FREDERICK A., US
[72] PUGH, RANDALL B., US
[72] RIALL, JAMES DANIEL, US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2013-02-20
[41] 2013-08-22
[30] US (13/402,255) 2012-02-22
[30] US (13/402,258) 2012-02-22

[21] **2,807,031**
[13] A1
[51] **Int.Cl. G06F 3/0482 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADJUSTING A USER INTERFACE TO REDUCE OBSCURATION**
[54] **PROCEDE ET APPAREIL POUR AJUSTER UNE INTERFACE UTILISATEUR AFIN DE REDUIRE L'OBSCURCISSEMENT**
[72] THORSANDER, SIMON MARTIN, SE
[72] JOHANSSON, PER AKE DANIEL, SE
[72] ANDERSSON REIMER, NILS ROGER, SE
[72] LESSING, ROBERT SIMON, SE
[72] ARBSJOE, JONAS OVE, SE
[72] BOMAN, CHARLES ANTON NILSSON, SE
[72] DREN, ANDREAS PAL, SE
[72] ELDESSOUKI, AHMED ELSAEED MOHAMED GAD, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-22
[41] 2013-08-24
[30] US (61/602,945) 2012-02-24
[30] EP (12176606.7) 2012-07-16

[21] **2,807,041**
[13] A1
[51] **Int.Cl. F16M 13/00 (2006.01) A45C 11/22 (2006.01) A47G 1/24 (2006.01) A47G 29/00 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **MECHANICALLY ATTACHED FOLDING COVER**
[54] **BATTANT REPLIABLE MECANIQUEMENT FIXE**
[72] SMITH, DUSTIN JONATHAN, CA
[72] WOOD, TODD ANDREW, CA
[72] FAHRENDORFF, ANDERS, CA
[72] MURCHISON, IAN JAMES, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-22
[41] 2013-08-24
[30] EP (12156994.1) 2012-02-24

[21] **2,807,053**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR ANALYZING SECURITY COMPLIANCE REQUIREMENTS**
[54] **SYSTEME POUR ANALYSER LES EXIGENCES DE CONFORMITE EN MATIERE DE SECURITE**
[72] LEVINE, RICHARD B., US
[72] JOYCE, PATRICK J., US
[72] GOETZ, STIRLING T., US
[72] BARSAMIAN, PAUL M., US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2013-02-22
[41] 2013-08-24
[30] US (13/405,229) 2012-02-24

[21] **2,807,095**
[13] A1
[51] **Int.Cl. B29C 53/84 (2006.01) B29C 53/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A PLASTIC WORK PIECE**
[54] **PROCEDE ET APPAREIL POUR FORMER UNE PIECE EN PLASTIQUE**
[72] RICCI, JOHN, CA
[71] DANA INDUSTRIES INC., CA
[22] 2013-02-25
[41] 2013-08-24
[30] US (61/602,955) 2012-02-24

[21] **2,807,110**
[13] A1
[51] **Int.Cl. E21B 47/008 (2012.01) E21B 43/12 (2006.01)**
[25] EN
[54] **EXTERNAL PRESSURE TESTING OF GAS LIFT VALVE IN SIDE-POCKET MANDREL**
[54] **ESSAI DE PRESSION EXTERNE DE LA VANNE DE DRAINAGE DU GAZ DANS UN MANDRIN A POCHE LATERALE**
[72] RAE, COLIN GORDON, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2013-02-22
[41] 2013-08-24
[30] US (61/602,721) 2012-02-24

[21] **2,807,126**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0482 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING AN OPTION TO ENABLE MULTIPLE SELECTIONS**
[54] **PROCEDE ET APPAREIL POUR OFFRIR UNE OPTION PERMETTANT D'ACTIVER DES SELECTIONS MUTIPLES**
[72] THORSANDER, SIMON MARTIN, SE
[72] JOHANSSON, PER AKE DANIEL, SE
[72] ANDERSSON REIMER, NILS ROGER, SE
[72] LESSING, ROBERT SIMON, SE
[72] ARBSJOE, JONAS OVE, SE
[72] BOMAN, CHARLES ANTON NILSSON, SE
[72] ELDESSOUKI, AHMED ELSAEED MOHAMED GAD, CA
[72] DREN, ANDREAS PAL, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-22
[41] 2013-08-24
[30] US (61/602,938) 2012-02-24
[30] EP (12176605.9) 2012-07-16

[21] **2,807,132**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING COMPLIANCE DATA**
[54] **PROCEDE ET SYSTEME POUR GENERER DES DONNEES DE CONFORMITE**
[72] ALLISON, CRAIG, CA
[72] BINNENDYK, RICHARD, CA
[71] UNIVERIS CORPORATION, CA
[22] 2013-02-22
[41] 2013-08-24
[30] US (61/602,993) 2012-02-24
[30] US (61/731,579) 2012-11-30

[21] **2,807,159**
[13] A1
[51] **Int.Cl. H04M 3/56 (2006.01) H04W 4/16 (2009.01) G06Q 10/10 (2012.01) G06F 9/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PAUSING AND RESUMING A MEETING SESSION**
[54] **PROCEDES ET SYSTEMES POUR EFFECTUER UNE PAUSE ET UNE REPRISE DANS LE CADRE D'UNE SEANCE DE REUNION**
[72] ERIKSSON, MARCUS, SE
[72] HALLERSTROEM SJOESTEDT, SVANTE MAGNUS ULFSTAND, SE
[72] LEWIN, MATHIAS, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-21
[41] 2013-08-24
[30] US (13/404,057) 2012-02-24
[30] EP (12156867.9) 2012-02-24

[21] **2,807,193**
[13] A1
[51] **Int.Cl. G06Q 50/18 (2012.01) G06F 21/60 (2013.01) G09F 3/03 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CERTIFYING A WILL**
[54] **SYSTEME ET PROCEDE POUR CERTIFIER UN TESTAMENT**
[72] MOFFETT, WAYNE, US
[71] MOFFETT, WAYNE, US
[22] 2013-02-21
[41] 2013-08-24
[30] US (13/404,443) 2012-02-24

[21] **2,807,524**
[13] A1
[51] **Int.Cl. A61K 31/122 (2006.01) A61P 19/08 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING CANCER METASTASIS**
[54] **PROCEDES ET COMPOSITIONS POUR TRAITER DES METASTASES CANCEREUSES**
[72] LIU, SHENG-YUNG, TW
[72] WEN, WU-CHE, TW
[71] GOLDEN BIOTECHNOLOGY CORPORATION, TW
[22] 2013-02-22
[41] 2013-08-23
[30] US (61/602,489) 2012-02-23

[21] **2,807,643**
[13] A1
[51] **Int.Cl. F25B 40/02 (2006.01) F25B 30/00 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **MECHANICAL SUBCOOLING OF TRANSCRITICAL R-744 REFRIGERATION SYSTEMS WITH HEAT PUMP HEAT RECLAIM AND FLOATING HEAD PRESSURE**
[54] **SOUS-REFROIDISSEMENT MECANIQUE DE SYSTEMES DE REFRIGERATION R-744 TRANSCRITIQUES AVEC RECUPERATION DE CHALEUR ET PRESSION DE TETE FLOTTANTE DE POMPE A CHALEUR**
[72] KANTCHEV, JORDAN, CA
[72] LESAGE, GAETAN, CA
[71] SYSTEMES LMP INC., CA
[22] 2013-02-22
[41] 2013-08-23
[30] US (61/602,276) 2012-02-23

[21] **2,807,809**
[13] A1
[51] **Int.Cl. B32B 37/26 (2006.01) B32B 3/04 (2006.01)**
[25] EN
[54] **METHOD OF FORMING BONDS BETWEEN DISCRETE COMPONENTS OF DISPOSABLE ARTICLES**
[54] **METHODE DE FORMATION DE LIAISONS ENTRE DES COMPOSANTS DISCRETS D'ARTICLES JETABLES**
[72] FRITZ, JEFF W., US
[71] CURT G. JOA, INC., US
[22] 2013-02-20
[41] 2013-08-20
[30] US (61/600,877) 2012-02-20

[21] **2,807,851**
[13] A1
[51] **Int.Cl. C09C 1/48 (2006.01) B60C 1/00 (2006.01) C08J 3/22 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **PYROLYTIC CARBON BLACK AND POLYMER COMPOSITES MANUFACTURED THEREFROM**
[54] **NOIR DE CARBONE PYROLYTIQUE ET COMPOSITES POLYMERES FABRIQUES A PARTIR DE CELUI-CI**
[72] WONG, VINCENT W. Y., CA
[72] RESENDES, RUI, CA
[72] CLARK, TIMOTHY JAMES, CA
[71] RIPP RESOURCE RECOVERY CORPORATION, CA
[22] 2013-02-25
[41] 2013-08-24
[30] US (61/602,864) 2012-02-24

[21] **2,807,866**
[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01) H04N 5/343 (2011.01) G06F 3/0488 (2013.01) G09G 5/373 (2006.01)**
[25] EN
[54] **USER INTERFACE FOR A DIGITAL CAMERA**
[54] **INTERFACE UTILISATEUR POUR UN APPAREIL PHOTO NUMERIQUE**
[72] RYDENHAG, DANIEL TOBIAS, SE
[72] JORISCH, PER ERIK ANDERS, SE
[72] ARBSJOE, JONAS OVE, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-22
[41] 2013-08-24
[30] EP (12156992.5) 2012-02-24

[21] **2,808,025**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **SUPPORT FRAME FOR AN IMPLEMENT**
[54] **CADRE DE SOUTIEN POUR UN ACCESSOIRE**
[72] GENDRON, JEAN-PHILIPPE, CA
[72] AUBIN-MARCHAND, JEREMIE, CA
[72] ROY, NORMAND, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2013-02-21
[41] 2013-08-21
[30] US (61/601,086) 2012-02-21

[21] **2,808,217**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 5/00 (2006.01)**
[25] EN
[54] **METHOD OF GRAPH PROCESSING**
[54] **PROCEDE DE TRAITEMENT DE GRAPHIQUES**
[72] MCDONALD, CALLUM DAVID, AU
[71] MCDONALD, CALLUM DAVID, AU
[22] 2013-02-22
[41] 2013-08-24
[30] AU (2012900709) 2012-02-24

[21] **2,808,513**
[13] A1
[51] **Int.Cl. B29C 45/18 (2006.01) B29C 45/72 (2006.01) B29C 45/78 (2006.01)**
[25] EN
[54] **HOT RUNNER NOZZLE HAVING AN ELECTRICAL HEATING ELEMENT**
[54] **BUSE DE CANAL CHAUD POURVUE D'UN ELEMENT CHAUFFANT ELECTRIQUE**
[72] SOMMER, SIEGRID, DE
[72] ZIMMERMANN, FREDERIC, DE
[72] GUENTHER, HERBERT, DE
[72] DROESSLER, RALF, DE
[71] GUENTHER HEISSKANALTECHNIK GMBH, DE
[22] 2013-02-20
[41] 2013-08-22
[30] DE (10 2012 101 400.0) 2012-02-22

[21] **2,818,421**
[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/04 (2006.01) A23G 9/08 (2006.01) C12G 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING AN ALCOHOL-CONTAINING FROZEN COMESTIBLE AND PRODUCT THEREOF**
[54] **PROCEDE DE FABRICATION D'UN ALIMENT CONGELE CONTENANT DE L'ALCOOL ET PRODUIT CONNEXE**
[72] MELVIN, DAVID H., CA
[71] 2029067 ONTARIO LTD., CA
[22] 2013-06-14
[41] 2013-08-22
[30] US (61/660,314) 2012-06-15
[30] US (13/826,815) 2013-03-14

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,811,493**
[13] A1
[51] **Int.Cl. C12Q 1/56 (2006.01) C12M 1/40 (2006.01) C12Q 1/04 (2006.01) C12Q 1/14 (2006.01) C12Q 1/24 (2006.01) G01N 1/40 (2006.01) C07K 14/75 (2006.01) C07K 14/755 (2006.01) C12N 9/74 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING TARGET MOLECULES OR PARTICLES FROM FIBRINOGEN-CONTAINING SAMPLES INCLUDING BLOOD COMPONENTS**
[54] **PROCEDE DE SEPARATION DE MOLECULES OU DE PARTICULES CIBLES D'ECHANTILLONS CONTENANT DU FIBRINOGENE DONT DES COMPOSANTS SANGUINS**
[72] RIDA, AMAR, CH
[72] MERMOD, NICOLAS, CH
[72] FRANCOIS, PATRICE, FR
[72] LAZAREVIC, VLADIMIR, CH
[72] SCHRENZEL, JACQUES, CH
[71] SPINOMIX S.A., CH
[85] 2013-03-15
[86] 2011-09-15 (PCT/IB2011/054035)
[87] (WO2012/035508)
[30] CH (01478/10) 2010-09-15
[30] CH (02041/10) 2010-12-07
[30] CH (01207/11) 2011-07-20

[21] **2,811,742**
[13] A1
[51] **Int.Cl. A61B 8/12 (2006.01) A61B 1/05 (2006.01)**
[25] EN
[54] **IMAGING CATHETER WITH ROTATABLE ARRAY**
[54] **CATHETER D'IMAGERIE A ENSEMBLE ROTATIF**
[72] SHILLING, THOMAS W., US
[72] DIETZ, DENNIS R., US
[72] NORDHAUSEN, CRAIG T., US
[72] FRANKLIN, CURTIS, US
[72] DREHER, DENNIS, US
[71] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2013-03-19
[86] 2011-10-27 (PCT/US2011/058154)
[87] (WO2012/058473)
[30] US (61/407,382) 2010-10-27

[21] **2,812,033**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0488 (2013.01) G06F 17/27 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **TOUCHSCREEN KEYBOARD PROVIDING WORD PREDICTIONS IN PARTITIONS OF THE TOUCHSCREEN KEYBOARD IN PROXIMATE ASSOCIATION WITH CANDIDATE LETTERS**
[54] **CLAVIER TACTILE OFFRANT DES PREDICTIONS DE MOTS DANS DES PARTITIONS DU CLAVIER TACTILE EN ASSOCIATION IMMEDIATE AVEC DES LETTRES CANDIDATES**
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DONALD SOMERSET, CA
[72] GRIFFIN, JASON TYLER, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-03-25
[86] 2012-06-18 (PCT/CA2012/050405)
[87] (2812033)
[30] US (61/603,043) 2012-02-24

[21] **2,812,187**
[13] A1
[51] **Int.Cl. A61K 47/44 (2006.01) A61K 8/92 (2006.01) A61K 31/573 (2006.01) A61P 17/02 (2006.01) A61Q 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TOPICAL BASE AND ACTIVE AGENT-CONTAINING COMPOSITIONS, AND METHODS FOR IMPROVING AND TREATING SKIN**
[54] **BASE TOPIQUE ET COMPOSITIONS CONTENANT UN PRINCIPE ACTIF, ET PROCEDES D'AMELIORATION ET DE TRAITEMENT DE LA PEAU**
[72] SCHLESSINGER, JOEL, US
[72] SCHLESSINGER, DANIEL ISAAC, US
[71] SCHLESSINGER, JOEL, US
[71] SCHLESSINGER, DANIEL ISAAC, US
[85] 2013-03-15
[86] 2011-10-12 (PCT/US2011/001742)
[87] (WO2012/054071)
[30] US (12/925,464) 2010-10-23
[30] US (13/233,012) 2011-09-14

[21] **2,816,264**
[13] A1
[51] **Int.Cl. H04N 13/00 (2006.01) H04N 5/76 (2006.01)**
[25] EN
[54] **DIGITAL RECEIVER AND METHOD FOR PROCESSING 3D CONTENTS IN DIGITAL RECEIVER**
[54] **RECEPTEUR NUMERIQUE ET PROCEDE PERMETTANT DE TRAITER LE CONTENU 3D D'UN RECEPTEUR NUMERIQUE**
[72] SUH, JONGYEUL, KR
[72] CHOE, JEEHYUN, KR
[72] KIM, JINPIL, KR
[72] LEE, JOONHUI, KR
[71] LG ELECTRONICS INC., KR
[85] 2013-04-08
[86] 2011-10-17 (PCT/KR2011/007700)
[87] (WO2012/050405)
[30] US (61/393,876) 2010-10-16

[21] **2,820,855**
[13] A1
[51] **Int.Cl. B03D 1/016 (2006.01) B01F 17/52 (2006.01) C22B 3/20 (2006.01)**
[25] EN
[54] **A METHOD FOR IMPROVING RHEOLOGICAL PROPERTIES OF MINERAL SLURRY**
[54] **METHODE D'AMELIORATION DES PROPRIETES RHEOLOGIQUES D'UNE BOUILLIE MINERALE**
[72] MOORE, LUCAS R., US
[72] MARTIKAINEN, MIKA, FI
[71] KEMIRA OYJ, FI
[85] 2013-06-07
[86] 2011-12-14 (PCT/IB2011/003041)
[87] (WO2012/080818)
[30] US (12/967,515) 2010-12-14

[21] **2,820,952**
[13] A1
[51] **Int.Cl. B65D 1/40 (2006.01) B29C 49/00 (2006.01)**
[25] EN
[54] **PET CONTAINERS WITH ENHANCED THERMAL PROPERTIES AND PROCESS FOR MAKING SAME**
[54] **RECIPIENTS EN PET PRESENTANT DES PROPRIETES THERMIQUES ACCRUES ET LEUR PROCEDE DE FABRICATION**
[72] SILVERS, KERRY W., US
[72] SCHNEIDER, MARK D., US
[72] BOBROV, SERGEY B., US
[72] EVINS, SAMUEL E., US
[71] GRAHAM PACKAGING LC, L.P., US
[85] 2013-06-07
[86] 2011-12-15 (PCT/US2011/065118)
[87] (WO2012/083002)
[30] US (61/424,558) 2010-12-17
[30] US (13/250,189) 2011-09-30

[21] **2,822,178**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A01H 17/00 (2006.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01) C05F 11/08 (2006.01)**
[25] EN
[54] **SERRATIA PLYMUTHICA FOR BIOLOGICAL CONTROL OF BACTERIAL PLANT PATHOGENS**
[54] **SERRATIA PLYMUTHICA DANS LA REGULATION BIOLOGIQUE DE PATHOGENES DE VEGETAUX BACTERIENS**
[72] VAN DER WOLF, JEAN MARTIN, NL
[72] CZAJKOWSKI, ROBERT LUKASZ, PL
[72] VAN VEEN, JOHANNES ANTONIE, NL
[71] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[85] 2013-06-18
[86] 2012-01-10 (PCT/EP2012/050320)
[87] (WO2012/095431)
[30] GB (1100427.2) 2011-01-11

[21] **2,822,361**
[13] A1
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/107 (2012.01) G01V 1/40 (2006.01) G01V 3/18 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **ELECTRICAL METHODS FRACTURE DETECTION VIA 4D TECHNIQUES**
[54] **DETECTION DE FRACTURE DE PROCEDES ELECTRIQUES VIA DES TECHNIQUES 4D**
[72] EICK, PETER M., US
[72] BREWER, JOEL D., US
[72] JANISZEWSKI, FRANK D., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2013-06-19
[86] 2011-12-12 (PCT/US2011/064465)
[87] (WO2012/102795)
[30] US (61/423,425) 2010-12-15

[21] **2,822,717**
[13] A1
[51] **Int.Cl. A61K 35/74 (2006.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **NOVEL BACTERIUM AND EXTRACTS OF SAID BACTERIUM AND THE USE OF SAME IN THERAPY**
[54] **NOUVELLE BACTERIE ET EXTRAITS DE LADITE BACTERIE ET LEUR UTILISATION EN THERAPIE**
[72] CASTEX-RIZZI, NATHALIE, FR
[72] NGUYEN, THIEN, FR
[72] LIBON, CHRISTINE, FR
[71] PIERRE FABRE MEDICAMENT, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2013-06-07
[86] 2011-12-22 (PCT/EP2011/073749)
[87] (WO2012/085183)
[30] FR (1061082) 2010-12-22

[21] **2,823,132**
[13] A1
[51] **Int.Cl. H02G 1/02 (2006.01)**
[25] EN
[54] **MAINTENANCE TOOL USED FOR DIRECT CURRENT TRANSMISSION LINE**
[54] **OUTIL D'ENTRETIEN UTILISE POUR UNE LIGNE DE TRANSMISSION DE COURANT CONTINU**
[72] KANG, SHUFENG, CN
[72] ZHANG, MINGXU, CN
[72] SHI, FENGXIANG, CN
[72] WANG, XUEBIN, CN
[72] JIAO, JUXUAN, CN
[72] GAO, ZHI, CN
[72] LI, ZHONGSHENG, CN
[72] GENG, SANPING, CN
[72] SU, YONGJIE, CN
[72] LI, JIAN, CN
[72] WANG, JUN, CN
[72] YAO, BOYAN, CN
[72] CHEN, MING, CN
[72] SONG, QIFENG, CN
[71] STATE GRID CORPORATION OF CHINA, CN
[71] HEBEI ELECTRIC POWER MAINTENANCE COMPANY, CN
[71] SHANDONG LUNENG INTELLIGENCE TECHNOLOGY CO., LTD, CN
[85] 2013-06-26
[86] 2011-11-29 (PCT/CN2011/083172)
[87] (WO2012/088986)
[30] CN (201010610003.9) 2010-12-28

[21] **2,823,137**
[13] A1
[51] **Int.Cl. H02G 1/02 (2006.01)**
[25] EN
[54] **MAINTENANCE TOOL USED FOR DOUBLE INSULATOR STRINGS OF DIRECT CURRENT TRANSMISSION LINE**
[54] **OUTIL D'ENTRETIEN UTILISE POUR DES CHAINES D'ISOLATEUR DOUBLES D'UNE LIGNE DE TRANSPORT DE COURANT CONTINU**
[72] ZHANG, MINGXU, CN
[72] KANG, SHUFENG, CN
[72] SHI, FENGXIANG, CN
[72] WANG, XUEBIN, CN
[72] JIAO, JUXUAN, CN
[72] GAO, ZHI, CN
[72] LI, ZHONGSHENG, CN
[72] GENG, SANPING, CN
[72] SU, YONGJIE, CN
[72] LI, JIAN, CN
[72] WANG, JUN, CN
[72] YAO, BOYAN, CN
[72] CHEN, MING, CN
[72] SONG, QIFENG, CN
[71] EHV TRANSMISSION AND SUBSTATION COMPANY OF HEBEI ELECTRIC POWER CORPORAT ION, CN
[85] 2013-06-26
[86] 2011-11-29 (PCT/CN2011/083183)
[87] (WO2012/088988)
[30] CN (201020685278.4) 2010-12-28

[21] **2,823,186**
[13] A1
[51] **Int.Cl. C03C 17/00 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **COLORED COMPOSITE PAVEMENT STRUCTURE**
[54] **STRUCTURE DE TROTTOIR A BASE D'UN COMPOSITE COLORE**
[72] HICKS, STEVEN, US
[72] BOWER, DAVID K., US
[72] HANDLOS, WILLIAM, US
[71] REYNOLDS PRESTO PRODUCTS INC., US
[71] BASF SE, DE
[85] 2013-06-26
[86] 2010-12-29 (PCT/US2010/062433)
[87] (WO2012/091707)

[21] **2,823,192**
[13] A1
[51] **Int.Cl. A23L 1/29 (2006.01) A23C 9/15 (2006.01) A23L 1/305 (2006.01) C07K 14/79 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING HEAT LABILE MILK PROTEINS AND PROCESS FOR PREPARING SAME**
[54] **COMPOSITION CONTENANT DES PROTEINES DE LAIT THERMOLABILES ET PROCEDE DE PREPARATION ASSOCIE**
[72] BANAVARA, DATTATREYA, US
[72] ALVEY, JOHN D., US
[72] GONZALEZ, JUAN M., US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2013-06-26
[86] 2011-12-09 (PCT/US2011/064054)
[87] (WO2012/094098)
[30] US (12/984,660) 2011-01-05

[21] **2,823,193**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C12P 19/34 (2006.01)**
[25] EN
[54] **QUANTITATING HIGH TITER SAMPLES BY DIGITAL PCR**
[54] **QUANTIFICATION D'ECHANTILLONS AYANT DES TITRES ELEVES PAR PCR NUMERIQUE**
[72] CLEMENS, JOHN M., US
[72] SHAIN, ERIC B., US
[71] IBIS BIOSCIENCES, INC., US
[85] 2013-06-26
[86] 2011-12-27 (PCT/US2011/067366)
[87] (WO2012/092259)
[30] US (61/427,401) 2010-12-27

[21] **2,823,194**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) A61K 38/16 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **THERAPEUTIC AND DIAGNOSTIC METHODS INVOLVING BIGLYCAN AND UTROPHIN**
[54] **METHODES THERAPEUTIQUES ET DIAGNOSTIQUES IMPLIQUANT LE BIGLYCANE ET L'UTROPHINE**
[72] AMENTA, ALISON R., US
[72] YILMAZ, ATILGAN, US
[72] MCKECHNIE, BETH A., US
[72] FALLON, JUSTIN R., US
[71] BROWN UNIVERSITY, US
[85] 2013-06-26
[86] 2011-12-27 (PCT/US2011/067432)
[87] (WO2012/092299)
[30] US (61/427,468) 2010-12-27

[21] **2,823,195**
[13] A1
[51] **Int.Cl. G01N 30/72 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **CMET PROTEIN SRM/MRM ASSAY**
[54] **ESSAI SRM/MRM SUR PROTEINE CMET**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2013-06-26
[86] 2011-12-27 (PCT/US2011/067439)
[87] (WO2012/092302)
[30] US (61/427,396) 2010-12-27

[21] **2,823,198**
[13] A1
[51] **Int.Cl. A61M 29/00 (2006.01)**
[25] EN
[54] **ANGIOGRAPHY CATHETER**
[54] **CATHETER D'ANGIOGRAPHIE**
[72] MERHI, WILLIAM M., US
[71] INNOVATIVE CARDIOVASCULAR SOLUTIONS, LLC, US
[85] 2013-06-26
[86] 2011-12-27 (PCT/US2011/067440)
[87] (WO2012/094195)
[30] US (61/460,660) 2011-01-07
[30] US (13/311,265) 2011-12-05

[21] **2,823,204**
[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01)**
[25] EN
[54] **BLENDS OF DIBENZOATE PLASTICIZERS**
[54] **MELANGES DE PLASTIFIANTS DE DIBENZOATE**
[72] ARENDT, WILLIAM D., US
[72] MCBRIDE, EMILY, US
[71] EMERALD KALAMA CHEMICAL, LLC, US
[85] 2013-06-26
[86] 2011-12-28 (PCT/US2011/067572)
[87] (WO2012/092366)
[30] US (61/460,329) 2010-12-30
[30] US (61/460,330) 2010-12-30
[30] US (61/464,731) 2011-03-08

[21] **2,823,206**
[13] A1
[51] **Int.Cl. C08K 5/10 (2006.01)**
[25] EN
[54] **NEW DIBENZOATE PLASTICIZER/COALESCENT BLENDS FOR LOW VOC COATINGS**
[54] **NOUVEAUX MELANGES DE PLASTIFIANT/COALESCENT DE DIBENZOATE POUR DES REVETEMENTS A FAIBLE TENEUR EN COV**
[72] ARENDT, WILLIAM D., US
[72] MCBRIDE, EMILY, US
[71] EMERALD KALAMA CHEMICAL, LLC, US
[85] 2013-06-26
[86] 2011-12-28 (PCT/US2011/067584)
[87] (WO2012/092370)
[30] US (61/460,329) 2010-12-30
[30] US (61/460,330) 2010-12-30
[30] US (61/464,731) 2011-03-08

[21] **2,823,207**
[13] A1
[51] **Int.Cl. A61B 17/92 (2006.01) A61B 17/16 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR DRIVEN TOOL FOR ORTHOPEDIC IMPACTING**
[54] **OUTIL MOTORISE ELECTRIQUE DESTINE A UN IMPACT ORTHOPEDIQUE**
[72] PEDICINI, CHRISTOPHER, US
[71] PEDICINI, CHRISTOPHER, US
[85] 2013-06-26
[86] 2011-12-28 (PCT/US2011/067626)
[87] (WO2012/092387)
[30] US (12/980,329) 2010-12-29

[21] **2,823,208**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01) H04N 21/458 (2011.01)**
[25] EN
[54] **TARGETING BASED ON SOCIAL UPDATES**
[54] **CIBLAGE BASE SUR DES MISES A JOUR SOCIALES**
[72] REIS, DAVI, BR
[72] GOLDSTEIN, FELIPE, FR
[72] MATOS, FRANCISCO G., BR
[72] QUINTAO, FREDERICO, BR
[71] GOOGLE INC., US
[85] 2013-06-26
[86] 2011-12-28 (PCT/US2011/067668)
[87] (WO2012/092397)
[30] US (61/427,531) 2010-12-28

[21] **2,823,210**
[13] A1
[51] **Int.Cl. C12N 1/19 (2006.01) C07K 14/39 (2006.01) C12N 15/31 (2006.01) C12N 15/81 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **INCREASED OIL CONTENT BY INCREASING YAP1 TRANSCRIPTION FACTOR ACTIVITY IN OLEAGINOUS YEASTS**
[54] **AUGMENTATION DE LA TENEUR EN HUILE PAR AUGMENTATION DE L'ACTIVITE DU FACTEUR DE TRANSCRIPTION YAP1 DANS DES LEVURES OLEAGINEUSES**
[72] HONG, SEUNG-PYO, US
[72] XUE, ZHIXIONG, US
[72] ZHU, QUINN, QUN, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067748)
[87] (WO2012/092439)
[30] US (61/428,655) 2010-12-30

[21] **2,823,213**
[13] A1
[51] **Int.Cl. F04B 39/00 (2006.01) E21B 43/12 (2006.01) F04B 47/00 (2006.01)**
[25] EN
[54] **SHORT LENGTH PUMP HAVING BRINE RESISTANT SEAL AND ROTATING WRIST PIN AND RELATED METHODS**
[54] **POMPE DE COURTE LONGUEUR POSSEDANT UN JOINT D'ETANCHEITE QUI RESISTE A LA SAUMURE ET UN AXE DE PISTON ROTATIF ET PROCEDES CONNEXES**
[72] CHINTHAM, GROMICHO, IN
[72] DILLE, MARK, US
[71] S.P.M. FLOW CONTROL, INC., US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067770)
[87] (WO2012/092452)
[30] US (61/427,850) 2010-12-29

[21] **2,823,215**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01) B23K 9/32 (2006.01) H01B 7/36 (2006.01) H02G 1/00 (2006.01)**
[25] EN
[54] **WELD CELL SYSTEM WITH COMMUNICATION**
[54] **SYSTEME DE CELLULES SOUDE DOTE D'UNE COMMUNICATION**
[72] TEMBY, TIMOTHY, US
[72] RAPPL, JAMES, US
[72] FELDHAUSEN, JOSEPH, US
[72] HOLVERSON, TODD, US
[72] NOVAK, MICHAEL, US
[72] IHDE, JEFFERY, US
[72] SCHNEIDER, JOSEPH, US
[72] ALBRECHT, BRUCE, US
[72] BUNKER, THOMAS, US
[72] BYRON, CLAY A., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067795)
[87] (WO2012/092464)
[30] US (61/427,891) 2010-12-29
[30] US (13/339,288) 2011-12-28

[21] **2,823,216**
[13] A1
[51] **Int.Cl. B65D 81/32 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **POST-MIX BEVERAGE SYSTEM**
[54] **SYSTEME POUR BOISSONS A POST-MELANGE**
[72] MAQUITA NAKANO, JORGE MANUEL, MX
[72] LITE FRANCISCO, MARC, ES
[72] PINYOL ESCARDO, ANTON, ES
[72] ENGA, AGNETE, US
[72] FAIVRE D'ARCIER, VINCENT, US
[72] CONNELLY, TIM, US
[72] CEDAR, JONATHAN, US
[72] FORT, TUCKER, US
[72] ARIAS-NATH, RICARDO, US
[72] MARINA, CARLOS HERNAN, US
[72] CLOQUELL GONZALEZ, MIRIAM, US
[71] PEPSICO, INC., US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067801)
[87] (WO2012/102814)
[30] US (12/982,374) 2010-12-30

[21] **2,823,220**
[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01)**
[25] EN
[54] **SYSTEM, PROPULSION SYSTEM AND VEHICLE**
[54] **SYSTEME, SYSTEME DE PROPULSION ET VEHICULE**
[72] BUMS, DONALD W., US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067815)
[87] (WO2012/092474)
[30] US (61/428,707) 2010-12-30

[21] **2,823,221**
[13] A1
[51] **Int.Cl. F04D 29/44 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH SECONDARY AIR FLOW CIRCUIT**
[54] **TURBINE A GAZ DOTEE D'UN CIRCUIT DE CIRCULATION D'AIR SECONDAIRE**
[72] OTTOW, NATHAN WESLEY, US
[72] COOPER, NATHAN J., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067916)
[87] (WO2012/092501)
[30] US (61/428,725) 2010-12-30

[21] **2,823,224**
[13] A1
[51] **Int.Cl. F01D 7/00 (2006.01)**
[25] EN
[54] **VARIABLE VANE FOR GAS TURBINE ENGINE**
[54] **AUBE VARIABLE POUR MOTEUR A TURBINE A GAZ**
[72] RESS, ROBERT A. JR., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2013-06-26
[86] 2011-12-30 (PCT/US2011/068061)
[87] (WO2012/092543)
[30] US (61/428,768) 2010-12-30

[21] **2,823,226**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FIELD SERVICES AUTOMATION**
[54] **SYSTEME ET PROCEDE D'AUTOMATISATION DE SERVICES DE TERRAIN**
[72] FURMAN, GEORGE G., US
[72] CROCKER, KENNETH J., US
[72] HOCHSTATTER, JULIE M., US
[71] FIRESTONE BUILDING PRODUCTS COMPANY, LLC, US
[85] 2013-06-26
[86] 2011-12-30 (PCT/US2011/068099)
[87] (WO2012/092560)
[30] US (61/428,451) 2010-12-30

[21] **2,823,228**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/86 (2006.01) C01B 17/04 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING SULPHUR-CONTAINING CONTAMINANTS FROM A GAS STREAM**
[54] **PROCEDE DE SEPARATION DES CONTAMINANTS SOUFRES CONTENUS DANS UN FLUX GAZEUX**
[72] VALENZUELA, DIEGO PATRICIO, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-27
[86] 2011-12-28 (PCT/EP2011/074179)
[87] (WO2012/089776)
[30] EP (10197457.4) 2010-12-31

[21] **2,823,234**
[13] A1
[51] **Int.Cl. H01H 33/59 (2006.01) H01H 9/56 (2006.01)**
[25] EN
[54] **POWER SWITCHING CONTROL DEVICE AND CLOSING CONTROL METHOD THEREOF**
[54] **DISPOSITIF DE COMMANDE DE LA COMMUTATION ELECTRIQUE ET PROCEDE DE COMMANDE DE FERMETURE CORRESPONDANT**
[72] MORI, TOMOHITO, JP
[72] MATSUMOTO, DAIGO, JP
[72] TSUTADA, HIROYUKI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-06-27
[86] 2011-01-12 (PCT/JP2011/050356)
[87] (WO2012/095958)

[21] **2,823,236**
[13] A1
[51] **Int.Cl. C09B 67/20 (2006.01) B41M 5/00 (2006.01) C07D 417/14 (2006.01) C09B 35/03 (2006.01) C09B 35/34 (2006.01) C09B 67/22 (2006.01) C09B 67/44 (2006.01) C09D 11/00 (2006.01)**
[25] EN
[54] **COLORING COMPOSITION AND AZO COMPOUND**
[54] **COMPOSITION DE COLORATION ET COMPOSE AZOIQUE**
[72] TATEISHI, KEIICHI, JP
[72] FUJIE, YOSHIHIKO, JP
[72] TAKESHIMA, YOUICHIROU, JP
[71] FUJIFILM CORPORATION, JP
[85] 2013-06-27
[86] 2011-12-21 (PCT/JP2011/079680)
[87] (WO2012/090826)
[30] JP (2010-294320) 2010-12-28
[30] JP (2011-142323) 2011-06-27

[21] **2,823,237**
[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) A01H 5/00 (2006.01) C12N 15/00 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR A SOYBEAN IN-PLANTA TRANSIENT EXPRESSION SYSTEM**
[54] **PROCEDES ET COMPOSITIONS POUR UN SYSTEME D'EXPRESSION TRANSITOIRE DE SOJA IN-PLANTA**
[72] AZHAKANANDAM, KASIMALAI, US
[72] SU, PEI, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2013-06-27
[86] 2011-12-15 (PCT/US2011/065092)
[87] (WO2012/091939)
[30] US (61/427,935) 2010-12-29

[21] **2,823,238**
[13] A1
[51] **Int.Cl. C22B 7/00 (2006.01) C22B 21/00 (2006.01) F23C 6/04 (2006.01) F23D 14/32 (2006.01)**
[25] EN
[54] **METHOD FOR MELTING A SOLID CHARGE**
[54] **PROCEDE PERMETTANT DE FAIRE FONDRE UNE CHARGE SOLIDE**
[72] GAUTAM, VIVEK, US
[72] KAISER, KENNETH, US
[72] JARRY, LUC, FR
[72] TSIAVA, REMI PIERRE, FR
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE, FR
[85] 2013-06-27
[86] 2011-12-16 (PCT/US2011/065521)
[87] (WO2012/091963)
[30] US (12/982,971) 2010-12-31

[21] **2,823,239**
[13] A1
[51] **Int.Cl. F16K 5/06 (2006.01)**
[25] EN
[54] **TRUNNION BALL VALVE WITH INTERCHANGEABLE AND REPLACEABLE SEAT INSERT**
[54] **VANNE A BOISSEAU SPHERIQUE A CROISILLONS COMPORTANT UN INSERT DE SIEGE INTERCHANGEABLE ET REMPLACABLE**
[72] BALAN, MIRCEA, US
[72] BURROWS, STEVEN, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2013-06-27
[86] 2011-12-16 (PCT/US2011/065663)
[87] (WO2012/094136)
[30] US (12/983,800) 2011-01-03

[21] **2,823,240**
[13] A1
[51] **Int.Cl. F23D 14/54 (2006.01)**
[25] EN
[54] **HEAVY CUTTING NOZZLE FOR CUTTING WORKPIECES MADE OF STEEL IN PARTICULAR**
[54] **BUSE DE DECOUPE PUISSANTE POUR LA DECOUPE EN PARTICULIER DE PIECES D'~UVRE EN ACIER**
[72] DEICA, ALEXANDER, DE
[72] BUHR, WIGBERT, DE
[71] GEGA LOTZ GMBH, DE
[85] 2013-06-27
[86] 2011-03-29 (PCT/EP2011/054841)
[87] (WO2012/130290)

[21] **2,823,241**
[13] A1
[51] **Int.Cl. E02D 23/02 (2006.01)**
[25] EN
[54] **SUBSEA PRODUCTION SYSTEM HAVING ARCTIC PRODUCTION TOWER**
[54] **SYSTEME DE PRODUCTION SOUS-MARIN POSSEDANT UNE TOUR DE PRODUCTION ARCTIQUE**
[72] BRINKMANN, CARL R., US
[72] MATSKEVITCH, DMITRI G., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-06-27
[86] 2011-12-20 (PCT/US2011/066155)
[87] (WO2012/102806)
[30] US (61/437,381) 2011-01-28

[21] **2,823,242**
[13] A1
[51] **Int.Cl. B01J 10/02 (2006.01) B01D 12/00 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **USE OF GAS-SEPARATION MEMBRANES TO ENHANCE PRODUCTION IN FIELDS CONTAINING HIGH CONCENTRATIONS OF HYDROGEN SULFIDES**
[54] **UTILISATION DE MEMBRANES DE SEPARATION DE GAZ POUR AMELIORER LA PRODUCTION DANS LES GISEMENTS CONTENANT DE FORTES CONCENTRATIONS DE SULFURES D'HYDROGENE**
[72] CHINN, DANIEL, US
[72] CHEN, JEN KAI, US
[72] ONG, JAMES, US
[72] CHENG, MINQUAN, US
[72] OKEOWO, OLUWASIJIBOMI O., US
[71] CHEVRON U.S.A. INC., US
[85] 2013-06-27
[86] 2011-12-20 (PCT/US2011/066291)
[87] (WO2012/092040)
[30] US (61/428,292) 2010-12-30

[21] **2,823,245**
[13] A1
[51] **Int.Cl. G01V 8/16 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **PROGRAMMABLE FILTERS FOR IMPROVING DATA FIDELITY IN SWEPT-WAVELENGTH INTERFEROMETRY-BASED SYSTEMS**
[54] **FILTRES PROGRAMMABLES PERMETTANT D'AMELIORER LA FIDELITE DE DONNEES DANS DES SYSTEMES BASES SUR UNE INTERFEROMETRIE A LONGUEUR D'ONDE BALAYEE**
[72] DUNCAN, ROGER GLEN, US
[72] CHILDERS, BROOKS A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-27
[86] 2011-12-08 (PCT/US2011/063866)
[87] (WO2012/099650)
[30] US (13/008,979) 2011-01-19

[21] **2,823,246**
[13] A1
[51] **Int.Cl. G01V 8/16 (2006.01) E21B 47/00 (2012.01) G01N 21/84 (2006.01)**
[25] EN
[54] **SENSOR ARRAY CONFIGURATION FOR SWEPT-WAVELENGTH INTERFEROMETRIC-BASED SENSING SYSTEMS**
[54] **CONFIGURATION DE RESEAU DE CAPTEURS POUR DES SYSTEMES DE DETECTION INTERFEROMETRIE A BALAYAGE DE LONGUEUR D'ONDE**
[72] DUNCAN, ROGER GLEN, US
[72] CHILDERS, BROOKS A., US
[72] HOMA, DANIEL S., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-27
[86] 2011-12-08 (PCT/US2011/063868)
[87] (WO2012/096731)
[30] US (13/004,268) 2011-01-11

[21] **2,823,247**
[13] A1
[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/32 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR ENHANCED HYDROCARBONS RECOVERY FROM A FORMATION CONTAINING A CRUDE OIL**
[54] **PROCEDE ET COMPOSITION POUR UNE MEILLEURE EXTRACTION DES HYDROCARBURES DANS UNE FORMATION CONTENANT DU PETROLE BRUT**
[72] BARNES, JULIAN RICHARD, NL
[72] ELLISON, ROBERT HARDY, US
[72] PUERTO, MAURA, US
[72] RANEY, KIRK HERBERT, US
[72] SMIT, JOHAN PAUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2013-06-27
[86] 2011-12-09 (PCT/US2011/064088)
[87] (WO2012/091881)
[30] US (61/427,923) 2010-12-29

[21] **2,823,248**
[13] A1
[51] **Int.Cl. F04B 49/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PUMP CONTROL USING VARYING EQUIVALENT SYSTEM CHARACTERISTIC CURVE, AKA AN ADAPTIVE CONTROL CURVE**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE POMPE AU MOYEN D'UNE COURBE CARACTERISTIQUE SYSTEME EQUIVALENT VARIABLE, APPELEE AUSSI COURBE DE COMMANDE ADAPTATIVE**
[72] CHENG, ANDREW A., US
[72] GU, JAMES J., US
[71] XYLEM IP HOLDINGS LLC, US
[85] 2013-06-27
[86] 2011-12-21 (PCT/US2011/066394)
[87] (WO2012/092055)
[30] US (12/982,286) 2010-12-30

[21] **2,823,250**
[13] A1
[51] **Int.Cl. E04B 1/62 (2006.01)**
[25] EN
[54] **CONSTRUCTION INSULATING PANEL**
[54] **PANNEAU ISOLANT DE CONSTRUCTION**
[72] DAYTON, LIONEL E., US
[71] DAYTON, LIONEL E., US
[85] 2013-06-27
[86] 2011-12-22 (PCT/US2011/066759)
[87] (WO2012/092108)
[30] US (12/978,709) 2010-12-27

[21] **2,823,251**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) C09J 7/04 (2006.01) C09J 109/02 (2006.01)**
[25] EN
[54] **MECHANICAL AND ANTICORROSIVE PROTECTION VINYL TAPE**
[54] **RUBAN ADHESIF EN VINYLE DE PROTECTION MECANIQUE ET ANTICORROSIF**
[72] CORREA ARANTES, VANESSA, BR
[72] YAMASIHITA, MITSUO M., BR
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-06-27
[86] 2011-12-22 (PCT/US2011/066860)
[87] (WO2012/092129)
[30] BR (PI 1005582-7) 2010-12-30

[21] **2,823,252**
[13] A1
[51] **Int.Cl. A61K 36/81 (2006.01) A61K 8/97 (2006.01) A61K 31/015 (2006.01) A61K 31/722 (2006.01) A61K 36/15 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01) A61K 36/54 (2006.01) A61K 36/58 (2006.01) A61K 36/61 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **PLANT ESSENTIAL OIL-BASED ANTIMICROBIAL FISH FILMING COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS FILMOGENES ANTIMICROBIENNES A BASE D'HUILES ESSENTIELLES VEGETALES DESTINEES AUX POISSONS ET METHODES D'UTILISATION**
[72] BRODIE, COLIN G., US
[72] VAN BLARCOM, RALPH, US
[71] SERGEANT'S PET CARE PRODUCTS INC., US
[85] 2013-06-27
[86] 2011-12-23 (PCT/US2011/067195)
[87] (WO2012/092199)
[30] US (61/428,091) 2010-12-29

[21] **2,823,253**
[13] A1
[51] **Int.Cl. A63H 33/08 (2006.01)**
[25] EN
[54] **ILLUMINANT BUILDING BLOCK KIT WITH ELECTRIC CONNECTION STRUCTURE AND ITS POWER SUPPLY SEAT**
[54] **ENSEMBLE DE BLOC DE CONSTRUCTION ECLAIRANT COMPORTANT UNE STRUCTURE DE CONNEXION ELECTRIQUE ET SON SIEGE D'ALIMENTATION**
[72] LIN, CHIA-YEN, CN
[71] LIN, CHIA-YEN, CN
[85] 2013-06-27
[86] 2010-12-31 (PCT/CN2010/080570)
[87] (WO2012/088704)

[21] **2,823,254**
[13] A1
[51] **Int.Cl. H02J 17/00 (2006.01) H02J 7/02 (2006.01)**
[25] EN
[54] **WIRELESSS ENERGY SOURCES FOR INTEGRATED CIRCUITS**
[54] **SOURCES D'ENERGIE SANS FIL POUR CIRCUITS INTEGRES**
[72] WHITWORTH, ADAM, US
[72] NILAY, JANI, US
[71] PROTEUS DIGITAL HEALTH, INC., US
[85] 2013-06-27
[86] 2011-12-23 (PCT/US2011/067258)
[87] (WO2012/092209)
[30] US (61/428,055) 2010-12-29

[21] **2,823,256**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **COLLABORATION MEETING MANAGEMENT IN A WEB-BASED INTERACTIVE MEETING FACILITY**
[54] **GESTION COLLABORATIVE DE REUNIONS DANS UNE FONCTIONNALITE DE REUNION INTERACTIVE PAR WEB**
[72] WHALIN, GREGORY P., US
[72] MEEKER, MATTHEW, US
[72] KAMALI, PETER, US
[72] HEIFERMAN, SCOTT, US
[71] MEETUP, INC., US
[85] 2013-06-27
[86] 2012-01-05 (PCT/US2012/020292)
[87] (WO2012/094469)
[30] US (61/430,831) 2011-01-07

[21] **2,823,257**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/08 (2006.01) E21B 43/112 (2006.01)**
[25] EN
[54] **COMBINED FRACTURING OUTLET AND PRODUCTION PORT FOR A TUBULAR STRING**
[54] **SORTIE DE FRACTURATION ET ORIFICE DE PRODUCTION COMBINES POUR UN TRAIN DE TIGES TUBULAIRE**
[72] XU, RICHARD Y., US
[72] HUANG, TIANPING, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-27
[86] 2012-01-19 (PCT/US2012/021804)
[87] (WO2012/100012)
[30] US (13/011,658) 2011-01-21

[21] **2,823,258**
[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01)**
[25] EN
[54] **WELLHEAD HIPS WITH AUTOMATIC TESTING AND SELF-DIAGNOSTICS**
[54] **SYSTEME HIPS POUR TETE DE PUITS AVEC TEST AUTOMATIQUE ET AUTODIAGNOSTIC**
[72] FLANDERS, PATRICK S., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-06-27
[86] 2012-01-19 (PCT/US2012/021856)
[87] (WO2012/100044)
[30] US (61/434,051) 2011-01-19

[21] **2,823,260**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/52 (2006.01) E21B 10/58 (2006.01)**
[25] EN
[54] **FABRICATED MILL BODY WITH BLADE POCKETS FOR INSERT PLACEMENT AND ALIGNMENT**
[54] **CORPS DE FRAISE FABRIQUE DOTE DE CAISSONS POUR LE PLACEMENT ET L'ALIGNEMENT D'UN INSERT**
[72] TRAHAN, JAMES S., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-27
[86] 2012-01-26 (PCT/US2012/022734)
[87] (WO2012/103342)
[30] US (13/014,797) 2011-01-27

[21] **2,823,261**
[13] A1
[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/02 (2006.01) H01M 8/12 (2006.01)**
[25] EN
[54] **SOLID OXIDE FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE A OXYDE SOLIDE**
[72] WANG, WEIGUO, CN
[72] GUAN, WANBING, CN
[72] ZHAI, HUIJUAN, CN
[72] SHEN, SHENGCHENG, CN
[72] JIN, LE, CN
[72] ZHANG, QINGSHENG, CN
[72] KE, RUI, CN
[71] NINGBO INSTITUTE OF MATERIAL TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
[85] 2013-06-27
[86] 2011-01-21 (PCT/CN2011/070472)
[87] (WO2012/097521)

[21] **2,823,262**
[13] A1
[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GENERATING FILTER COEFFICIENTS AND CONFIGURING FILTERS**
[54] **PROCEDES ET SYSTEMES DE GENERATION DE COEFFICIENTS DE FILTRE ET CONFIGURATION DE FILTRES**
[72] DAVIS, MARK F., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2013-06-27
[86] 2012-02-08 (PCT/US2012/024270)
[87] (WO2012/112357)
[30] US (61/443,360) 2011-02-16

[21] **2,823,263**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G06T 17/05 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING PROPERTIES OF A HYDROCARBON RESERVOIR BASED ON PRODUCTION DATA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER DES PROPRIETES D'UN RESERVOIR D'HYDROCARBURES EN SE BASANT SUR DES DONNEES DE PRODUCTION**
[72] MURPHY, JANET, US
[72] AINLEY, CHRISTOPHER, US
[71] CHEVRON U.S.A. INC., US
[85] 2013-06-27
[86] 2012-05-04 (PCT/US2012/036579)
[87] (WO2012/154579)
[30] US (61/518,700) 2011-05-09

[21] **2,823,265**
[13] A1
[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/074 (2010.01)**
[25] EN
[54] **METHOD OF GENERATING INDUCED PLURIPOTENT STEM CELLS AND DIFFERENTIATED CELLS**
[54] **PROCEDE DE GENERATION DE CELLULES SOUCHES PLURIPOTENTES INDUITES ET DE CELLULES DIFFERENCIEES**
[72] ESTEBAN, MIGUEL, CN
[72] GRILLARI, JOHANNES, AT
[72] GRILLARI, REGINA, AT
[72] ZHOU, TING, CN
[72] PEI, DUANQING, US
[71] UNIVERSITAT FUR BODENKULTUR WIEN, AT
[71] GUANG-ZHOU INSTITUTE OF BIOMEDICINE AND HEALTH, CHINESE ACADEMY OF, CN
[85] 2013-06-27
[86] 2011-12-23 (PCT/EP2011/073962)
[87] (WO2012/089669)
[30] CN (PCT/CN2010/002226) 2010-12-31
[30] EP (11152519.2) 2011-01-28

[21] **2,823,266**
[13] A1
[51] **Int.Cl. A61J 3/00 (2006.01)**
[25] EN
[54] **MEDICINE DISPENSING APPARATUS**
[54] **MACHINE D'EMBALLAGE DE MEDICAMENT**
[72] OMURA, YOSHIHITO, JP
[72] OHGAYA, SYUNJI, JP
[71] TOSHO, INC., JP
[85] 2013-06-25
[86] 2011-09-05 (PCT/JP2011/070187)
[87] (WO2012/086270)
[30] JP (2010-288960) 2010-12-24

[21] **2,823,267**
[13] A1
[51] **Int.Cl. C22C 33/02 (2006.01)**
[25] EN
[54] **IRON BASED POWDERS FOR POWDER INJECTION MOLDING**
[54] **POUDRES A BASE DE FER POUR UN MOULAGE PAR INJECTION DE POUDRES**
[72] LARSSON, ANNA, SE
[71] HOGANAS AB (PUBL), SE
[85] 2013-06-27
[86] 2011-12-29 (PCT/EP2011/074230)
[87] (WO2012/089807)
[30] SE (1051396-8) 2010-12-30
[30] US (61/431,269) 2011-01-10

[21] **2,823,268**
[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **MOTORIZED BEVERAGE MACHINE WITH MECANICAL TRANSMISSION**
[54] **MACHINE MOTORISEE DE PREPARATION DE BOISSONS AYANT UNE TRANSMISSION MECANIQUE**
[72] KRISTLBAUER, JURGEN, CH
[71] NESTEC S.A., CH
[85] 2013-06-27
[86] 2012-01-03 (PCT/EP2012/050033)
[87] (WO2012/093108)
[30] EP (11150023.7) 2011-01-03

[21] **2,823,269**
[13] A1
[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/12 (2012.01) G01B 7/02 (2006.01) G01B 11/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE LOCATION OF A FIBER OPTIC CHANNEL ALONG THE LENGTH OF A FIBER OPTIC CABLE**
[54] **PROCEDE ET SYSTEME DE LOCALISATION D'UN CANAL OPTIQUE SUR L'ETENDUE D'UN CABLE A FIBRE OPTIQUE**
[72] JOINSON, DANIEL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-27
[86] 2011-12-29 (PCT/EP2011/074252)
[87] (WO2012/089818)
[30] EP (10197477.2) 2010-12-31

[21] **2,823,270**
[13] A1
[51] **Int.Cl. C12N 1/38 (2006.01) C12P 17/16 (2006.01)**
[25] EN
[54] **USE OF BROWNED GLUCOSE AS A FEED SUBSTRATE**
[54] **UTILISATION DE GLUCOSE BRUNI EN TANT QUE SUBSTRAT D'ALIMENTATION ANIMALE**
[72] BANKE, NIELS, DK
[71] NOVOZYMES A/S, DK
[85] 2013-06-27
[86] 2012-01-25 (PCT/EP2012/051084)
[87] (WO2012/104176)
[30] EP (11152693.5) 2011-01-31

[21] **2,823,272**
[13] A1
[51] **Int.Cl. G01C 11/00 (2006.01) G06Q 50/02 (2012.01) A01C 14/00 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING SOIL MAPS AND APPLICATION PRESCRIPTIONS**
[54] **PROCEDES POUR PRODUIRE DES CARTES DES SOLS ET DES PRESCRIPTIONS D'APPLICATION**
[72] SAUDER, DEREK A., US
[72] SAUDER, TIMOTHY A., US
[72] MONDAY, STEVEN D., US
[71] PRECISION PLANTING LLC, US
[85] 2013-06-26
[86] 2011-12-30 (PCT/US2011/068219)
[87] (WO2012/094256)
[30] US (61/429,635) 2011-01-04

[21] **2,823,273**
[13] A1
[51] **Int.Cl. G01C 15/00 (2006.01)**
[25] EN
[54] **MEASURING APPLIANCE COMPRISING AN AUTOMATIC REPRESENTATION-CHANGING FUNCTIONALITY**
[54] **APPAREIL DE MESURE A FONCTIONNALITE DE CHANGEMENT DE REPRESENTATION AUTOMATIQUE**
[72] SCHORR, CHRISTIAN, CH
[72] SCHROEDER, FRANK, CH
[72] KOCH, ROMY, CH
[72] GIGER, KURT, CH
[71] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-27
[86] 2012-01-10 (PCT/EP2012/050301)
[87] (WO2012/095416)
[30] EP (11150978.2) 2011-01-14

[21] **2,823,274**
[13] A1
[51] **Int.Cl. A47K 10/38 (2006.01)**
[25] EN
[54] **RETENTION MECHANISM IN A DISPENSER FOR RETAINING AN EXCHANGEABLE ROLL OF MATERIAL, RETENTION SYSTEM, DISPENSER, AND METHOD FOR INSERTING A ROLL OF MATERIAL INTO SUCH A RETENTION MECHANISM**
[54] **MECANISME DE RETENUE DANS UN DISTRIBUTEUR DESTINE A RETENIR UN ROULEAU DE MATERIAU REMPLACABLE, SYSTEME DE RETENUE, DISTRIBUTEUR ET PROCEDE PERMETTANT D'INSERER UN ROULEAU DE MATERIAU DANS CE MECANISME DE RETENUE**
[72] MOLLER, PER, SE
[72] BONNEVIER, MARTIN, SE
[72] JOKITALO, JOONAS, SE
[72] BILLMANN, CRAIG, SE
[72] HJORT, ERIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2013-06-26
[86] 2010-12-27 (PCT/EP2010/070746)
[87] (WO2012/089233)

[21] **2,823,275**
[13] A1
[51] **Int.Cl. C09C 1/22 (2006.01) C04B 20/10 (2006.01) C04B 26/26 (2006.01) C04B 40/00 (2006.01) C09C 1/24 (2006.01) C09C 1/34 (2006.01) C09C 1/36 (2006.01)**
[25] EN
[54] **OIL- AND WAX-CONTAINING AGENTS IN PIECE FORM COMPRISING PARTICULAR WAX MIXTURES FOR THE COLORING OF ASPHALT AND BITUMEN**
[54] **AGENTS HUILEUX ET CIREUX EN MORCEAUX, CONTENANT DES MELANGES DE CIRE PARTICULIERS, DESTINES A COLORER DE L'ASPHALTE ET DU BITUME**
[72] CHLOPEK, KRZYSZTOF, DE
[72] KISCHKEWITZ, JURGEN, DE
[72] KOHNERT, LUTZ, DE
[72] INDEN, HOLGER, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2013-06-27
[86] 2011-12-30 (PCT/EP2011/074308)
[87] (WO2012/089834)
[30] EP (10197397.2) 2010-12-30

[21] **2,823,276**
[13] A1
[51] **Int.Cl. C09C 1/22 (2006.01) C09C 1/24 (2006.01) C09C 1/34 (2006.01) C09C 1/36 (2006.01)**
[25] EN
[54] **OIL- AND WAX-CONTAINING COMPOSITIONS IN PIECE FORM FOR THE COLORING OF ASPHALT AND BITUMEN**
[54] **AGENTS HUILEUX ET CIREUX EN MORCEAUX DESTINES A COLORER DE L'ASPHALTE ET DU BITUME**
[72] CHLOPEK, KRZYSZTOF, DE
[72] KISCHKEWITZ, JURGEN, DE
[72] KOHNERT, LUTZ, DE
[72] INDEN, HOLGER, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2013-06-27
[86] 2011-12-30 (PCT/EP2011/074309)
[87] (WO2012/089835)
[30] EP (10197401.2) 2010-12-30

[21] **2,823,277**
[13] A1
[51] **Int.Cl. C07D 231/14 (2006.01) C07D 275/03 (2006.01)**
[25] EN
[54] **AMINO-SUBSTITUTED 3-HETEROAROYLAMINO-PROPIONIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS**
[54] **DERIVES DE L'ACIDE 3-HETEROAROYLAMINO-PROPIONIQUE AMINO SUBSTITUES ET LEUR UTILISATION EN TANT QUE PRODUITS PHARMACEUTIQUES**
[72] RUF, SVEN, DE
[72] SADOWSKI, THORSTEN, DE
[72] HORSTICK, GEORG, DE
[72] SCHREUDER, HERMAN, DE
[72] BUNING, CHRISTIAN, DE
[72] OLPP, THOMAS, DE
[72] WIRTH, KLAUS, DE
[71] SANOFI, FR
[85] 2013-06-27
[86] 2012-01-26 (PCT/EP2012/051191)
[87] (WO2012/101199)
[30] EP (11305077.7) 2011-01-26

[21] **2,823,279**
[13] A1
[51] **Int.Cl. C01B 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR THE COMMISSIONING OF AUTOTHERMAL REFORMING REACTORS**
[54] **PROCEDE DE MISE EN ROUTE DE REACTEURS DE REFORMAGE AUTOTHERMES**
[72] JOHANNING, JOACHIM, DE
[72] KEIL, BERND, DE
[71] THYSSENKRUPP UHDE GMBH, DE
[85] 2013-06-27
[86] 2012-03-13 (PCT/EP2012/001108)
[87] (WO2012/123100)
[30] DE (10 2011 014 217.7) 2011-03-17

[21] **2,823,280**
[13] A1
[51] **Int.Cl. A23J 7/00 (2006.01) A23L 1/29 (2006.01) A23L 1/30 (2006.01) A23L 1/302 (2006.01)**
[25] EN
[54] **NON-MEDICAL INCREASE OR MAINTENANCE OF BODY WEIGHT OF A MAMMAL**
[54] **AUGMENTATION OU MAINTIEN DU POIDS CHEZ UN MAMMIFERE A DES FINS NON MEDICALES**
[72] DE WILDE, MATTHEUS CORNELIS, NL
[72] HAGEMAN, ROBERT JOHAN JOSEPH, NL
[72] GROENENDIJK, MARTINE, NL
[72] KAMPHUIS, PATRICK JOSEPH GERARDUS HENDRIKUS, NL
[71] N.V. NUTRICIA, NL
[85] 2013-06-27
[86] 2011-08-11 (PCT/NL2011/050555)
[87] (WO2012/091548)
[30] NL (PCT/NL2010/050892) 2010-12-28

[21] **2,823,281**
[13] A1
[51] **Int.Cl. H02H 9/00 (2006.01)**
[25] EN
[54] **TRIP UNIT PROVIDING REMOTE ELECTRICAL SIGNAL TO REMOTELY INDICATE THAT AN ARC REDUCTION MAINTENANCE MODE IS REMOTELY ENABLED, AND ELECTRICAL SWITCHING APPARATUS INCLUDING THE SAME**
[54] **DECLENCHEUR DELIVRANT UN SIGNAL ELECTRIQUE DISTANT POUR INDIQUER A DISTANCE QU'UN MODE DE MAINTENANCE DE REDUCTION D'ARC EST VALIDE A DISTANCE, ET APPAREIL DE COMMUTATION ELECTRIQUE LE COMPRENANT**
[72] CARLINO, HARRY J., US
[72] OLENAK, DAVID, US
[72] MALONEZ, LLOYD A., US
[72] CAFFRO, BRIAN S., US
[71] EATON CORPORATION, US
[85] 2013-06-27
[86] 2012-01-11 (PCT/IB2012/000024)
[87] (WO2012/095725)
[30] US (13/004,398) 2011-01-11

[21] **2,823,282**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **EFFICIENT LIGNOCELLULOSE HYDROLYSIS WITH INTEGRATED ENZYME PRODUCTION**
[54] **HYDROLYSE EFFICACE DE LA LIGNOCELLULOSE AVEC PRODUCTION SIMULTANEE D'ENZYMES**
[72] RARBACH, MARKUS, DE
[72] DRAGOVIC, ZDRAVKO, DE
[72] KOHL, ANDREAS, DE
[72] GERLACH, JOCHEN, DE
[72] BARTUCH, JORG, DE
[72] BRUCK, THOMAS, DE
[71] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2013-06-27
[86] 2012-01-02 (PCT/EP2012/050009)
[87] (WO2012/089844)
[30] EP (10197455.8) 2010-12-31

[21] **2,823,284**
[13] A1
[51] **Int.Cl. A62B 1/14 (2006.01) A63B 29/02 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **SAFETY AND DESCENDER DEVICE**
[54] **DISPOSITIF DE SECURITE ET DESCENDEUR**
[72] PAGLIOLI, CARLO, IT
[71] ALUDESIGN S.P.A., IT
[85] 2013-06-27
[86] 2012-01-12 (PCT/IB2012/000044)
[87] (WO2012/095737)
[30] IT (MI2011A000023) 2011-01-13

[21] **2,823,285**
[13] A1
[51] **Int.Cl. H01H 71/02 (2006.01) H01H 71/12 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **ACCESSORY MODULE PROVIDING A ZONE SELECTIVE INTERLOCKING INTERFACE EXTERNAL TO A TRIP UNIT, AND SYSTEM AND CIRCUIT INTERRUPTER INCLUDING THE SAME**
[54] **MODULE D'ACCESSOIRE PRODUISANT UNE INTERFACE DE VERROUILLAGE MUTUEL SELECTIVE VIS-A-VIS DE LA ZONE EXTERNE A UN BLOC DECLENCHEUR, ET SYSTEME ET COUPE-CIRCUIT LE COMPRENANT**
[72] CARLINO, HARRY J., US
[72] ZINDLER, MARK O., US
[71] EATON CORPORATION, US
[85] 2013-06-27
[86] 2012-01-13 (PCT/IB2012/000045)
[87] (WO2012/095738)
[30] US (13/005,771) 2011-01-13

[21] **2,823,286**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) C07K 16/18 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **DIAGNOSTIC DRUG AND DIAGNOSTIC METHOD FOR ALZHEIMER'S DISEASE**
[54] **MEDICAMENT DE DIAGNOSTIC ET PROCEDE DE DIAGNOSTIC POUR LA MALADIE D'ALZHEIMER**
[72] HASHIMOTO, MASAKAZU, JP
[72] NAKAGAWA, HIROYUKI, JP
[72] AOKI, MIKIO, JP
[72] TJERNBERG, LARS O., SE
[72] WINBLAD, BENGT, SE
[71] DAINIPPON SUMITOMO PHARMA CO., LTD., JP
[85] 2013-06-27
[86] 2011-12-28 (PCT/JP2011/080517)
[87] (WO2012/091138)
[30] JP (2010-293891) 2010-12-28

[21] **2,823,287**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND METHOD FOR MAKING THE SAME**
[54] **PLANTES AYANT DES CARACTERES LIES AU RENDEMENT AMPLIFIES ET PROCEDE POUR LEUR PRODUCTION**
[72] REUZEAU, CHRISTOPHE, FR
[72] FRANKARD, VALERIE, BE
[72] VRIET, CECILE, FR
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2013-06-27
[86] 2012-01-19 (PCT/IB2012/050259)
[87] (WO2012/098517)
[30] US (61/434,445) 2011-01-20
[30] EP (11151485.7) 2011-01-20
[30] US (61/438,673) 2011-02-02
[30] EP (11153065.5) 2011-02-02
[30] US (61/444,152) 2011-02-18
[30] EP (11154998.6) 2011-02-18
[30] US (61/445,104) 2011-02-22
[30] EP (11155421.8) 2011-02-22

[21] **2,823,288**
[13] A1
[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **VIDEO ENCODER, VIDEO ENCODING METHOD, VIDEO ENCODING PROGRAM, VIDEO REPRODUCTION DEVICE, VIDEO REPRODUCTION METHOD, AND VIDEO REPRODUCTION PROGRAM**
[54] **CODEUR VIDEO, PROCEDE DE CODAGE VIDEO, PROGRAMME DE CODAGE VIDEO, DISPOSITIF DE REPRODUCTION VIDEO, PROCEDE DE REPRODUCTION VIDEO ET PROGRAMME DE REPRODUCTION VIDEO**
[72] SASAKI, TAIJI, JP
[72] YAHATA, HIROSHI, JP
[72] OGAWA, TOMOKI, JP
[72] TOMA, TADAMASA, JP
[71] PANASONIC CORPORATION, JP
[85] 2013-06-27
[86] 2012-02-15 (PCT/JP2012/000974)
[87] (WO2012/111320)
[30] US (61/443,353) 2011-02-16

[21] **2,823,289**
[13] A1
[51] **Int.Cl. H04N 13/00 (2006.01) H04N 7/32 (2006.01)**
[25] EN
[54] **DATA CREATION DEVICE AND PLAYBACK DEVICE FOR VIDEO PICTURE IN VIDEO STREAM**
[54] **DISPOSITIF DE CREATION DE DONNEES ET DISPOSITIF DE LECTURE POUR UNE IMAGE VIDEO DANS UN FLUX VIDEO**
[72] SASAKI, TAIJI, JP
[72] YAHATA, HIROSHI, JP
[72] OGAWA, TOMOKI, JP
[72] TOMA, TADAMASA, JP
[71] PANASONIC CORPORATION, JP
[85] 2013-06-27
[86] 2012-02-10 (PCT/JP2012/000899)
[87] (WO2012/108210)
[30] US (61/441,383) 2011-02-10

[21] **2,823,290**
[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PLANT HAVING INCREASED RESISTANCE OR SUSCEPTIBILITY TO 4-HPPD INHIBITOR**
[54] **PLANTE AYANT UNE RESISTANCE OU SENSIBILITE AMELIOREE A UN INHIBITEUR DE 4-HPPD**
[72] KATO, HIROSHI, JP
[72] MAEDA, HIDEO, JP
[72] SUNOHARA, YOSHIHIRO, JP
[72] ANDO, IKUO, JP
[72] OSHIMA, MASAHIRO, JP
[72] KAWATA, MOTOSHIGE, JP
[72] YOSHIDA, HITOSHI, JP
[72] HIROSE, SAKIKO, JP
[72] KAWAGISHI, MAKIKO, JP
[72] TANIGUCHI, YOJIRO, JP
[72] MURATA, KAZUMASA, JP
[72] MAEDA, HIROAKI, JP
[72] YAMADA, YUJI, JP
[72] SEKINO, KEISUKE, JP
[72] YAMAZAKI, AKIHIKO, JP
[71] SDS BIOTECH K.K., JP
[85] 2013-06-27
[86] 2011-12-26 (PCT/JP2011/080105)
[87] (WO2012/090950)
[30] JP (2010-293451) 2010-12-28

[21] **2,823,291**
[13] A1
[51] **Int.Cl. A61K 31/46 (2006.01) A61K 31/192 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **ANTIPYRETIC/ANALGESIC COMPOSITION**
[54] **COMPOSITION ANTIPYRETIQUE/ANALGESIQUE**
[72] KANO, YUICHIRO, JP
[72] SHIMOKAWA, TATSUHARU, JP
[71] KOWA CO., LTD., JP
[85] 2013-06-27
[86] 2011-12-28 (PCT/JP2011/080383)
[87] (WO2012/091090)
[30] JP (2010-292812) 2010-12-28
[30] JP (2011-188208) 2011-08-31

[21] **2,823,292**
[13] A1
[51] **Int.Cl. C22C 23/02 (2006.01) C22C 23/00 (2006.01) C22C 23/04 (2006.01) C22C 23/06 (2006.01) C22F 1/00 (2006.01) C22F 1/06 (2006.01)**
[25] EN
[54] **MAGNESIUM ALLOY MATERIAL**
[54] **MATERIAU EN ALLIAGE DE MAGNESIUM**
[72] YAMAKAWA, MASAHIRO, JP
[72] NUMANO, MASATADA, JP
[72] SUGIHARA, TAKAYASU, JP
[72] KUBO, YUGO, JP
[72] INOKUCHI, KOHJI, JP
[72] MIZUNO, OSAMU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2013-06-27
[86] 2011-12-28 (PCT/JP2011/080455)
[87] (WO2012/091112)
[30] JP (2010-292517) 2010-12-28
[30] JP (2010-292518) 2010-12-28
[30] JP (2010-292519) 2010-12-28

[21] **2,823,294**
[13] A1
[51] **Int.Cl. H03K 9/00 (2006.01)**
[25] EN
[54] **ULTRA WIDEBAND TIME-DELAYED CORRELATOR**
[54] **CORRELATEUR RETARDE DANS LE TEMPS A ULTRALARGE BANDE**
[72] CHIVERS, MARK A., US
[72] RAVINDRAN, SUJIT, US
[71] ABG TAG & TRAQ, LLC, US
[85] 2013-06-27
[86] 2011-12-20 (PCT/US2011/001998)
[87] (WO2012/093989)
[30] US (61/457,126) 2011-01-04
[30] US (13/199,416) 2011-08-30

[21] **2,823,295**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR JOINTLY OPTIMIZING WAN AND LAN NETWORK COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES POUR OPTIMISER CONJOINTEMENT DES COMMUNICATIONS DE RESEAUX WAN ET LAN**
[72] CHOW, PETER, US
[72] RHEE, WONJONG, US
[72] TEHRANI, ARDAVAN MALEKI, US
[72] GOLDBURG, MARC, US
[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC, US
[85] 2013-06-27
[86] 2011-01-12 (PCT/US2011/021003)
[87] (WO2012/096661)

[21] **2,823,297**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **NON-NATURAL MIC PROTEINS**
[54] **PROTEINES MIC NON NATURELLES**
[72] MARTIN, DAVID W., US
[72] WILLIAMS, STEVEN R., US
[71] AVIDBIOTICS CORP., US
[85] 2013-06-27
[86] 2011-07-05 (PCT/US2011/042955)
[87] (WO2012/091756)
[30] US (12/982,827) 2010-12-30

[21] **2,823,300**
[13] A1
[51] **Int.Cl. H01B 3/47 (2006.01) B29C 70/52 (2006.01) C08J 5/02 (2006.01) C08J 5/10 (2006.01) C08L 23/10 (2006.01) G02B 6/44 (2006.01) H01B 7/18 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A CABLE STRENGTH MEMBER**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE RENFORCEMENT POUR CABLE**
[72] ZHOU, HUAJUN, US
[72] CHEN, BUO, US
[72] NEUBAUER, ANTHONY C., US
[72] COGEN, JEFFREY M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2013-06-27
[86] 2011-11-09 (PCT/US2011/059962)
[87] (WO2012/091806)
[30] US (61/427,942) 2010-12-29

[21] **2,823,301**
[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **NETWORK MEDIA DEVICE WITH CODE RECOGNITION**
[54] **DISPOSITIF MULTIMEDIA DE RESEAU AVEC RECONNAISSANCE DE CODE**
[72] CASAGRANDE, STEVEN MICHAEL, US
[72] BEALS, WILLIAM MICHAEL, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-06-27
[86] 2011-11-22 (PCT/US2011/061778)
[87] (WO2012/091825)
[30] US (12/981,244) 2010-12-29

[21] **2,823,302**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) H04M 1/725 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD OF DISPLAYING INFORMATION IN RESPONSE TO A GESTURE**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE D'AFFICHAGE D'INFORMATIONS EN REPONSE A UN GESTE**
[72] LAZARIDIS, MIHAL, CA
[72] RYDENHAG, DANIEL TOBIAS, SE
[72] LINDSAY, DONALD JAMES, CA
[72] HAMILTON, ALISTAIR ROBERT, CA
[72] LESSING, ROBERT SIMON, SE
[72] GRIFFIN, JASON TYLER, CA
[72] BENEDEK, JOSEPH EYTAN, CA
[72] WOOD, TODD ANDREW, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-06-27
[86] 2011-12-01 (PCT/US2011/062892)
[87] (WO2012/128795)
[30] EP (11150335.5) 2011-01-06
[30] EP (11156282.3) 2011-02-28

[21] **2,823,304**
[13] A1
[51] **Int.Cl. C23C 22/57 (2006.01) C23C 28/00 (2006.01) C23F 1/22 (2006.01)**
[25] EN
[54] **MAGNESIUM ALLOY WITH DENSE SURFACE TEXTURE AND SURFACE TREATMENT METHOD THEREOF**
[54] **ALLIAGE DE MAGNESIUM AYANT TEXTURE DE SURFACE DENSE ET PROCEDE DE TRAITEMENT DE SURFACE CORRESPONDANT**
[72] PARK, YOUNG-HEE, KR
[71] POSCO, KR
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR
[85] 2013-06-27
[86] 2011-12-28 (PCT/KR2011/010240)
[87] (WO2012/091456)
[30] KR (10-2010-0137224) 2010-12-28

[21] **2,823,306**
[13] A1
[51] **Int.Cl. A61K 31/14 (2006.01) A23L 1/00 (2006.01) A61K 31/202 (2006.01) A61K 31/355 (2006.01) A61K 31/375 (2006.01) A61K 31/4415 (2006.01) A61K 31/519 (2006.01) A61K 31/683 (2006.01) A61K 31/685 (2006.01) A61K 31/7072 (2006.01) A61K 31/714 (2006.01) A61K 33/04 (2006.01) A61K 45/06 (2006.01) A61P 3/02 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMBINATION OF COMPONENTS FOR THE PREVENTION AND TREATMENT OF FRAILTY**
[54] **COMBINAISON DE COMPOSANTS POUR LA PREVENTION ET LE TRAITEMENT DE LA FAIBLESSE**
[72] HAGEMAN, ROBERT JOHAN JOSEPH, NL
[72] DE WILDE, MATTHEUS CORNELIS, NL
[72] GROENENDIJK, MARTINE, NL
[72] KAMPHUIS, PATRICK JOSEPH GERARDUS HENDRIKUS, NL
[71] N.V. NUTRICIA, NL
[85] 2013-06-27
[86] 2011-12-28 (PCT/NL2011/050908)
[87] (WO2012/091571)
[30] NL (PCT/NL2010/050892) 2010-12-28
[30] NL (PCT/NL2011/050555) 2011-08-11
[30] NL (PCT/NL2011/050556) 2011-08-11

[21] **2,823,307**
[13] A1
[51] **Int.Cl. G01V 8/16 (2006.01) E21B 47/00 (2012.01) G01V 8/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING VIBRATION USING FIBER OPTIC SENSORS**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE VIBRATIONS A L'AIDE DE CAPTEURS A FIBRE OPTIQUE**
[72] DUNCAN, ROGER G., US
[72] CHILDERS, BROOKS A., US
[72] HARMAN, ROBERT M., US
[72] BALAGOPAL, AJIT, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-27
[86] 2011-12-06 (PCT/US2011/063516)
[87] (WO2012/094086)
[30] US (12/985,773) 2011-01-06

[21] **2,823,309**
[13] A1
[51] **Int.Cl. C07C 29/74 (2006.01) C07B 63/00 (2006.01) C07C 31/22 (2006.01) C07C 51/42 (2006.01) C07C 59/285 (2006.01)**
[25] EN
[54] **GLYCERIDES AND FATTY ACID MIXTURES AND METHODS OF USING SAME**
[54] **MELANGES DE GLYCERIDES ET D'ACIDES GRAS ET LEURS PROCEDES D'UTILISATION**
[72] TRAN, BO, US
[72] ERAYDIN, KEREM, US
[71] NALCO COMPANY, US
[85] 2013-06-27
[86] 2011-12-27 (PCT/US2011/067359)
[87] (WO2012/092253)
[30] US (12/982,217) 2010-12-30

[21] **2,823,311**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **DATA IMPROVEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DE DONNEES**
[72] WILSON, M. FRANK, US
[72] OLSON, LEE A., US
[72] SCHOUTEN, MATTHEW, US
[71] WABTEC HOLDING CORP., US
[85] 2013-06-27
[86] 2011-12-07 (PCT/US2011/063672)
[87] (WO2012/094090)
[30] US (12/986,482) 2011-01-07

[21] **2,823,314**
[13] A1
[51] **Int.Cl. A47K 10/36 (2006.01)**
[25] EN
[54] **TOWEL DISPENSER WITH AUTO-LOAD ARRANGEMENT**
[54] **DISTRIBUTEUR DE SERVIETTES AYANT UN AGENCEMENT DE CHARGEMENT AUTOMATIQUE**
[72] HENSON, MARK W., US
[72] ELLIOTT, ADAM T., US
[71] WAUSAU PAPER TOWEL & TISSUE, LLC, US
[85] 2013-06-27
[86] 2011-12-28 (PCT/US2011/067555)
[87] (WO2012/092353)
[30] US (12/930,153) 2010-12-28

[21] **2,823,321**
[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01)**
[25] EN
[54] **MOBILE PAYMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PAIEMENT MOBILE**
[72] HAMZEH, MEHRAK, US
[72] IDE, DAVID, US
[72] RODRIGUEZ, EDDIE, US
[72] CLEARY, JAMES P., US
[71] SPINDLE, INC., US
[85] 2013-06-27
[86] 2011-12-27 (PCT/US2011/067396)
[87] (WO2012/092280)
[30] US (61/427,435) 2010-12-27

[21] **2,823,324**
[13] A1
[51] **Int.Cl. G01N 30/72 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **QUANTITATION OF INSULIN BY MASS SPECTROMETRY**
[54] **QUANTIFICATION DE L'INSULINE PAR SPECTROMETRIE DE MASSE**
[72] CHEN, ZHAOHUI, US
[72] CLARKE, NIGEL, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[85] 2013-06-27
[86] 2011-12-27 (PCT/US2011/067397)
[87] (WO2012/092281)
[30] US (61/427,749) 2010-12-28

[21] **2,823,325**
[13] A1
[51] **Int.Cl. A01K 61/00 (2006.01) B63B 35/44 (2006.01)**
[25] EN
[54] **CENTER SPAR FISH PEN**
[54] **PARC A POISSONS A ESPAR CENTRAL**
[72] MADSEN, TODD L., US
[72] GREGG, TIMOTHY J., US
[72] GACE, LANGLEY R., US
[71] OCEANSPAR, INC., US
[85] 2013-06-27
[86] 2011-12-28 (PCT/US2011/067610)
[87] (WO2012/092380)
[30] US (61/428,095) 2010-12-29

[21] **2,823,327**
[13] A1
[51] **Int.Cl. B44C 1/175 (2006.01)**
[25] EN
[54] **A WATER PRESSURE TRANSFER METHOD, A TRANSFER FILM FOR WATER PRESSURE TRANSFER, AN INK FOR A TRANSFER FILM AND A WATER PRESSURE TRANSFER ARTICLE**
[54] **PROCEDE D'IMPRESSION PAR TRANSFERT D'EAU, FILM DE TRANSFERT POUR IMPRESSION PAR TRANSFERT D'EAU, ENCRE POUR FILM DE TRANSFERT ET PRODUIT IMPRIME PAR TRANSFERT D'EAU**
[72] IKEDA, WATARU, JP
[72] TOMIKI, AKIKO, JP
[71] TAICA CORPORATION, JP
[85] 2013-06-27
[86] 2012-01-13 (PCT/JP2012/050567)
[87] (WO2012/099007)
[30] JP (2011-009786) 2011-01-20

[21] **2,823,328**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **IMPROVED SURGICAL IMPLANT DEVICES AND METHODS FOR THEIR MANUFACTURE AND USE**
[54] **DISPOSITIFS D'IMPLANT CHIRURGICAUX AMELIORES ET LEURS PROCEDES DE FABRICATION**
[72] CARTLEDGE, RICHARD G., US
[72] CARTLEDGE, JOHN P., US
[72] GASKINS, RALPH E., JR., US
[71] VASINTEC, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067695)
[87] (WO2012/092408)
[30] US (61/428,114) 2010-12-29
[30] US (13/339,236) 2011-12-28

[21] **2,823,330**
[13] A1
[51] **Int.Cl. H04W 4/06 (2009.01) H04W 4/08 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DELIVERING MEDIA TO A PLURALITY OF MOBILE DEVICES IN A CELL WITH A GROUP TRANSPORT FUNCTION**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DISTRIBUER UN CONTENU MULTIMEDIA A UNE PLURALITE DE DISPOSITIFS MOBILES DANS UNE CELLULE AYANT UNE FONCTION DE TRANSPORT GROUPE**
[72] MAROCCHI, JAMES A., US
[72] MILLER, TRENT J., US
[72] MONKS, DEBORAH J., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067715)
[87] (WO2012/092419)
[30] US (61/428,972) 2010-12-31
[30] US (13/184,691) 2011-07-18

[21] **2,823,332**
[13] A1
[51] **Int.Cl. C10G 9/32 (2006.01) B01J 8/18 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND APPARATUS FOR LIFT GAS DISTRIBUTION**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR DISTRIBUTION DE GAZ DE LEVAGE**
[72] PAVEL, STEPHEN K., US
[72] SILVERMAN, MICHAEL A., US
[72] KALOTA, STEVEN A., US
[71] IVANHOE ENERGY INC., CA
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067985)
[87] (WO2012/092522)
[30] US (61/428,122) 2010-12-29

[21] **2,823,334**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12Q 1/68 (2006.01) C40B 40/10 (2006.01) G01N 30/72 (2006.01) G01N 33/483 (2006.01) G01N 33/68 (2006.01) G01N 33/74 (2006.01) C12Q 1/37 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **PROTEIN BIOMARKERS OF RECURRENT BREAST CANCER**
[54] **BIOMARQUEURS PROTEIQUES DE CANCER DU SEIN RECURRENT**
[72] KRIZMAN, DAVID B., US
[72] DARFLER, MARLENE M., US
[72] CONRADS, THOMAS P., US
[72] HOOD, BRIAN L., US
[72] BATEMAN, NICHOLAS W., US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067996)
[87] (WO2012/092529)
[30] US (61/428,145) 2010-12-29

[21] **2,823,335**
[13] A1
[51] **Int.Cl. B01L 3/02 (2006.01) C12M 1/26 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **EXTRACTION PIPETTE**
[54] **PIPETTE D'EXTRACTION**
[72] PAWLOWSKI, DAVID R., US
[71] CUBRC CORPORATION, US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067908)
[87] (WO2012/092498)
[30] US (61/427,874) 2010-12-29

[21] **2,823,337**
[13] A1
[51] **Int.Cl. G01N 33/483 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12Q 1/68 (2006.01) C40B 40/10 (2006.01) G01N 30/72 (2006.01) G01N 33/487 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **HER3 PROTEIN SRM/MRM ASSAY**
[54] **ANALYSE PAR SRM/MRM DE PROTEINES HER3**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067998)
[87] (WO2012/092531)
[30] US (61/428,147) 2010-12-29

[21] **2,823,339**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12Q 1/68 (2006.01) C40B 40/10 (2006.01) G01N 30/72 (2006.01) G01N 33/483 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **PROTEIN BIOMARKERS OF LATE STAGE BREAST CANCER**
[54] **BIOMARQUEURS PROTEIQUES DU CANCER DU SEIN DE STADE TARDIF**
[72] KRIZMAN, DAVID B., US
[72] DARFLER, MARLENE M., US
[72] CONRADS, THOMAS P., US
[72] HOOD, BRIAN L., US
[72] BATEMAN, NICHOLAS W., US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/068000)
[87] (WO2012/092532)
[30] US (61/428,160) 2010-12-29

[21] **2,823,341**
[13] A1
[51] **Int.Cl. B01J 4/00 (2006.01) B01J 19/26 (2006.01)**
[25] EN
[54] **IMPROVED REACTOR FEED NOZZLES**
[54] **BUSES D'ALIMENTATION DE REACTEUR AMELIOREES**
[72] SILVERMAN, MICHAEL A., US
[72] PAVEL, STEPHEN K., US
[72] KALOTA, STEVEN A., US
[71] IVANHOE ENERGY INC., CA
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067973)
[87] (WO2012/092520)
[30] US (61/428,104) 2010-12-29

[21] **2,823,342**
[13] A1
[51] **Int.Cl. C09J 103/04 (2006.01) C08G 59/66 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **STRUCTURAL HYBRID ADHESIVES**
[54] **ADHESIFS HYBRIDES STRUCTURAUX**
[72] SALNIKOV, DMITRIY, US
[72] KROPP, MICHAEL A., US
[72] GORODISHER, ILYA, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-06-27
[86] 2011-12-28 (PCT/US2011/067513)
[87] (WO2012/092332)
[30] US (61/428,037) 2010-12-29

[21] **2,823,343**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01) H04W 4/02 (2009.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **GEO-LOCATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GEOLOCALISATION**
[72] MONTOYA, DAVID, US
[72] YARDENY, HAGAI, US
[71] MONTOYA, DAVID, US
[71] YARDENY, HAGAI, US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067983)
[87] (WO2012/094235)
[30] US (61/429,433) 2011-01-03

[21] **2,823,346**
[13] A1
[51] **Int.Cl. G06F 17/40 (2006.01) G06F 17/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **INFORMATION PROCESSING USING A POPULATION OF DATA ACQUISITION DEVICES**
[54] **TRAITEMENT D'INFORMATIONS A L'AIDE D'UNE POPULATION DE DISPOSITIFS D'ACQUISITION DE DONNEES**
[72] GOLDSTEIN, STEVEN W., US
[71] AMBIENTZ, US
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068103)
[87] (WO2012/092562)
[30] US (61/428,369) 2010-12-30
[30] US (61/431,507) 2011-01-11

[21] **2,823,347**
[13] A1
[51] **Int.Cl. B28B 19/00 (2006.01) B05C 5/02 (2006.01)**
[25] EN
[54] **SLURRY DISTRIBUTOR, SYSTEM AND METHOD FOR USING SAME**
[54] **DISTRIBUTEUR DE PATE, SYSTEME ET PROCEDE POUR SON UTILISATION**
[72] LI, ALFRED, US
[72] LEE, CHRIS C., US
[72] NELSON, CHRIS, US
[72] CHAN, CESAR, US
[72] SONG, WEIXIN DAVID, US
[72] WITTBOLD, JAMES, US
[72] SCHENCK, RONALD E., US
[72] LORING, CURT, US
[72] RAGO, WILLIAM, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068167)
[87] (WO2012/092582)
[30] US (61/428,706) 2010-12-30
[30] US (61/428,736) 2010-12-30
[30] US (61/550,827) 2011-10-24
[30] US (61/550,857) 2011-10-24
[30] US (61/550,873) 2011-10-24

[21] **2,823,348**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/10 (2011.01) G06F 19/24 (2011.01) C40B 30/00 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **MOLECULAR PROFILING FOR CANCER**
[54] **PROFILAGE MOLECULAIRE POUR LE CANCER**
[72] ALARCON, ARLET, US
[72] ARGUELLO, DAVID, US
[72] BASU, GARGI, US
[72] KEMKES, ARIANE, US
[72] FELDMAN, REBECCA A., US
[72] LOESCH, DAVID M., US
[71] CARIS MPI, INC., US
[85] 2013-06-27
[86] 2011-12-28 (PCT/US2011/067527)
[87] (WO2012/092336)
[30] US (61/427,788) 2010-12-28

[21] **2,823,350**
[13] A1
[51] **Int.Cl. B24D 3/20 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **JOINT TAPE AND ABRASIVE ARTICLES PREPARED WITH SAME**
[54] **BANDE A JOINT ET ARTICLES ABRASIFS PREPARES A PARTIR DE CELLE-CI**
[72] HERBERT, CHARLES G., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068250)
[87] (WO2012/092620)
[30] US (61/428,781) 2010-12-30

[21] **2,823,354**
[13] A1
[51] **Int.Cl. B02C 4/28 (2006.01)**
[25] EN
[54] **CRUSHING BODY AND METHOD OF MAKING THE SAME**
[54] **CORPS DE BROYAGE ET SON PROCEDEDE FABRICATION**
[72] SHARMAN, DAVID, US
[71] FLSMIDTH A/S, DK
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067727)
[87] (WO2012/092427)
[30] US (61/427,821) 2010-12-29

[21] **2,823,355**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) B82Y 5/00 (2011.01) B05D 7/00 (2006.01) A61K 31/436 (2006.01)**
[25] EN
[54] **NANOPARTICLE AND SURFACE-MODIFIED PARTICULATE COATINGS, COATED BALLOONS, AND METHODS THEREFORE**
[54] **NANOPARTICULES ET REVETEMENTS PARTICULAIRES MODIFIES EN SURFACE, BALLONNETS REVETUS ET PROCEDES ASSOCIES**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, CHARLES DOUGLAS, US
[72] ZANI, BRETT G., US
[72] KIORPES, TIMOTHY CHARLES, US
[71] MICELL TECHNOLOGIES, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067921)
[87] (WO2012/092504)
[30] US (61/428,785) 2010-12-30

[21] **2,823,356**
[13] A1
[51] **Int.Cl. B28B 19/00 (2006.01) B05C 5/02 (2006.01)**
[25] EN
[54] **SLURRY DISTRIBUTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE SUSPENSION**
[72] LI, ALFRED, US
[72] LEE, CHRIS C., US
[72] NELSON, CHRIS, US
[72] CHAN, CESAR, US
[72] SONG, WEIXIN DAVID, US
[72] WITTBOLD, JAMES, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068033)
[87] (WO2012/092534)
[30] US (61/428,736) 2010-12-30
[30] US (61/428,706) 2010-12-30
[30] US (61/550,827) 2011-10-24

[21] **2,823,360**
[13] A1
[51] **Int.Cl. G06K 7/10 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **VISUALIZING AND AUDITING ELECTIONS AND ELECTION RESULTS**
[54] **VISUALISATION ET VERIFICATION D'ELECTIONS ET DE RESULTATS D'ELECTIONS**
[72] MOORE, LARRY, US
[72] O'REILLY, DANIEL F.X., US
[71] CLEAR BALLOT GROUP, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067742)
[87] (WO2012/092434)
[30] US (61/428,153) 2010-12-29
[30] US (13/116,874) 2011-05-26
[30] US (13/116,884) 2011-05-26

[21] **2,823,362**
[13] A1
[51] **Int.Cl. A44C 5/10 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE JEWELRY SEGMENTS**
[54] **SEGMENTS DE BIJOUTERIE INTERCHANGEABLES**
[71] MUNGI BANDS LLC, US
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068070)
[87] (WO2012/092548)
[30] US (61/429,075) 2010-12-31

[21] **2,823,367**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **NUCLEIC ACID MOLECULES THAT TARGET THE RHO1 SMALL GTP-BINDING PROTEIN AND CONFER RESISTANCE TO COLEOPTERAN PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE QUI CIBLENT LA PETITE PROTEINE RHO1 LIANT LE GTP ET CONFERENT UNE RESISTANCE A DES COLEOPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] LI, HUARONG, US
[72] GENG, CHAOXIAN, US
[72] LARRINUA, IGNACIO, US
[72] OLSON, MONICA BRITT, US
[72] ELANGO, NAVIN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068188)
[87] (WO2012/092596)
[30] US (61/428,688) 2010-12-30

[21] **2,823,371**
[13] A1
[51] **Int.Cl. B24D 3/20 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ABRASIVE ARTICLE AND METHOD OF FORMING**
[54] **ARTICLE ABRASIF ET PROCEDE DE FORMATION**
[72] TIAN, YINGGANG, US
[72] KHAUND, ARUP K., US
[72] SUBRAMANIAN, KRISHNAMOORTHY, US
[72] PEARLMAN, JOHN, US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068240)
[87] (WO2012/092614)
[30] US (61/428,308) 2010-12-30

[21] **2,823,374**
[13] A1
[51] **Int.Cl. B24D 3/24 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **IMIDE CROSS-LINKED BINDERS FOR ABRASIVE ARTICLES**
[54] **LIANTS RETICULES A UN IMIDE POUR ARTICLES ABRASIFS**
[72] HERBERT, CHARLES G., US
[71] SAINT-GOBAIN ABRASIFS, FR
[71] SAINT-GOBAIN ABRASIVES, INC., US
[85] 2013-06-27
[86] 2011-12-30 (PCT/US2011/068248)
[87] (WO2012/092618)
[30] US (61/428,775) 2010-12-30

[21] **2,823,377**
[13] A1
[51] **Int.Cl. A47L 13/20 (2006.01)**
[25] EN
[54] **ALL SURFACE CLEANROOM MOP**
[54] **BALAI A FRANGES POUR LAVER TOUTES LES SURFACES D'UNE SALLE BLANCHE**
[72] PISACANE, FERDINAND FREDERICK, US
[71] FOAMTEC INTERNATIONAL CO., LTD., US
[85] 2013-06-27
[86] 2011-12-31 (PCT/US2011/068268)
[87] (WO2012/092621)
[30] US (61/429,031) 2010-12-31

[21] **2,823,378**
[13] A1
[51] **Int.Cl. A61M 25/16 (2006.01)**
[25] EN
[54] **BLOCKSTENT DEVICE AND METHOD OF USE**
[54] **DISPOSITIF D'ENDOPROTHESE-BLOC ET SES PROCEDE D'UTILISATION**
[72] FRANANO, F. NICHOLAS, US
[72] STEPHENSON, KATHERINE, US
[71] NOVITA THERAPEUTICS, LLC, US
[85] 2013-06-27
[86] 2012-01-17 (PCT/US2012/000030)
[87] (WO2012/099704)
[30] US (61/433,305) 2011-01-17

[21] **2,823,384**
[13] A1
[51] **Int.Cl. B65D 30/00 (2006.01) B32B 27/20 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **PEELABLE SEALANT CONTAINING THERMOPLASTIC COMPOSITE BLENDS FOR PACKAGING APPLICATIONS**
[54] **ADHESIF DETACHABLE CONTENANT DES MELANGES COMPOSITES THERMOPLASTIQUES POUR DES APPLICATIONS D'EMBALLAGE**
[72] LIANG, YING, US
[72] KINIGAKIS, PANAGIOTIS, US
[72] CHEUNG, YUNWA W., US
[72] JONES, ALEXANDER D., US
[72] ROSSI, FRANCIS J., US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-06-27
[86] 2012-01-03 (PCT/US2012/020023)
[87] (WO2012/094281)
[30] US (12/983,732) 2011-01-03

[21] **2,823,385**
[13] A1
[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **HEDGEHOG ANTAGONISTS HAVING ZINC BINDING MOIETIES**
[54] **ANTAGONISTES HEDGEHOG AYANT DES FRAGMENTS DE LIAISON AU ZINC**
[72] CAI, XIONG, US
[72] QIAN, CHANGGENG, US
[72] ZHAI, HAIXIAO, US
[71] CURIS, INC., US
[71] GENENTECH, INC., US
[85] 2013-06-27
[86] 2012-01-03 (PCT/US2012/020092)
[87] (WO2012/094328)
[30] US (61/429,350) 2011-01-03
[30] US (61/564,549) 2011-11-29

[21] **2,823,386**
[13] A1
[51] **Int.Cl. E21B 4/00 (2006.01)**
[25] EN
[54] **PRESSURE COMPENSATION SYSTEM FOR AN OIL-SEALED MUD MOTOR BEARING ASSEMBLY**
[54] **SYSTEME DE COMPENSATION DE PRESSION POUR UN ENSEMBLE DE ROULEMENTS A JOINT D'HUILE POUR MOTEUR A BOUE**
[72] MARCHAND, NICHOLAS, CA
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-06-27
[86] 2012-01-05 (PCT/US2012/020279)
[87] (WO2012/094460)
[30] US (12/985,703) 2011-01-06

[21] **2,823,387**
[13] A1
[51] **Int.Cl. A47C 27/15 (2006.01)**
[25] EN
[54] **MATTRESSES WITH REINFORCEMENT INSERTS AND DENSIFIED STITCH ZONES**
[54] **MATELAS POURVUS DE GARNITURES DE RENFORCEMENT ET DE ZONES DE COUTURES DE PLUS HAUTE DENSITE**
[72] MORET, DAVID M., US
[72] BEAMON, JAMES A., US
[71] SEALY TECHNOLOGY LLC, US
[85] 2013-06-27
[86] 2012-01-05 (PCT/US2012/020291)
[87] (WO2012/094468)
[30] US (12/985,415) 2011-01-06

[21] **2,823,388**
[13] A1
[51] **Int.Cl. G06F 3/0488 (2013.01) H04N 21/432 (2011.01) H04N 21/472 (2011.01) H04N 5/775 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GESTURE BASED CONTROLS**
[54] **PROCEDE ET APPAREIL POUR DES COMMANDES A BASE DE GESTES**
[72] HAYES, ROBIN, US
[71] TIVO INC., US
[85] 2013-06-27
[86] 2012-01-05 (PCT/US2012/020306)
[87] (WO2012/094479)
[30] US (12/986,054) 2011-01-06
[30] US (12/986,060) 2011-01-06

[21] **2,823,391**
[13] A1
[51] **Int.Cl. B01J 29/86 (2006.01) B01J 21/04 (2006.01) B01J 35/00 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) B01J 37/08 (2006.01) C07C 5/27 (2006.01) C07C 15/08 (2006.01)**
[25] EN
[54] **METHOD OF MAKING AND USING A HYDROCARBON CONVERSION CATALYST**
[54] **PROCEDE DE FABRICATION ET D'UTILISATION D'UN CATALYSEUR DE CONVERSION D'HYDROCARBURES**
[72] AMELSE, JEFFREY, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-06-27
[86] 2012-01-11 (PCT/US2012/020916)
[87] (WO2012/097050)
[30] US (61/432,018) 2011-01-12

[21] **2,823,396**
[13] A1
[51] **Int.Cl. G06F 17/22 (2006.01) G06F 17/21 (2006.01) G06K 9/20 (2006.01)**
[25] EN
[54] **STORAGE OF A DOCUMENT USING MULTIPLE REPRESENTATIONS**
[54] **STOCKAGE D'UN DOCUMENT AU MOYEN DE REPRESENTATIONS MULTIPLES**
[72] MANSFIELD, PHILIP ANDREW, CA
[72] LEVY, MICHAEL ROBERT, CA
[71] APPLE INC., US
[85] 2013-06-27
[86] 2012-01-13 (PCT/US2012/021386)
[87] (WO2012/099802)
[30] US (61/433,963) 2011-01-18
[30] US (61/433,951) 2011-01-18
[30] US (13/106,813) 2011-05-12

[21] **2,823,397**
[13] A1
[51] **Int.Cl. A61K 31/7076 (2006.01) A61K 31/00 (2006.01) A61K 31/045 (2006.01) A61K 31/12 (2006.01) A61K 31/122 (2006.01) A61K 31/135 (2006.01) A61K 31/145 (2006.01) A61K 31/155 (2006.01) A61K 31/202 (2006.01) A61K 31/341 (2006.01) A61K 31/352 (2006.01) A61K 31/353 (2006.01) A61K 31/36 (2006.01) A61K 31/365 (2006.01) A61K 31/4164 (2006.01) A61K 31/4709 (2006.01) A61K 31/472 (2006.01) A61K 31/4741 (2006.01) A61K 31/4745 (2006.01) A61K 31/4748 (2006.01) A61K 31/4965 (2006.01) A61K 31/575 (2006.01) A61K 31/58 (2006.01) A61K 31/7004 (2006.01) A61K 31/7016 (2006.01) A61K 31/7032 (2006.01) A61K 31/704 (2006.01) A61K 31/7048 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES**
[54] **TRAITEMENTS A BASE DE LIGAND DE RECEPTEUR CHIMIOSENSORIEL**
[72] BARON, ALAIN D., US
[72] BROWN, MARTIN R., US
[72] JONES, CHRISTOPHER R. G., US
[72] BEELEY, NIGEL R. A., US
[72] FINEMAN, MARK S., US
[71] ELCELYX THERAPEUTICS, INC., US
[85] 2013-06-27
[86] 2012-01-06 (PCT/US2012/020548)
[87] (WO2012/094636)
[30] US (61/430,914) 2011-01-07

[21] **2,823,399**
[13] A1
[51] **Int.Cl. B01D 35/153 (2006.01)**
[25] EN
[54] **FILTER ELEMENT WAVE SEAL GLAND**
[54] **JOINT D'ETANCHEITE A ONDULATION D'ELEMENT DE FILTRE**
[72] RAPIN, DANIEL P., US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2013-06-27
[86] 2012-01-10 (PCT/US2012/020697)
[87] (WO2012/099742)
[30] US (61/433,611) 2011-01-18

[21] **2,823,400**
[13] A1
[51] **Int.Cl. C11D 7/02 (2006.01) A47L 1/15 (2006.01) A47L 13/17 (2006.01) B08B 1/00 (2006.01) B08B 13/00 (2006.01) C11D 17/06 (2006.01)**
[25] EN
[54] **HAND-HELD CLEANING APPARATUS FOR TOUCH SCREENS**
[54] **APPAREIL DE NETTOYAGE MANUEL POUR ECRANS TACTILES**
[72] MEURRENS, PETER, CA
[71] PARKSIDE OPTICAL INC., CA
[85] 2013-06-28
[86] 2010-12-31 (PCT/CA2010/002083)
[87] (WO2012/088581)

[21] **2,823,401**
[13] A1
[51] **Int.Cl. A61K 31/496 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS**
[54] **COMPOSES ET COMPOSITIONS THERAPEUTIQUES**
[72] SALITURO, FRANCESCO G., US
[72] SAUNDERS, JEFFREY O., US
[72] YAN, SHUNQI, US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067752)
[87] (WO2012/092442)
[30] US (61/428,030) 2010-12-29

[21] **2,823,402**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MANAGING INVENTORY**
[54] **PROCEDE, SYSTEME ET APPAREIL PERMETTANT DE GERER UN INVENTAIRE**
[72] BAILEY, IAN, CA
[72] KIRBY, SEAN, CA
[72] WONG, KEVIN, CA
[72] YUEN, JASON, CA
[71] NULOGY CORPORATION, CA
[85] 2013-06-28
[86] 2011-12-22 (PCT/CA2011/001389)
[87] (WO2012/088587)
[30] US (12/983,060) 2010-12-31

[21] **2,823,404**
[13] A1
[51] **Int.Cl. C12N 1/19 (2006.01) C12N 9/02 (2006.01) C12N 15/53 (2006.01) C12P 7/44 (2006.01)**
[25] EN
[54] **BIOLOGICAL METHODS FOR PREPARING ADIPIC ACID**
[54] **PROCEDES BIOLOGIQUES POUR PREPARER DE L'ACIDE ADIPIQUE**
[72] PICATAGGIO, STEPHEN, US
[72] BEARDSLEE, TOM, US
[71] VERDEZYNE, INC., US
[85] 2013-06-27
[86] 2012-01-04 (PCT/US2012/020230)
[87] (WO2012/094425)
[30] US (61/430,097) 2011-01-05
[30] US (61/482,160) 2011-05-03

[21] **2,823,405**
[13] A1
[51] **Int.Cl. G06N 5/02 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING A KNOWLEDGE REPRESENTATION TO PROVIDE INFORMATION BASED ON ENVIRONMENTAL INPUTS**
[54] **SYSTEME ET PROCEDE POUR UTILISER UNE REPRESENTATION DE CONNAISSANCES AFIN DE FOURNIR UNE INFORMATION BASEE SUR DES ENTREES ENVIRONNEMENTALES**
[72] ILYAS, IHAB FRANCIS, CA
[72] HUNT, ANNE JUDE, US
[72] KHAN, NAIM, CA
[72] SWEENEY, PETER, CA
[71] PRIMAL FUSION INC., CA
[85] 2013-06-28
[86] 2011-12-30 (PCT/CA2011/001402)
[87] (WO2012/088590)
[30] US (61/428,676) 2010-12-30
[30] US (61/428,435) 2010-12-30
[30] US (61/428,445) 2010-12-30
[30] US (61/428,598) 2010-12-30
[30] US (61/428,687) 2010-12-30
[30] US (61/430,090) 2011-01-05
[30] US (61/430,138) 2011-01-05
[30] US (61/430,141) 2011-01-05
[30] US (61/430,143) 2011-01-05
[30] US (13/162,069) 2011-06-16
[30] US (13/340,820) 2011-12-30
[30] US (13/340,792) 2011-12-30

[21] **2,823,406**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING A SEMANTIC OPERATION ON A DIGITAL SOCIAL NETWORK**
[54] **SYSTEME ET PROCEDE DE REALISATION D'UNE OPERATION SEMANTIQUE SUR UN RESEAU SOCIAL NUMERIQUE**
[72] ILYAS, IHAB FRANCIS, CA
[72] KHAN, NAIM, CA
[72] SWEENEY, PETER, CA
[71] PRIMAL FUSION INC., CA
[85] 2013-06-28
[86] 2011-12-30 (PCT/CA2011/001403)
[87] (WO2012/088591)
[30] US (61/428,676) 2010-12-30
[30] US (61/428,435) 2010-12-30
[30] US (61/428,445) 2010-12-30
[30] US (61/428,607) 2010-12-30
[30] US (61/430,090) 2011-01-05
[30] US (61/430,138) 2011-01-05
[30] US (61/430,141) 2011-01-05
[30] US (61/430,143) 2011-01-05
[30] US (13/162,069) 2011-06-16
[30] US (13/340,820) 2011-12-30
[30] US (13/340,792) 2011-12-30

[21] **2,823,408**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04N 21/482 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PROVIDING INFORMATION OF INTEREST TO ONE OR MORE USERS**
[54] **PROCEDES ET APPAREIL DE FOURNITURE D'INFORMATIONS D'INTERET A UN OU PLUSIEURS UTILISATEURS**
[72] DUPUIS, JEAN-PAUL, CA
[72] ILYAS, IHAB FRANCIS, CA
[72] SWEENEY, PETER, CA
[72] YAMPOLSKA, NADIYA, CA
[71] PRIMAL FUSION INC., CA
[85] 2013-06-28
[86] 2012-01-04 (PCT/CA2012/000007)
[87] (WO2012/088611)
[30] US (61/428,676) 2010-12-30
[30] US (61/428,435) 2010-12-30
[30] US (61/428,445) 2010-12-30
[30] US (61/430,090) 2011-01-05
[30] US (61/430,138) 2011-01-05
[30] US (61/430,141) 2011-01-05
[30] US (61/430,143) 2011-01-05
[30] US (13/162,069) 2011-06-16
[30] US (13/340,792) 2011-12-30
[30] US (13/340,820) 2011-12-30

[21] **2,823,409**
[13] A1
[51] **Int.Cl. F25B 3/00 (2006.01)**
[25] EN
[54] **ASSEMBLY AND METHOD OF ATTACHING STUB SHAFT TO DRUM OF AXIAL COMPRESSOR ROTOR SHAFT**
[54] **ENSEMBLE ET PROCEDE DE FIXATION D'UN TOURILLON SUR UN TAMBOUR D'UN ARBRE DE ROTOR DE COMPRESSEUR AXIAL**
[72] WATSON, ANDREW PAUL, US
[71] ELLIOTT COMPANY, US
[85] 2013-06-27
[86] 2012-07-17 (PCT/US2012/047005)
[87] (WO2013/012836)
[30] US (61/509,262) 2011-07-19

[21] **2,823,416**
[13] A1
[51] **Int.Cl. B65D 19/32 (2006.01) B65D 19/34 (2006.01) B65D 19/38 (2006.01)**
[25] EN
[54] **METHOD OF FOLDING PALLET SUPPORTS**
[54] **PROCEDE DE PLIAGE DE SUPPORT DE PALETTE**
[72] LU, SHANG-WEN, TW
[71] PACKING BROTHER INTERNATIONAL CORP., VG
[85] 2013-03-20
[86] 2011-04-13 (PCT/CN2011/000651)
[87] (WO2012/037766)
[30] CN (PCT/CN2010/001455) 2010-09-21

[21] **2,823,419**
[13] A1
[51] **Int.Cl. E02D 27/01 (2006.01) E04B 1/00 (2006.01) E04B 2/00 (2006.01) E04C 2/20 (2006.01) E04C 2/24 (2006.01) E04C 2/296 (2006.01) E04C 2/38 (2006.01) E04C 3/29 (2006.01)**
[25] EN
[54] **BUILDING STUCTURE SYSTEMS**
[54] **SYSTEMES DE STRUCTURE DE BATIMENT**
[72] SCHIFFMANN, GLENN P., US
[72] SCHIFFMANN, GERHARD P., US
[72] WOJTUSIK, DANIEL, US
[71] COMPOSITE PANEL SYSTEMS, LLC, US
[85] 2013-04-04
[86] 2011-10-11 (PCT/US2011/001738)
[87] (WO2012/047303)
[30] US (61/404,793) 2010-10-08

[21] **2,823,420**
[13] A1
[51] **Int.Cl. G06N 5/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING AND SYNTHESIZING COMPLEX KNOWLEDGE REPRESENTATIONS**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER ET SYNTHETISER DES REPRESENTATIONS DE CONNAISSANCES COMPLEXES**
[72] ILYAS, IHAB FRANCIS, CA
[72] OLDFORD, WAYNE, CA
[72] SWEENEY, PETER, CA
[72] ZHOU, WU, CA
[71] PRIMAL FUSION INC., CA
[85] 2013-06-28
[86] 2012-01-06 (PCT/CA2012/000009)
[87] (WO2012/092669)
[30] US (61/430,836) 2011-01-07
[30] US (61/430,810) 2011-01-07
[30] US (61/471,964) 2011-04-05
[30] US (61/498,899) 2011-06-20
[30] US (13/165,423) 2011-06-21
[30] US (61/532,330) 2011-09-08

[21] **2,823,421**
[13] A1
[51] **Int.Cl. F24F 12/00 (2006.01) F24D 5/12 (2006.01) F24D 17/02 (2006.01) F24F 3/147 (2006.01) F24H 4/06 (2006.01) F25B 29/00 (2006.01)**
[25] EN
[54] **HEAT PUMP SYSTEM HAVING A PRE-PROCESSING MODULE**
[54] **SYSTEME POMPE A CHALEUR POSSEDANT UN MODULE DE TRAITEMENT PREALABLE**
[72] GERBER, MANFRED, CA
[72] RONG, CAN WEN, CA
[71] VENMAR, CES INC., CA
[85] 2013-06-28
[86] 2012-01-18 (PCT/CA2012/000055)
[87] (WO2012/097445)
[30] US (13/009,222) 2011-01-19
[30] US (13/350,902) 2012-01-16

[21] **2,823,422**
[13] A1
[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/02 (2006.01) A61K 36/28 (2006.01) A61K 36/481 (2006.01) A61K 36/64 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **ANTI-AGING CHINESE HERBAL MEDICINE COMPOSITION, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSITION DE PLANTES MEDICINALES CHINOISES TRADITIONNELLES ANTI-VIEILLISSEMENT, SA METHODE D'ELABORATION ET SON UTILISATION**
[72] ZHU, LE, CN
[72] XIONG, WEIGUO, CN
[72] CHEN, MO, CN
[72] CHENG, KANG, CN
[72] ZHAO, YA, CN
[72] YAN, SHUXIAN, CN
[72] REN, JIE, CN
[72] XIANG, HONGLEI, CN
[72] FANG, CHENG, CN
[72] LV, LUO, CN
[72] WEI, SHAOMIN, CN
[71] SHANGHAI JAHWA UNITED CO., LTD., CN
[85] 2013-06-28
[86] 2011-12-27 (PCT/CN2011/084734)
[87] (WO2012/089101)
[30] CN (201010621920.7) 2010-12-31

[21] **2,823,423**
[13] A1
[51] **Int.Cl. A61K 36/8984 (2006.01) A61K 8/02 (2006.01) A61K 8/04 (2006.01) A61K 8/97 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/08 (2006.01) A61K 9/14 (2006.01) A61K 36/804 (2006.01) A61K 36/8945 (2006.01) A61K 36/8965 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **MOISTURIZING CHINESE HERBAL MEDICINE COMPOSITION, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSITION DE PHYTOTHERAPIE CHINOISE A RETENTION D'HUMIDITE ET SON PROCEDE DE PREPARATION ET D'UTILISATION**
[72] CHENG, KANG, CN
[72] CHEN, MO, CN
[72] ZHU, LE, CN
[72] XIONG, WEIGUO, CN
[72] ZHAO, YA, CN
[72] FANG, CHENG, CN
[72] LV, LUO, CN
[72] WEI, SHAOMIN, CN
[71] SHANGHAI JAHWA UNITED CO., LTD., CN
[85] 2013-06-28
[86] 2011-12-27 (PCT/CN2011/084772)
[87] (WO2012/089115)
[30] CN (201010621928.3) 2010-12-31

[21] **2,823,425**
[13] A1
[51] **Int.Cl. F16L 53/00 (2006.01) H05B 3/56 (2006.01)**
[25] EN
[54] **CABLE WITH SOFT CORE FOR DIRECT ELECTRICAL HEATING OF SUBSEA PIPELINE**
[54] **CABLE DOTE D'UNE AME SOUPLE POUR LE CHAUFFAGE ELECTRIQUE DIRECT D'UN PIPELINE SOUS-MARIN**
[72] BORNES, ATLE HARALD, NO
[72] TIMOSHENKO, ANNA, NO
[72] TJALAND, EVEN, NO
[72] ENDAL, GEIR, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2013-06-28
[86] 2010-12-29 (PCT/EP2010/070863)
[87] (WO2012/089249)

[21] **2,823,426**
[13] A1
[51] **Int.Cl. F24B 1/18 (2006.01) F24B 5/02 (2006.01)**
[25] EN
[54] **A FIREPLACE**
[54] **CHEMINEE**
[72] ZHU, HONGFENG, CN
[72] WANG, ZHUHONG, CN
[71] ZHU, HONGFENG, CN
[71] WANG, ZHUHONG, CN
[85] 2013-06-28
[86] 2010-12-28 (PCT/CN2010/080347)
[87] (WO2012/088658)

[21] **2,823,427**
[13] A1
[51] **Int.Cl. B41J 3/407 (2006.01) B41J 11/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRINTING SURFACES OF MATERIAL PANELS, ESPECIALLY WOOD PANELS, WITH A MULTI-COLOR IMAGE**
[54] **DISPOSITIF ET PROCEDE POUR IMPRIMER UNE IMAGE POLYCHROME SUR DES SURFACES DE PANNEAUX DE MATERIAU, NOTAMMENT DES PANNEAUX DE BOIS**
[72] PETER, THOMAS, DE
[72] GRIESDORN, MARTIN, DE
[72] SATTLER, SVEN, DE
[72] SOLAWA, THILO, DE
[71] DIEFFENBACHER SYSTEM-AUTOMATION GMBH, DE
[85] 2013-06-28
[86] 2011-02-17 (PCT/EP2011/000769)
[87] (WO2011/101144)
[30] DE (10 2010 008 295.3) 2010-02-17

[21] **2,823,428**
[13] A1
[51] **Int.Cl. F24H 1/28 (2006.01) F24H 9/00 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **A BOILER**
[54] **CHAUDIERE**
[72] ZHU, HONGFENG, CN
[72] WANG, ZHUHONG, CN
[71] ZHU, HONGFENG, CN
[71] WANG, ZHUHONG, CN
[85] 2013-06-28
[86] 2010-12-28 (PCT/CN2010/080351)
[87] (WO2012/088660)

[21] **2,823,431**
[13] A1
[51] **Int.Cl. F23L 7/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED COMBUSTION PROCESS AND BURNER**
[54] **PROCESSUS DE COMBUSTION DISTRIBUEE ET BRULEUR**
[72] KANG, TAEKYU, US
[72] GAUTAM, VIVEK, US
[72] PRABHAKAR, RAJEEV S., US
[72] GRAND, BENOIT, FR
[72] LEROUX, BERTRAND, FR
[72] MORTBERG, MAGNUS, DE
[72] DOCQUIER, NICOLAS, US
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE, FR
[85] 2013-06-27
[86] 2011-12-21 (PCT/US2011/066527)
[87] (WO2012/092069)
[30] US (12/982,818) 2010-12-30

[21] **2,823,432**
[13] A1
[51] **Int.Cl. B41J 3/28 (2006.01) B41J 2/165 (2006.01) B41J 3/407 (2006.01) B41J 11/06 (2006.01) B41J 19/20 (2006.01) B41J 25/304 (2006.01) B41J 25/308 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRINTING SURFACES OF MATERIAL PANELS, ESPECIALLY WOOD PANELS, WITH A MULTI-COLOR IMAGE**
[54] **DISPOSITIF ET PROCEDE POUR IMPRIMER UNE IMAGE POLYCHROME SUR DES SURFACES DE PANNEAUX DE MATERIAU, NOTAMMENT DES PANNEAUX DE BOIS**
[72] PETER, THOMAS, DE
[72] GRIESDORN, MARTIN, DE
[72] SATTLER, SVEN, DE
[72] SOLAWA, THILO, DE
[71] DIEFFENBACHER SYSTEM-AUTOMATION GMBH, DE
[85] 2013-06-28
[86] 2011-02-17 (PCT/EP2011/000771)
[87] (WO2011/101146)
[30] DE (10 2010 008 295.3) 2010-02-17

[21] **2,823,433**
[13] A1
[51] **Int.Cl. B41J 3/28 (2006.01) B41J 2/165 (2006.01) B41J 3/407 (2006.01) B41J 11/00 (2006.01) B41J 11/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRINTING SURFACES OF MATERIAL PANELS, ESPECIALLY WOOD PANELS, WITH A MULTI-COLOR IMAGE**
[54] **DISPOSITIF ET PROCEDE POUR IMPRIMER UNE IMAGE POLYCHROME SUR DES SURFACES DE PANNEAUX DE MATERIAU, NOTAMMENT DES PANNEAUX DE BOIS**
[72] PETER, THOMAS, DE
[72] GRIESDORN, MARTIN, DE
[72] SATTLER, SVEN, DE
[72] SOLAWA, THILO, DE
[71] DIEFFENBACHER SYSTEM-AUTOMATION GMBH, DE
[85] 2013-06-28
[86] 2011-02-17 (PCT/EP2011/000772)
[87] (WO2011/101147)
[30] DE (10 2010 008 295.3) 2010-02-17

[21] **2,823,434**
[13] A1
[51] **Int.Cl. G09F 13/04 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL METALLIC CHARACTER AND MANUFACTURING METHOD THEREOF**
[54] **CARACTERE METALLIQUE EN TROIS DIMENSIONS ET SON PROCEDE DE FABRICATION**
[72] SHEN, XINGHUA, CN
[71] WU JIANG YU XING METAL ART DECORATION CO., LTD., CN
[85] 2013-06-28
[86] 2011-08-25 (PCT/CN2011/001420)
[87] (WO2012/088742)
[30] CN (201010623786.4) 2010-12-31

[21] **2,823,435**
[13] A1
[51] **Int.Cl. B41J 25/304 (2006.01) B41J 3/28 (2006.01) B41J 3/407 (2006.01) B41J 11/06 (2006.01) B41J 19/20 (2006.01) B41J 25/308 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRINTING SURFACES OF MATERIAL PANELS, ESPECIALLY WOOD PANELS, WITH A MULTI-COLOR IMAGE**
[54] **DISPOSITIF ET PROCEDE POUR IMPRIMER UNE IMAGE POLYCHROME SUR DES SURFACES DE PANNEAUX DE MATERIAU, NOTAMMENT DES PANNEAUX DE BOIS**
[72] PETER, THOMAS, DE
[72] GRIESDORN, MARTIN, DE
[72] SATTLER, SVEN, DE
[72] SOLAWA, THILO, DE
[71] DIEFFENBACHER SYSTEM-AUTOMATION GMBH, DE
[85] 2013-06-28
[86] 2011-02-17 (PCT/EP2011/000773)
[87] (WO2011/101148)
[30] DE (10 2010 008 295.3) 2010-02-17

[21] **2,823,437**
[13] A1
[51] **Int.Cl. B41J 3/28 (2006.01) B41J 2/21 (2006.01) B41J 3/407 (2006.01) B41J 11/06 (2006.01) B41J 19/20 (2006.01) B41J 25/304 (2006.01) B41J 25/308 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRINTING SURFACES OF MATERIAL PANELS, ESPECIALLY WOOD PANELS, WITH A MULTI-COLOR IMAGE**
[54] **DISPOSITIF ET PROCEDE POUR IMPRIMER UNE IMAGE POLYCHROME SUR DES SURFACES DE PANNEAUX DE MATERIAU, NOTAMMENT DES PANNEAUX DE BOIS**
[72] PETER, THOMAS, DE
[72] GRIESDORN, MARTIN, DE
[72] SATTLER, SVEN, DE
[72] SOLAWA, THILO, DE
[71] DIEFFENBACHER SYSTEM-AUTOMATION GMBH, DE
[85] 2013-06-28
[86] 2011-02-17 (PCT/EP2011/000776)
[87] (WO2011/101151)
[30] DE (10 2010 008 295.3) 2010-02-17

[21] **2,823,438**
[13] A1
[51] **Int.Cl. F23C 9/08 (2006.01) F23C 6/04 (2006.01) F23L 7/00 (2006.01)**
[25] EN
[54] **BOILER COMBUSTION SYSTEM AND OPERATION METHOD THEREFOR**
[54] **SYSTEME DE COMBUSTION POUR CHAUDIERE ET SON PROCEDE D'EXPLOITATION**
[72] WAKAMATSU, HITOSHI, JP
[72] MARUMOTO, TAKAHIRO, JP
[72] MINE, TOSHIHIKO, JP
[72] DERNJATIN, PAULI, FI
[71] FORTUM CORPORATION, FI
[71] BABCOCK-HITACHI KABUSHIKI KAISHA, JP
[85] 2013-03-21
[86] 2011-10-12 (PCT/JP2011/005701)
[87] (WO2012/049842)
[30] JP (2010-232213) 2010-10-15

[21] **2,823,440**
[13] A1
[51] **Int.Cl. G01N 33/02 (2006.01)**
[25] EN
[54] **DETERMINING LEVELS OF IMMUNOGENIC GLUTEN PEPTIDES IN HUMAN SAMPLES**
[54] **DETERMINATION DES TAUX DE PEPTIDES IMMUNOGENES DU GLUTEN DANS DES ECHANTILLONS HUMAINS**
[72] SOUSA MARTIN, CAROLINA, ES
[72] COMINO MONTILLA, ISABEL, ES
[72] REAL CALDERON, ANA, ES
[72] VIVAS ALEGRE, SANTIAGO, ES
[72] CEBOLLA RAMIREZ, ANGEL, ES
[71] UNIVERSIDAD DE SEVILLA, ES
[85] 2013-06-28
[86] 2011-12-28 (PCT/ES2011/000379)
[87] (WO2012/089868)
[30] ES (P201001633) 2010-12-28

[21] **2,823,441**
[13] A1
[51] **Int.Cl. F01C 1/344 (2006.01) F02B 41/04 (2006.01)**
[25] EN
[54] **ROTARY HEAT ENGINE**
[54] **MOTEUR THERMIQUE ROTATIF**
[72] GARCIA RODRIGUEZ, VICTOR, ES
[71] GARCIA RODRIGUEZ, VICTOR, ES
[85] 2013-06-28
[86] 2011-12-26 (PCT/ES2011/000374)
[87] (WO2012/089864)
[30] ES (P201032021) 2010-12-31

[21] **2,823,442**
[13] A1
[51] **Int.Cl. H03M 13/29 (2006.01) H03M 13/39 (2006.01) H03M 13/41 (2006.01)**
[25] FR
[54] **DECODING METHOD AND DECODER**
[54] **PROCEDE DE DECODAGE ET DECODEUR**
[72] PREVOST, RAOUL, FR
[72] BONACCI, DAVID, FR
[72] COULON, MARTIAL, FR
[72] TOURNERET, JEAN-YVES, FR
[72] LE MAITRE, JULIA, FR
[72] MILLERIOUX, JEAN-PIERRE, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES, FR
[85] 2013-06-25
[86] 2012-01-03 (PCT/EP2012/050046)
[87] (WO2012/093115)
[30] FR (1150018) 2011-01-03

[21] **2,823,443**
[13] A1
[51] **Int.Cl. B63B 35/08 (2006.01)**
[25] EN
[54] **WATERCRAFT WITH IMPROVED CHARACTERISTICS FOR TRAVEL IN ICE**
[54] **EMBARCATION AVEC CARACTERISTIQUES AMELIOREES DE NAVIGATION EN PRESENCE DE GLACE**
[72] RANKI, ERKKI, FI
[72] MATTSSON, TOM, FI
[72] VOCKE, MAXIMILIAN, FI
[71] AKER ARCTIC TECHNOLOGY OY, FI
[85] 2013-06-28
[86] 2011-12-20 (PCT/FI2011/051141)
[87] (WO2012/089917)
[30] FI (20106388) 2010-12-30

[21] **2,823,444**
[13] A1
[51] **Int.Cl. C10J 3/86 (2006.01) C10B 53/02 (2006.01) C10J 3/82 (2006.01) C10L 5/40 (2006.01) F22D 1/32 (2006.01)**
[25] EN
[54] **METHOD FOR UTILIZING THERMAL ENERGY OF PRODUCT GASES IN A BTL PLANT**
[54] **PROCEDE D'UTILISATION DE L'ENERGIE THERMIQUE DES GAZ EN PRODUIT DANS UNE USINE APPARTENANT A LA FILIERE BTL**
[72] KAUTTO, JORMA, FI
[72] VILJAKAINEN, OLLI-PEKKA, FI
[72] TIMONEN, MIKA, FI
[71] VAPO OY, FI
[85] 2013-06-28
[86] 2011-12-23 (PCT/FI2011/051154)
[87] (WO2012/095556)
[30] FI (20115038) 2011-01-14

[21] **2,823,451**
[13] A1
[51] **Int.Cl. G01S 19/07 (2010.01) G01S 19/05 (2010.01) G01S 19/25 (2010.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE TRACKING OF A DATA TRANSMISSION SIGNAL OF A SATELLITE NAVIGATION SYSTEM**
[54] **PROCEDE D'AMELIORATION DE LA POURSUITE D'UN SIGNAL DE TRANSMISSION DE DONNEES D'UN SYSTEME DE NAVIGATION PAR SATELLITES.**
[72] DAMIDAUX, JEAN-LOUIS, FR
[71] THALES, FR
[85] 2013-06-28
[86] 2011-12-06 (PCT/EP2011/071906)
[87] (WO2012/089452)
[30] FR (1005179) 2010-12-30

[21] **2,823,453**
[13] A1
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 39/00 (2006.01) A61K 39/385 (2006.01)**
[25] EN
[54] **FLUOROCARBON-LINKED PEPTIDE FORMULATION**
[54] **FORMULATION DE PEPTIDE LIE A UN FLUOROCARBONE**
[72] BROWN, CARLTON BRADLEY, GB
[72] GEORGES, BERTRAND VICTOR GILBERT, GB
[72] THABURET, JEAN FRANCOIS, GB
[71] IMMUNE TARGETING SYSTEMS (ITS) LTD, GB
[85] 2013-06-28
[86] 2011-12-30 (PCT/GB2011/001781)
[87] (WO2012/090002)
[30] GB (1022147.1) 2010-12-31

[21] **2,823,454**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **DEVICE FOR NON-INVASIVE, ELECTRICAL DEEP-BRAIN STIMULATION**
[54] **DISPOSITIF POUR LA STIMULATION ELECTRIQUE PROFONDE ET NON INVASIVE DU CERVEAU**
[72] PAULUS, WALTER, DE
[72] WARSCHEWSKE, UDO, DE
[71] EBS TECHNOLOGIES GMBH, DE
[85] 2013-06-28
[86] 2011-12-21 (PCT/EP2011/073619)
[87] (WO2012/089588)
[30] DE (10 2010 056 433.8) 2010-12-28
[30] DE (10 2011 120 213.0) 2011-12-05

[21] **2,823,456**
[13] A1
[51] **Int.Cl. C09D 191/00 (2006.01)**
[25] EN
[54] **HIGH ACID LARGE PARTICLE SIZE LATEX EMULSIONS, ENHANCED STABILIZATION OF HIGH ACID LARGE PARTICLE SIZE LATEX EMULSIONS, AND COATING COMPOSITIONS FORMED THEREFROM**
[54] **EMULSIONS LATEX A GROSSE TAILLE DE PARTICULES ET TENEUR EN ACIDE ELEVEE, STABILISATION AMELIOREE DES EMULSIONS LATEX A GROSSE TAILLE DE PARTICULES ET TENEUR EN ACIDE ELEVEE, ET COMPOSITIONS DE REVETEMENT FORMEES A PARTIR DE CELLES-CI**
[72] TELFORD, DAVID JAMES, US
[72] GARDNER, KENNETH JAMES, US
[72] ROBERTS, RYAN, SR., US
[72] WEIDENDORF, TIFFANY, US
[72] YANCEY, DENISE E., US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2013-06-21
[86] 2011-12-28 (PCT/EP2011/074117)
[87] (WO2012/089746)
[30] US (61/427,612) 2010-12-28
[30] EP (11154037.3) 2011-02-10

[21] **2,823,460**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHOD**
[54] **PROCEDE DIAGNOSTIQUE**
[72] GALLOWAY, DAVID, GB
[72] COLEMAN, NICK, GB
[71] CYTOSYSTEMS LIMITED, GB
[85] 2013-06-28
[86] 2012-01-06 (PCT/GB2012/000008)
[87] (WO2012/093251)
[30] GB (1100223.5) 2011-01-07

[21] **2,823,461**
[13] A1
[51] **Int.Cl. A63B 53/04 (2006.01)**
[25] EN
[54] **GOLF CLUB WITH A CUSHION MADE OF VISCOELASTIC MATERIAL**
[54] **BATON DE GOLF MUNI D'UN COUSSINET REALISE EN MATERIAU VISCOELASTIQUE**
[72] LEATT, CHRISTOPHER JAMES, ZA
[72] VAN DER MERWE, WILLEM MARE, ZA
[72] PILZ, ROBERT, ZA
[71] LEATT CORPORATION, US
[85] 2013-03-22
[86] 2011-09-22 (PCT/IB2011/054176)
[87] (WO2012/038921)
[30] GB (1015918.4) 2010-09-22

[21] **2,823,464**
[13] A1
[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/071 (2010.01) C01D 15/00 (2006.01) C01D 15/04 (2006.01) C01D 15/06 (2006.01) C01D 15/08 (2006.01) C01D 15/10 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING INDUCED PLURIPOTENT STEM CELLS AND MEDIUM FOR PREPARING INDUCED PLURIPOTENT STEM CELLS**
[54] **PROCEDE DE PREPARATION DE CELLULES SOUCHES PLURIPOTENTES INDUITES, ET MILIEU DE CULTURE UTILISE POUR LA PREPARATION DE CELLULES SOUCHES PLURIPOTENTES INDUITES**
[72] XIE, XIN, CN
[72] WANG, QUAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2013-06-13
[86] 2011-11-07 (PCT/CN2011/001875)
[87] (WO2012/079278)
[30] CN (201010594842.6) 2010-12-16

[21] **2,823,467**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **QTLS ASSOCIATED WITH AND METHODS FOR IDENTIFYING WHOLE PLANT FIELD RESISTANCE TO SCLEROTINIA**
[54] **LOCUS A CARACTERE QUANTITATIF ASSOCIES A LA RESISTANCE DE CHAMP ENTIER AU SCLEROTINIA ET PROCEDES D'IDENTIFICATION DE CETTE RESISTANCE**
[72] FALAK, IGOR, CA
[72] PRIMOMO, VALERIO, CA
[72] TULSIERAM, LOMAS K., CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066526)
[87] (WO2012/088289)
[30] US (61/426,170) 2010-12-22
[30] US (61/449,776) 2011-03-07
[30] US (61/566,064) 2011-12-02

[21] **2,823,469**
[13] A1
[51] **Int.Cl. F03D 9/00 (2006.01) F03D 1/04 (2006.01) F03D 3/04 (2006.01) F03D 7/06 (2006.01)**
[25] EN
[54] **IMPACT TYPE WIND-DRIVEN POWER GENERATING DEVICE**
[54] **DISPOSITIF EOLIEN DE TYPE A IMPACT**
[72] GUO, WENLI, CN
[71] BEIJING HENGJU CHEMICAL GROUP CORPORATION, CN
[85] 2013-06-28
[86] 2011-07-28 (PCT/CN2011/001240)
[87] (WO2012/088740)
[30] CN (201010623950.1) 2010-12-31

[21] **2,823,470**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G05B 19/10 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **DISPLAY OF CONTROLLABLE ATTRIBUTES FOR A CONTROLLABLE ITEM BASED ON CONTEXT**
[54] **AFFICHAGE D'ATTRIBUTS COMMANDABLES POUR UN ELEMENT COMMANDABLE FONDE SUR LE CONTEXTE**
[72] HUNTER, JIM, US
[71] GENERAL INSTRUMENT CORPORATION, US
[85] 2013-05-08
[86] 2011-10-24 (PCT/US2011/057457)
[87] (WO2012/067763)
[30] US (61/414,202) 2010-11-16
[30] US (13/277,258) 2011-10-20

[21] **2,823,473**
[13] A1
[51] **Int.Cl. H01F 3/10 (2006.01) H01F 17/04 (2006.01)**
[25] EN
[54] **INDUCTOR CORE**
[54] **NOYAU DE BOBINE D'INDUCTION**
[72] ANDERSSON, OLA, SE
[72] PENNANDER, LARS-OLOV, SE
[71] HOEGANAES AB (PUBL), SE
[85] 2013-06-28
[86] 2011-12-22 (PCT/EP2011/073829)
[87] (WO2012/093040)
[30] EP (11150015.3) 2011-01-03
[30] US (61/429,870) 2011-01-05

[21] **2,823,475**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **ARTIFICIAL LIFT TOOL**
[54] **OUTIL D'ASCENSION ARTIFICIELLE**
[72] HALLUNDBAK, JORGEN, DK
[71] WELLTEC A/S, DK
[85] 2013-06-28
[86] 2011-12-29 (PCT/EP2011/074214)
[87] (WO2012/089802)
[30] EP (10197360.0) 2010-12-30

[21] **2,823,477**
[13] A1
[51] **Int.Cl. B01J 23/04 (2006.01) B01J 23/887 (2006.01) C10G 45/08 (2006.01) C10M 175/00 (2006.01)**
[25] EN
[54] **CATALYTICALLY ACTIVE MATERIAL FOR THE HYDROGENATION TREATMENT OF HYDROCARBONS**
[54] **MATERIAU CATALYTIQUEMENT ACTIF POUR LE TRAITEMENT PAR HYDROGENATION D'HYDROCARBURES**
[72] BONNE, RAIMOND L. C., NL
[72] GONSIOROVA, OLGA, CZ
[72] JOHN, HANS-HEINO, DE
[71] EURO SUPPORT CATALYST GROUP BV, NL
[85] 2013-06-28
[86] 2012-01-18 (PCT/EP2012/050688)
[87] (WO2012/098147)
[30] EP (11151421.2) 2011-01-19

[21] **2,823,480**
[13] A1
[51] **Int.Cl. A61K 31/36 (2006.01) A61P 25/18 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **NOVEL BENZODIOXOLE PIPERIDINE COMPOUNDS**
[54] **NOUVEAUX COMPOSES BENZODIOXOLE PIPERIDINE**
[72] RODRIGUEZ SARMIENTO, ROSA MARIA, CH
[72] WICHMANN, JUERGEN, DE
[71] F. HOFFMAN-LA ROCHE AG, CH
[85] 2013-06-28
[86] 2012-02-29 (PCT/EP2012/053387)
[87] (WO2012/117001)
[30] EP (11156787.1) 2011-03-03

[21] **2,823,483**
[13] A1
[51] **Int.Cl. F16L 33/22 (2006.01)**
[25] EN
[54] **HOSE COUPLING WITH RETAINING SPRING**
[54] **RACCORD DE TUYAU SOUPLE MUNI D'UN RESSORT DE MAINTIEN**
[72] FLYNN, WILLIAM T., US
[71] EATON CORPORATION, US
[85] 2013-06-28
[86] 2011-12-30 (PCT/IB2011/003184)
[87] (WO2012/090066)
[30] US (12/981,690) 2010-12-30

[21] **2,823,484**
[13] A1
[51] **Int.Cl. F01C 9/00 (2006.01)**
[25] EN
[54] **ROTARY VOLUMETRIC MACHINE**
[54] **MACHINE VOLUMIQUE ROTATIVE**
[72] PANCALDI, EDOARDO (DECEASED), IT
[72] BALBO DI VINADIO, AIMONE, IT
[71] CAPTECH S.R.L., IT
[85] 2013-06-28
[86] 2011-11-10 (PCT/IB2011/055009)
[87] (WO2012/107810)
[30] IT (TO2011A000112) 2011-02-10

[21] **2,823,485**
[13] A1
[51] **Int.Cl. A01G 7/00 (2006.01) A01G 9/02 (2006.01) G01N 35/02 (2006.01) G05D 22/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING GROWTH CONDITIONS OF PLANTS**
[54] **SYSTEME PERMETTANT DE SURVEILLER LES CONDITIONS DE CROISSANCE DE PLANTES**
[72] LEYNS, FREDERIK, BE
[72] VANDAELE, CEDRICK, BE
[72] FIORANI, FABIO, DE
[72] LEJEUNE, PIERRE, BE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2013-06-28
[86] 2012-01-17 (PCT/IB2012/050222)
[87] (WO2012/101546)
[30] US (61/435,381) 2011-01-24
[30] EP (11151858.5) 2011-01-24
[30] EP (11151863.5) 2011-01-24

[21] **2,823,486**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/28 (2006.01)**
[25] EN
[54] **ADAPTOR MEANS FOR USE IN COMBINATION WITH A PRE-FILLED SYRINGE AND A SAFETY DEVICE, SAFETY DEVICE AND INJECTION DEVICE**
[54] **ORGANE D'ADAPTATION S'UTILISANT EN ASSOCIATION AVEC UNE SERINGUE PRE-REMPLIE ET UN DISPOSITIF DE SURETE, DISPOSITIF DE SURETE ET DISPOSITIF D'INJECTION**
[72] ROBERTS, GARETH, GB
[72] OWEN, SIONED, GB
[72] EKMAN, MATTHEW, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-06-28
[86] 2011-12-30 (PCT/EP2011/074274)
[87] (WO2012/093069)
[30] EP (11150074.0) 2011-01-04

[21] **2,823,487**
[13] A1
[51] **Int.Cl. G01V 11/00 (2006.01)**
[25] EN
[54] **A DOWNHOLE WELL-OPERATION SYSTEM**
[54] **SYSTEME PERMETTANT DE REALISER DES TRAVAUX EN FOND DE PUITS**
[72] HALLUNDBAK, JORGEN, DK
[71] WELLTEC A/S, DK
[85] 2013-06-21
[86] 2011-12-22 (PCT/EP2011/073743)
[87] (WO2012/085180)
[30] EP (10196731.3) 2010-12-23

[21] **2,823,488**
[13] A1
[51] **Int.Cl. B63H 5/10 (2006.01) B63H 21/20 (2006.01) B63H 23/24 (2006.01) B63J 3/02 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION**
[72] KOKKILA, KIMMO, FI
[72] KAJAVA, MIKKO, FI
[72] KANERVA, SAMI, FI
[71] ABB OY, FI
[85] 2013-06-28
[86] 2012-01-02 (PCT/EP2012/050021)
[87] (WO2012/089845)
[30] EP (10197479.8) 2010-12-31

[21] **2,823,489**
[13] A1
[51] **Int.Cl. B63H 5/08 (2006.01) B63H 21/17 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION**
[72] KOKKILA, KIMMO, FI
[72] KAJAVA, MIKKO, FI
[72] KANERVA, SAMI, FI
[71] ABB OY, FI
[85] 2013-06-28
[86] 2012-01-02 (PCT/EP2012/050022)
[87] (WO2012/089846)
[30] EP (10197480.6) 2010-12-31

[21] **2,823,494**
[13] A1
[51] **Int.Cl. B01J 27/20 (2006.01) B09B 3/00 (2006.01) F23G 5/027 (2006.01)**
[25] EN
[54] **CATALYST FOR DISTRIBUTED BATCH MICROWAVE PYROLYSIS, SYSTEM AND PROCESS THEREOF**
[54] **CATALYSEUR DE PYROLYSE PAR MICRO-ONDES PAR LOTS DISTRIBUES, SYSTEME ET PROCEDE DE PYROLYSE CORRESPONDANTS**
[72] CHAOUKI, JAMAL, CA
[72] DOUCET, JOCELYN, CA
[72] SOBHY, AMR, CA
[71] SERVICES KENGTEK INC., CA
[85] 2013-07-18
[86] 2012-01-19 (PCT/CA2012/000062)
[87] (WO2012/097448)
[30] US (61/434,230) 2011-01-19

[21] **2,823,495**
[13] A1
[51] **Int.Cl. F04B 47/00 (2006.01) E21B 47/008 (2012.01) E21B 43/12 (2006.01) E21B 47/06 (2012.01) F04B 23/04 (2006.01) F04B 45/04 (2006.01) F04B 47/06 (2006.01) F04C 2/107 (2006.01)**
[25] EN
[54] **HORIZONTAL AND VERTICAL WELL FLUID PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE DE FLUIDE POUR PUITS HORIZONTAL ET VERTICAL**
[72] OHMER, HERVE, US
[72] FLETCHER, DAN, CA
[72] LAING, ERIC, CA
[72] STEELE, GEOFF, CA
[71] RAISE PRODUCTION, INC., CA
[85] 2013-06-04
[86] 2012-12-17 (PCT/CA2012/001156)
[87] (WO2013/086623)
[30] US (61/570,981) 2011-12-15

[21] **2,823,497**
[13] A1
[51] **Int.Cl. B23P 15/04 (2006.01) B23K 20/18 (2006.01) B21D 53/78 (2006.01) B23K 20/02 (2006.01) F01D 5/14 (2006.01) F04D 29/38 (2006.01)**
[25] FR
[54] **METHOD FOR CREATING A METAL REINFORCEMENT**
[54] **PROCEDE DE REALISATION D'UN RENFORT METALLIQUE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] LECONTE, GILBERT MICHEL MARIN, FR
[72] MAGNAUDEIX, DOMINIQUE, FR
[71] SNECMA, FR
[85] 2013-06-28
[86] 2011-12-09 (PCT/FR2011/052921)
[87] (WO2012/095574)
[30] FR (1150167) 2011-01-10

[21] **2,823,503**
[13] A1
[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **MOVING IMAGE ENCODING DEVICE, MOVING IMAGE DECODING DEVICE, MOVING IMAGE ENCODING METHOD, AND MOVING IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE DYNAMIQUE, DISPOSITIF DE DECODAGE D'IMAGE DYNAMIQUE, PROCEDE DE CODAGE D'IMAGE DYNAMIQUE ET PROCEDE DE DECODAGE D'IMAGE DYNAMIQUE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-06-28
[86] 2012-01-06 (PCT/JP2012/000061)
[87] (WO2012/096150)
[30] JP (2011-004038) 2011-01-12

[21] **2,823,504**
[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/26 (2006.01) F01D 5/30 (2006.01) F01D 11/00 (2006.01)**
[25] FR
[54] **METHOD FOR DAMPING A GAS-TURBINE BLADE, AND VIBRATION DAMPER FOR IMPLEMENTING SAME**
[54] **PROCEDE D'AMORTISSEMENT DE PALE DE TURBINE A GAZ ET AMORTISSEUR DE VIBRATION DE MISE EN OEUVRE**
[72] SAHORES, JEAN-LUC PIERRE, FR
[72] BEAUCOUESTE, MICHEL FRANCOIS LEON, FR
[71] TURBOMECA, FR
[85] 2013-06-28
[86] 2011-12-20 (PCT/FR2011/053067)
[87] (WO2012/093217)
[30] FR (1150042) 2011-01-04

[21] **2,823,505**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A23K 1/16 (2006.01) A23L 1/305 (2006.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01) A61K 8/64 (2006.01) A61P 25/02 (2006.01) A61Q 19/00 (2006.01) A23L 1/30 (2006.01)**
[25] EN
[54] **SENSE-IMPROVING AGENT**
[54] **AGENT AMELIORANT LES SENS**
[72] KATOH, KEN, JP
[72] UEDA, NORIKO, JP
[72] UENO, HIROSHI, JP
[72] ONO, YUKO, JP
[72] NAKAHATA, NORIMICHI, JP
[72] MORIYA, TAKAHIRO, JP
[72] KOBAYASHI, DAISAKU, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2013-06-28
[86] 2012-01-13 (PCT/JP2012/050617)
[87] (WO2012/102100)
[30] JP (2011-014441) 2011-01-26

[21] **2,823,506**
[13] A1
[51] **Int.Cl. B23K 37/053 (2006.01)**
[25] FR
[54] **METHOD FOR MUTUALLY POSITIONING TUBES**
[54] **PROCEDE DE POSITIONNEMENT MUTUEL DE TUBES**
[72] DAGENAIS, JEAN-FRANCOIS, FR
[71] SERIMAX, FR
[85] 2013-06-28
[86] 2012-01-11 (PCT/FR2012/000022)
[87] (WO2012/095589)
[30] FR (11/50231) 2011-01-11

[21] **2,823,507**
[13] A1
[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING GOLF CONTENT, SYSTEM FOR PROVIDING GOLF CONTENT USING SAME, APPARATUS FOR VIRTUAL GOLF SIMULATION, METHOD FOR PROVIDING GOLF CONTENT, AND METHOD FOR VIRTUAL GOLF SIMULATION**
[54] **APPAREIL DE FOURNITURE DE CONTENU DE GOLF, SYSTEME DE FOURNITURE DE CONTENU DE GOLF L'UTILISANT, APPAREIL DE SIMULATION DE GOLF VIRTUEL, PROCEDE DE FOURNITURE DE CONTENU DE GOLF ET PROCEDE DE SIMULATION DE GOLF VIRTUEL**
[72] KIM, WON IL, KR
[72] OK, JAE YOON, KR
[71] GOLFZON CO., LTD., KR
[85] 2013-06-28
[86] 2011-12-30 (PCT/KR2011/010375)
[87] (WO2012/091516)
[30] KR (10-2010-0140747) 2010-12-31

[21] **2,823,511**
[13] A1
[51] **Int.Cl. A61K 49/06 (2006.01) C07H 7/06 (2006.01)**
[25] EN
[54] **IMPROVED GLYCAN ARRAYS AND METHODS FOR THEIR FABRICATION**
[54] **RESEAUX DE GLYCANES AMELIORES ET LEURS PROCEDES DE FABRICATION**
[72] BOVIN, NIKOLAY VLADIMIROVICH, RU
[72] SHILOVA, NADEZHDA VLADIMIROVNA, RU
[71] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "SEMIOTIK", RU
[85] 2013-06-28
[86] 2010-12-30 (PCT/RU2010/000813)
[87] (WO2012/091606)

[21] **2,823,512**
[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/55 (2006.01)**
[25] EN
[54] **GRANULATES COMPRISING ESLICARBAZEPINE ACETATE**
[54] **GRANULES CONTENANT DE L'ACETATE D'ESLICARBAZEPINE**
[72] DA COSTA BARROCAS, PEDRO MIGUEL, PT
[72] DOS SANTOS LIMA, RICARDO JORGE, PT
[72] CARDOSO DE VASCONCELOS, TEOFILO, PT
[72] DE CAMPOS COSTA, RUI CERDEIRA, PT
[72] DE CASTRO PEREIRA, LIGIA SOFIA, PT
[72] DE ALMEIDA JERONIMO, PAULA CRISTINA, PT
[71] BIAL-PORTELA & C.A., S.A., PT
[85] 2013-06-28
[86] 2011-12-30 (PCT/PT2011/000048)
[87] (WO2012/091593)
[30] US (61/428,905) 2010-12-31

[21] **2,823,513**
[13] A1
[51] **Int.Cl. B21D 5/08 (2006.01)**
[25] EN
[54] **ROLL FORMING MACHINE AND METHOD OF ROLL FORMING**
[54] **MACHINE DE PROFILAGE ET PROCEDE DE PROFILAGE**
[72] INGVARSSON, LARS, SE
[71] ORTIC 3D AB, SE
[85] 2013-06-28
[86] 2011-11-21 (PCT/SE2011/000208)
[87] (WO2012/091650)
[30] SE (1001228-4) 2010-12-28

[21] **2,823,514**
[13] A1
[51] **Int.Cl. A61M 15/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR POSITIONING A NASAL CANNULA**
[54] **APPAREIL DE POSITIONNEMENT D'UNE CANULE NASALE**
[72] O'LEARY, JOHN P., US
[71] O2OOL, LLC, US
[85] 2013-06-28
[86] 2011-12-16 (PCT/US2011/065669)
[87] (WO2012/091967)
[30] US (61/428,933) 2010-12-31

[21] **2,823,515**
[13] A1
[51] **Int.Cl. C08L 67/06 (2006.01) C08G 18/16 (2006.01) C08G 63/82 (2006.01) C08K 5/56 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **ADDITIVES FOR CURABLE LIQUID COMPOSITIONS**
[54] **ADDITIFS POUR COMPOSITIONS LIQUIDES DURCISSABLES**
[72] SANTHANAM, RAGHU, US
[71] DURA CHEMICALS, INC., US
[85] 2013-06-28
[86] 2011-12-20 (PCT/US2011/066245)
[87] (WO2012/092034)
[30] US (61/427,667) 2010-12-28
[30] US (61/448,118) 2011-03-01

[21] **2,823,517**
[13] A1
[51] **Int.Cl. F02C 7/262 (2006.01)**
[25] FR
[54] **METHOD FOR STARTING A TURBOMACHINE**
[54] **PROCEDE DE DEMARRAGE D'UNE TURBOMACHINE**
[72] VERDIER, HUBERT PASCAL, FR
[72] ETCHEPARE, PHILIPPE, FR
[72] GIRALT, PIERRE, FR
[72] REBERGA, LUC, FR
[71] TURBOMECA, FR
[85] 2013-06-28
[86] 2012-01-03 (PCT/FR2012/050005)
[87] (WO2012/095590)
[30] FR (1150206) 2011-01-11

[21] **2,823,518**
[13] A1
[51] **Int.Cl. C12Q 1/04 (2006.01) C12Q 1/22 (2006.01) C12Q 1/34 (2006.01) C12Q 1/44 (2006.01)**
[25] EN
[54] **ARTICLES AND METHOD FOR DETECTING A TARGET MICROORGANISM**
[54] **ARTICLES ET PROCEDE DE DETECTION D'UN MICROORGANISME CIBLE**
[72] MORIYAMA, TAKATOSHI, JP
[72] MACH, PATRICK A., US
[72] KITAHARA, AKIO, JP
[72] LUBRANT, HENRY J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2013-06-28
[86] 2011-12-23 (PCT/US2011/067149)
[87] (WO2012/092181)
[30] US (61/428,722) 2010-12-30

[21] **2,823,519**
[13] A1
[51] **Int.Cl. B23P 6/00 (2006.01) F01D 5/00 (2006.01) F01D 5/06 (2006.01)**
[25] EN
[54] **METHOD FOR REPAIRING COMPRESSOR OR TURBINE CASINGS**
[54] **PROCEDE DE REPARATION DE TAMBOURS DE COMPRESSEUR OU DE TURBINE**
[72] WEISS, ELKE, DE
[72] KAPPMEYER, GREGOR, DE
[72] STAPPENBECK, FLORIAN, DE
[71] ROLLS-ROYCE DEUTSCHLAND LTD & CO KG, DE
[85] 2013-06-28
[86] 2012-01-04 (PCT/EP2012/050094)
[87] (WO2012/095342)
[30] DE (10 2011 002 532.4) 2011-01-11

[21] **2,823,520**
[13] A1
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/28 (2006.01) A01N 53/00 (2006.01) A01N 53/02 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **AGROCHEMICAL FORMULATION COMPRISING ENCAPSULATED PESTICIDE**
[54] **FORMULATION AGROCHIMIQUE CONTENANT UN PESTICIDE ENCAPSULE**
[72] TARANTA, CLAUDE, DE
[72] BORK, THOMAS, DE
[72] SCHRODER-GRIMONPONT, TINA, DE
[72] KATZ, BRITTA, DE
[72] SIKULJAK, TATJANA, DE
[72] NORD, SIMON, DE
[72] DISTLER, JURGEN, DE
[72] WARRINER, RICHARD A., US
[72] BIHLMEYER, DANIEL, US
[72] WOFFORD, JAMES THOMAS, US
[71] BASF SE, DE
[85] 2013-06-28
[86] 2012-01-23 (PCT/EP2012/050925)
[87] (WO2012/101070)
[30] US (61/435,380) 2011-01-24
[30] EP (11155174.3) 2011-02-21

[21] **2,823,521**
[13] A1
[51] **Int.Cl. A23G 3/42 (2006.01) A23G 3/36 (2006.01)**
[25] EN
[54] **HARD CANDY WITH REDUCED SUGAR**
[54] **BONBON DUR A TENEUR REDUITE EN SUCRE**
[72] HSU, CHIA-HUA, US
[72] BARKALOW, DAVID G., US
[72] STAWSKI, BARBARA, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2013-06-28
[86] 2011-12-27 (PCT/US2011/067361)
[87] (WO2012/092255)
[30] US (61/428,303) 2010-12-30

[21] **2,823,522**
[13] A1
[51] **Int.Cl. F16L 41/03 (2006.01) F17D 1/00 (2006.01)**
[25] EN
[54] **MANIFOLD FLOW SPLITTER**
[54] **COLLECTEUR DIVISEUR DE DEBIT**
[72] DAHL, TINE BAUCK, NO
[72] FOLKNER, STEIN, NO
[72] HAGLAND, BJARTE, NO
[72] SCHULLER, REIDAR BARFOD, NO
[72] JENSEN, ATLE, NO
[71] FMC KONGSBERG SUBSEA AS, NO
[85] 2013-06-28
[86] 2012-01-26 (PCT/EP2012/051237)
[87] (WO2012/101217)
[30] NO (20110131) 2011-01-27

[21] **2,823,523**
[13] A1
[51] **Int.Cl. F22D 5/26 (2006.01) F22D 7/08 (2006.01) F22D 11/02 (2006.01)**
[25] EN
[54] **PUMPING DEVICE USING VAPOR PRESSURE FOR SUPPLYING WATER FOR POWER PLANT**
[54] **DISPOSITIF DE POMPAGE UTILISANT DE LA VAPEUR SOUS PRESSION POUR L'ALIMENTATION EN EAU D'UNE CENTRALE ELECTRIQUE**
[72] YIM, JOO HYUK, KR
[71] YIM, JOO HYUK, KR
[85] 2013-06-28
[86] 2011-10-20 (PCT/KR2011/007860)
[87] (WO2012/091264)
[30] KR (10-2010-0136554) 2010-12-28

[21] **2,823,525**
[13] A1
[51] **Int.Cl. B23P 15/04 (2006.01) B23K 20/18 (2006.01) B21D 53/78 (2006.01) B23K 20/02 (2006.01) F01D 5/14 (2006.01) F04D 29/38 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING A METAL REINFORCEMENT**
[54] **PROCEDE DE REALISATION D'UN RENFORT METALLIQUE**
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] LECONTE, GILBERT MICHEL MARIN, FR
[72] MAGNAUDEIX, DOMINIQUE, FR
[71] SNECMA, FR
[85] 2013-06-28
[86] 2012-01-10 (PCT/FR2012/050067)
[87] (WO2012/101356)
[30] FR (1150532) 2011-01-24

[21] **2,823,526**
[13] A1
[51] **Int.Cl. C08J 5/20 (2006.01) B01J 39/04 (2006.01) C07C 51/47 (2006.01) C07C 51/573 (2006.01)**
[25] EN
[54] **PURIFICATION OF ACETIC ACID PRODUCT STREAMS**
[54] **PURIFICATION DE FLUX DE PRODUIT D'ACIDE ACETIQUE**
[72] SHAVER, RONALD D., US
[72] BLANCHARD, GREG, US
[72] HOKKANEN, BRIAN W., DE
[72] TORRENCE, G. PAULL, US
[71] CELANESE INTERNATIONAL CORPORATION, US
[85] 2013-06-28
[86] 2011-12-28 (PCT/US2011/067564)
[87] (WO2012/092360)
[30] US (61/428,464) 2010-12-30
[30] US (13/338,612) 2011-12-28

[21] **2,823,527**
[13] A1
[51] **Int.Cl. H04R 1/10 (2006.01)**
[25] EN
[54] **AUDIO LISTENING SYSTEM**
[54] **SYSTEME D'ECOUTE AUDIO**
[72] BRUNNER, ROBERT, US
[72] VANDENBUSSCHE, GREGOIRE, US
[72] FRUHAUF, CHRIS, US
[71] BEATS ELECTRONICS, LLC, US
[85] 2013-07-02
[86] 2011-12-22 (PCT/US2011/067045)
[87] (WO2012/094176)
[30] US (61/429,426) 2011-01-03

[21] **2,823,528**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD FOR DIFFERENTIATING TRAFFIC DATA OBTAINED FROM PROBE VEHICLES**
[54] **PROCEDE PERMETTANT DE FAIRE UNE DISTINCTION ENTRE DES DONNEES DE CIRCULATION OBTENUES GRACE A DES VEHICULES-SONDES**
[72] KURCISKA, MAJA, US
[72] VAGHEFINAZARI, PEDRAM, US
[71] HONDA MOTOR CO., LTD., JP
[85] 2013-06-28
[86] 2011-12-28 (PCT/US2011/067575)
[87] (WO2012/094210)
[30] US (12/983,357) 2011-01-03

[21] **2,823,529**
[13] A1
[51] **Int.Cl. F16H 37/02 (2006.01) F16H 9/12 (2006.01)**
[25] EN
[54] **CHAIN BELT-TYPE VARIABLE TRANSMISSION**
[54] **TRANSMISSION VARIABLE DU TYPE A COURROIE CRANTEE**
[72] CHO, YOON KYU, KR
[71] CHO, YOON KYU, KR
[85] 2013-06-28
[86] 2011-12-28 (PCT/KR2011/010265)
[87] (WO2012/091469)
[30] KR (10-2010-0137822) 2010-12-29

[21] **2,823,530**
[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ONLINE PRIVACY MANAGEMENT**
[54] **GESTION DE CONFIDENTIALITE EN LIGNE**
[72] GOODWIN, JOSHUA C., US
[72] MANION, JOSHUA R., US
[71] ENSIGHTEN, INC., US
[85] 2013-06-28
[86] 2011-12-29 (PCT/US2011/067870)
[87] (WO2012/092487)
[30] US (61/428,560) 2010-12-30

[21] **2,823,531**
[13] A1
[51] **Int.Cl. F22D 5/26 (2006.01) F22D 5/28 (2006.01)**
[25] EN
[54] **AUTOMATIC WATER SUPPLY-TYPE STEAM GENERATOR USING VAPOR PRESSURE**
[54] **GENERATEUR DE VAPEUR DU TYPE A ALIMENTATION AUTOMATIQUE EN EAU UTILISANT DE LA PRESSION DE VAPEUR**
[72] YIM, JOO-HYUK, KR
[71] YIM, JOO-HYUK, KR
[85] 2013-06-28
[86] 2011-12-28 (PCT/KR2011/010266)
[87] (WO2012/091470)
[30] KR (10-2010-0136553) 2010-12-28
[30] KR (10-2011-0014264) 2011-02-17

[21] **2,823,532**
[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/4722 (2011.01) H04N 21/4725 (2011.01) H04N 21/482 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NAVIGATING THROUGH CONTENT IN AN INTERACTIVE MEDIA GUIDANCE APPLICATION**
[54] **SYSTEMES ET PROCEDES POUR NAVIGUER A TRAVERS UN CONTENU DANS UNE APPLICATION DE GUIDAGE MULTIMEDIA INTERACTIVE**
[72] RHOADS, JEFFREY LESTER, US
[72] BAUMGARTNER, HANS ANDREAS, US
[71] UNITED VIDEO PROPERTIES, INC., US
[85] 2013-07-02
[86] 2011-12-29 (PCT/US2011/067777)
[87] (WO2012/094228)
[30] US (61/430,157) 2011-01-05
[30] US (13/339,233) 2011-12-28

[21] **2,823,533**
[13] A1
[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **VIRTUAL GOLF SIMULATION APPARATUS AND METHOD ALLOWING USER-DEFINITION OF GOLF BALL**
[54] **APPAREIL DE SIMULATION DE GOLF VIRTUEL ET PROCEDE PERMETTANT LA DEFINITION PAR UN UTILISATEUR D'UNE BALLE DE GOLF**
[72] OK, JAE YOON, KR
[71] GOLFZON CO., LTD., KR
[85] 2013-06-28
[86] 2011-12-30 (PCT/KR2011/010369)
[87] (WO2012/091511)
[30] KR (10-2010-0140755) 2010-12-31

[21] **2,823,534**
[13] A1
[51] **Int.Cl. A61K 36/61 (2006.01) A61K 8/97 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SEBUM CONTROL AND ANTI-ACNE COMPOSITION**
[54] **COMPOSITION DE REGULATION DU SEBUM ET ANTI-ACNE**
[72] FLORENCE, TIFFANY, US
[71] MARY KAY INC., US
[85] 2013-06-28
[86] 2011-12-28 (PCT/US2011/067635)
[87] (WO2012/092389)
[30] US (61/427,736) 2010-12-28
[30] US (61/428,740) 2010-12-30

[21] **2,823,535**
[13] A1
[51] **Int.Cl. A61F 2/90 (2013.01)**
[25] EN
[54] **LOW STRAIN HIGH STRENGTH STENT**
[54] **STENT A HAUTE RESISTANCE ET A FAIBLE CONTRAINTE**
[72] BOISMIER, DENNIS A., US
[72] AGRAWAL, SUMIT, US
[72] MEYER, MICHAEL P., US
[72] RADHAKRISHNAN, RAJESH, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2013-06-28
[86] 2011-09-22 (PCT/US2011/052804)
[87] (WO2012/118526)
[30] US (61/448,843) 2011-03-03

[21] **2,823,536**
[13] A1
[51] **Int.Cl. C10G 29/16 (2006.01)**
[25] EN
[54] **AGGLOMERATION-RESISTANT DESULFURIZING PRODUCT**
[54] **PRODUIT DE DESULFURATION RESISTANT A L'AGGLOMERATION**
[72] BRAGA, THOMAS G., US
[71] M-I L.L.C., US
[85] 2013-07-02
[86] 2011-12-29 (PCT/US2011/067887)
[87] (WO2012/094233)
[30] US (61/429,601) 2011-01-04

[21] **2,823,537**
[13] A1
[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **VIRTUAL GOLF SIMULATION APPARATUS AND METHOD CAPABLE OF COMPENSATION BALL FLIGHT DISTANCE DECREASING RATE**
[54] **APPAREIL ET PROCEDE POUR LA SIMULATION D'UNE PARTIE DE GOLF VIRTUELLE QUI PEUVENT COMPENSER LA VITESSE DE DIMINUTION DE LA DISTANCE LORS DU VOL DE LA BALLE**
[72] LEE, HYANG RAK, KR
[72] LEE, DONG IL, KR
[72] SONG, HYOUN SEOP, KR
[71] GOLFZON CO., LTD., KR
[85] 2013-06-28
[86] 2011-12-30 (PCT/KR2011/010371)
[87] (WO2012/091513)
[30] KR (10-2010-0140763) 2010-12-31

[21] **2,823,538**
[13] A1
[51] **Int.Cl. H05B 3/86 (2006.01)**
[25] FR
[54] **HEATING ELEMENT COMPRISING FILMS**
[54] **ELEMENT CHAUFFANT A COUCHE**
[72] LAURENT, STEPHANE, FR
[72] MAUVERNAY, BRUNO, FR
[72] LUXEMBOURG, DAVID, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2013-06-28
[86] 2012-01-30 (PCT/FR2012/050184)
[87] (WO2012/104530)
[30] FR (1150914) 2011-02-04

[21] **2,823,539**
[13] A1
[51] **Int.Cl. F25B 21/02 (2006.01)**
[25] EN
[54] **THERMOELECTRIC GAS DRYING APPARATUS AND METHOD**
[54] **APPAREIL THERMOELECTRIQUE DE SECHAGE DE GAZ ET PROCEDE ASSOCIE**
[72] BARNWELL, JAMES W., US
[71] SPX CORPORATION, US
[85] 2013-06-28
[86] 2011-11-17 (PCT/US2011/061185)
[87] (WO2012/094062)
[30] US (12/985,794) 2011-01-06

[21] **2,823,540**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/50 (2006.01) A61K 35/12 (2006.01)**
[25] EN
[54] **METHODS FOR CRYOPRESERVING AND ENCAPSULATING CELLS**
[54] **PROCEDES DE CRYOCONSERVATION ET D'ENCAPSULATION DE CELLULES**
[72] ABRAMSON, SASCHA, US
[71] ANTHROGENESIS CORPORATION, US
[85] 2013-06-28
[86] 2011-12-29 (PCT/US2011/067716)
[87] (WO2012/092420)
[30] US (61/428,427) 2010-12-30

[21] **2,823,541**
[13] A1
[51] **Int.Cl. A47G 23/00 (2006.01) A47G 19/22 (2006.01)**
[25] EN
[54] **A GUARD FOR A DRINKING VESSEL**
[54] **PROTECTION POUR UN RECIPIENT A BOIRE**
[72] SOLARI, CLIVE, AU
[71] NAUTSPILL PTY LTD, AU
[85] 2013-07-02
[86] 2011-08-25 (PCT/AU2011/001100)
[87] (WO2012/024737)
[30] AU (2010903807) 2010-08-25

[21] **2,823,542**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DISPLAYING CONTENT ON MULTIPLE NETWORKED DEVICES WITH A SIMPLE COMMAND**
[54] **PROCEDES ET SYSTEMES D'AFFICHAGE D'UN CONTENU SUR PLUSIEURS DISPOSITIFS EN RESEAU AVEC UNE SEULE COMMANDE**
[72] HOSEIN, MARC PETER, US
[72] YANKOVICH, STEVE, US
[71] EBAY INC., US
[85] 2013-06-28
[86] 2011-12-29 (PCT/US2011/067927)
[87] (WO2012/092506)
[30] US (61/429,097) 2010-12-31

[21] **2,823,543**
[13] A1
[51] **Int.Cl. A61B 5/0408 (2006.01)**
[25] EN
[54] **MEDICAL ELECTRODE WITH PRINTED SHIELDED FEED LINE**
[54] **ELECTRODE MEDICALE COMPRENANT UNE CONDUITE D'ALIMENTATION BLINDEE IMPRIMEE**
[72] LANG, BURRHUS, AT
[71] LANG, LEONH, AT
[85] 2013-07-02
[86] 2011-12-15 (PCT/AT2011/000496)
[87] (WO2012/092632)
[30] AT (A 4/2011) 2011-01-03

[21] **2,823,544**
[13] A1
[51] **Int.Cl. F24J 2/46 (2006.01) F24J 2/22 (2006.01) F24J 2/50 (2006.01) F28D 1/03 (2006.01) F28D 1/047 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER PANEL AND METHOD FOR MANUFACTURING THEREOF**
[54] **PANNEAU D'ECHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] MOLNAR, PAL, HU
[71] MOLNAR, PAL, HU
[85] 2013-07-02
[86] 2011-11-30 (PCT/HU2011/000117)
[87] (WO2012/073058)
[30] HU (P 10 00641) 2010-11-30

[21] **2,823,545**
[13] A1
[51] **Int.Cl. A61K 8/97 (2006.01) A61K 36/28 (2006.01) A61K 36/287 (2006.01) A61K 36/42 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES MULTI-USAGES**
[72] FLORENCE, TIFFANY, US
[72] HINES, MICHELLE, US
[72] GAN, DAVID, US
[71] MARY KAY INC., US
[85] 2013-07-02
[86] 2011-12-30 (PCT/US2011/068190)
[87] (WO2012/092597)
[30] US (61/428,740) 2010-12-30

[21] **2,823,546**
[13] A1
[51] **Int.Cl. G01H 7/00 (2006.01) G08C 17/02 (2006.01) G10L 15/06 (2013.01)**
[25] EN
[54] **SOUND ABNORMALITY DETECTION SYSTEM FOR POWER DEVICE AND METHOD THEREOF**
[54] **SYSTEME DE DETECTION D'ANOMALIE SONORE POUR DISPOSITIF D'ALIMENTATION ET PROCEDE ASSOCIE**
[72] SHI, FENGXIANG, CN
[72] FENG, HONGRUN, CN
[72] WU, JIANHUA, CN
[72] ZHANG, NING, CN
[72] LI, LI, CN
[72] ZHANG, YULIANG, CN
[72] SONG, YANJUN, CN
[72] FU, WEIPING, CN
[72] WANG, WANGUO, CN
[72] LI, JIAN, CN
[72] LIU, HAIFENG, CN
[72] ZHAO, JINGWU, CN
[72] LIU, YAOLIN, CN
[72] HU, WEITAO, CN
[71] STATE GRID CORPORATION OF CHINA, CN
[71] HEBEI ELECTRIC POWER MAINTENANCE COMPANY, CN
[71] SHANDONG LUNENG INTELLIGENCE TECHNOLOGY CO., LTD, CN
[85] 2013-07-02
[86] 2011-11-29 (PCT/CN2011/083175)
[87] (WO2012/171300)
[30] CN (201110157505.5) 2011-06-13

[21] **2,823,547**
[13] A1
[51] **Int.Cl. H01Q 3/34 (2006.01)**
[25] EN
[54] **COMPACT BROADBAND ANTENNA**
[54] **ANTENNE A LARGE BANDE COMPACTE**
[72] AZULAY, SNIR, IL
[72] KRUPA, STEVE, IL
[71] GALTRONICS CORPORATION LTD., IL
[85] 2013-07-02
[86] 2012-01-03 (PCT/IL2012/000001)
[87] (WO2012/093391)
[30] US (61/429,240) 2011-01-03

[21] **2,823,548**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4245 (2006.01) A61K 31/445 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **HETEROARYL COMPOUNDS AS 5-HT4 RECEPTOR LIGANDS**
[54] **COMPOSES HETEROARYLES CONVENANT COMME LIGANDS DU RECEPTEUR 5-HT4**
[72] NIROGI, RAMAKRISHNA, IN
[72] MOHAMMED, ABDUL RASHEED, IN
[72] YARLGADDA, SURESH, IN
[72] RAVELLA, SRINIVASA RAO, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] KAMBHAMPATI, RAMASASTRI, IN
[72] ROAYALLEY, PRAVEEN KUMAR, IN
[72] JAYARAJAN, PRADEEP, IN
[72] BHYRAPUNENI, GOPINADH, IN
[72] PATNALA, SRIRAMACHANDRA MURTHY, IN
[72] RAVULA, JYOTHSNA, IN
[72] JASTI, VENKATESWARLU, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
[85] 2013-07-02
[86] 2012-01-05 (PCT/IN2012/000011)
[87] (WO2013/042135)
[30] IN (3203/CHE/2011) 2011-09-19

[21] **2,823,550**
[13] A1
[51] **Int.Cl. H02K 15/00 (2006.01) H02K 15/04 (2006.01)**
[25] EN
[54] **METHOD AND FIXTURE FOR TWISTING END PORTIONS OF BAR CONDUCTORS, IN PARTICULAR FOR BAR WINDINGS OF ELECTRIC MACHINES**
[54] **PROCEDE ET DISPOSITIF DESTINES A TORSADER LES EXTREMITES DE CONDUCTEURS, EN PARTICULIER DE BOBINAGES DE MACHINES ELECTRIQUES**
[72] GUERCIONI, SANTE, IT
[71] TECNOMATIC S.P.A., IT
[85] 2013-07-02
[86] 2011-01-04 (PCT/IT2011/000004)
[87] (WO2012/093413)

[21] **2,823,552**
[13] A1
[51] **Int.Cl. B25B 27/10 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **TOOL FOR SIMPLIFYING ATTACHMENT OF HOSE TO NIPPLE**
[54] **OUTIL PERMETTANT DE SIMPLIFIER LA FIXATION D'UN TUYAU FLEXIBLE A UN EMBOUT**
[72] HOELSAETER, GEIR, NO
[71] HOELSAETER, GEIR, NO
[85] 2013-07-02
[86] 2011-12-12 (PCT/NO2011/000342)
[87] (WO2012/121603)
[30] NO (20110053) 2011-01-13

[21] **2,823,554**
[13] A1
[51] **Int.Cl. G01R 21/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENERGY EFFICIENCY AND SUSTAINABILITY MANAGEMENT**
[54] **PROCEDE ET SYSTEME POUR UNE GESTION EFFICACE ET DURABLE DE L'ENERGIE**
[72] ZIK, ORY, US
[71] ZIK ENERGY POINTS, INC., US
[85] 2013-07-02
[86] 2012-01-04 (PCT/US2012/020148)
[87] (WO2012/094373)
[30] US (61/429,572) 2011-01-04

[21] **2,823,555**
[13] A1
[51] **Int.Cl. B01F 7/00 (2006.01) C22B 9/05 (2006.01) F27D 11/08 (2006.01) H05B 7/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SUPPLYING HEAT TO A METAL MELT**
[54] **DISPOSITIF ET PROCEDE POUR FOURNIR DE LA CHALEUR A UNE COULEE DE METAL**
[72] VENAS, KARL, NO
[71] ALU INNOVATION AS, NO
[85] 2013-07-02
[86] 2011-12-22 (PCT/NO2011/000353)
[87] (WO2012/093943)
[30] NO (20110005) 2011-01-04

[21] **2,823,557**
[13] A1
[51] **Int.Cl. A61F 2/34 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **A SOCKET, IN PARTICULAR AN ACETABULAR SOCKET FOR A HIP ENDOPROSTHESIS**
[54] **FOURREAU, EN PARTICULIER FOURREAU ACETABULAIRE POUR UNE ENDOPROTHESE DE HANCHE**
[72] KLOCKOW, ANDREAS, CH
[72] ODERMATT, PIUS, CH
[71] SMITH & NEPHEW ORTHOPAEDICS AG, CH
[85] 2013-07-02
[86] 2011-01-12 (PCT/EP2011/050336)
[87] (WO2012/095168)

[21] **2,823,558**
[13] A1
[51] **Int.Cl. F16K 15/00 (2006.01)**
[25] EN
[54] **CHECK VALVE FOR A PIPE SECTION**
[54] **CLAPET ANTI-RETOUR POUR SECTION DE TUYAU**
[72] TRENTADUE, FREDERICK, US
[71] SMITH & LOVELESS, INC., US
[85] 2013-07-02
[86] 2012-01-05 (PCT/US2012/020300)
[87] (WO2012/094475)
[30] US (12/985,668) 2011-01-06

[21] **2,823,559**
[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MCU TO OPTIMIZE CONFIGURATION OF MULTIPLE PICT URES**
[54] **PROCEDE ET DISPOSITIF POUR UNE CONFIGURATION OPTIMISEE D'UNE PLURALITE D'IMAGES D'UN MCU**
[72] ZHANG, FENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-07-02
[86] 2012-06-13 (PCT/CN2012/076842)
[87] (WO2012/171459)
[30] CN (201110157719.2) 2011-06-13

[21] **2,823,560**
[13] A1
[51] **Int.Cl. B22D 41/28 (2006.01) B22D 41/34 (2006.01)**
[25] EN
[54] **CLOSURE PLATE, AND A SLIDING CLOSURE ON THE SPOUT OF A CONTAINER CONTAINING MOLTEN METAL**
[54] **PLAQUE DE FERMETURE ET FERMETURE COULISSANTE SUR LE BEC DE COULEE D'UN RECIPIENT CONTENANT UN METAL EN FUSION**
[72] STEINER, BENNO, CH
[72] EHRENGRUBER, REINHARD, CH
[71] STOPINC AKTIENGESELLSCHAFT, CH
[85] 2013-07-02
[86] 2012-01-24 (PCT/EP2012/000306)
[87] (WO2012/104028)
[30] EP (11000737.4) 2011-01-31

[21] **2,823,561**
[13] A1
[51] **Int.Cl. G02F 1/133 (2006.01) G02F 1/1343 (2006.01)**
[25] EN
[54] **MULTIPLE CELL LIQUID CRYSTAL OPTICAL DEVICE WITH COUPLED ELECTRIC FIELD CONTROL**
[54] **DISPOSITIF OPTIQUE A CRISTAUX LIQUIDES A CELLULES MULTIPLES AVEC COMMANDE DE CHAMP ELECTRIQUE COUPLEE**
[72] ASATRYAN, KAREN, CA
[72] BAGRAMYAN, ARAM, CA
[72] GALSTIAN, TIGRAN, CA
[72] PRESNIAKOV, VLADIMIR, CA
[72] TORK, AMIR, CA
[72] ZOHRABYAN, ARMEN, CA
[71] LENSVECTOR INC., US
[85] 2013-07-02
[86] 2012-01-30 (PCT/CA2011/050783)
[87] (WO2012/079178)
[30] US (61/424,115) 2010-12-17

[21] **2,823,563**
[13] A1
[51] **Int.Cl. E21B 33/127 (2006.01) E21B 23/00 (2006.01) E21B 29/00 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SHAPE MEMORY MATERIAL PACKER FOR SUBTERRANEAN USE**
[54] **GARNITURE D'ETANCHEITE CONSTITUEE D'UN MATERIAU A MEMOIRE DE FORME ET DESTINEE A UN USAGE SOUTERRAIN**
[72] DUAN, PING, US
[72] ROSENBLATT, STEVE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-07-02
[86] 2012-01-05 (PCT/US2012/020321)
[87] (WO2012/094488)
[30] US (12/985,962) 2011-01-06

[21] **2,823,564**
[13] A1
[51] **Int.Cl. C08G 18/08 (2006.01) C08G 18/48 (2006.01) C08G 18/66 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **AQUEOUS 1K COATING SYSTEM AND METHOD FOR IMPROVING THE APPEARANCE OF GRAINED WOOD SURFACES**
[54] **SYSTEME DE REVETEMENT 1K AQUEUX ET PROCEDE D'AMELIORATION DE L'APPARENCE DE SURFACES EN BOIS GRAINEES**
[72] GERTZMANN, ROLF, DE
[72] PEERLINGS, HENRICUS, DE
[72] GARCIA MARTINEZ, JOAN MIQUEL, ES
[72] ALMATO GUITERAS, MARIA, ES
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-07-02
[86] 2012-01-02 (PCT/EP2012/050014)
[87] (WO2012/093104)
[30] EP (11150152.4) 2011-01-05

[21] **2,823,565**
[13] A1
[51] **Int.Cl. G01R 15/18 (2006.01) H02H 1/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING CURRENT DRAWN BY A PROTECTED LOAD IN A SELF-POWERED ELECTRONIC PROTECTION DEVICE**
[54] **SYSTEME ET PROCEDE DE CONTROLE D'UN COURANT CONSOMME PAR UNE CHARGE PROTEGEE DANS UN DISPOSITIF DE PROTECTION ELECTRONIQUE A ALIMENTATION AUTONOME**
[72] JEFFERIES, KEVIN, US
[71] SCHNEIDER ELECTRIC USA, INC., US
[85] 2013-07-02
[86] 2012-01-09 (PCT/US2012/020583)
[87] (WO2012/096863)
[30] US (13/005,221) 2011-01-12

[21] **2,823,566**
[13] A1
[51] **Int.Cl. A47K 13/12 (2006.01)**
[25] EN
[54] **TOILET HINGE ARRANGEMENT**
[54] **AGENCEMENT DE CHARNIERE DE TOILETTES**
[72] PEDERSEN, HENRIK, DK
[72] RATHKE, MORTEN, DK
[71] PRESSALIT A/S, DK
[85] 2013-07-02
[86] 2011-12-23 (PCT/DK2011/050519)
[87] (WO2012/092930)
[30] DK (PA 2011 00001) 2011-01-03

[21] **2,823,567**
[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE WITH A COVER FOR AN INGREDIENT INLET**
[54] **MACHINE DE PREPARATION DE BOISSONS POURVUE D'UN COUVERCLE QUI PRESENTE UN ORIFICE D'ENTREE D'INGREDIENT**
[72] CAHEN, ANTOINE, CH
[71] NESTEC S.A., CH
[85] 2013-07-02
[86] 2012-01-03 (PCT/EP2012/050031)
[87] (WO2012/093107)
[30] EP (11150022.9) 2011-01-03

[21] **2,823,568**
[13] A1
[51] **Int.Cl. F16B 15/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DRIVING A FASTENER**
[54] **SYSTEME ET PROCEDE POUR ENTRAINER UN ELEMENT DE FIXATION**
[72] TEBO, GLENN J., US
[71] TEBO, GLENN J., US
[85] 2013-06-28
[86] 2011-12-30 (PCT/US2011/068077)
[87] (WO2012/092550)
[30] US (61/428,506) 2010-12-30
[30] US (61/440,458) 2011-02-08

[21] **2,823,569**
[13] A1
[51] **Int.Cl. C08L 67/04 (2006.01) C08J 3/22 (2006.01) C08K 13/02 (2006.01)**
[25] EN
[54] **POLY (LACTIC-ACID) RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINE D'ACIDE POLYLACTIQUE**
[72] RISCANU, DANUT, CA
[72] SARAZIN, PIERRE, CA
[71] CERESTECH, INC., CA
[71] TEKNOR APEX COMPANY, US
[85] 2013-07-02
[86] 2012-01-12 (PCT/CA2012/050016)
[87] (WO2012/094758)
[30] US (61/432,761) 2011-01-14

[21] **2,823,570**
[13] A1
[51] **Int.Cl. H03M 13/39 (2006.01) H03M 13/41 (2006.01)**
[25] FR
[54] **METHOD FOR CORRECTING MESSAGES CONTAINING BIT STUFFING**
[54] **PROCEDE DE CORRECTION DE MESSAGES CONTENANT DES BITS DE BOURRAGE**
[72] PREVOST, RAOUL, FR
[72] BONACCI, DAVID, FR
[72] COULON, MARTIAL, FR
[72] TOURNERET, JEAN-YVES, FR
[72] LE MAITRE, JULIA, FR
[72] MILLERIOUX, JEAN-PIERRE, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES, FR
[85] 2013-07-02
[86] 2012-01-03 (PCT/EP2012/050047)
[87] (WO2012/093116)
[30] FR (1150019) 2011-01-03

[21] **2,823,571**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01)**
[25] EN
[54] **CLINICAL QUALITY ANALYTICS SYSTEM**
[54] **SYSTEME D'ANALYSE DE LA QUALITE CLINIQUE**
[72] GAINES, DANIEL ADAM, US
[72] KNICKREHM, MARK A., US
[72] WEBB, KENNETH, US
[72] BYL, LEILEI, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2013-06-28
[86] 2011-12-30 (PCT/US2011/068177)
[87] (WO2012/092589)
[30] US (61/428,636) 2010-12-30

[21] **2,823,574**
[13] A1
[51] **Int.Cl. F03D 1/00 (2006.01) F03D 7/04 (2006.01)**
[25] EN
[54] **WIND POWER INSTALLATION AND METHOD FOR ADJUSTING THE ROTOR ROTATION AXIS**
[54] **EOLIENNE ET PROCEDE DE REGLAGE DE L'AXE DE ROTATION DU ROTOR**
[72] RICHERT, FRANK, DE
[72] PFLAUM, SEBASTIAN, DE
[71] SKYWIND GMBH, DE
[85] 2013-07-02
[86] 2011-07-07 (PCT/EP2011/003383)
[87] (WO2012/003985)
[30] DE (10 2010 031 081.6) 2010-07-07

[21] **2,823,576**
[13] A1
[51] **Int.Cl. G01M 3/28 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **FLUID LEAKAGE DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE FUITES DE FLUIDE**
[72] BOURGEOIS, PIERRE, BE
[71] CLEVERGAS HOLDING S.A., BE
[85] 2013-07-02
[86] 2012-01-11 (PCT/EP2012/050383)
[87] (WO2012/098038)
[30] EP (11151135.8) 2011-01-17

[21] **2,823,577**
[13] A1
[51] **Int.Cl. G10L 17/00 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **NATURAL ENROLMENT PROCESS FOR SPEAKER RECOGNITION**
[54] **TRAITEMENT D'INSCRIPTION NATURELLE POUR RECONNAISSANCE D'ORATEUR**
[72] GARCIA, WILSON A., NZ
[72] SAMUEL, GARFIELD, AU
[71] GARCIA, WILSON A., NZ
[71] SAMUEL, GARFIELD, AU
[85] 2013-07-02
[86] 2012-01-09 (PCT/US2012/020679)
[87] (WO2012/096901)
[30] US (61/431,402) 2011-01-10

[21] **2,823,578**
[13] A1
[51] **Int.Cl. C09K 3/14 (2006.01)**
[25] EN
[54] **COATED ABRASIVE AGGREGATES AND PRODUCTS CONTAINING SAME**
[54] **AGREGATS ABRASIFS REVETUS ET PRODUITS LES CONTENANT**
[72] WANG, JIANNA, US
[72] MANNING, JAMES J., US
[72] GOLDSMITH, PAUL S., US
[72] GAETA, ANTHONY C., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-06-28
[86] 2011-12-30 (PCT/US2011/068249)
[87] (WO2012/092619)
[30] US (61/428,811) 2010-12-30

[21] **2,823,579**
[13] A1
[51] **Int.Cl. A61B 17/64 (2006.01)**
[25] EN
[54] **CLAMP FOR TEMPORARY OR DEFINITIVE EXTERNAL ORTHOPAEDIC FIXATION, AND EXTERNAL FIXATION SYSTEM COMPRISING SAID CLAMP**
[54] **CLAMP POUR FIXATION ORTHOPEDIQUE EXTERNE TEMPORAIRE OU DEFINITIVE, ET SYSTEME DE FIXATION EXTERNE COMPRENANT LEDIT CLAMP**
[72] ZANDONA, ENRICO, IT
[72] LORENZINI, DENIS, IT
[72] VENTURINI, DANIELE, IT
[72] NAYAGAM, SELVADURAI, GB
[72] ASSOM, MARCO, IT
[71] ORTHOFIX S.R.L., IT
[85] 2013-07-02
[86] 2011-09-09 (PCT/EP2011/004549)
[87] (WO2012/107060)
[30] US (61/441,953) 2011-02-11

[21] **2,823,580**
[13] A1
[51] **Int.Cl. F16H 47/02 (2006.01) F16H 61/30 (2006.01)**
[25] EN
[54] **DRIVE DEVICE FOR AN AUTOMOTIVE WORK MACHINE**
[54] **DISPOSITIF D'ENTRAINEMENT POUR ENGIN DE TRAVAIL AUTOMOTEUR ET PROCEDE CORRESPONDANT**
[72] SCHNABEL, BERNHARD, DE
[71] NAF NEUNKIRCHENER ACHSENFABRIK AG, DE
[85] 2013-07-02
[86] 2012-03-16 (PCT/EP2012/054668)
[87] (WO2012/130639)
[30] EP (11159860.3) 2011-03-25

[21] **2,823,581**
[13] A1
[51] **Int.Cl. B05B 11/00 (2006.01) B65D 47/34 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **FOAM DISPENSER**
[54] **DISPOSITIF DISTRIBUTEUR DE MOUSSE**
[72] IIZUKA, SHIGEO, JP
[72] MIZUSHIMA, HIROSHI, JP
[71] YOSHINO KOGYOSYO CO., LTD., JP
[85] 2013-07-02
[86] 2012-01-27 (PCT/JP2012/000538)
[87] (WO2012/105206)
[30] JP (2011-019154) 2011-01-31
[30] JP (2011-239493) 2011-10-31

[21] **2,823,582**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12N 9/12 (2006.01)**
[25] EN
[54] **WHOLE BLOOD ASSAY FOR MEASURING AMPK ACTIVATION**
[54] **DOSAGE DU SANG ENTIER POUR MESURER L'ACTIVATION AMPK**
[72] MARKOVSTOV, VADIM, US
[72] HITOSHI, YASUMICHI, US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2013-07-02
[86] 2011-12-22 (PCT/US2011/066946)
[87] (WO2012/094173)
[30] US (61/430,472) 2011-01-06

[21] **2,823,583**
[13] A1
[51] **Int.Cl. B65D 47/34 (2006.01) B05B 11/00 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **FOAM DISPENSER**
[54] **DISTRIBUTEUR DE MOUSSE**
[72] MIZUSHIMA, HIROSHI, JP
[71] YOSHINO KOGYOSYO CO., LTD., JP
[85] 2013-07-02
[86] 2012-01-27 (PCT/JP2012/000541)
[87] (WO2012/105207)
[30] JP (2011-019065) 2011-01-31

[21] **2,823,584**
[13] A1
[51] **Int.Cl. C07C 233/18 (2006.01) C07C 231/14 (2006.01) C07C 233/31 (2006.01) C07D 209/48 (2006.01)**
[25] FR
[54] **NOVEL PROCESS FOR SYNTHESIZING AGOMELATINE**
[54] **NOUVEAU PROCEDE DE SYNTHESE DE L'AGOMELATINE**
[72] ZARD, SAMIR, FR
[72] SIRE, BEATRICE, FR
[72] BOUMEDIENE, MEHDI, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2013-07-02
[86] 2012-01-04 (PCT/FR2012/000004)
[87] (WO2012/093225)
[30] FR (11.00023) 2011-01-05

[21] **2,823,585**
[13] A1
[51] **Int.Cl. E04B 1/348 (2006.01) E04B 1/24 (2006.01) E04B 1/58 (2006.01)**
[25] EN
[54] **A NON-STANDARD, REINFORCED LOAD-BEARING CELL FOR A SIMPLIFIED, INTERCONNECTING CELLULAR CONSTRUCTION SYSTEM**
[54] **CELLULE DE SUPPORT DE CHARGE RENFORCEE NON STANDARD POUR UN SYSTEME DE CONSTRUCTION CELLULAIRE A INTERCONNEXION SIMPLIFIE**
[72] DAADOUSH, IYAD MOHAMAD ADNAN, SY
[71] DAADOUSH, IYAD MOHAMAD ADNAN, SY
[85] 2013-07-02
[86] 2012-01-10 (PCT/IB2012/000019)
[87] (WO2012/095721)
[30] US (13/004,856) 2011-01-11

[21] **2,823,587**
[13] A1
[51] **Int.Cl. C07C 231/02 (2006.01) C07C 233/18 (2006.01) C07C 253/30 (2006.01) C07C 255/37 (2006.01) C07C 255/40 (2006.01)**
[25] FR
[54] **PROCESS AND INTERMEDIATES FOR SYNTHESIZING AGOMELATINE**
[54] **PROCEDE ET INTERMEDIAIRES DE SYNTHESE DE L ' AGOMELATINE**
[72] ZARD, SAMIR, FR
[72] SIRE, BEATRICE, FR
[72] BOUMEDIENE, MEDHI, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2013-07-02
[86] 2012-01-04 (PCT/FR2012/000005)
[87] (WO2012/113999)
[30] FR (11.00024) 2011-01-05

[21] **2,823,588**
[13] A1
[51] **Int.Cl. C09D 5/24 (2006.01) C09D 4/00 (2006.01) C09D 183/06 (2006.01) G02B 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING ANTISTATIC UV CURABLE HARDCOATINGS ON OPTICAL ARTICLES**
[54] **PROCEDE DE PREPARATION DE COUCHES DURES ANTISTATIQUES DURCISSABLES SOUS UV SUR DES ARTICLES D'OPTIQUE**
[72] VALERI, ROBERT, US
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2013-07-02
[86] 2011-01-04 (PCT/US2011/020111)
[87] (WO2012/093995)

[21] **2,823,592**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61H 1/00 (2006.01) A61N 1/04 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **HIGH DENSITY EPIDURAL STIMULATION FOR FACILITATION OF LOCOMOTION, POSTURE, VOLUNTARY MOVEMENT, AND RECOVERY OF AUTONOMIC, SEXUAL, VASOMOTOR, AND COGNITIVE FUNCTION AFTER NEUROLOGICAL INJURY**
[54] **STIMULATION EPIDURALE A HAUTE DENSITE POUR FACILITER LA LOCOMOTION, LA POSTURE, LE MOUVEMENT VOLONTAIRE ET LE RETABLISSEMENT DE LA FONCTION D'AUTONOMIE, SEXUELLE, VASOMOTRICE ET COGNITIVE APRES LESION NEUROLOGIQUE**
[72] GERASIMENKO, YURY, US
[72] BURDICK, JOEL, US
[72] HODES, JONATHAN, US
[72] TAI, YU-CHONG, US
[72] ANGELI, CLAUDIA A., US
[72] EDGERTON, VICTOR REGGIE, US
[72] ROY, ROLAND R., US
[72] HARKEMA, SUSAN J., US
[72] NANDRA, MANDHEEREJ S., US
[72] DESAUTELS, THOMAS ANTHONY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
[85] 2013-07-02
[86] 2012-01-03 (PCT/US2012/020112)
[87] (WO2012/094346)
[30] US (61/429,368) 2011-01-03
[30] US (61/437,418) 2011-01-28
[30] US (61/469,555) 2011-03-30

[21] **2,823,596**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERSONALIZED MESSAGE DELIVERY**
[54] **PROCEDE ET SYSTEME POUR LA REMISE PERSONNALISEE DE MESSAGES**
[72] WALSH, THOMAS, US
[72] CATANI, STEVEN J., US
[72] COLLINS, MAURICE, US
[72] DIDYK, LAUREN M., US
[72] GIDLEY, HELENE, US
[72] GREGORKA, DAVID A., US
[72] HETRICK, JOHN, US
[72] MATTHES, JEFFREY, US
[72] SOX, THOMAS E., US
[72] STRECHER, VICTOR J., US
[71] WELLNESS & PREVENTION, INC., US
[85] 2013-07-02
[86] 2011-11-03 (PCT/US2011/059068)
[87] (WO2012/094056)
[30] US (61/429,228) 2011-01-03

[21] **2,823,599**
[13] A1
[51] **Int.Cl. H05K 9/00 (2006.01) H01G 4/35 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **CAPACITOR COUPLED CABLE SHIELD FEEDTHROUGH**
[54] **PASSE-CABLE BLINDE COUPLE A UN CONDENSATEUR**
[72] WITTKOP, ADAM J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2013-06-28
[86] 2011-12-06 (PCT/US2011/063358)
[87] (WO2012/099647)
[30] US (13/008,622) 2011-01-18

[21] **2,823,600**
[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 40/12 (2009.01) H04W 88/04 (2009.01) G06F 1/16 (2006.01) H04B 7/15 (2006.01)**
[25] EN
[54] **WIRELESS RELAY MODULE FOR REMOTE MONITORING SYSTEMS**
[54] **MODULE DE RELAIS SANS FIL POUR SYSTEMES DE TELESURVEILLANCE**
[72] GAINES, ROBERT B., US
[72] WIESNER, JOEL D., US
[72] BREITWEISER, KENNETH M., US
[72] HOLSTE, JOHN, US
[71] COVIDIEN LP, US
[85] 2013-07-02
[86] 2012-01-11 (PCT/US2012/021007)
[87] (WO2012/097112)
[30] US (13/006,769) 2011-01-14

[21] **2,823,601**
[13] A1
[51] **Int.Cl. A23K 1/18 (2006.01) A61K 35/74 (2006.01)**
[25] EN
[54] **PROBIOTIC FOOD SUITABLE FOR SALMONID FISH SPECIES AND THE PRODUCTION THEREOF**
[54] **ALIMENT PROBIOTIQUE CONCU POUR LES POISSONS DE L'ESPECE DES SALMONIDES ET SA PREPARATION**
[72] CASTRO INOSTROZA, ERICA, CL
[72] BORQUEZ YANEZ, RODRIGO, CL
[72] FERRER VALENZUELA, JAIME, CL
[72] TOLEDO AGUILAR, NATALIA, CL
[71] UNIVERSIDAD DE CONCEPCION, CL
[85] 2013-07-02
[86] 2011-12-29 (PCT/CL2011/000083)
[87] (WO2012/088621)
[30] CL (1628-2010) 2010-12-30

[21] **2,823,604**
[13] A1
[51] **Int.Cl. B02C 21/02 (2006.01)**
[25] EN
[54] **MOBILE CRUSHING SYSTEM**
[54] **INSTALLATION DE BROYAGE MOBILE**
[72] BLONDIN, WOLFGANG, DE
[72] GENIUS, WOLFGANG, DE
[72] SCHNEIDER, FRANK, DE
[71] THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH, DE
[85] 2013-07-02
[86] 2011-12-22 (PCT/EP2011/006499)
[87] (WO2012/092953)
[30] DE (10 2011 000 015.1) 2011-01-03

[21] **2,823,606**
[13] A1
[51] **Int.Cl. A61B 17/64 (2006.01) A61B 17/66 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **EXTERNAL ORTHOPAEDIC FIXATOR FOR THE ELBOW JOINT**
[54] **FIXATION ORTHOPEDIQUE EXTERNE POUR L'ARTICULATION DU COUDE**
[72] OTTOBONI, ANDREA, IT
[72] VENTURINI, DANIELE, IT
[71] ORTHOFIX S.R.L., IT
[85] 2013-07-02
[86] 2011-09-09 (PCT/EP2011/004551)
[87] (WO2012/107061)
[30] US (61/442,018) 2011-02-11

[21] **2,823,607**
[13] A1
[51] **Int.Cl. A61K 36/15 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING OPC AND OMEGA-3 FOR PREVENTING AND/OR INHIBITING THE DEVELOPMENT OF DIABETIC RETINOPATHY**
[54] **COMPOSITION CONTENANT DES OPC ET OMEGA-3 POUR PREVENIR ET/OU INHIBER LE DEVELOPPEMENT DE LA RETINOPATHIE DIABETIQUE**
[72] HADJ-SLIMANE, REDA, FR
[72] LEPELLETIER, YVES, FR
[72] HADJ-SLIMANE, TEWFIK, DZ
[71] VISIOTACT PHARMA, FR
[85] 2013-07-02
[86] 2012-01-13 (PCT/EP2012/050505)
[87] (WO2012/095525)
[30] EP (11305044.7) 2011-01-14

[21] **2,823,608**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DATA INVERSION WITH PHASE UNWRAPPING**
[54] **SYSTEME ET PROCEDE D'INVERSION DE DONNEES AVEC DEROULEMENT DE PHASE**
[72] SHAH, NIKHIL KOOLESH, US
[72] WASHBOURNE, JOHN KENNETH, US
[72] BUBE, KENNETH PAUL, US
[71] CHEVRON U.S.A. INC., US
[85] 2013-07-02
[86] 2012-03-09 (PCT/US2012/028470)
[87] (WO2012/170090)
[30] US (13/156,195) 2011-06-08

[21] **2,823,611**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 5/11 (2006.01)**
[25] FR
[54] **DEVICE FOR MEASURING COMPLIANCE WITH OXYGEN THERAPY USING A THREE-DIMENSIONAL ACCELEROMETER**
[54] **DISPOSITIF DE MESURE DE L'OBSERVANCE D'UN TRAITEMENT D'OXYGENOTHERAPIE A ACCELEROMETRE TRIDIMENSIONNEL**
[72] WEBER, CLAUDE, FR
[72] BERNARD, PHILIPPE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[85] 2013-07-02
[86] 2012-01-11 (PCT/FR2012/050071)
[87] (WO2012/104513)
[30] FR (1150798) 2011-02-02

[21] **2,823,612**
[13] A1
[51] **Int.Cl. B65G 21/20 (2006.01)**
[25] EN
[54] **A CONVEYOR WITH ADJUSTABLE LATERAL GUIDES**
[54] **TRANSPORTEUR A GUIDES LATERAUX REGLABLES**
[72] FRANZAROLI, MASSIMO, IT
[71] PULSAR S.R.L., IT
[85] 2013-07-02
[86] 2011-09-30 (PCT/IB2011/054310)
[87] (WO2012/090079)
[30] IT (IT BO2010U000136) 2010-12-30

[21] **2,823,613**
[13] A1
[51] **Int.Cl. B01J 20/22 (2006.01) B01J 20/18 (2006.01) B01J 20/34 (2006.01)**
[25] EN
[54] **RECOVERY OF ALKYL CHLORIDE ADSORBTION CAPACITY BY BASIC SOLUTION TREATMENT OF SPENT ADSORBENT**
[54] **RESTAURATION DE LA CAPACITE D'ADSORPTION DU CHLORURE D'ALKYLE SOUS L'EFFET D'UN TRAITEMENT AU MOYEN D'UNE SOLUTION BASIQUE DE L'ADSORBANT USE**
[72] DRIVER, MICHAEL S., US
[72] TIMKEN, HYE KYUNG, US
[71] CHEVRON U.S.A. INC., US
[85] 2013-07-02
[86] 2012-05-16 (PCT/US2012/038164)
[87] (WO2013/002908)
[30] US (13/169,695) 2011-06-27

[21] **2,823,615**
[13] A1
[51] **Int.Cl. G05B 19/045 (2006.01) G05B 19/042 (2006.01) H04N 5/232 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM OF CONTROLLING A REMOTE CONTROLLED DEVICE IN A REMOTE CONTROLLED SURGICAL PROCEDURE**
[54] **PROCEDE ET SYSTEME DE COMMANDE D'UN DISPOSITIF COMMANDE A DISTANCE AU COURS D'UNE OPERATION CHIRURGICALE COMMANDEE A DISTANCE**
[72] THOMAS, MONROE M., CA
[72] STEPHURE, MATTHEW J., CA
[72] ROBINSON, KEVIN G., CA
[71] CALGARY SCIENTIFIC, INC., CA
[85] 2013-07-02
[86] 2012-01-04 (PCT/IB2012/000009)
[87] (WO2012/093330)
[30] US (61/429,573) 2011-01-04

[21] **2,823,616**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/397 (2006.01)**
[25] EN
[54] **IMMUNOSUPPRESSANT FORMULATIONS**
[54] **FORMULATIONS D'IMMUNOSUPPRESSEURS**
[72] BOUILLOT, PHILIPPE, CH
[72] REYNAUD, EMERIC, CH
[71] NOVARTIS AG, CH
[85] 2013-07-03
[86] 2012-01-05 (PCT/EP2012/050151)
[87] (WO2012/093161)
[30] EP (11150431.2) 2011-01-07

[21] **2,823,617**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] FR
[54] **NOVEL ADHESIVE SURFACES FOR THE IMMOBILIZATION OF LIGANDS**
[54] **NOUVELLES SURFACES ADHESIVES POUR L'IMMOBILISATION DE LIGANDS**
[72] CORGIER, BENJAMIN, FR
[72] LEGOFF, GAELLE, FR
[72] MANDON, CELINE, FR
[72] BLUM, LOIC, FR
[72] MARQUETTE, CHRISTOPHE, FR
[71] AXOSCIENCE, FR
[85] 2013-07-02
[86] 2012-01-12 (PCT/FR2012/050085)
[87] (WO2012/095614)
[30] FR (11/50308) 2011-01-14

[21] **2,823,618**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **NONINVASIVE PRENATAL GENOTYPING OF FETAL SEX CHROMOSOMES**
[54] **GENOTYPAGE PRENATAL NON INVASIF DE CHROMOSOMES SEXUELS F□TAUX**
[72] LO, YUK MING DENIS, CN
[72] CHIU, WAI KWUN ROSSA, CN
[72] CHAN, KWAN CHEE, CN
[72] TSUI, BO YIN, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
[85] 2013-07-02
[86] 2012-01-05 (PCT/IB2012/000015)
[87] (WO2012/093331)
[30] US (61/430,032) 2011-01-05
[30] US (61/475,632) 2011-04-14

[21] **2,823,619**
[13] A1
[51] **Int.Cl. G01T 1/10 (2006.01) G01T 1/105 (2006.01)**
[25] FR
[54] **SENSITIVE CHARGE FOR PASSIVE DOSIMETRY, DOSIMETER COMPRISING SUCH A SENSITIVE CHARGE, AND READING SYSTEM BY ILLUMINATION OF SUCH A SENSITIVE CHARGE**
[54] **CHARGE SENSIBLE POUR DOSIMETRIE PASSIVE, DOSIMETRE COMPORTANT UNE TELLE CHARGE SENSIBLE ET SYSTEME DE LECTURE PAR ILLUMINATION D'UNE TELLE CHARGE SENSIBLE**
[72] NEGRE, JEAN-PAUL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2013-07-02
[86] 2012-01-30 (PCT/FR2012/050193)
[87] (WO2012/104533)
[30] FR (1150816) 2011-02-02

[21] **2,823,620**
[13] A1
[51] **Int.Cl. C22B 1/02 (2006.01) C22B 1/06 (2006.01) C22B 3/06 (2006.01) C22B 3/08 (2006.01) C22B 34/24 (2006.01) C22B 59/00 (2006.01) C22B 60/02 (2006.01)**
[25] EN
[54] **DISSOLUTION AND RECOVERY OF AT LEAST ONE ELEMENT NB OR TA AND OF AT LEAST ONE OTHER ELEMENT U OR RARE EARTH ELEMENTS FROM ORES AND CONCENTRATES**
[54] **DISSOLUTION ET RECUPERATION D'AU MOINS UN ELEMENT NB OU TA ET D'AU MOINS UN AUTRE ELEMENT U OU ELEMENTS DES TERRES RARES ISSUS DE MINERAIS ET DE CONCENTRES**
[72] AGIN, JEROME, FR
[72] DURUPT, NICOLAS, FR
[72] GRECO, ANTOINE, FR
[72] HAMMY, FATIMA, FR
[72] LAROCHE, GUILLAUME, FR
[72] THIRY, JACQUES, FR
[71] AREVA MINES, FR
[71] ERAMET, FR
[85] 2013-07-03
[86] 2012-01-06 (PCT/EP2012/050188)
[87] (WO2012/093170)
[30] FR (1150089) 2011-01-06

[21] **2,823,622**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 31/22 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **SOLID MOLECULAR DISPERSION OF FESOTERODINE**
[54] **DISPERSION MOLECULAIRE SOLIDE**
[72] BODMEIER, ROLAND, DE
[72] CARMODY, ALAN FRANCIS, GB
[72] CIPER, MESUT, DE
[72] DE PAEPE, ANNE THERESE GUSTAAF, GB
[72] FEEDER, NEIL, GB
[72] HEIMLICH, JOHN MARK, GB
[72] KORBER, MARTIN, DE
[72] WALTHER, MATHIAS, GB
[71] PFIZER LIMITED, GB
[85] 2013-07-02
[86] 2012-01-17 (PCT/IB2012/050225)
[87] (WO2012/098499)
[30] US (61/433,743) 2011-01-18

[21] **2,823,623**
[13] A1
[51] **Int.Cl. C10M 141/12 (2006.01)**
[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION FLUID WITH EXTENDED ANTI-SHUDDER DURABILITY**
[54] **FLUIDE DE TRANSMISSION VARIABLE EN CONTINU AYANT UNE DURABILITE ANTI-VIBRATIONS PROLONGEE**
[72] SUMIEJSKI, JAMES L., US
[72] ABRAHAM, WILLIAM D., US
[72] VICKERMAN, RICHARD J., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-06-28
[86] 2012-01-03 (PCT/US2012/020014)
[87] (WO2012/094275)
[30] US (61/429,535) 2011-01-04

[21] **2,823,625**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **MEDICAL HAND-HELD DEVICE**
[54] **DISPOSITIF MEDICAL A MAIN**
[72] CHEN, MING-WEN, TW
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-07-03
[86] 2012-01-16 (PCT/EP2012/050550)
[87] (WO2012/098071)
[30] EP (11151427.9) 2011-01-19

[21] **2,823,626**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **STAGED ACCESS POINTS**
[54] **POINTS D'ACCES ETAGES**
[72] GARN, JONATHAN, US
[72] LEE, YEE-SHIAN, US
[72] REAGAN, APRIL A., US
[72] KULKARNI, HARISH SRIPAD, US
[71] MICROSOFT CORPORATION, US
[85] 2013-06-28
[86] 2012-01-03 (PCT/US2012/020069)
[87] (WO2012/094310)
[30] US (61/429,715) 2011-01-04
[30] US (13/083,227) 2011-04-08

[21] **2,823,628**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 38/14 (2006.01) A61K 47/34 (2006.01)**
[25] EN
[54] **SPRAY DRYING VANCOMYCIN**
[54] **SECHAGE PAR ATOMISATION DE LA VANCOMYCINE**
[72] FRAGALE, CYNTHIA, US
[72] BRUECK, DANIEL, US
[71] HOSPIRA, INC., US
[85] 2013-06-28
[86] 2012-01-04 (PCT/US2012/020160)
[87] (WO2012/094381)
[30] US (61/429,844) 2011-01-05

[21] **2,823,629**
[13] A1
[51] **Int.Cl. A61K 36/28 (2006.01) A61K 31/12 (2006.01)**
[25] EN
[54] **MONOTERPENE DERIVATIVES OF CHALCONE OR DIHYDROCHALCONE AND THEIR USE AS DEPIGMENTING AGENTS**
[54] **DERIVES MONOTERPENES DE CHALCONE OU DE DIHYDROCHALCONE, ET LEUR UTILISATION EN TANT QU'AGENTS DE DEPIGMENTATION**
[72] MANDEAU, ANNE, FR
[72] POIGNY, STEPHANE, FR
[72] BELAUBRE, FRANCOISE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2013-07-03
[86] 2012-01-18 (PCT/EP2012/050669)
[87] (WO2012/098134)
[30] FR (1150386) 2011-01-18

[21] **2,823,630**
[13] A1
[51] **Int.Cl. A23C 9/123 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **SPOONABLE YOGURT PREPARATIONS CONTAINING NON-REPLICATING PROBIOTIC MICRO-ORGANISMS**
[54] **PREPARATIONS DE YAOURT EPAIS CONTENANT DES MICRO-ORGANISMES PROBIOTIQUES NON REPLICATIFS**
[72] MERCENIER, ANNICK, CH
[72] PRIOULT, GUENOLEE, CH
[72] NUTTEN, SOPHIE, CH
[71] NESTEC S.A., CH
[85] 2013-05-03
[86] 2011-11-10 (PCT/EP2011/069863)
[87] (WO2012/062868)
[30] EP (10190923.2) 2010-11-11

[21] **2,823,631**
[13] A1
[51] **Int.Cl. A61F 2/72 (2006.01) A61F 2/60 (2006.01) A61F 2/76 (2006.01)**
[25] EN
[54] **STUMBLE DETECTION SYSTEMS AND METHODS FOR USE WITH POWERED ARTIFICIAL LEGS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DES TREBUCHEMENTS UTILISABLES EN ASSOCIATION AVEC UNE JAMBE ARTIFICIELLE ACTIONNEE PAR UN MOTEUR**
[72] HUANG, HE, US
[71] BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND PROVI DENCE PLANTATIONS, US
[85] 2013-06-28
[86] 2012-01-05 (PCT/US2012/020318)
[87] (WO2012/094486)
[30] US (61/429,782) 2011-01-05

[21] **2,823,632**
[13] A1
[51] **Int.Cl. F24F 13/14 (2006.01) A62C 2/24 (2006.01) E05F 1/00 (2006.01)**
[25] EN
[54] **SMOKE AND HEAT EVACUATOR**
[54] **EVACUATEUR DE FUMEE ET DE CHALEUR**
[72] BALBO DI VINADIO, AIMONE, IT
[71] SAVIO S.P.A., IT
[85] 2013-07-02
[86] 2012-02-10 (PCT/IB2012/050613)
[87] (WO2012/107903)
[30] IT (TO2011A000115) 2011-02-11

[21] **2,823,633**
[13] A1
[51] **Int.Cl. B29C 45/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR CASTING A NON-PNEUMATIC TIRE**
[54] **APPAREIL PERMETTANT DE COULER UN BANDAGE NON PNEUMATIQUE**
[72] WILSON, BRIAN D., US
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2013-07-03
[86] 2011-01-06 (PCT/US2011/020299)
[87] (WO2012/094005)

[21] **2,823,634**
[13] A1
[51] **Int.Cl. H04N 13/04 (2006.01) G09G 3/20 (2006.01)**
[25] EN
[54] **DISPLAY APPARATUS, 3D GLASSES, AND CONTROL METHOD THEREOF**
[54] **APPAREIL D'AFFICHAGE, LUNETTES 3D ET PROCEDE DE COMMANDE ASSOCIE**
[72] SEO, JE-HWAN, KR
[72] HWANG, TAE-DON, KR
[72] KANG, YONG-JIN, KR
[72] JUNG, DO-SUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-07-02
[86] 2011-12-22 (PCT/KR2011/009997)
[87] (WO2012/093789)
[30] US (61/429,641) 2011-01-04
[30] KR (10-2011-0073649) 2011-07-25
[30] KR (10-2011-0133358) 2011-12-13

[21] **2,823,635**
[13] A1
[51] **Int.Cl. B01J 8/04 (2006.01)**
[25] EN
[54] **IMPROVED OXIDATION METHOD AND REACTOR**
[54] **PROCEDE ET REACTEUR D'OXYDATION PERFECTIONNES**
[72] SUCHAK, NARESH, US
[72] CHA, ZHIXIONG, US
[72] FITCH, FRANK R., US
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2013-07-02
[86] 2011-12-02 (PCT/US2011/063048)
[87] (WO2012/094078)
[30] US (12/984,206) 2011-01-04

[21] **2,823,636**
[13] A1
[51] **Int.Cl. G06K 9/18 (2006.01)**
[25] EN
[54] **ASSISTING MATRIX CODE CAPTURE BY SIGNALING MATRIX CODE READERS**
[54] **AIDE A LA CAPTURE DE CODE MATRICIEL PAR SIGNALISATION DE LECTEURS DE CODE MATRICIEL**
[72] GRATTON, MAX STEPHEN, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-07-02
[86] 2011-12-05 (PCT/US2011/063308)
[87] (WO2012/094083)
[30] US (12/984,385) 2011-01-04

[21] **2,823,637**
[13] A1
[51] **Int.Cl. H01B 1/02 (2006.01) H01B 1/04 (2006.01) H01B 9/04 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY CONDUCTOR COMPOSITE REINFORCED FOR HIGH VOLTAGE OVERHEAD POWER LINES**
[54] **COMPOSITE DE CONDUCTEUR EN ALLIAGE D'ALUMINIUM RENFORCE POUR LIGNES ELECTRIQUES AERIENNES A HAUTE TENSION**
[72] FANCHER, MICHAEL L., US
[72] ASSELIN, JEAN MARIE, CA
[72] GOODMAN, STEVEN R., US
[72] VAUGHN, BRUCE F., US
[71] ALCAN PRODUCTS CORPORATION, US
[85] 2013-06-28
[86] 2012-01-05 (PCT/US2012/020344)
[87] (WO2012/094504)
[30] US (12/985,073) 2011-01-05

[21] **2,823,639**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/02 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **HIGH YIELD SUSPENSION CELL LINE, SYSTEM, AND METHOD FOR MAKING SAME**
[54] **PROCEDE ET SYSTEME POUR LA CULTURE CELLULAIRE EN SUSPENSION**
[72] DENNING, GABRIELA D.C., US
[72] GAUTNEY, RICHARD E., US
[71] EXPRESSION THERAPEUTICS, LLC, US
[85] 2013-06-28
[86] 2012-01-05 (PCT/US2012/020378)
[87] (WO2012/094532)
[30] US (61/429,931) 2011-01-05

[21] **2,823,642**
[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61J 1/05 (2006.01) A61K 31/573 (2006.01) A61M 5/168 (2006.01) A61P 25/28 (2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **SUBCUTANEOUSLY INFUSIBLE LEVODOPA PRODRUG COMPOSITIONS AND METHODS OF INFUSION**
[54] **COMPOSITIONS DE PROMEDICAMENT DE LEVODOPA PERFUSABLE PAR VOIE SOUS-CUTANEE**
[72] HELLER, ADAM, US
[72] HELLER, EPHRAIM, US
[71] SYNAGILE CORPORATION, US
[85] 2013-07-02
[86] 2011-12-12 (PCT/US2011/064398)
[87] (WO2012/079072)
[30] US (61/421,902) 2010-12-10
[30] US (61/431,256) 2011-01-10
[30] US (61/492,227) 2011-06-01
[30] US (61/538,449) 2011-09-23

[21] **2,823,644**
[13] A1
[51] **Int.Cl. B60M 1/22 (2006.01)**
[25] EN
[54] **CANTILEVER ASSEMBLY**
[54] **ENSEMBLE CANTILEVER**
[72] GRAHAM, GARY, US
[72] CASEY, MATTHEW, US
[71] IMPULSE NC LLC, US
[85] 2013-06-28
[86] 2012-01-06 (PCT/US2012/020467)
[87] (WO2012/094584)
[30] US (12/930,488) 2011-01-07

[21] **2,823,645**
[13] A1
[51] **Int.Cl. F41H 5/04 (2006.01) B21B 1/00 (2006.01) B23K 20/04 (2006.01) B32B 15/01 (2006.01) C21D 9/42 (2006.01) C22C 38/08 (2006.01)**
[25] EN
[54] **DUAL HARDNESS STEEL ARTICLE AND METHOD OF MAKING**
[54] **ARTICLE EN ACIER A DOUBLE DURETE ET PROCEDE DE FABRICATION**
[72] STEFANSSON, NJALL, US
[72] BAILEY, RONALD E., US
[72] SWIATEK, GLENN J., US
[71] ATI PROPERTIES, INC., US
[85] 2013-07-02
[86] 2011-12-22 (PCT/US2011/066691)
[87] (WO2012/094160)
[30] US (12/986,213) 2011-01-07

[21] **2,823,647**
[13] A1
[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/33 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/67 (2006.01) A61P 17/00 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **MELANIN MODIFICATION COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE MODIFICATION DE MELANINE ET PROCEDES D'UTILISATION**
[72] MEHTA, RAHUL C., US
[72] MAKINO, ELIZABETH TSIN HO, US
[72] SONTI, SUJATHA D., US
[72] GARRUTO, JOHN A., US
[71] ALLERGAN, INC., US
[85] 2013-06-28
[86] 2012-01-06 (PCT/US2012/020550)
[87] (WO2012/094638)
[30] US (61/430,923) 2011-01-07

[21] **2,823,649**
[13] A1
[51] **Int.Cl. B65D 30/24 (2006.01) B65D 33/01 (2006.01) B65D 81/34 (2006.01)**
[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
[71] ULTRAPERF TECHNOLOGIES INC., CA
[85] 2013-07-30
[86] 2012-01-04 (PCT/CA2012/000014)
[87] (WO2012/103630)
[30] US (61/437,905) 2011-01-31

[21] **2,823,650**
[13] A1
[51] **Int.Cl. A23L 1/015 (2006.01) A23L 1/217 (2006.01) A23L 1/307 (2006.01)**
[25] EN
[54] **DE-OILING APPARATUS AND METHOD IN THE MANUFACTURE OF LOW OIL POTATO CHIPS**
[54] **APPAREIL ET PROCEDE DE DESHUILAGE DANS LA FABRICATION DE CROUSTILLES A FAIBLE TENEUR EN HUILE**
[72] SPURR, MICHAEL ALFRED JAMES, GB
[72] NEWBERRY, BRIAN RICHARD, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
[85] 2013-07-30
[86] 2012-01-27 (PCT/EP2012/051346)
[87] (WO2012/104216)
[30] GB (1101607.8) 2011-01-31

[21] **2,823,651**
[13] A1
[51] **Int.Cl. G06F 3/042 (2006.01) G06F 3/0488 (2013.01) G06F 1/16 (2006.01)**
[25] EN
[54] **LIGHT-BASED FINGER GESTURE USER INTERFACE**
[54] **INTERFACE D'UTILISATEUR DE DETECTION OPTIQUE D'UN GESTE DE DOIGT**
[72] ERIKSSON, THOMAS, SE
[72] LEINE, PER, SE
[72] LAVENO MANGELSDORFF, JOCHEN, SE
[72] PETTERSSON, ROBERT, SE
[72] JANSSON, ANDERS, SE
[72] GOERTZ, MAGNUS, SE
[71] NEONODE INC., US
[85] 2013-08-09
[86] 2012-11-14 (PCT/US2012/064901)
[87] (WO2013/081819)
[30] US (61/564,868) 2011-11-30

[21] **2,823,653**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENABLING A PEER-TO-PEER (P2P) CONNECTION**
[54] **SYSTEME ET PROCEDE D'ACTIVATION D'UNE CONNEXION PAIR A PAIR (P2P)**
[72] GEORGE, RICHARD JOHN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-07-03
[86] 2012-01-06 (PCT/CA2012/000012)
[87] (WO2012/092670)
[30] US (61/430,417) 2011-01-06

[21] **2,823,666**
[13] A1
[51] **Int.Cl. B24D 3/24 (2006.01) B24D 3/22 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ABRASIVE PARTICLE AND METHOD OF FORMING SAME**
[54] **PARTICULE ABRASIVE ET PROCEDE DE FORMATION ASSOCIE**
[72] WANG, JIANNA, US
[72] WANG, GUAN, US
[72] HERBERT, CHARLES G., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-06-28
[86] 2011-12-29 (PCT/US2011/067898)
[87] (WO2012/092494)
[30] US (61/428,268) 2010-12-30

[21] **2,823,667**
[13] A1
[51] **Int.Cl. B62K 15/00 (2006.01)**
[25] EN
[54] **ELLIPTICAL STROLLER ASSEMBLY**
[54] **ENSEMBLE POUSSETTE ELLIPTIQUE**
[72] VISCONTI, PIER PAOLO, US
[71] VISCONTI, PIER PAOLO, US
[85] 2013-07-31
[86] 2011-05-16 (PCT/US2011/036580)
[87] (WO2012/121738)
[30] US (13/045,256) 2011-03-10

[21] **2,823,668**
[13] A1
[51] **Int.Cl. C10B 1/04 (2006.01) C10B 53/07 (2006.01) C10G 1/10 (2006.01)**
[25] EN
[54] **THERMAL REACTOR**
[54] **REACTEUR THERMIQUE**
[72] SCHULZ, KLAUS-PETER, DE
[71] PYRUM INNOVATIONS INTERNATIONAL S.A., LU
[85] 2013-07-03
[86] 2012-01-03 (PCT/DE2012/100002)
[87] (WO2012/092924)
[30] DE (10 2011 000 037.2) 2011-01-05

[21] **2,823,685**
[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **MULTI-COMMERCE CHANNEL WALLET FOR AUTHENTICATED TRANSACTIONS**
[54] **PORTEFEUILLE UTILISANT DES CANAUX DE COMMERCE MULTIPLES POUR EFFECTUER DES TRANSACTIONS AUTHENTIFIEES**
[72] WONG, SHOON PING, US
[72] MOY, KENNETH CHUNG LEM, US
[72] MARTIG, CELINE, SG
[72] FOUREZ, PABLO, BE
[72] MUSHING, ALAN, GB
[72] LUNDEQUIST, FREDRIK, BE
[72] AMEISS, MICHAEL, US
[72] SHAON, MICHAEL, US
[71] MASTERCARD INTERNATIONAL, INC., US
[85] 2013-07-03
[86] 2011-08-12 (PCT/US2011/047678)
[87] (WO2012/021864)
[30] US (61/372,955) 2010-08-12
[30] US (61/468,847) 2011-03-29

[21] **2,823,686**
[13] A1
[51] **Int.Cl. A61K 8/65 (2006.01) A61K 9/06 (2006.01) A61K 47/36 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **RADIATION CROSS-LINKED COLLAGEN GEL, AND PREPARATION METHOD AND USAGE METHOD THEREOF**
[54] **GEL DE COLLAGENE RETICULE PAR RAYONNEMENT, SON PROCEDE DE PREPARATION ET D'UTILISATION**
[72] YU, JI CHUL, KR
[72] YEO, SE KEN, KR
[72] KIM, TAI HYOUNG, KR
[72] SHU, DONG SAM, KR
[72] CHANG, CHEONG HO, KR
[71] SEWON CELLONTECH CO., LTD., KR
[85] 2013-07-03
[86] 2011-02-17 (PCT/KR2011/001040)
[87] (WO2012/099293)
[30] KR (10-2011-0005588) 2011-01-19

[21] **2,823,687**
[13] A1
[51] **Int.Cl. E21B 47/13 (2012.01)**
[25] EN
[54] **DOWNHOLE FORMATION FLUID CONTAMINATION ASSESSMENT**
[54] **EVALUATION DE CONTAMINATION DE FLUIDE DE FORMATION DE FOND**
[72] JONES, CHRISTOPHER MICHAEL, US
[72] ENGELMAN, ROBERT E., US
[72] PELLETIER, MICHAEL T., US
[72] PROETT, MARK A., US
[72] RAJASINGAM, THURAIRAJASINGAM, IE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-07-03
[86] 2011-01-06 (PCT/US2011/020312)
[87] (WO2012/094007)

[21] **2,823,688**
[13] A1
[51] **Int.Cl. G01F 1/50 (2006.01) G01F 1/66 (2006.01) G01F 25/00 (2006.01)**
[25] EN
[54] **METHOD FOR IN-SITU CALIBRATING A DIFFERENTIAL PRESSURE PLUS SONAR FLOW METER SYSTEM USING DRY GAS CONDITIONS**
[54] **PROCEDE PERMETTANT D'ETALONNER IN SITU UN SYSTEME DE DEBITMETRE A PRESSION DIFFERENTIELLE ET DE DEBITMETRE A EFFET SONAR A L'AIDE DES CONDITIONS DU GAZ SEC**
[72] GYSLING, DANIEL L., US
[71] EXPRO METERS, INC., US
[85] 2013-07-03
[86] 2011-12-07 (PCT/US2011/063782)
[87] (WO2012/078782)
[30] US (61/420,598) 2010-12-07

[21] **2,823,689**
[13] A1
[51] **Int.Cl. A61K 35/50 (2006.01) C12N 5/073 (2010.01) A61K 35/12 (2006.01) A61P 17/02 (2006.01) A61P 19/04 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHODS FOR ACCELERATING THE HEALING OF CONNECTIVE TISSUE INJURIES AND DISORDERS**
[54] **METHODES D'ACCELERATION DE LA GUERISON DES LESIONS ET DES TROUBLES DU TISSU CONJONCTIF**
[72] SING, GEORGE L., US
[72] STEED, DAVID L., US
[71] STEMNION, INC., US
[85] 2013-07-03
[86] 2012-01-07 (PCT/US2012/000017)
[87] (WO2012/096796)
[30] US (61/460,913) 2011-01-10

[21] **2,823,690**
[13] A1
[51] **Int.Cl. G07F 9/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO AN AUTOMATED CONSUMER-INTERACTION EXPERIENCE**
[54] **PROCEDE ET APPAREIL RELATIFS A UNE EXPERIENCE D'INTERACTION AUTOMATISEE AVEC LE CONSOMMATEUR**
[72] SOBECKS, BRIAN J., US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020325)
[87] (WO2012/094491)
[30] US (61/430,739) 2011-01-07

[21] **2,823,691**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 11/36 (2006.01)**
[25] EN
[54] **FLOW ANALYSIS INSTRUMENTATION**
[54] **INSTRUMENTATION DE L'ANALYSE DE FLUX**
[72] ROBERTS, ANDREW F., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020334)
[87] (WO2012/094496)
[30] US (61/430,625) 2011-01-07

[21] **2,823,692**
[13] A1
[51] **Int.Cl. H05K 1/02 (2006.01) H01R 13/66 (2006.01) H02H 9/04 (2006.01) H04M 3/18 (2006.01)**
[25] EN
[54] **CATEGORY 6A SURGE PROTECTOR**
[54] **PARASURTENSEUR DE CATEGORIE 6A**
[72] ADOMAITIS, MATTHEW, US
[72] URBAN, RICHARD J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020349)
[87] (WO2012/094508)
[30] US (61/430,364) 2011-01-06
[30] US (13/342,951) 2012-01-03

[21] **2,823,693**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/02 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **GEOGRAPHICALLY LOCALIZED RECOMMENDATIONS IN A COMPUTING ADVICE FACILITY**
[54] **RECOMMANDATIONS GEOGRAPHIQUEMENT LOCALISEES DANS UNE INSTALLATION DE CONSEIL INFORMATIQUE**
[72] PINCKNEY, THOMAS, US
[72] DIXON, CHRISTOPHER, US
[72] GATTIS, MATTHEW RYAN, US
[71] EBAY INC., US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020362)
[87] (WO2012/094519)
[30] US (61/430,318) 2011-01-06
[30] US (61/438,684) 2011-02-02
[30] US (61/477,276) 2011-04-20
[30] US (13/155,964) 2011-06-08

[21] **2,823,695**
[13] A1
[51] **Int.Cl. G06Q 10/02 (2012.01) H02J 7/00 (2006.01)**
[25] EN
[54] **RESERVABLE ELECTRIC VEHICLE CHARGING GROUPS**
[54] **GROUPES RESERVABLES DE CHARGE DE VEHICULES ELECTRIQUES**
[72] SOLOMON, JAMES, US
[72] TORMEY, MILTON T., US
[72] MANDAL, PRAVEEN K., US
[72] LOWENTHAL, RICHARD, US
[72] BHADE, HARJINDER, US
[71] CHARGEPOINT, INC., US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020371)
[87] (WO2012/094527)
[30] US (12/985,317) 2011-01-05

[21] **2,823,697**
[13] A1
[51] **Int.Cl. G01S 19/07 (2010.01) G01S 19/41 (2010.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING CLOCK CORRECTIONS**
[54] **PROCEDE ET SYSTEME POUR DETERMINER DES CORRECTIONS D'HORLOGE**
[72] DAI, LIWEN L., US
[72] ZEITZEW, MICHAEL A., US
[72] CHEN, YIQUN, US
[72] ZHANG, YUJIE, US
[71] NAVCOM TECHNOLOGY, INC., US
[85] 2013-07-03
[86] 2012-01-11 (PCT/US2012/020866)
[87] (WO2012/097022)
[30] US (61/432,646) 2011-01-14
[30] US (13/109,025) 2011-05-17

[21] **2,823,699**
[13] A1
[51] **Int.Cl. A62B 18/02 (2006.01) A62B 7/10 (2006.01) A62B 9/00 (2006.01)**
[25] EN
[54] **VERTICAL DROP OUT BOX METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PRESENTATION AUTOMATIQUE VERTICALE DE BOITIER**
[72] GILL, CHRISTOPHER F., US
[71] AVOX SYSTEMS, INC., US
[85] 2013-07-03
[86] 2012-01-11 (PCT/US2012/020926)
[87] (WO2012/099753)
[30] US (13/011,876) 2011-01-22

[21] **2,823,700**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **MEDICAL DEVICE WIRELESS NETWORK ARCHITECTURES**
[54] **ARCHITECTURES DE RESEAU SANS FIL POUR DISPOSITIF MEDICAL**
[72] GAINES, ROBERT B., US
[72] WIESNER, JOEL D., US
[72] HOLSTE, JOHN, US
[71] COVIDIEN LP, US
[85] 2013-07-03
[86] 2012-01-12 (PCT/US2012/021008)
[87] (WO2012/097113)
[30] US (13/006,784) 2011-01-14

[21] **2,823,701**
[13] A1
[51] **Int.Cl. G01V 1/00 (2006.01)**
[25] EN
[54] **SHOT SCHEDULING LIMITS FOR SEISMIC ACQUISITION WITH SIMULTANEOUS SOURCE SHOOTING**
[54] **LIMITES DES PROGRAMMATIONS DE TIR POUR UNE ACQUISITION SISMIQUE EFFECTUEE AVEC DES TIRS SIMULTANES DE SOURCES**
[72] ABMA, RAYMOND, US
[72] BEAUDOIN, GERARD J., US
[72] JIANG, ZHIYONG, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-07-03
[86] 2012-01-12 (PCT/US2012/021031)
[87] (WO2012/097122)
[30] US (61/431,943) 2011-01-12

[21] **2,823,702**
[13] A1
[51] **Int.Cl. A23G 4/06 (2006.01) A23G 4/08 (2006.01) C08L 31/04 (2006.01)**
[25] EN
[54] **HYDROPHILIC GUM BASE**
[54] **BASE DE GOMME HYDROPHILE**
[72] STREET, GRAHAM T., GB
[72] HARRIS, LAWRENCE W., GB
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2013-07-03
[86] 2012-01-17 (PCT/US2012/021503)
[87] (WO2012/099849)
[30] GB (1100790.3) 2011-01-18
[30] US (61/443,005) 2011-02-15

[21] **2,823,703**
[13] A1
[51] **Int.Cl. A61B 5/0295 (2006.01) A61B 5/026 (2006.01) A61B 5/0275 (2006.01)**
[25] EN
[54] **IN-LINE FLOW METER**
[54] **DEBITMETRE EN LIGNE**
[72] NYHART, ELDON H., US
[71] BIOSYNERGETICS, INC., US
[85] 2013-07-03
[86] 2012-01-17 (PCT/US2012/021571)
[87] (WO2012/099889)
[30] US (61/433,408) 2011-01-17

[21] **2,823,704**
[13] A1
[51] **Int.Cl. B01F 7/24 (2006.01) B01F 15/00 (2006.01) B02C 19/22 (2006.01)**
[25] EN
[54] **IMPROVED MIXING SCREW**
[54] **VIS MELANGEUSE AMELIOREE**
[72] PELLMAN, DAVID, US
[71] PATZ CORPORATION, US
[85] 2013-07-03
[86] 2012-01-17 (PCT/US2012/021578)
[87] (WO2012/099892)
[30] US (61/433,522) 2011-01-17

[21] **2,823,705**
[13] A1
[51] **Int.Cl. A61K 31/74 (2006.01) A61K 38/19 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **WOUND HEALING DEVICE AND METHOD**
[54] **DISPOSITIF DE CICATRISATION DE PLAIES ET PROCEDE ASSOCIE**
[72] STEED, DAVID L., US
[72] RUPP, RANDALL G., US
[72] WESSEL, HOWARD C., US
[71] STEMNION, INC., US
[85] 2013-07-03
[86] 2012-01-17 (PCT/US2012/000027)
[87] (WO2012/099703)
[30] US (61/461,445) 2011-01-18
[30] US (61/461,951) 2011-01-25
[30] US (61/463,185) 2011-02-14

[21] **2,823,706**
[13] A1
[51] **Int.Cl. H05K 1/16 (2006.01)**
[25] EN
[54] **Z-DIRECTED CAPACITOR COMPONENTS FOR PRINTED CIRCUIT BOARDS**
[54] **COMPOSANTS CAPACITIFS ORIENTES DANS LE SENS Z POUR CARTES DE CIRCUIT IMPRIME**
[72] HARDIN, KEITH BRYAN, US
[72] FESSLER, JOHN THOMAS, US
[72] HALL, PAUL KEVIN, US
[72] OGLESBEE, ROBERT AARON, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2013-07-03
[86] 2011-01-21 (PCT/US2011/022012)
[87] (WO2012/099598)

[21] **2,823,707**
[13] A1
[51] **Int.Cl. C12N 15/85 (2006.01) A01K 67/027 (2006.01) A61K 49/00 (2006.01) C07K 16/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **NAV1.7 KNOCKOUT MICE AND USES THEREOF**
[54] **SOURIS A NAV1.7 INACTIVE ET LEURS UTILISATIONS**
[72] GINGRAS, JACINTHE, US
[72] MCDONOUGH, STEFAN I., US
[71] AMGEN INC., US
[85] 2013-07-03
[86] 2012-01-18 (PCT/US2012/021757)
[87] (WO2012/099983)
[30] US (61/433,910) 2011-01-18
[30] US (61/557,877) 2011-11-09

[21] **2,823,708**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 17/00 (2006.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **LOW EQUIVALENT CIRCULATION DENSITY SETTING TOOL**
[54] **OUTIL D'AJUSTEMENT DE BASSE PRESSION MANOMETRIQUE DE BOUE**
[72] WATSON, BROCK, US
[72] MOELLER, DANIEL, US
[72] MILLER, KEVIN J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-07-03
[86] 2011-12-27 (PCT/US2011/067379)
[87] (WO2012/094194)
[30] US (12/985,907) 2011-01-06

[21] **2,823,709**
[13] A1
[51] **Int.Cl. G05B 19/00 (2006.01)**
[25] EN
[54] **EVENT-BASED ASSET TRACKING, ORDER ADHERENCE, AND REWARDS MANAGEMENT WITH NFC-ENABLED ELECTRONIC DEVICES**
[54] **SUIVI D'EQUIPEMENTS MEDICAUX A BASE D'EVENEMENTS, OBSERVATION DE PRESCRIPTIONS MEDICALES ET GESTION DE RECOMPENSES AU MOYEN DE DISPOSITIFS ELECTRONIQUES A FONCTION DE COMMUNICATION EN CHAMP PROCHE (NFC)**
[72] BARRY, WALTER RICHARD, US
[71] BARRY, WALTER RICHARD, US
[85] 2013-07-03
[86] 2012-01-19 (PCT/US2012/021794)
[87] (WO2012/100009)
[30] US (61/434,429) 2011-01-19
[30] US (61/442,160) 2011-02-11
[30] US (61/484,188) 2011-05-09

[21] **2,823,710**
[13] A1
[51] **Int.Cl. G06T 17/05 (2011.01) G01V 1/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS REGARDING MODELS OF UNDERGROUND FORMATIONS**
[54] **PROCEDES ET SYSTEMES CONCERNANT DES MODELES DE FORMATIONS SOUTERRAINES**
[72] YARUS, JEFFREY M., US
[72] MAUCEC, MARKO, US
[72] CHAMBERS, RICHARD L., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2013-07-03
[86] 2011-01-27 (PCT/US2011/022659)
[87] (WO2012/102716)

[21] **2,823,711**
[13] A1
[51] **Int.Cl. H01J 49/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SAMPLE ANALYSIS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE D'ECHANTILLON**
[72] COOKS, ROBERT GRAHAM, US
[72] LI, GUANGTAO, US
[72] LI, XIN, US
[72] OUYANG, ZHENG, US
[71] PURDUE RESEARCH FOUNDATION (PRF), US
[85] 2013-07-03
[86] 2011-12-29 (PCT/US2011/067771)
[87] (WO2012/094227)
[30] US (61/430,021) 2011-01-05

[21] **2,823,712**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 3/10 (2006.01) C07K 14/775 (2006.01)**
[25] EN
[54] **APOLIPOPROTEIN AIV AS AN ANTIDIABETIC PEPTIDE**
[54] **APOLIPOPROTEINE AIV UTILISEE EN TANT QUE PEPTIDE ANTIDIABETIQUE**
[72] TSO, PATRICK, US
[72] DAVIDSON, SEAN, US
[72] WOODS, STEPHEN, US
[72] WANG, FEI, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2013-07-03
[86] 2012-01-19 (PCT/US2012/021802)
[87] (WO2012/100010)
[30] US (61/434,196) 2011-01-19

[21] **2,823,713**
[13] A1
[51] **Int.Cl. H02M 3/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RESONANT CONVERTER CONTROL**
[54] **PROCEDE ET APPAREIL SERVANT A COMMANDER UN CONVERTISSEUR RESONNANT**
[72] FORNAGE, MARTIN, US
[72] ZIMMANCK, DONALD RICHARD, US
[71] ENPHASE ENERGY, INC., US
[85] 2013-07-03
[86] 2012-01-02 (PCT/US2012/020006)
[87] (WO2012/094268)
[30] US (61/460,470) 2011-01-03

[21] **2,823,714**
[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/313 (2006.01) A61B 3/10 (2006.01) A61B 5/00 (2006.01) A61B 18/20 (2006.01) A61B 18/22 (2006.01) A61F 9/008 (2006.01)**
[25] EN
[54] **COMBINED SURGICAL ENDOPROBE FOR OPTICAL COHERENCE TOMOGRAPHY, ILLUMINATION OR PHOTOCOAGULATION**
[54] **ENDOSONDE CHIRURGICALE COMBINEE POUR TOMOGRAPHIE PAR COHERENCE OPTIQUE (OCT), ECLAIRAGE OU PHOTOCOAGULATION**
[72] YADLOWSKY, MICHAEL J., US
[72] PAPAC, MICHAEL JAMES, US
[72] HUCULAK, JOHN CHRISTOPHER, US
[71] ALCON RESEARCH, LTD., US
[85] 2013-07-03
[86] 2012-01-20 (PCT/US2012/021990)
[87] (WO2012/100138)
[30] US (61/435,031) 2011-01-21

[21] **2,823,715**
[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01) B66F 9/075 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEM FOR REMOTELY CONTROLLING A MATERIALS HANDLING VEHICLE**
[54] **SYSTEME DE TELECOMMANDE POUR VEHICULE DE MANUTENTION**
[72] KRAIMER, JAMES V., DE
[72] POLLACK, JAY G., US
[72] WELLMAN, TIMOTHY A., US
[72] MANCI, LEWIS H., US
[72] SIEFRING, VERNON W., US
[72] SCHUMACHER, MARK E., US
[72] GREEN, MATTHEW M., US
[72] CASTANEDA, ANTHONY T., US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2013-07-03
[86] 2012-01-20 (PCT/US2012/022011)
[87] (WO2012/100150)
[30] US (13/011,366) 2011-01-21

[21] **2,823,716**
[13] A1
[51] **Int.Cl. G01V 8/10 (2006.01) E21B 49/08 (2006.01) G01N 15/14 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A MID-INFRARED (MIR) SYSTEM FOR REAL TIME DETECTION OF PETROLEUM IN COLLOIDAL SUSPENSIONS OF SEDIMENTS AND DRILLING MUDS DURING DRILLING, LOGGING, AND PRODUCTION OPERATIONS**
[54] **METHODE ET APPAREIL POUR UN SYSTEME DANS L'INFRAROUGE MOYEN (IR MOYEN) POUR LA DETECTION EN TEMPS REEL DE PETROLE DANS DES SUSPENSIONS COLLOIDALES DE SEDIMENTS ET DES BOUES DE FORAGE LORS DES OPERATIONS DE FORAGE, DE DIAGRAPHIE ET DE PRODUCTION**
[72] SZOBOTA, JOHN S., US
[72] BROWN, JAMES M., US
[72] WALTERS, CLIFFORD C., US
[72] DISKO, MARK M., US
[72] MIZAIKOFF, BORIS, DE
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-07-03
[86] 2011-12-08 (PCT/US2011/063906)
[87] (WO2012/094094)
[30] US (61/429,637) 2011-01-04

[21] **2,823,717**
[13] A1
[51] **Int.Cl. B29D 99/00 (2010.01) B29B 11/16 (2006.01) B29C 70/22 (2006.01)**
[25] EN
[54] **PREFORM AND METHOD FOR REINFORCING WOVEN FIBER NODES**
[54] **PREFORME ET PROCEDE POUR RENFORCER DES N□UDS DE FIBRES TISSES**
[72] GOERING, JONATHAN, US
[72] BURGESS, KEITH EDWARD, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
[85] 2013-07-03
[86] 2012-01-20 (PCT/US2012/022024)
[87] (WO2012/100159)
[30] US (13/011,633) 2011-01-21

[21] **2,823,718**
[13] A1
[51] **Int.Cl. C22C 19/00 (2006.01)**
[25] EN
[54] **IMPROVING HOT WORKABILITY OF METAL ALLOYS VIA SURFACE COATING**
[54] **AMELIORATION DE L'APTITUDE AU TRAVAIL A CHAUD D'ALLIAGES METALLIQUES GRACE A UN REVETEMENT DE SURFACE**
[72] MINISANDRAM, RAMESH S., US
[72] KENNEDY, RICHARD L., US
[72] FORBES JONES, ROBIN M., US
[71] ATI PROPERTIES, INC., US
[85] 2013-07-03
[86] 2012-01-03 (PCT/US2012/020017)
[87] (WO2012/099710)
[30] US (13/007,692) 2011-01-17

[21] **2,823,719**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12Q 1/02 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING INNER EAR CELLS IN VITRO**
[54] **PROCEDES DE GENERATION DE CELLULES DE L'OREILLE INTERNE IN VITRO**
[72] HELLER, STEFAN, US
[72] RONAGHI, MOHAMMAD, US
[72] OSHIMA, KAZUO, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2013-07-03
[86] 2012-01-23 (PCT/US2012/022222)
[87] (WO2012/103012)
[30] US (61/435,541) 2011-01-24
[30] US (61/484,095) 2011-05-09

[21] **2,823,720**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04N 21/472 (2011.01) H04N 21/84 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR DISPLAYING AND CATEGORIZING NEWS FEED POSTS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE ET DE CATEGORISATION D'ARTICLES DE FILS DE NOUVELLES**
[72] TETREAULT, GINGER, CA
[71] TETREAULT, GINGER, CA
[85] 2013-07-12
[86] 2012-01-23 (PCT/CA2012/050036)
[87] (WO2012/097458)
[30] US (61/435,026) 2011-01-21

[21] **2,823,721**
[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) A61K 38/16 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS, DEVICES AND METHODS OF USE THEREOF FOR THE TREATMENT OF CANCERS**
[54] **COMPOSITIONS, DISPOSITIFS ET PROCEDES D'UTILISATION DE CELLES-CI DANS LE TRAITEMENT DES CANCERS**
[72] LEUNG, KARLING ALICE, US
[71] INTARCIA THERAPEUTICS, INC., US
[85] 2013-08-13
[86] 2012-02-14 (PCT/US2012/025140)
[87] (WO2012/112626)
[30] US (61/443,628) 2011-02-16

[21] **2,823,722**
[13] A1
[51] **Int.Cl. G06G 7/48 (2006.01)**
[25] EN
[54] **A QUANTITATIVE METHOD OF DETERMINING SAFE STEAM INJECTION PRESSURE FOR ENHANCED OIL RECOVERY OPERATIONS**
[54] **PROCEDE QUANTITATIF PERMETTANT DE DETERMINER UNE PRESSION D'INJECTION DE VAPEUR SURE POUR DES OPERATIONS DE RECUPERATION D'HUILE AMELIOREES**
[72] CHIN, LEE, US
[72] VIENOT, MICHAEL E., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2013-07-03
[86] 2012-02-07 (PCT/US2012/024075)
[87] (WO2012/109191)
[30] US (61/441,123) 2011-02-09

[21] **2,823,728**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **DEFERRED PAYMENT AND SELECTIVE FUNDING AND PAYMENTS**
[54] **PAIEMENT DIFFERE ET FINANCEMENT ET PAIEMENTS SELECTIFS**
[72] DWIGHT, JOHN, US
[72] LISIEWSKI, GREGORY, US
[72] WU, MICHAEL, US
[72] WHITFORD, THOMAS, US
[72] SINHA, PARIJAT, US
[72] ESCH, DARRELL, US
[72] GROOBEY, CAROLYN, US
[72] BIGLIN, BRIAN, US
[72] KRIPLANI, SANJEEV, US
[72] POGREB, SOFYA, US
[72] ZIGLER, GREGG, US
[71] EBAY INC., US
[85] 2013-06-18
[86] 2011-12-23 (PCT/US2011/067266)
[87] (WO2012/088533)
[30] US (61/427,062) 2010-12-23

[21] **2,823,729**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR EVALUATION OF HEMOSTASIS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR L'EVALUATION D'UNE HEMOSTASE**
[72] VIOLA, FRANCESCO, US
[72] WALKER, WILLIAM H., US
[72] BROWNE, GREGORY V., CA
[72] MAGYAR, ROBERT S., CA
[72] HANSEN, BJARNE, CA
[71] HEMOSONICS, LLC, US
[85] 2013-08-13
[86] 2012-02-15 (PCT/US2012/025270)
[87] (WO2013/105986)
[30] US (61/443,088) 2011-02-15

[21] **2,823,730**
[13] A1
[51] **Int.Cl. C09D 5/25 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01) H01B 3/30 (2006.01) H01B 7/02 (2006.01) H01B 13/00 (2006.01) H01B 13/16 (2006.01)**
[25] EN
[54] **INSULATING PAINT, INSULATED WIRE AND METHOD OF PRODUCING INSULATED WIRE**
[54] **MATERIAU DE REVETEMENT ISOLANT, FIL ISOLE ET PROCEDE DE PRODUCTION D'UN FIL ISOLE**
[72] OYA, MAKOTO, JP
[72] ONODERA, MAKOTO, JP
[72] IKEDA, KEISUKE, JP
[72] TOMIZAWA, KEIICHI, JP
[71] FURUKAWA ELECTRIC CO., LTD., JP
[71] FURUKAWA MAGNET WIRE CO., LTD., JP
[85] 2013-08-13
[86] 2012-10-18 (PCT/JP2012/076952)
[87] (WO2013/058318)
[30] JP (2011-229734) 2011-10-19

[21] **2,823,731**
[13] A1
[51] **Int.Cl. A41D 19/00 (2006.01)**
[25] EN
[54] **GLOVE HAVING BARRIER PROPERTIES**
[54] **GANT DOTE DE PROPRIETES DE BARRIERE**
[72] KIRK, PETER A., II, US
[72] HIRSCHEY, RYAN C., US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2013-06-28
[86] 2011-12-30 (PCT/US2011/068170)
[87] (WO2012/092585)
[30] US (61/428,770) 2010-12-30

[21] **2,823,732**
[13] A1
[51] **Int.Cl. G06F 12/08 (2006.01) G06F 1/32 (2006.01)**
[25] EN
[54] **DYNAMIC POWER MANAGEMENT OF CACHE MEMORY IN A MULTI-CORE PROCESSING SYSTEM**
[54] **GESTION DE PUISSANCE DYNAMIQUE D'UNE MEMOIRE CACHE D'UN SYSTEME DE TRAITEMENT MULTIC□UR**
[72] SHANNON, CHRISTOPHER JOHN, US
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-07-03
[86] 2011-03-25 (PCT/US2011/029981)
[87] (WO2012/134431)

[21] **2,823,733**
[13] A1
[51] **Int.Cl. G06K 9/18 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **MOBILE APPLICATION BAR CODE IDENTIFICATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION PAR CODE A BARRES POUR APPLICATION MOBILE**
[72] COHEN, BENJAMIN CHARLES, US
[72] ROSENBAUM, ANDREW MICHAEL, US
[71] FLASH SEATS, LLC, US
[85] 2013-07-03
[86] 2011-12-14 (PCT/US2011/064807)
[87] (WO2012/096749)
[30] US (61/432,673) 2011-01-14

[21] **2,823,734**
[13] A1
[51] **Int.Cl. B28B 7/38 (2006.01) C04B 24/08 (2006.01) C04B 24/26 (2006.01)**
[25] EN
[54] **HIGH VISCOSITY SPRAY EMULSION CONCRETE RELEASE AGENT**
[54] **AGENT DE DEMOULAGE DU BETON SE PRESENTANT SOUS LA FORME D'UNE EMULSION POUR PULVERISATION HAUTEMENT VISQUEUSE**
[72] HASINOVIC, HIDA, US
[72] SELS, ROB, NL
[72] BUYSMAN, EDWIN, NL
[71] ASHLAND LICENSING AND INTELLECTUAL PROPERTY, LLC, US
[85] 2013-07-03
[86] 2011-12-20 (PCT/US2011/066044)
[87] (WO2012/096762)
[30] US (61/432,943) 2011-01-14

[21] **2,823,735**
[13] A1
[51] **Int.Cl. B65D 81/24 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) B65D 25/02 (2006.01)**
[25] EN
[54] **CONTAINER WITH AN ABSORBENT SUPPORT BELOW THE FILTER**
[54] **CONTENANT COMPORTANT UN SUPPORT ABSORBANT PLACE SOUS LE FILTRE**
[72] CRUMP, JOHN W., US
[72] HURLEY, THOMAS J., US
[72] INCORVIA, SAMUEL A., US
[72] PAYNE, DAVID S., US
[72] QUINN, JONATHAN, US
[71] MULTISORB TECHNOLOGIES, INC., US
[85] 2013-07-03
[86] 2011-12-30 (PCT/US2011/068087)
[87] (WO2012/094244)
[30] US (12/984,321) 2011-01-04

[21] **2,823,736**
[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/335 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING AND METHODS OF USING INHIBITORS OF SODIUM-GLUCOSE COTRANSPORTERS 1 AND 2**
[54] **COMPOSITIONS CONTENANT DES INHIBITEURS DES CO-TRANSPORTEURS DE SODIUM-GLUCOSE 1 ET 2 ET PROCEDES POUR LES UTILISER**
[72] CHEN, JINLING, US
[72] NYAMWEYA, NASSER N., KE
[72] ONG, KENNETH K. H., CA
[71] LEXICON PHARMACEUTICALS, INC., US
[85] 2013-07-03
[86] 2012-01-03 (PCT/US2012/020042)
[87] (WO2012/094293)
[30] US (61/430,027) 2011-01-05

[21] **2,823,737**
[13] A1
[51] **Int.Cl. H02M 5/27 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RESONANT POWER CONVERSION**
[54] **PROCEDE ET APPAREIL DESTINES A UNE CONVERSION ELECTRONIQUE DE PUISSANCE RESONNANTE**
[72] FORNAGE, MARTIN, US
[72] ZIMMANCK, DONALD RICHARD, US
[71] ENPHASE ENERGY, INC., US
[85] 2013-07-03
[86] 2012-01-03 (PCT/US2012/020058)
[87] (WO2012/094306)
[30] US (61/460,526) 2011-01-04

[21] **2,823,739**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR INFLATING AND DEFLATING BALLOON CATHETERS**
[54] **APPAREIL ET PROCEDES DE GONFLAGE ET DE DEGONFLAGE DE CATHETERS A BALLONNET**
[72] BAGAOISAN, CELSO J., US
[72] GONG, GLEN, US
[72] PAI, SURESH, US
[72] SERSHEN, SCOTT ROBERT, US
[71] SPOTLIGHT TECHNOLOGY PARTNERS LLC, US
[85] 2013-07-03
[86] 2012-01-04 (PCT/US2012/020201)
[87] (WO2012/094403)
[30] US (61/430,082) 2011-01-05

[21] **2,823,740**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **RIGHTS CLEARANCE FOR GRANULAR RIGHTS**
[54] **VALIDATION DES DROITS POUR DES DROITS GRANULAIRES**
[72] MONTLER, KEVIN G., US
[72] ROSENSTEIN, DAVID E., US
[72] KING, DAVID G., US
[71] GOOGLE INC., US
[85] 2013-07-03
[86] 2012-01-04 (PCT/US2012/020218)
[87] (WO2012/094415)
[30] US (61/430,153) 2011-01-05
[30] US (13/314,998) 2011-12-08

[21] **2,823,741**
[13] A1
[51] **Int.Cl. A63B 53/04 (2006.01)**
[25] EN
[54] **GOLF CLUB HEADS WITH APERTURES AND METHODS TO MANUFACTURE GOLF CLUB HEADS**
[54] **TETES DE BATON DE GOLF AYANT DES OUVERTURES ET PROCEDES DE FABRICATION DE TETES DE BATON DE GOLF**
[72] SOLHEIM, JOHN A., US
[72] MORALES, ERIC J., US
[72] HENRIKSON, ERIK M., US
[72] COLE, ERIC V., US
[72] WOOD, PAUL D., US
[72] SCHWEIGERT, BRAD D., US
[72] JERTSON, MARTY R., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[85] 2013-07-03
[86] 2012-01-03 (PCT/US2012/020107)
[87] (WO2012/094341)
[30] US (61/429,692) 2011-01-04

[21] **2,823,742**
[13] A1
[51] **Int.Cl. G11B 27/36 (2006.01) G11B 27/02 (2006.01)**
[25] EN
[54] **LOGGING EVENTS IN MEDIA FILES**
[54] **JOURNALISATION D'EVENEMENTS DANS DES FICHIERS DE CONTENU MULTIMEDIA**
[72] BRAHMS, JASON, US
[72] KIDO, RYAN, US
[72] ZHUKOV, OLEKSANDR, US
[72] SHAROV, OLEG, US
[71] SONY CORPORATION, JP
[71] SONY DADC US INC., US
[85] 2013-07-03
[86] 2012-01-04 (PCT/US2012/020220)
[87] (WO2012/094417)
[30] US (61/429,720) 2011-01-04
[30] US (13/026,134) 2011-02-11
[30] US (61/534,275) 2011-09-13

[21] **2,823,743**
[13] A1
[51] **Int.Cl. G06Q 50/18 (2012.01)**
[25] EN
[54] **OWNERSHIP RESOLUTION SYSTEM**
[54] **SYSTEME DE RESOLUTION DE PROPRIETE**
[72] LAROSA, CHRISTOPHER, US
[72] LAEFER, JAY, US
[71] GOOGLE INC., US
[85] 2013-07-03
[86] 2012-01-04 (PCT/US2012/020221)
[87] (WO2012/094418)
[30] US (61/430,155) 2011-01-05
[30] US (13/207,309) 2011-08-10

[21] **2,823,756**
[13] A1
[51] **Int.Cl. H05B 7/152 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLING THE ELECTRODE OF AN ELECTRIC REDUCTION FURNACE**
[54] **DISPOSITIF DE REGLAGE DE L'ELECTRODE D'UN FOUR ELECTRIQUE A REDUCTION**
[72] KONIG, ROLAND, DE
[72] ROSE, LUTZ, DE
[72] STRIEDER, DETLEF, DE
[72] KLEIER, TIM, DE
[71] SMS SIEMAG AG, DE
[85] 2013-03-13
[86] 2012-01-31 (PCT/EP2012/051610)
[87] (WO2012/104323)
[30] DE (10 2011 003 468.4) 2011-02-01

[21] **2,823,770**
[13] A1
[51] **Int.Cl. C08J 5/24 (2006.01)**
[25] EN
[54] **COMPOSITE SEMIFINISHED PRODUCTS, MOLDED PARTS PRODUCED THEREFROM AND MOLDED PARTS PRODUCED DIRECTLY BASED ON HYDROXY-FUNCTIONALIZED (METH) ACRYLATES, WHICH ARE CROSS-LINKED BY MEANS OF URETDIONES IN A THERMOSETTING MANNER**
[54] **PRODUITS SEMI-FINIS COMPOSITES ET PIECES MOULEES PRODUITES A PARTIR DE CEUX-CI AINSI QUE PIECES MOULEES PRODUITES DIRECTEMENT A BASE DE (METH) ACRYLATES FONCTIONNALISES PAR UN HYDROXY QUI SONT RETICULES DE MANIERE DUROPLASTIQUE AU MOYEN D'URETDIONES**
[72] SCHMITT, GUNTER, DE
[72] REEMERS, SANDRA, DE
[72] SPYROU, EMMANOUIL, DE
[72] HEEB, HEIKE, DE
[72] KOHLSTRUK, STEPHAN, DE
[72] SCHMIDT, FRIEDRICH GEORG, DE
[72] GOLLAN, ELKE, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2013-07-04
[86] 2011-12-01 (PCT/EP2011/071450)
[87] (WO2012/093006)
[30] DE (10 2011 002 418.2) 2011-01-04

[21] **2,823,771**
[13] A1
[51] **Int.Cl. C01B 13/11 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT, INTRINSICALLY SAFE OZONE ELECTRODE**
[54] **ELECTRODE D'OZONE LEGERE A SECURITE INTRINSEQUE**
[72] FIETZEK, REINER, DE
[72] BILLING, ERNST MARTIN, DE
[72] FIEKENS, RALF, DE
[71] XYLEM IP HOLDINGS LLC, US
[85] 2013-07-04
[86] 2012-01-16 (PCT/EP2012/000153)
[87] (WO2012/097970)
[30] DE (10 2011 008 947.0) 2011-01-19

[21] **2,823,773**
[13] A1
[51] **Int.Cl. A47G 19/22 (2006.01) A47J 43/00 (2006.01) A47J 47/00 (2006.01) A61J 9/00 (2006.01)**
[25] EN
[54] **GERIATRIC CUP FEEDER AND METHOD OF USE**
[54] **DISPOSITIF D'ALIMENTATION GERIATRIQUE ET PROCEDE D'UTILISATION**
[72] ROUX, GABRIEL HENDRIK, AU
[71] ROUX, GABRIEL HENDRIK, AU
[85] 2013-07-04
[86] 2011-12-16 (PCT/AU2011/001621)
[87] (WO2012/092643)
[30] US (61/430,830) 2011-01-07

[21] **2,823,774**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/00 (2006.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF BRANCHED-CHAIN-AMINOTRANSFERASE-1 (BCAT1) FOR THE TREATMENT OF BRAIN TUMORS**
[54] **INHIBITEURS D'AMINOTRANSFERASE-1 RAMIFIEE (BCAT1) POUR LE TRAITEMENT DE TUMEURS CEREBRALES**
[72] RADLWIMMER, BERNHARD, DE
[72] TONJES, MARTJE, DE
[72] BARBUS, SEBASTIAN, DE
[72] LICHTER, PETER, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2013-07-04
[86] 2012-01-27 (PCT/EP2012/000378)
[87] (WO2012/100957)
[30] EP (11000720.0) 2011-01-28

[21] **2,823,775**
[13] A1
[51] **Int.Cl. B29C 45/28 (2006.01)**
[25] EN
[54] **INJECTION-MOULDING MACHINE WITH A SHUT-OFF NEEDLE**
[54] **DISPOSITIF DE MOULAGE PAR INJECTION DOTE D'UNE AIGUILLE D'OBTURATION**
[72] SCHWEININGER, STEFAN, DE
[72] WAGNER, CHRISTIAN, DE
[71] MHT MOLD & HOTRUNNER TECHNOLOGY AG, DE
[85] 2013-07-04
[86] 2012-01-02 (PCT/EP2012/050008)
[87] (WO2012/095327)
[30] DE (10 2011 002 586.3) 2011-01-12

[21] **2,823,777**
[13] A1
[51] **Int.Cl. E21B 25/00 (2006.01) B23C 3/30 (2006.01) B23D 21/02 (2006.01) B26D 3/00 (2006.01)**
[25] EN
[54] **CUTTING APPARATUS**
[54] **APPAREIL DE COUPE**
[72] RUTHERFORD, LORNE, US
[72] MAGEREN, OLIVIER, BE
[72] CHE, KHAC NGUYEN, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-07-04
[86] 2012-01-11 (PCT/EP2012/050394)
[87] (WO2012/095468)
[30] US (61/431,746) 2011-01-11

[21] **2,823,778**
[13] A1
[51] **Int.Cl. B60B 29/00 (2006.01) B60B 30/00 (2006.01) B60B 31/00 (2006.01) B62D 65/12 (2006.01)**
[25] EN
[54] **VEHICLE WHEEL CHANGING METHOD**
[54] **PROCEDE DE CHANGEMENT DE ROUE DE VEHICULE**
[72] CALVI, JOHN, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2013-07-04
[86] 2012-01-12 (PCT/AU2012/000020)
[87] (WO2012/094706)
[30] AU (2011900085) 2011-01-12
[30] AU (2011900086) 2011-01-12
[30] AU (2011900087) 2011-01-12

[21] **2,823,779**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/36 (2006.01) A47J 31/52 (2006.01)**
[25] EN
[54] **BREWING CHAMBER FOR A BEVERAGE PRODUCTION DEVICE**
[54] **CHAMBRE DE BRASSAGE POUR UN DISPOSITIF DE FABRICATION DE BOISSONS**
[72] MAHLICH, GOTTHARD, DE
[71] NESTEC S.A., CH
[85] 2013-07-04
[86] 2012-01-17 (PCT/EP2012/050599)
[87] (WO2012/098092)
[30] DE (20 2011 001 661.7) 2011-01-19

[21] **2,823,780**
[13] A1
[51] **Int.Cl. C07D 207/50 (2006.01) A61K 31/4015 (2006.01) A61K 31/402 (2006.01) A61K 31/4025 (2006.01) A61K 31/407 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 403/10 (2006.01) C07D 413/10 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NOVEL 4-AMINO-N-HYDROXY-BENZAMIDES AS HDAC INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **NOUVEAUX 4-AMINO-N-HYDROXY-BENZAMIDES EN TANT QU'INHIBITEURS DE HDAC POUR LE TRAITEMENT DU CANCER**
[72] LIN, XIANFENG, CN
[72] QIU, ZONGXING, CN
[72] TANG, GUOZHI, CN
[72] WONG, JASON CHRISTOPHER, CN
[72] ZHANG, ZHENSHAN, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-07-04
[86] 2012-01-18 (PCT/EP2012/050665)
[87] (WO2012/098132)
[30] CN (PCT/CN2011/070464) 2011-01-21

[21] **2,823,781**
[13] A1
[51] **Int.Cl. C07C 237/24 (2006.01) A61K 31/165 (2006.01) A61K 31/41 (2006.01) A61K 31/4245 (2006.01) A61P 13/12 (2006.01) C07D 257/00 (2006.01) C07D 271/00 (2006.01) C07D 305/00 (2006.01) C07D 311/00 (2006.01) C07D 333/00 (2006.01)**
[25] EN
[54] **NEW ARYL-BENZOCYCLOALKYL AMIDE DERIVATIVES**
[54] **NOUVEAUX DERIVES D'ARYLBENZOCYCLOALKYLAMIDES**
[72] AEBI, JOHANNES, CH
[72] BINGGELI, ALFRED, CH
[72] HERTEL, CORNELIA, CH
[72] KONKAR, ANISH ASHOK, CH
[72] KUEHNE, HOLGER, DE
[72] KUHN, BERND, CH
[72] MAERKI, HANS P., CH
[72] WANG, HAIYAN, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-07-04
[86] 2012-01-18 (PCT/EP2012/050667)
[87] (WO2012/101011)
[30] EP (11151890.8) 2011-01-24

[21] **2,823,802**
[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01) A63F 13/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR EXECUTING A LOTTERIZED VIDEO GAME**
[54] **PROCEDE ET APPAREIL D'EXECUTION D'UN JEU VIDEO DE LOTERIE**
[72] ADAMS, CAMERON, CA
[72] LAM, JASON, CA
[71] BRITISH COLUMBIA LOTTERY CORP., CA
[85] 2013-07-04
[86] 2012-01-06 (PCT/CA2012/000019)
[87] (WO2012/092672)
[30] US (61/430,889) 2011-01-07

[21] **2,823,804**
[13] A1
[51] **Int.Cl. C07D 215/48 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07D 401/04 (2006.01) C07D 401/10 (2006.01) C07D 413/10 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NOVEL TETRAHYDROQUINOLINE DERIVATIVES**
[54] **DERIVES INEDITS DE LA TETRAHYDROQUINOLINE**
[72] FENG, LICHUN, CN
[72] HUANG, MENGWEI, CN
[72] LIU, YONGFU, CN
[72] WU, GUOLONG, CN
[72] YAN, SHIXIANG, CN
[72] YUN, HONGYING, CN
[72] ZHOU, MINGWEI, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-07-04
[86] 2012-01-23 (PCT/EP2012/050922)
[87] (WO2012/101068)
[30] CN (PCT/CN2011/070644) 2011-01-26

[21] **2,823,805**
[13] A1
[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/02 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF CHARACTERISING A NARROWING IN A FLUID FILLED TUBE**
[54] **APPAREIL ET PROCEDE DE CARACTERISATION D'UN RETRECISSEMENT DANS UN TUBE REMPLI DE FLUIDE**
[72] DAVIES, HELEN CATHERINE STUART, GB
[72] DAVIES, JUSTIN, GB
[71] MEDSOLVE LIMITED, GB
[85] 2013-07-04
[86] 2012-01-06 (PCT/GB2012/050015)
[87] (WO2012/093260)
[30] GB (1100136.9) 2011-01-06

[21] **2,823,806**
[13] A1
[51] **Int.Cl. G02B 6/13 (2006.01) B23K 26/24 (2006.01) G02B 6/12 (2006.01)**
[25] EN
[54] **LASER REINFORCED DIRECT BONDING OF OPTICAL COMPONENTS**
[54] **LIAISON DIRECTE RENFORCEE AU LASER ENTRE DES COMPOSANTS OPTIQUES**
[72] HELIE, DAVID, CA
[72] VALLEE, REAL, CA
[72] LACROIX, FABRICE, FR
[71] UNIVERSITE LAVAL, CA
[71] INSTITUT FRANCO-ALLEMAND DE RECHERCHES DE SAINT-LOUIS, FR
[85] 2013-07-04
[86] 2012-01-10 (PCT/CA2012/000023)
[87] (WO2012/094737)
[30] US (61/431,177) 2011-01-10

[21] **2,823,807**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06T 11/80 (2006.01)**
[25] EN
[54] **METHOD FOR SUPPORTING MULTIPLE MENUS AND INTERACTIVE INPUT SYSTEM EMPLOYING SAME**
[54] **PROCEDE PERMETTANT DE PRENDRE EN CHARGE DE MULTIPLES MENUS ET SYSTEME D'ENTREE INTERACTIF UTILISANT CE PROCEDE**
[72] WESTERMANN, CHRIS, CA
[72] WILDE, KEITH, CA
[72] ZENG, QINGYUAN, CA
[72] ROUNDING, KATHRYN, CA
[72] PHAM, ANN DANG, CA
[71] SMART TECHNOLOGIES ULC, CA
[85] 2013-07-04
[86] 2012-01-12 (PCT/CA2012/000026)
[87] (WO2012/094740)
[30] US (61/431,848) 2011-01-12

[21] **2,823,809**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06T 11/80 (2006.01)**
[25] EN
[54] **METHOD OF SUPPORTING MULTIPLE SELECTIONS AND INTERACTIVE INPUT SYSTEM EMPLOYING SAME**
[54] **PROCEDE DE PRISE EN CHARGE DE MULTIPLES SELECTIONS ET SYSTEME D'ENTREE INTERACTIF UTILISANT CE PROCEDE**
[72] ROUNDING, KATHRYN, CA
[72] MILFORD, DAVID, CA
[72] MAN, SHIH-CHEN, CA
[72] BOYLE, MICHAEL, CA
[72] LEUNG, WILLIAM, CA
[71] SMART TECHNOLOGIES ULC, CA
[85] 2013-07-04
[86] 2012-01-12 (PCT/CA2012/000027)
[87] (WO2012/094741)
[30] US (61/431,853) 2011-01-12

[21] **2,823,810**
[13] A1
[51] **Int.Cl. H04L 12/18 (2006.01) H04W 4/12 (2009.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DELIVERY AND MANAGEMENT OF STATUS NOTIFICATIONS FOR GROUP MESSAGING**
[54] **DISTRIBUTION ET GESTION DE NOTIFICATIONS D'ETAT POUR MESSAGERIE DE GROUPE**
[72] CLARKE, MICHAEL FREDERICK HARNESS, CA
[72] KALYANASUNDARAM, SANJAY, US
[72] CARBONELL DUQUE, SANTIAGO, CO
[72] ROEX, CALVIN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-07-04
[86] 2012-01-05 (PCT/CA2012/050004)
[87] (WO2012/092677)
[30] US (61/430,460) 2011-01-06

[21] **2,823,811**
[13] A1
[51] **Int.Cl. A61B 5/021 (2006.01) A61B 5/02 (2006.01) A61B 5/0215 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF ASSESSING A NARROWING IN A FLUID FILLED TUBE**
[54] **APPAREIL ET PROCEDE D'EVALUATION D'UN RETRECISSEMENT DANS UN TUBE REMPLI DE FLUIDE**
[72] DAVIES, HELEN CATHERINE STUART, GB
[72] DAVIES, JUSTIN, GB
[71] MEDSOLVE LIMITED, GB
[85] 2013-07-04
[86] 2012-01-06 (PCT/GB2012/050024)
[87] (WO2012/093266)
[30] GB (1100137.7) 2011-01-06

[21] **2,823,812**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTIBODY MOLECULES WHICH BIND IL-17A AND IL-17F**
[54] **MOLECULES D'ANTICORPS SE LIANT A IL-17A ET IL-17F**
[72] ADAMS, RALPH, GB
[72] BAKER, TERENCE SEWARD, GB
[72] LAWSON, ALASTAIR DAVID GRIFFITHS, GB
[71] UCB PHARMA S.A., BE
[85] 2013-07-04
[86] 2012-01-11 (PCT/GB2012/050050)
[87] (WO2012/095662)
[30] US (61/432,814) 2011-01-14

[21] **2,823,813**
[13] A1
[51] **Int.Cl. D06F 58/28 (2006.01)**
[25] EN
[54] **IMPROVED DRYING METHOD**
[54] **PROCEDE DE SECHAGE PERFECTIONNE**
[72] JENKINS, STEPHEN DEREK, GB
[72] KENNEDY, FRAZER JOHN, GB
[72] BURKINSHAW, STEPHEN MARTIN, GB
[71] XEROS LIMITED, GB
[85] 2013-07-04
[86] 2012-01-19 (PCT/GB2012/050121)
[87] (WO2012/098408)
[30] GB (1100918.0) 2011-01-19

[21] **2,823,815**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **PAIRED END RANDOM SEQUENCE BASED GENOTYPING**
[54] **GENOTYPAGE FONDE SUR DES SEQUENCES ALEATOIRES A EXTREMITES APPARIEES**
[72] VAN EIJK, MICHAEL JOSEPHUS THERESIA, NL
[71] KEYGENE N.V., NL
[85] 2013-07-04
[86] 2012-01-13 (PCT/NL2012/050022)
[87] (WO2012/096579)
[30] US (61/432,915) 2011-01-14

[21] **2,823,816**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 37/00 (2006.01) E21B 37/02 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **TOOL AND METHOD TO PLUG AND ABANDON A WELL**
[54] **OUTIL ET PROCEDE DE BOUCHAGE ET D'ABANDON DE PUITS**
[72] LERBREKK, MORTEN, NO
[72] MELHUS, GEIR ARNE, NO
[71] TCO AS, NO
[85] 2013-07-04
[86] 2012-02-03 (PCT/NO2012/050016)
[87] (WO2012/105852)
[30] NO (20110190) 2011-02-03

[21] **2,823,817**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) H04W 4/14 (2009.01)**
[25] EN
[54] **DELIVERY AND MANAGEMENT OF STATUS NOTIFICATIONS FOR MULTIPLE MESSAGE FORMATS**
[54] **DISTRIBUTION ET GESTION DE NOTIFICATIONS DE STATUT POUR DE MULTIPLES FORMATS DE MESSAGE**
[72] CLARKE, MICHAEL FREDERICK HARNESS, CA
[72] KALYANASUNDARAM, SANJAY, US
[72] ROEX, CALVIN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-07-04
[86] 2012-01-06 (PCT/CA2012/050006)
[87] (WO2012/092679)
[30] US (61/430,455) 2011-01-06

[21] **2,823,818**
[13] A1
[51] **Int.Cl. H01F 38/10 (2006.01) H01F 27/24 (2006.01) H01F 27/26 (2006.01)**
[25] EN
[54] **POWER TRANSFORMER**
[54] **TRANSFORMATEUR DE PUISSANCE**
[72] HSIAO, CHING CHIEH, US
[72] XIONG, ZHI AN, CN
[71] WURTH ELECTRONICS MIDCOM, INC., US
[85] 2013-07-04
[86] 2012-01-06 (PCT/CN2012/070108)
[87] (WO2012/092877)
[30] CN (201110002714.2) 2011-01-07

[21] **2,823,820**
[13] A1
[51] **Int.Cl. H01Q 15/18 (2006.01) G02B 5/122 (2006.01)**
[25] FR
[54] **PASSIVE ELECTROMAGNETIC-WAVE REFLECTOR FOR MEASURING LOCAL STRAIN IN A STRUCTURE ON THE EARTH'S SURFACE**
[54] **REFLECTEUR PASSIF D'ONDE ELECTROMAGNETIQUE POUR LA MESURE DE DEFORMATION LOCALE DE STRUCTURE A LA SURFACE DE LA TERRE**
[72] LOREAUX, PHILIPPE, FR
[72] QUIN, GUILLAUME, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2013-07-04
[86] 2012-01-23 (PCT/EP2012/050927)
[87] (WO2012/101072)
[30] FR (11 50564) 2011-01-25

[21] **2,823,821**
[13] A1
[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **DEVICE FOR AT LEAST ONE OF INJECTION OR ASPIRATION**
[54] **DISPOSITIF DESTINE A UNE INJECTION ET/OU UNE ASPIRATION**
[72] WHEATLEY, BARRY LYNN, US
[72] MCDONELL, BRIAN WILLIAM, US
[71] ALCON RESEARCH, LTD., US
[85] 2013-07-04
[86] 2011-12-01 (PCT/US2011/062780)
[87] (WO2012/087528)
[30] US (12/976,038) 2010-12-22

[21] **2,823,822**
[13] A1
[51] **Int.Cl. C09D 17/00 (2006.01) B01F 17/00 (2006.01)**
[25] EN
[54] **LOW VOC AND APE FREE UNIVERSAL PAINT COLOURANT COMPOSITIONS**
[54] **COMPOSITIONS DE COLORANTS UNIVERSELS POUR PEINTURE SANS APE ET A FAIBLE TENEUR EN COV**
[72] AMIEL, PAT, CA
[72] CARLETON, ADAM, CA
[72] CRUMBLEHULME, ALISON, CA
[72] ELEZ, MIRCETA, CA
[72] PERSAUD, HERMAN, CA
[72] ROSHAN, RAHILA, CA
[72] MYERS-ALLEN, NERINE, CA
[71] FALCON TECHNOLOGIES INC., BB
[85] 2013-03-19
[86] 2010-09-14 (PCT/CA2010/001439)
[87] (WO2012/034208)

[21] **2,823,824**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4162 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DERIVATIVES OF AZAINDAZOLE OR DIAZAINDAZOLE TYPE AS MEDICAMENT**
[54] **DERIVES DE TYPE AZAINDAZOLE OU DIAZAINDAZOLE UTILISES COMME MEDICAMENTS**
[72] KALOUN, EL BACHIR, FR
[72] BEDJEGUELAL, KARIM, FR
[72] RABOT, REMI, FR
[72] KRUCZYNSKI, ANNA, FR
[72] SCHMITT, PHILIPPE, FR
[72] PEREZ, MICHEL, FR
[72] RAHIER, NICOLAS, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2013-07-04
[86] 2012-01-27 (PCT/EP2012/051283)
[87] (WO2012/101239)
[30] FR (1150651) 2011-01-27

[21] **2,823,825**
[13] A1
[51] **Int.Cl. A61B 18/28 (2006.01) A61F 9/008 (2006.01)**
[25] EN
[54] **WHITE COHERENT LASER LIGHT LAUNCHED INTO NANO FIBERS FOR SURGICAL ILLUMINATION**
[54] **LUMIERE LASER COHERENTE BLANCHE LANCEE DANS DES NANOFIBRES POUR UN ECLAIRAGE CHIRURGICAL**
[72] HORVATH, CHRISTOPHER, US
[72] PAPAC, MICHAEL J., US
[72] ROMODA, LASZLO, US
[72] SMITH, RONALD T., US
[72] YADLOWSKY, MICHAEL J., US
[71] ALCON RESEARCH, LTD., US
[85] 2013-07-04
[86] 2011-12-22 (PCT/US2011/066737)
[87] (WO2012/108942)
[30] US (61/440,568) 2011-02-08

[21] **2,823,826**
[13] A1
[51] **Int.Cl. H04N 21/8541 (2011.01) H04N 21/234 (2011.01)**
[25] EN
[54] **BROADCAST MEDIA STREAMING WITH CUSTOMIZED PLAYLIST INSERTION METHOD AND SYSTEM**
[54] **FLUX MULTIMEDIA DE DIFFUSION COMPORTANT UN PROCEDE ET UN SYSTEME D'INSERTION DE LISTE DE LECTURE PERSONNALISEE**
[72] GADOURY, JEAN-FRANCOIS, CA
[71] ANDO MEDIA LLC, CA
[85] 2013-07-03
[86] 2012-01-13 (PCT/CA2012/050020)
[87] (WO2012/094762)
[30] US (61/432,797) 2011-01-14

[21] **2,823,827**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **CROWD SOURCED TRAFFIC REPORTING**
[54] **RAPPORT DE TRAFIC D'EXTERNALISATION A GRANDE ECHELLE**
[72] GUEZIEC, ANDRE, US
[71] TRIANGLE SOFTWARE LLC, US
[85] 2013-07-04
[86] 2011-11-14 (PCT/US2011/060663)
[87] (WO2012/065188)
[30] US (61/413,473) 2010-11-14
[30] US (61/487,425) 2011-05-18

[21] **2,823,828**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REMOVAL OF GASEOUS CONTAMINANTS**
[54] **PROCEDE ET SYSTEME D'ELIMINATION DE CONTAMINANTS GAZEUX**
[72] LEISTER, JONATHAN WILLIAM, US
[72] VITSE, FREDERIC, US
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-07-04
[86] 2011-12-07 (PCT/US2011/063646)
[87] (WO2012/094089)
[30] US (61/430,280) 2011-01-06
[30] US (13/238,534) 2011-09-21

[21] **2,823,829**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **ADAPTIVE BITRATE STREAMING OF MEDIA STORED IN MATROSKA CONTAINER FILES USING HYPERTEXT TRANSFER PROTOCOL**
[54] **TRANSMISSION EN CONTINU A DEBIT BINAIRE ADAPTATIF DE CONTENU MULTIMEDIA STOCKE DANS DES FICHIERS CONTENEURS MATROSKA A L'AIDE D'UN PROTOCOLE DE TRANSFERT HYPERTEXTE**
[72] BRANESS, JASON, US
[72] VAN DER SCHAAR, AUKE SJOERD, US
[72] SOROUSHIAN, KOUROSH, US
[71] DIVX, LLC, US
[85] 2013-07-04
[86] 2011-12-22 (PCT/US2011/066927)
[87] (WO2012/094171)
[30] US (61/430,110) 2011-01-05
[30] US (13/221,794) 2011-08-30
[30] US (13/221,682) 2011-08-30

[21] **2,823,830**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING ADAPTIVE BITRATE STREAMING BASED UPON STREAM DELAY AND "CHANNEL RATE**
[54] **SYSTEMES ET PROCEDE POUR METTRE EN OEUVRE UNE DIFFUSION EN FLUX A DEBIT BINAIRE ADAPTATIF SUR LA BASE D'UN RETARD DE FLUX ET D'UN DEBIT DE VOIE**
[72] VAN DER SCHAAR, AUKE SJOERD, US
[72] NADERI, SOM, US
[71] DIVX, LLC, US
[85] 2013-07-04
[86] 2011-12-31 (PCT/US2011/068284)
[87] (WO2012/094258)
[30] US (61/430,502) 2011-01-06
[30] US (13/341,504) 2011-12-30
[30] US (13/341,667) 2011-12-30

[21] **2,823,832**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06K 9/68 (2006.01)**
[25] EN
[54] **A METHOD FOR MULTIPLE PASS SYMBOL AND COMPONENTS-BASED VISUAL OBJECT SEARCHING OF DOCUMENTS**
[54] **PROCEDE DE RECHERCHE D'OBJET VISUEL DANS DES DOCUMENTS, SUR LA BASE DE SYMBOLES ET DE COMPOSANTS, EN DE MULTIPLES PASSES**
[72] NOYES, PETER, US
[71] BLUEBEAM SOFTWARE, INC., US
[85] 2013-07-04
[86] 2011-12-29 (PCT/US2011/067950)
[87] (WO2012/106047)
[30] US (13/018,299) 2011-01-31

[21] **2,823,833**
[13] A1
[51] **Int.Cl. B66B 5/00 (2006.01) B66B 13/22 (2006.01)**
[25] EN
[54] **FUNCTION-MONITORING OF A SAFETY ELEMENT**
[54] **SURVEILLANCE DU FONCTIONNEMENT D'UN ELEMENT DE SECURITE**
[72] SONNENMOSER, ASTRID, CH
[72] HESS, MARTIN, CH
[72] MICHEL, DAVID, CH
[71] INVENTIO AG, CH
[85] 2013-07-04
[86] 2012-08-03 (PCT/EP2012/065303)
[87] (WO2013/020934)
[30] EP (11177268.7) 2011-08-11

[21] **2,823,834**
[13] A1
[51] **Int.Cl. F24D 5/12 (2006.01) F24D 9/00 (2006.01) F24D 11/02 (2006.01) F24H 4/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING EFFICIENT HEAT**
[54] **PROCEDE ET APPAREIL POUR FOURNIR UNE CHALEUR EFFICACE**
[72] KARLSTEDT, JOHAN HOLGER, FI
[71] KARLSTEDT, JOHAN HOLGER, FI
[85] 2013-07-04
[86] 2012-01-05 (PCT/FI2012/050011)
[87] (WO2012/093204)
[30] FI (20115019) 2011-01-07

[21] **2,823,836**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/007 (2012.01) E21B 44/06 (2006.01)**
[25] EN
[54] **METHOD FOR A PRESSURE RELEASE ENCODING SYSTEM FOR COMMUNICATING DOWNHOLE INFORMATION THROUGH A WELLBORE TO A SURFACE LOCATION**
[54] **PROCEDE POUR UN SYSTEME DE CODAGE DE DEGAGEMENT DE PRESSION SERVANT A COMMUNIQUER A UN EMPLACEMENT A LA SURFACE DES INFORMATIONS DE FOND A TRAVERS UN PUITS DE FORAGE**
[72] CLOSE, DAVID, US
[72] DEERE, PAUL, US
[71] WELLTRONICS APPLICATIONS LLC, US
[85] 2013-07-04
[86] 2011-12-30 (PCT/US2011/068066)
[87] (WO2012/094242)
[30] US (12/984,052) 2011-01-04
[30] US (13/018,212) 2011-01-31

[21] **2,823,837**
[13] A1
[51] **Int.Cl. C07K 17/02 (2006.01) A61K 31/66 (2006.01) A61K 31/7076 (2006.01) A61K 31/708 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **SMALL-MOLECULE HYDROPHOBIC TAGGING OF FUSION PROTEINS AND INDUCED DEGRADATION OF SAME**
[54] **MARQUAGE HYDROPHOBE DE PETITES MOLECULES DE PROTEINES DE FUSION ET DEGRADATION INDUITE DE CELLES-CI**
[72] CREWS, CRAIG M., US
[72] TAE, HYUN SEOP, US
[72] SCHNEEKLOTH, ASHLEY R., US
[72] NEKLESA, TAAVI, US
[72] SUNDBERG, THOMAS, US
[71] YALE UNIVERSITY, US
[85] 2013-07-04
[86] 2011-12-06 (PCT/US2011/063401)
[87] (WO2012/078559)
[30] US (61/420,584) 2010-12-07
[30] US (61/530,014) 2011-09-01

[21] **2,823,839**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HIGH-SPEED SEARCHING AND FILTERING OF LARGE DATASETS**
[54] **SYSTEMES ET PROCEDES DE RECHERCHE ET DE FILTRAGE A GRANDE VITESSE DE GRANDS ENSEMBLES DE DONNEES**
[72] WARD, ROY W., US
[72] ALAVI, DAVID S., US
[71] WARD, ROY W., US
[71] ALAVI, DAVID S., US
[85] 2013-07-04
[86] 2012-01-10 (PCT/US2012/020841)
[87] (WO2012/097009)
[30] US (61/431,423) 2011-01-10
[30] US (61/431,654) 2011-01-11

[21] **2,823,840**
[13] A1
[51] **Int.Cl. B26D 3/28 (2006.01) B26D 1/06 (2006.01) B26D 5/10 (2006.01)**
[25] EN
[54] **HAND-OPERATED RECIPROCATING SLICER**
[54] **TRANCHEUSE AYANT UN MOUVEMENT DE VA-ET-VIENT ET QUI EST MAN□UVREE A LA MAIN**
[72] HOLCOMB, DAVID A., US
[72] JOSSEM, ADAM A., US
[71] CHEF'N CORPORATION, US
[85] 2013-07-04
[86] 2012-01-13 (PCT/US2012/021186)
[87] (WO2012/097214)
[30] US (61/433,102) 2011-01-14
[30] US (13/211,080) 2011-08-16

[21] **2,823,841**
[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SIGNALING FOR MULTI-ANTENNA TRANSMISSION WITH PRECODING**
[54] **PROCEDE ET APPAREIL DE SIGNALISATION POUR EMISSION PAR ANTENNES MULTIPLES AVEC PRECODAGE**
[72] XI, FENGJUN, US
[72] PELLETIER, BENOIT, CA
[72] CAI, LUJING, US
[72] ZHANG, HONG O., US
[72] LEVY, JOSEPH S., US
[72] PANI, DIANA, CA
[72] LI, YINGXUE K., US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2013-07-04
[86] 2011-12-30 (PCT/US2011/068081)
[87] (WO2012/094243)
[30] US (61/430,756) 2011-01-07
[30] US (61/441,770) 2011-02-11
[30] US (61/481,070) 2011-04-29
[30] US (61/522,454) 2011-08-11

[21] **2,823,843**
[13] A1
[51] **Int.Cl. A63H 17/26 (2006.01) A63H 17/00 (2006.01) A63H 17/44 (2006.01) A63H 18/00 (2006.01)**
[25] EN
[54] **CONTAINER FOR SELF PROPELLED TOY VEHICLE**
[54] **CONTENANT POUR UN VEHICULE JOUET AUTOPROPULSE**
[72] SCRENCI, NICK, US
[72] PARIS, JEFFREY, US
[72] DIFAZIO, THOMAS LOUIS, US
[72] REINHARDT, DAVID EUGENE, US
[72] CHOI, CRACKY, CN
[71] MATTEL INC., US
[85] 2013-07-04
[86] 2012-01-04 (PCT/US2012/020215)
[87] (WO2012/094412)
[30] US (61/429,669) 2011-01-04

[21] **2,823,844**
[13] A1
[51] **Int.Cl. B60N 2/68 (2006.01) B64D 11/06 (2006.01)**
[25] FR
[54] **ULTRA LIGHTWEIGHT SEAT FOR AIRCRAFT**
[54] **SIEGE ULTRALEGER POUR AERONEF**
[72] SAADA, BENJAMIN JACOB, FR
[72] SAMUELIAN, JEAN-CHARLES MARCEL, FR
[72] TEJEDOR, VINCENT, FR
[71] EXPLISEAT, FR
[85] 2013-07-04
[86] 2012-01-30 (PCT/EP2012/051441)
[87] (WO2012/104248)
[30] FR (11/00305) 2011-02-01

[21] **2,823,846**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **WEB-BASED COLOR SELECTION SYSTEM**
[54] **SYSTEME DE SELECTION DE TEINTE BASEE SUR LE WEB**
[72] HENRY, MICHAEL J., US
[72] RAMSEY, BETH C., US
[72] BERAN, JOHN E., US
[72] GROVES, FRANCIS J., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2013-07-04
[86] 2012-01-03 (PCT/US2012/020045)
[87] (WO2012/094296)
[30] US (61/429,642) 2011-01-04
[30] US (13/342,283) 2012-01-03

[21] **2,823,848**
[13] A1
[51] **Int.Cl. C07C 211/35 (2006.01) A61K 31/13 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **NICOTINIC RECEPTOR NON-COMPETITIVE ANTAGONISTS**
[54] **ANTAGONISTES NON-COMPETITIFS DES RECEPTEURS NICOTINIQUES**
[72] AKIREDDY, SRINIVASA RAO, US
[72] BREINING, SCOTT R., US
[72] MELVIN, MATT S., US
[72] MURTHY, SRINIVASA V., US
[72] MAZUROV, ANATOLY A., US
[72] BHATTI, BALWINDER SINGH, US
[72] STRACHAN, JON-PAUL, US
[72] HEEMSTRA, RONALD JOSEPH, US
[72] SHOWALTER, TODD, US
[72] XIAO, YUNDE, US
[72] HAMMOND, PHILIP S., US
[72] MIAO, LAN, US
[72] KOMBO, DAVID, US
[72] YOHANNES, DANIEL, US
[72] SPEAKE, JASON, US
[71] TARGACEPT, INC., US
[85] 2013-07-04
[86] 2012-01-05 (PCT/US2012/020246)
[87] (WO2012/094437)
[30] US (61/430,640) 2011-01-07

[21] **2,823,849**
[13] A1
[51] **Int.Cl. C08K 3/22 (2006.01) C08G 18/02 (2006.01) C08K 5/52 (2006.01)**
[25] EN
[54] **POLYURETHANE FLAME RETARDANT FORMULATION**
[54] **FORMULATION D'IGNIFUGEANT POUR POLYURETHANE**
[72] BOURBIGOT, SERGE, FR
[72] DUQUESNE, SOPHIE, FR
[72] SAMYN, FABIENNE, FR
[72] MULLER, MARYSKA, FR
[72] LINDSAY, CHRIS IAN, BE
[72] KLEIN, RENE ALEXANDER, BE
[72] GIANNINI, GIACOMO, US
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2013-07-04
[86] 2012-02-09 (PCT/EP2012/052223)
[87] (WO2012/116885)
[30] EP (11156519.8) 2011-03-02

[21] **2,823,850**
[13] A1
[51] **Int.Cl. B05D 7/00 (2006.01) B05D 7/14 (2006.01) C09D 5/44 (2006.01)**
[25] EN
[54] **MULTI-LAYER COATING FILMS**
[54] **FILMS DE REVETEMENT A COUCHES MULTIPLES**
[72] SCHIPFER, RUDOLF, AT
[72] FEOLA, ROLAND, AT
[72] KUTTLER, ULRIKE, AT
[71] CYTEC AUSTRIA GMBH, AT
[85] 2013-07-04
[86] 2012-02-21 (PCT/EP2012/052916)
[87] (WO2012/113781)
[30] EP (11155271.7) 2011-02-21

[21] **2,823,851**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR APERIODIC SRS SUBFRAME CONFIGURATION AND SIGNALING**
[54] **PROCEDE POUR LA CONFIGURATION ET LE SIGNALEMENT DE SOUS-TRAME SRS APERIODIQUE**
[72] GAO, SHIWEI, CA
[72] SMITH, JACK, US
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-07-04
[86] 2012-01-05 (PCT/US2012/020263)
[87] (WO2012/094447)
[30] US (61/430,705) 2011-01-07

[21] **2,823,853**
[13] A1
[51] **Int.Cl. E06B 9/262 (2006.01)**
[25] EN
[54] **CELLULAR SHADE ASSEMBLY AND METHOD FOR CONSTRUCTING SAME**
[54] **ENSEMBLE DE STORE ALVEOLAIRE ET PROCEDE DE CONSTRUCTION DE CELUI-CI**
[72] RUPEL, JOHN D., US
[72] CHESLOCK, SCOTT R., US
[71] HUNTER DOUGLAS INC., US
[85] 2013-07-04
[86] 2012-01-05 (PCT/US2012/020264)
[87] (WO2012/094448)
[30] US (12/985,936) 2011-01-06

[21] **2,823,854**
[13] A1
[51] **Int.Cl. C07C 253/30 (2006.01) C07C 227/04 (2006.01) C07C 229/08 (2006.01) C07C 255/19 (2006.01) C08G 69/04 (2006.01)**
[25] FR
[54] **PROCESS FOR PRODUCING NITRILE-FATTY ACID COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COMPOSES NITRILE-ACIDE GRAS**
[72] BRANDHORST, MARKUS, FR
[72] COUTURIER, JEAN-LUC, FR
[72] DUBOIS, JEAN-LUC, FR
[71] ARKEMA FRANCE, FR
[85] 2013-07-04
[86] 2011-12-14 (PCT/FR2011/052990)
[87] (WO2012/095575)
[30] FR (1150173) 2011-01-10
[30] FR (1155174) 2011-06-14

[21] **2,823,856**
[13] A1
[51] **Int.Cl. E06B 9/262 (2006.01)**
[25] EN
[54] **CELLULAR SHADE HAVING AT LEAST TWO CELLULAR COLUMNS**
[54] **STORE ALVEOLAIRE COMPORTANT AU MOINS DEUX COLONNES ALVEOLAIRES**
[72] RUPEL, JOHN D., US
[71] HUNTER DOUGLAS INC., US
[85] 2013-07-04
[86] 2012-01-05 (PCT/US2012/020267)
[87] (WO2012/094449)
[30] US (12/985,971) 2011-01-06

[21] **2,823,857**
[13] A1
[51] **Int.Cl. B29C 73/04 (2006.01) B29C 73/26 (2006.01) B64D 29/00 (2006.01)**
[25] FR
[54] **METHOD FOR REPAIRING AT LEAST A PORTION OF AN ACOUSTIC PANEL FOR A NACELLE**
[54] **PROCEDE DE REPARATION D'AU MOINS UNE PARTIE D'UN PANNEAU ACOUSTIQUE POUR UNE NACELLE**
[72] MOUTIER, JOHN, FR
[72] ANFRAY, EMMANUEL, FR
[72] MAZE, FRANCK, FR
[72] SIMON, HERVE, FR
[71] AIRCELLE, FR
[85] 2013-07-04
[86] 2012-01-10 (PCT/FR2012/050061)
[87] (WO2012/095602)
[30] FR (11/50284) 2011-01-13

[21] **2,823,860**
[13] A1
[51] **Int.Cl. A45D 40/02 (2006.01) A45D 40/04 (2006.01) A45D 40/20 (2006.01)**
[25] EN
[54] **CONSUMER CARE PACKAGING**
[54] **EMBALLAGE POUR SOINS S'ADRESSANT AUX CONSOMMATEURS**
[72] CRAWFORD, JOHN C., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-07-11
[86] 2011-02-01 (PCT/US2011/023359)
[87] (WO2012/105963)

[21] **2,823,861**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/087 (2006.01) A61B 5/097 (2006.01) G01F 1/44 (2006.01)**
[25] FR
[54] **APPARATUS FOR TRACKING COMPLIANCE WITH A TREATMENT FOR OBSTRUCTIVE SLEEP APNEA**
[54] **APPAREIL DE SUIVI DE L'OBSERVANCE D'UN TRAITEMENT DE L'APNEE OBSTRUCTIVE DU SOMMEIL**
[72] WEBER, CLAUDE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[85] 2013-07-04
[86] 2012-01-11 (PCT/FR2012/050072)
[87] (WO2012/114004)
[30] FR (1151484) 2011-02-24

[21] **2,823,862**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **DISPLAYING PHONE NUMBER ON THE LANDING PAGE BASED ON KEYWORDS**
[54] **AFFICHAGE DE NUMERO DE TELEPHONE SUR LA PAGE D'ACCUEIL BASE SUR DES MOTS-CLES**
[72] CHATTERJEE, SUROJIT, US
[72] KOTHARI, ANSHU, US
[72] CHEN, CHEN, US
[71] GOOGLE INC., US
[85] 2013-07-04
[86] 2012-01-06 (PCT/US2012/020461)
[87] (WO2012/094581)
[30] US (12/985,745) 2011-01-06

[21] **2,823,864**
[13] A1
[51] **Int.Cl. B60C 29/06 (2006.01) B63B 7/08 (2006.01)**
[25] FR
[54] **INFLATION DEVICE**
[54] **DISPOSITIF DE GONFLAGE**
[72] NOCA, LAURENT, FR
[72] ARNAUD, SYLVAIN, FR
[71] APPLICATION DES GAZ, FR
[85] 2013-07-04
[86] 2012-01-19 (PCT/FR2012/050118)
[87] (WO2012/107662)
[30] FR (11/51059) 2011-02-10

[21] **2,823,867**
[13] A1
[51] **Int.Cl. E06B 3/663 (2006.01) E06B 3/667 (2006.01)**
[25] FR
[54] **SPACER, CONNECTOR AND INSULATING GLAZING**
[54] **ESPACEUR, CONNECTEUR ET VITRAGE ISOLANT**
[72] RIPOCHE, XAVIER, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2013-07-04
[86] 2012-01-30 (PCT/FR2012/050185)
[87] (WO2012/107664)
[30] FR (1150991) 2011-02-08

[21] **2,823,870**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/00 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **INHIBITORS OF THE INTERACTION OF THE SIGMA-1 RECEPTOR WITH HERG FOR USE IN THE TREATMENT OF CANCER**
[54] **UTILISATION DU RECEPTEUR SIGMA-1 POUR REGULER L'EXPRESSION DES CANAUX IONIQUES AU NIVEAU POST-TRANSCRIPTIONNEL**
[72] SORIANI, OLIVIER, FR
[72] BORGESE, MAURO FRANCK, FR
[72] MARTIAL, SONIA, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[71] UNIVERSITE NICE SOPHIA ANTIPOLIS, FR
[85] 2013-07-04
[86] 2012-01-31 (PCT/FR2012/050213)
[87] (WO2012/104550)
[30] FR (1150709) 2011-01-31

[21] **2,823,873**
[13] A1
[51] **Int.Cl. A61B 17/62 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR BONE ACCESS AND CAVITY PREPARATION**
[54] **APPAREIL ET PROCEDES POUR ACCES A UN OS ET PREPARATION D'UNE CAVITE**
[72] TAYLOR, KYLE, US
[72] HERTEL, STEFAN J., US
[72] PETERSON, ALEX A., US
[72] BRENZEL, MICHAEL P., US
[72] KRUSE, STEVE D., US
[72] KRINKE, TODD A., US
[72] HINDRICHS, PAUL, US
[71] CONVENTUS ORTHOPAEDICS, INC., US
[85] 2013-07-04
[86] 2011-01-19 (PCT/US2011/021735)
[87] (WO2011/091052)
[30] US (61/296,722) 2010-01-20
[30] US (61/389,507) 2010-10-04

[21] **2,823,878**
[13] A1
[51] **Int.Cl. C07F 9/08 (2006.01) B01D 21/01 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **PHOSPHORIC ACID PRODUCTION GYPSUM FILTRATION FLOCCULANT PRE-DILUTION (MAKE DOWN) WITH POST-FILTRATION PHOSPHORIC ACID**
[54] **PRE-DILUTION D'UN FLOCULANT DE FILTRATION DE GYPSE POUR LA PRODUCTION D'ACIDE PHOSPHORIQUE AVEC POST-FILTRATION DE L'ACIDE PHOSPHORIQUE**
[72] DAVIS, RONALD V., US
[72] MOSS, WAYNE L., US
[72] STROMINGER, MICHAEL G., US
[72] RENZELLO, RANDON, US
[72] FAIGL, THOMAS A., US
[72] HAY, DANIEL N. T., US
[71] NALCO COMPANY, US
[85] 2013-07-04
[86] 2012-01-03 (PCT/US2012/020033)
[87] (WO2012/094286)
[30] US (12/984,331) 2011-01-04

[21] **2,823,880**
[13] A1
[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **PREDICTIVE ENCODING METHOD, PREDICTIVE ENCODING DEVICE, AND PREDICTIVE ENCODING PROGRAM OF MOTION VECTOR, AND, PREDICTIVE DECODING METHOD, PREDICTIVE DECODING DEVICE, AND PREDICTIVE DECODING PROGRAM OF MOTION VECTOR**
[54] **PROCEDE DE CODAGE DE PREDICTION, DISPOSITIF DE CODAGE DE PREDICTION ET PROGRAMME DE CODAGE DE PREDICTION, AINSI QUE PROCEDE DE DECODAGE DE PREDICTION, DISPOSITIF DE DECODAGE DE PREDICTION ET PROGRAMME DE DECODAGE DE PREDICTION POUR VECTEUR DE MOUVEMENT**
[72] FUJIBAYASHI, AKIRA, JP
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[71] NTT DOCOMO, INC., JP
[85] 2013-07-04
[86] 2011-12-20 (PCT/JP2011/079540)
[87] (WO2012/093585)
[30] JP (2011-002205) 2011-01-07

[21] **2,823,884**
[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **TRAVEL SITUATION DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE CONDITIONS DE DEPLACEMENT**
[72] YANO, KOICHI, JP
[71] THE AQUA ENTERPRISE COMPANY, JP
[85] 2013-07-04
[86] 2011-12-27 (PCT/JP2011/080176)
[87] (WO2012/093618)
[30] JP (PCT/JP2011/050105) 2011-01-06

[21] **2,823,886**
[13] A1
[51] **Int.Cl. C12N 7/02 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **MEANS FOR GENERATING ADENOVIRAL VECTORS FOR CLONING LARGE NUCLEIC ACIDS**
[54] **MOYENS DE CREATION DE VECTEURS ADENOVIRAUX POUR LE CLONAGE DE GRANDS ACIDES NUCLEIQUES**
[72] THIRION, CHRISTIAN, DE
[71] SIRION BIOTECH GMBH, DE
[85] 2013-06-28
[86] 2011-12-30 (PCT/EP2011/006612)
[87] (WO2012/089348)
[30] EP (10 016 217.1) 2010-12-30

[21] **2,823,888**
[13] A1
[51] **Int.Cl. G10H 1/00 (2006.01) G10K 15/02 (2006.01) H04N 5/93 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **AUTOMATIC MUSICAL PERFORMANCE DEVICE**
[54] **DISPOSITIF D'EXECUTION MUSICALE AUTOMATIQUE**
[72] UEHARA, HARUKI, JP
[72] OKUYAMA, FUKUTARO, JP
[72] YOKOYAMA, TARO, JP
[72] MATAHIRA, KENJI, JP
[71] YAMAHA CORPORATION, JP
[85] 2013-07-04
[86] 2011-01-07 (PCT/JP2011/050222)
[87] (WO2012/093497)

[21] **2,823,890**
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01) C12N 15/12 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **PROMOTERS, EXPRESSION CASSETTES, VECTORS, KITS, AND METHODS FOR THE TREATMENT OF ACHROMATOPSIA AND OTHER DISEASES**
[54] **PROMOTEURS, CASSETTES D'EXPRESSION, VECTEURS, KITS, ET PROCEDES POUR LE TRAITEMENT DE L'ACHROMATOPSIE ET D'AUTRES MALADIES**
[72] YE, GUO-JIE, US
[72] CHULAY, JEFFREY D., US
[71] APPLIED GENETIC TECHNOLOGIES CORPORATION, US
[85] 2013-06-26
[86] 2012-01-06 (PCT/US2012/020423)
[87] (WO2012/094560)
[30] US (61/430,710) 2011-01-07

[21] **2,823,891**
[13] A1
[51] **Int.Cl. A23K 1/18 (2006.01) A23K 1/16 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 36/18 (2006.01) A61P 15/00 (2006.01) A61P 15/08 (2006.01)**
[25] EN
[54] **MILK YIELD AND/OR MILK QUALITY IMPROVING AGENT, PERINATAL DISEASE PREVENTIVE OR THERAPEUTIC AGENT, AND REPRODUCTIVITY IMPROVING AGENT FOR RUMINANT**
[54] **AGENT CAPABLE D'AMELIORER LE RENDEMENT EN LAIT ET/OU LA QUALITE DU LAIT DES RUMINANTS, AGENT PREVENTIF OU THERAPEUTIQUE DES MALADIES PERINATALES ET AGENT CAPABLE D'AMELIORER L'EFFICACITE DE LA REPRODUCTION**
[72] KANEDA, KOICHI, JP
[72] MOCHIZUKI, MASAMI, JP
[71] IDEMITSU KOSAN CO., LTD., JP
[85] 2013-07-04
[86] 2011-11-30 (PCT/JP2011/077694)
[87] (WO2012/093533)
[30] JP (2011-001711) 2011-01-07
[30] JP (2011-042631) 2011-02-28

[21] **2,823,896**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) F42D 1/22 (2006.01) G01N 21/15 (2006.01)**
[25] EN
[54] **BOREHOLE INSPECTION DEVICE AND SYSTEM WITH A SELF-CLEANING SYSTEM AND METHOD FOR LOADING EXPLOSIVES IN BOREHOLES**
[54] **DISPOSITIF ET SYSTEME D'INSPECTION DE TROU DE FORAGE QUI COMPORTENT UN SYSTEME AUTONETTOYANT ET PROCEDE POUR CHARGER DES EXPLOSIFS DANS DES TROUS DE FORAGE**
[72] LOPEZ RODRIGUEZ, JORGE, ES
[71] MAXAMCORP HOLDING S.L., ES
[85] 2013-06-28
[86] 2011-12-29 (PCT/EP2011/074204)
[87] (WO2012/089795)
[30] EP (10382367.0) 2010-12-30

[21] **2,823,899**
[13] A1
[51] **Int.Cl. D06F 35/00 (2006.01) C11D 3/12 (2006.01) C11D 3/14 (2006.01) C11D 3/37 (2006.01) C11D 3/38 (2006.01) C11D 7/02 (2006.01) C11D 11/00 (2006.01) D06P 5/02 (2006.01)**
[25] EN
[54] **IMPROVED CLEANING METHOD**
[54] **PROCEDE DE NETTOYAGE PERFECTIONNE**
[72] JENKINS, STEPHEN DEREK, GB
[72] KENNEDY, FRAZER JOHN, GB
[71] XEROS LIMITED, GB
[85] 2013-06-28
[86] 2012-01-16 (PCT/GB2012/050085)
[87] (WO2012/095677)
[30] GB (1100627.7) 2011-01-14

[21] **2,823,900**
[13] A1
[51] **Int.Cl. C10G 5/06 (2006.01) C07C 7/09 (2006.01) C07C 9/00 (2006.01) F25J 3/02 (2006.01) F25J 3/06 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING A C3+ HYDROCARBON-RICH FRACTION AND A METHANE- AND ETHANE-RICH STREAM FROM A HYDROCARBON-RICH FEED STREAM, AND RELATED FACILITY**
[54] **PROCEDE DE PRODUCTION D'UNE COUPE RICHE EN HYDROCARBURES EN C3+ ET D'UN COURANT RICHE EN METHANE ET ETHANE A PARTIR D'UN COURANT D'ALIMENTATION RICHE EN HYDROCARBURES ET INSTALLATION ASSOCIEE**
[72] GOURIOU, JULIE, FR
[72] GAHIER, VANESSA, FR
[72] THIEBAULT, SANDRA, FR
[72] BARTHE, LOIC, FR
[71] TECHNIP FRANCE, FR
[85] 2013-07-03
[86] 2012-01-06 (PCT/EP2012/050162)
[87] (WO2012/093164)
[30] FR (11 50096) 2011-01-06

[21] **2,823,902**
[13] A1
[51] **Int.Cl. H04N 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVED IN-LOOP FILTERING**
[54] **PROCEDE ET APPAREIL POUR UN FILTRAGE EN BOUCLE AMELIORE**
[72] FU, CHIH-MING, CN
[72] CHEN, CHING-YEH, CN
[72] TSAI, CHIA-YANG, CN
[72] HUANG, YU-WEN, CN
[72] LEI, SHAW-MIN, CN
[71] MEDIATEK INC., CN
[85] 2013-07-03
[86] 2012-04-20 (PCT/CN2012/074456)
[87] (WO2012/142966)
[30] US (61/477,689) 2011-04-21
[30] US (61/547,281) 2011-10-14
[30] US (61/595,914) 2012-02-07
[30] US (61/595,900) 2012-02-07
[30] US (61/597,995) 2012-02-13
[30] US (61/600,028) 2012-02-17

[21] **2,823,903**
[13] A1
[51] **Int.Cl. B63B 7/08 (2006.01) B60C 29/06 (2006.01)**
[25] FR
[54] **INFLATING DEVICE**
[54] **DISPOSITIF DE GONFLAGE**
[72] NOCA, LAURENT, FR
[72] SIEBER, LOIC, FR
[72] ROCHEFORT, DENIS, FR
[72] LAMY, ARNAUD, FR
[71] APPLICATION DES GAZ, FR
[85] 2013-07-04
[86] 2012-02-09 (PCT/FR2012/050291)
[87] (WO2012/107697)
[30] FR (1151060) 2011-02-10

[21] **2,823,904**
[13] A1
[51] **Int.Cl. A01N 37/02 (2006.01) A01N 65/22 (2009.01) A01N 31/06 (2006.01) A01N 65/00 (2009.01)**
[25] FR
[54] **BIOCIDAL MATERIALS**
[54] **PRODUITS BIOCIDES**
[72] AUBERGER, STEPHAN, FR
[71] SALVECO, FR
[85] 2013-07-04
[86] 2012-02-21 (PCT/FR2012/050367)
[87] (WO2012/114039)
[30] FR (1151546) 2011-02-25

[21] **2,823,906**
[13] A1
[51] **Int.Cl. C03C 17/00 (2006.01) B23K 26/00 (2006.01) C23C 14/58 (2006.01)**
[25] FR
[54] **METHOD FOR OBTAINING A SUBSTRATE PROVIDED WITH A COATING**
[54] **PROCEDE D'OBTENTION D'UN SUBSTRAT MUNI D'UN REVETEMENT**
[72] BILAINE, MATTHIEU, FR
[72] YEH, LI-YA, DE
[71] SAINT-GOBAIN GRASS FRANCE, FR
[85] 2013-07-04
[86] 2012-03-07 (PCT/FR2012/050476)
[87] (WO2012/120238)
[30] FR (1151897) 2011-03-08

[21] **2,823,907**
[13] A1
[51] **Int.Cl. G11B 20/10 (2006.01)**
[25] EN
[54] **SYNTHETIC SIMULATION OF A MEDIA RECORDING**
[54] **SIMULATION SYNTHETIQUE D'UN ENREGISTREMENT DE MEDIA**
[72] RISAN, HANK, US
[71] RISAN, HANK, US
[85] 2013-07-04
[86] 2012-01-06 (PCT/US2012/020557)
[87] (WO2012/094644)
[30] US (61/430,485) 2011-01-06
[30] US (13/344,911) 2012-01-06

[21] **2,823,908**
[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) A61K 31/235 (2006.01) A61K 31/7028 (2006.01) A61K 39/395 (2006.01) A61P 31/04 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD FOR SELECTING PATIENT TO BE GIVEN DRUG FOR TREATING SEPTICEMIA**
[54] **PROCEDE POUR SELECTIONNER UN PATIENT DESTINE A RECEVOIR UN MEDICAMENT POUR TRAITER UNE SEPTICEMIE**
[72] IMAI, MARIKO, JP
[72] SHIRAKAWA, KAMON, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2013-07-04
[86] 2012-01-05 (PCT/JP2012/050057)
[87] (WO2012/093681)
[30] JP (2011-000943) 2011-01-06

[21] **2,823,909**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/08 (2009.01) G07C 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACCESS CONTROL VIA MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT UN CONTROLE D'ACCES PAR L'INTERMEDIAIRE D'UN DISPOSITIF MOBILE**
[72] MYERS, GARY L., US
[72] HIRPARA, ASHOK, US
[72] VELERIS, JOHN D., US
[72] ZIMNY, ARKADIUSZ, US
[72] COHEN, MICHAEL AARON, US
[72] NAKSHIN, EUGENE, US
[71] DELPHIAN SYSTEMS, LLC, US
[85] 2013-07-04
[86] 2012-01-09 (PCT/US2012/020632)
[87] (WO2012/094667)
[30] US (61/430,621) 2011-01-07
[30] US (61/584,043) 2012-01-06

[21] **2,823,912**
[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING INTERACTIVE INFORMATION**
[54] **SYSTEME ET PROCEDE DESTINES A L'AFFICHAGE D'INFORMATIONS INTERACTIVES**
[72] BARNS, TRACY, US
[72] YI, HYEHOON, US
[71] SONY CORPORATION, JP
[85] 2013-07-04
[86] 2012-01-09 (PCT/US2012/020641)
[87] (WO2012/102848)
[30] US (13/015,429) 2011-01-27

[21] **2,823,913**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/04 (2006.01) C07K 16/24 (2006.01) A61K 31/7105 (2006.01)**
[25] EN
[54] **STEM CELL FACTOR INHIBITOR**
[54] **INHIBITEUR DU FACTEUR DE CELLULES SOUCHES**
[72] LUKACS, NICHOLAS W., US
[72] DOLGACHEV, VLADISLAV A., US
[72] KUNKEL, STEVEN L., US
[72] HOGABOAM, CORY M., US
[72] PHAN, SEM H., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2013-07-04
[86] 2012-01-10 (PCT/US2012/020782)
[87] (WO2012/096960)
[30] US (61/431,246) 2011-01-10

[21] **2,823,918**
[13] A1
[51] **Int.Cl. B01J 19/00 (2006.01) A61K 51/12 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR RADIOSYNTHESIS WITH MULTI-RUN CAPABILITIES AND REDUCED RISK OF RADIATION EXPOSURE**
[54] **SYSTEME MODULAIRE POUR RADIOSYNTHESE POUVANT EFFECTUER PLUSIEURS SYNTHESES EN PARALLELE AVEC UN RISQUE REDUIT D'EXPOSITION AU RAYONNEMENT**
[72] ELIZAROV, ARKADIJ M., US
[72] BALL, CARROLL EDWARD, US
[72] ZHANG, JIANZHONG, US
[72] KOLB, HARTMUTH C., US
[72] MIRAGHAIE, REZA, US
[72] GRAVES, TODD L., US
[72] LEBEDEV, ARTEM, US
[72] SCHLEIFFER, KEITH E., US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[85] 2013-07-05
[86] 2011-02-21 (PCT/US2011/025590)
[87] (WO2012/094034)
[30] US (12/986,323) 2011-01-07

[21] **2,823,920**
[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) B01D 17/035 (2006.01) B01D 21/00 (2006.01) B01D 21/06 (2006.01) B01D 21/24 (2006.01) B01D 65/02 (2006.01) B01D 69/06 (2006.01) B01D 69/08 (2006.01) B01D 71/36 (2006.01) B01D 71/68 (2006.01) C02F 1/24 (2006.01) C02F 1/40 (2006.01)**
[25] EN
[54] **OIL-CONTAINING WASTEWATER TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'EAUX USEES CONTENANT DE L'HUILE**
[72] USHIKOSHI, KENICHI, JP
[72] MORITA, TORU, JP
[72] IDA, KIYOSHI, JP
[72] MIZUTANI, TEIZO, JP
[71] SUMITOMO ELECTRIC FINE POLYMER, INC., JP
[85] 2013-07-04
[86] 2012-08-28 (PCT/JP2012/071628)
[87] (WO2013/035576)
[30] JP (2011-192916) 2011-09-05

[21] **2,823,923**
[13] A1
[51] **Int.Cl. B06B 1/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO ULTRASOUND GENERATING APPARATUS, AND METHODS FOR GENERATING ULTRASOUND**
[54] **AMELIORATIONS APPORTEES A OU AYANT TRAIT A UN APPAREIL DE PRODUCTION D'ULTRASONS ET PROCEDES DE PRODUCTION D'ULTRASONS**
[72] SMITH, OLIVER, US
[72] SUTTON, MICHAEL R., GB
[72] PEPLOW, MITCHELL, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-07-04
[86] 2012-01-03 (PCT/US2012/020043)
[87] (WO2012/094294)
[30] US (61/430,229) 2011-01-06

[21] **2,823,926**
[13] A1
[51] **Int.Cl. G01S 15/89 (2006.01)**
[25] EN
[54] **ULTRASONIC MEASUREMENT**
[54] **MESURE PAR ULTRASONS**
[72] SMITH, OLIVER, US
[72] SUTTON, MICHAEL R., GB
[72] PEPLOW, MITCHELL, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-07-04
[86] 2012-01-03 (PCT/US2012/020047)
[87] (WO2012/094298)
[30] US (61/430,229) 2011-01-06

[21] **2,823,928**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 15/52 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **PRODUCTION OF BRANCHED CHAIN FATTY ACIDS AND DERIVATIVES THEREOF IN RECOMBINANT MICROBIAL CELLS**
[54] **PRODUCTION D'ACIDES GRAS A CHAINE RAMIFIEE ET DE LEURS DERIVES DANS DES CELLULES MICROBIENNES RECOMBINANTES**
[72] HU, ZHIHAO, US
[72] LEE, GRACE J., US
[72] SCHIRMER, ANDREAS, US
[72] ZAKHARYEVICH, KSENIYA, US
[72] GREENFIELD, DEREK L., US
[72] BARON, TARAH S., US
[72] HOLDEN, KEVIN, US
[71] LS9, INC., US
[85] 2013-07-05
[86] 2011-05-10 (PCT/US2011/035979)
[87] (WO2012/096686)
[30] US (13/006,933) 2011-01-14
[30] US (13/007,100) 2011-01-14

[21] **2,823,931**
[13] A1
[51] **Int.Cl. A63B 71/10 (2006.01) A42B 3/18 (2006.01)**
[25] EN
[54] **GOGGLE ATTACHMENT SYSTEM FOR A PROTECTIVE HELMET**
[54] **SYSTEME DE FIXATION DE LUNETTES POUR CASQUE DE PROTECTION**
[72] GIROUX, GEORGE T., US
[72] LINDAUER, HANS, US
[72] CHILSON, JAMES A., US
[71] SMITH OPTICS, INC., US
[85] 2013-07-05
[86] 2011-10-11 (PCT/US2011/055726)
[87] (WO2012/099631)
[30] US (13/009,804) 2011-01-19

[21] **2,823,932**
[13] A1
[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/04 (2006.01) A42B 3/12 (2006.01)**
[25] EN
[54] **MULTI-COMPONENT HELMET WITH VENTILATION SHUTTER**
[54] **CASQUE A COMPOSANTS MULTIPLES COMPORTANT UN OBTURATEUR DE VENTILATION**
[72] CHILSON, JAMES A., US
[72] LINDAUER, HANS, US
[71] SMITH OPTICS, INC., US
[85] 2013-07-05
[86] 2011-10-12 (PCT/US2011/055904)
[87] (WO2012/099633)
[30] US (13/009,796) 2011-01-19

[21] **2,823,933**
[13] A1
[51] **Int.Cl. F23C 7/00 (2006.01)**
[25] EN
[54] **TILTABLE NOZZLE ASSEMBLY FOR AN OVERFIRE AIR PORT IN A COAL BURNING POWER PLANT**
[54] **ENSEMBLE BUSE INCLINABLE POUR ORIFICE D'AIR DE COMBUSTION SUPPLEMENTAIRE DANS UNE CENTRALE ELECTRIQUE AU CHARBON**
[72] SHAN, JIEFENG, US
[72] KAUSHANSKY, SERGEY, US
[71] SIEMENS ENERGY, INC., US
[85] 2013-07-05
[86] 2011-12-12 (PCT/US2011/064350)
[87] (WO2012/094100)
[30] US (61/430,355) 2011-01-06
[30] US (13/277,492) 2011-10-20

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] **2,762,457**
[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/528 (2006.01) C09K 8/80 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SLICKWATER FRACTURING FLUID**
[54] **FLUIDE DE FRACTURATION DE TYPE <<SLICKWATER>>**
[72] PIERCE, RONALD, CA
[72] BOBIER, DWIGHT, CA
[71] CALFRAC WELL SERVICES LTD., CA
[22] 2011-12-15
[41] 2013-06-15

---

[21] **2,805,532**
[13] A1
[51] **Int.Cl. B65H 61/00 (2006.01) B65H 51/30 (2006.01) B65H 54/02 (2006.01) B65H 63/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRECISELY CUTTING TO SIZE TUBES WOUND ONTO A SPOOL AND MACHINE FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE COUPE PRECISE A LA DIMENSION DE TUBES ENROULES SUR UNE BOBINE ET MACHINE POUR LA MISE EN OEUVRE DUDIT PROCEDE**
[72] BALZANELLI, ALESSANDRO, IT
[71] F.B. BALZANELLI AVVOLGITORI S.P.A., IT
[22] 2013-02-12
[41] 2013-08-16
[30] IT (MI2012A000229) 2012-02-16

---

[21] **2,815,415**
[13] A1
[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **ULTIMATE REJUVENATION PROCESSES**
[54] **PROCESSUS DE RAJEUNISSEMENT ULTIMES**
[72] WU, WEIMIN, CA
[71] WU, WEIMIN, CA
[22] 2013-04-29
[41] 2013-08-16

---

[21] **2,819,957**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B32B 7/10 (2006.01) C09J 7/00 (2006.01) E01C 7/26 (2006.01) E01C 7/35 (2006.01)**
[25] EN
[54] **COMPOSITE TACK FILM FOR ASPHALTIC PAVING, METHOD OF PAVING, AND PROCESS FOR MAKING A COMPOSITE TACK FILM FOR ASPHALTIC PAVING**
[54] **FILM D'ACCROCHAGE COMPOSITE POUR PAVAGE ASPHALTIQUE, PROCEDE DE PAVAGE ET PROCEDE DE FABRICATION D'UN FILM D'ACCROCHAGE COMPOSITE POUR PAVAGE ASPHALTIQUE**
[72] LEE, SUGJOON, US
[71] SAINT-GOBAIN ADFORS AMERICA, INC., US
[22] 2008-08-06
[41] 2009-02-12
[62] 2,695,531
[30] US (60/954,415) 2007-08-07
[30] US (12/186,263) 2008-08-05

---

[21] **2,819,998**
[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/08 (2006.01) F16L 15/00 (2006.01) F16L 15/04 (2006.01)**
[25] EN
[54] **EXPANDABLE TUBULAR CONNECTION**
[54] **RACCORD TUBULAIRE EXTENSIBLE**
[72] CURLEY, ERIC J., US
[72] ADAM, MARK K., US
[72] GOMEZ, LEOPOLODO S., US
[72] O'BRIEN, ROBERT S., US
[72] BAUGH, JOHN L., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2005-04-19
[41] 2005-11-10
[62] 2,752,209
[30] US (60/563,950) 2004-04-21

---

[21] **2,820,099**
[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01)**
[25] EN
[54] **HORSE FEEDER**
[54] **MANGEOIRE POUR CHEVAUX**
[72] DRURY, ROBERT ERNEST, CA
[71] DRURY, ROBERT ERNEST, CA
[22] 2011-07-29
[41] 2012-02-02
[62] 2,806,809
[30] US (61/344,465) 2010-07-30

[21] **2,820,141**
[13] A1
[51] **Int.Cl. A61J 1/16 (2006.01) B60B 33/00 (2006.01) F16M 11/20 (2006.01)**
[25] EN
[54] **INTRAVENOUS FLUID CONTAINER STAND AND METHODS FOR MAKING SAME**
[54] **SUPPORT POUR RECIPIENT DE LIQUIDE INTRAVEINEUX, ET CONSTITUTION**
[72] HAMPTON, LINDA M., US
[72] ADHIKARI, ISHWOR PRASAD, US
[71] MEDLINE INDUSTRIES INC., US
[22] 2009-06-25
[41] 2009-12-25
[62] 2,670,197
[30] US (12/146,147) 2008-06-25

---

[21] **2,820,149**
[13] A1
[51] **Int.Cl. C07C 51/09 (2006.01) C07C 53/08 (2006.01) C07C 63/15 (2006.01) C07C 63/38 (2006.01)**
[25] EN
[54] **ETHANOLYSIS OF PET TO FORM DET AND OXIDATION THEREOF**
[54] **ETHANOLYSE DE PET POUR FORMER DU DET ET OXYDATION DE CELUI-CI**
[72] ANDERSON, RONALD L., US
[72] SIKKENGA, DAVID L., US
[71] BP CORPORATION NORTH AMERICA INC., US
[22] 2006-12-20
[41] 2007-07-05
[62] 2,626,033
[30] US (60/754,772) 2005-12-29
[30] US (60/754,949) 2005-12-29
[30] US (60/754,698) 2005-12-29

---

[21] **2,820,152**
[13] A1
[51] **Int.Cl. E21B 19/14 (2006.01)**
[25] EN
[54] **PIPE HANDLING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE MANIPULATION DE TUBE**
[72] GERBER, ANDREW, CA
[72] HUNTER, DOUGLAS A., CA
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[22] 2009-03-26
[41] 2009-10-08
[62] 2,719,701
[30] US (12/098,151) 2008-04-04

---

[21] **2,820,164**
[13] A1
[51] **Int.Cl. H04N 7/50 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR VARIABLE ACCURACY INTER-PICTURE TIMING SPECIFICATION FOR DIGITAL VIDEO ENCODING**
[54] **METHODE ET APPAREIL POUR SIGNATURE ELECTRONIQUE INCREMENTIELLE**
[72] HASKELL, BARIN G., US
[72] SINGER, DAVID W., US
[72] DUMITRAS, ADRIANA, US
[72] PURI, ATUL, US
[71] APPLE COMPUTER, INC., US
[22] 2003-07-11
[41] 2004-01-22
[62] 2,629,246
[30] US (60/396,363) 2002-07-14
[30] US (10/291,320) 2002-11-08

---

[21] **2,820,166**
[13] A1
[51] **Int.Cl. A61B 17/03 (2006.01) A61F 2/01 (2006.01) A61F 13/36 (2006.01) A61F 13/53 (2006.01)**
[25] EN
[54] **VASCULAR CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE VASCULAIRE**
[72] DAVE, VIPUL BHUPENDRA, US
[72] CHIN-CHEN, CHAO, US
[72] PALERMO, THOMAS, US
[71] CORDIS CORPORATION, US
[22] 2009-03-16
[41] 2013-07-16
[62] 2,715,298
[30] US (61/036,772) 2008-03-14

---

[21] **2,820,184**
[13] A1
[51] **Int.Cl. C25B 9/18 (2006.01) C25B 1/04 (2006.01) H01L 31/0236 (2006.01) H01L 31/042 (2006.01) H01L 31/18 (2006.01) H01L 31/052 (2006.01)**
[25] EN
[54] **PHOTOVOLTAIC CELLS WITH PROCESSED SURFACES AND RELATED APPLICATIONS**
[54] **CELLULES PHOTOVOLTAIQUES AVEC SURFACES TRAITEES ET APPLICATIONS APPARENTEES US2009053576**
[72] SATER, BERNARD L., US
[71] MH SOLAR CO., LTD., TW
[22] 2009-08-12
[41] 2010-02-18
[62] 2,733,976
[30] US (61/088,921) 2008-08-14
[30] US (61/088,936) 2008-08-14
[30] US (61/089,389) 2008-08-15
[30] US (61/092,531) 2008-08-28
[30] US (12/535,952) 2009-08-05
[30] US (12/536,987) 2009-08-06
[30] US (12/536,992) 2009-08-06
[30] US (12/536,982) 2009-08-06

---

[21] **2,820,189**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/043 (2006.01) E21B 17/08 (2006.01) F16L 13/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FLUIDICALLY COUPLING TUBULAR SECTIONS AND TUBULAR SYSTEM FORMED THEREBY**
[54] **APPAREIL ET PROCEDE POUR LE COUPLAGE FLUIDIQUE DE SECTIONS DE TUBES ET SYSTEME TUBULAIRE AINSI FORME**
[72] HOLDERMAN, LUCK WILLIAM, US
[72] GRECI, STEPHEN MICHAEL, US
[72] LOPEZ, JEAN-MARC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2011-06-16
[41] 2011-12-23
[62] 2,743,652
[30] US (12/821,733) 2010-06-23

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,820,193**
[13] A1
[51] **Int.Cl. E21B 29/06 (2006.01) E21B 10/44 (2006.01) E21B 12/04 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **DOWNHOLE CASING CUTTING TOOL**
[54] **OUTIL DE COUPE DE TUBAGE DE FOND DE TROU**
[72] DIETZ, WESLEY P., US
[72] STEELE, DAVID J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2010-07-08
[41] 2011-01-20
[62] 2,767,537
[30] US (12/501,788) 2009-07-13

[21] **2,820,242**
[13] A1
[51] **Int.Cl. E21B 3/02 (2006.01)**
[25] EN
[54] **MODULAR TOP DRIVE**
[54] **ENTRAINEMENT PAR LE HAUT MODULAIRE**
[72] KUTTEL, BEAT, US
[72] PYRCH, RANDALL S., US
[72] YOUSEF, FAISAL J., US
[72] RICHARDSON, ALAN S., US
[72] KOSTIUK, GREG, US
[71] CANRIG DRILLING TECHNOLOGY, LTD., US
[22] 2006-12-20
[41] 2007-07-05
[62] 2,634,223
[30] US (60/752,116) 2005-12-20

[21] **2,820,246**
[13] A1
[51] **Int.Cl. B64C 3/50 (2006.01) B64C 9/22 (2006.01) B64C 21/00 (2006.01)**
[25] EN
[54] **HIGH-LIFT DEVICE, WING, AND NOISE REDUCTION STRUCTURE FOR HIGH-LIFT DEVICE**
[54] **GENERATEUR DE PORTANCE ELEVEE, AILE ET STRUCTURE DE REDUCTION DE BRUIT DU GENERATEUR DE PORTANCE ELEVEE**
[72] HIRAI, MAKOTO, JP
[72] MAEDA, ICHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2008-05-20
[41] 2008-12-04
[62] 2,678,164
[30] JP (2007-139430) 2007-05-25
[30] JP (2008-046905) 2008-02-27

[21] **2,820,249**
[13] A1
[51] **Int.Cl. G09B 29/00 (2006.01) G06F 19/00 (2011.01) G09B 29/10 (2006.01)**
[25] EN
[54] **A DIGITAL MAPPING SYSTEM**
[54] **SYSTEME DE CARTOGRAPHIQUE NUMERIQUE**
[72] RASMUSSEN, LARS ELISTRUP, US
[72] RASMUSSEN, JENS ELISTRUP, US
[72] TAYLOR, BRET STEVEN, US
[72] NORRIS, JAMES CHRISTOPHER, US
[72] MA, STEPHEN, AU
[72] KIRMSE, ANDREW ROBERT, US
[72] GORDON, NOEL PHILIP, AU
[72] LAFORGE, SETH MICHAEL, US
[71] GOOGLE INC., US
[22] 2005-02-05
[41] 2005-11-03
[62] 2,560,386
[30] US (60/555,501) 2004-03-23
[30] US (60/567,946) 2004-05-03

[21] **2,820,472**
[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01) H04B 7/02 (2006.01)**
[25] EN
[54] **CODEWORD PERMUTATION AND REDUCED FEEDBACK FOR GROUPED ANTENNAS**
[54] **PERMUTATION DE MOTS DE CODE ET REDUCTION DE LA RETROACTION POUR ANTENNES GROUPEES**
[72] KIM, BYOUNG-HOON, US
[71] QUALCOMM INCORPORATED, US
[22] 2007-09-04
[41] 2008-03-13
[62] 2,660,759
[30] US (60/842,872) 2006-09-06

[21] **2,820,509**
[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01) B08B 15/02 (2006.01) F24C 15/20 (2006.01)**
[25] EN
[54] **A SYSTEM FOR DIRECTING AND CONTROLLING TWO SEPARATE STREAMS OF AIR TO A KITCHEN**
[54] **SYSTEME DE DIRECTION ET DE COMMANDE DE DEUX COURANTS D'AIR DISTINCTS POUR CUISINE**
[72] LUDDY, ROBERT L., US
[72] GRIFFIN, WILLIAM B., US
[72] PERRY, NICHOLAS I., US
[71] CAPTIVE-AIRE SYSTEMS, INC., US
[22] 2005-09-20
[41] 2006-03-22
[62] 2,520,330
[30] US (10/947,620) 2004-09-22

[21] **2,820,518**
[13] A1
[51] **Int.Cl. H01B 11/22 (2006.01) G02B 6/42 (2006.01) A61B 5/145 (2006.01) G01R 15/14 (2006.01)**
[25] EN
[54] **SELF POWERED SERIAL-TO-SERIAL OR USB-TO-SERIAL CABLE WITH LOOPBACK AND ISOLATION**
[54] **CABLE D'AUTO-ALIMENTATION SERIE-SERIE OU USB-SERIE AVEC REBOUCLAGE ET ISOLATION**
[72] GISLER, SCOTT, US
[72] ARNDT, DAVE, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2004-06-23
[41] 2004-12-30
[62] 2,472,403
[30] US (60/483,230) 2003-06-30
[30] US (60/483,247) 2003-06-30

[21] **2,820,525**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01)**
[25] EN
[54] **BATTERY POWERED SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL A BATTERIE**
[72] VIOLA, FRANK J., US
[72] KREHEL, GREGG, US
[72] PEDROS, GUIDO, US
[71] TYCO HEALTHCARE GROUP LP, US
[22] 2006-06-02
[41] 2006-12-14
[62] 2,609,970
[30] US (60/687,406) 2005-06-03
[30] US (60/687,244) 2005-06-03

[21] **2,820,537**
[13] A1
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/148 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **HYDRAULICALLY ACTUATED PUMP FOR LONG DURATION MEDICAMENT ADMINISTRATION**
[54] **POMPE HYDRAULIQUE D'ADMINISTRATION DE MEDICAMENTS SUR DE LONGUES DUREES**
[72] GONNELLI, ROBERT R., US
[72] MCALLISTER, DEVIN V., US
[72] LEVESQUE, STEVEN F., US
[71] VALERITAS, INC., US
[22] 2004-04-23
[41] 2004-11-04
[62] 2,523,267
[30] US (60/465,070) 2003-04-23

[21] **2,820,539**
[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01) A61C 7/00 (2006.01) A61C 13/38 (2006.01)**
[25] EN
[54] **PROSTHODONTIC AND ORTHODONTIC APPARATUS AND METHODS**
[54] **APPAREIL DE PROSTHODONTIE ET D'ORTHODONTIE ET PROCEDES**
[72] KUO, ERIC, US
[72] CHENG, JIHUA, US
[72] MATOV, VADIM, US
[72] ALVAREZ, CARLOS, US
[72] KAKAVAND, ALI, US
[71] ALIGN TECHNOLOGY, INC., US
[22] 2007-10-12
[41] 2009-04-16
[62] 2,702,213

[21] **2,821,376**
[13] A1
[51] **Int.Cl. C08F 226/02 (2006.01) A61K 9/00 (2006.01) A61K 47/32 (2006.01) A61K 47/48 (2006.01) C08F 8/00 (2006.01)**
[25] EN
[54] **MAGNETICALLY CONTROLLABLE DRUG AND GENE DELIVERY STENTS**
[54] **DISPOSITIFS A COMMANDE MAGNETIQUE DE DISTRIBUTION DE MEDICAMENTS ET DE GENES**
[72] LEVY, ROBERT J., US
[72] CHORNY, MICHAEL, US
[72] FISHBEIN, ILIA, US
[72] ALFERIEV, IVAN, US
[72] FRIEDMAN, GENNADY, US
[72] BARBEE, KENNETH A., US
[72] YELLEN, BENJAMEN B., US
[72] FORBES, ZACHARY G., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[71] DREXEL UNIVERSITY, US
[22] 2004-04-16
[41] 2004-11-04
[62] 2,522,625
[30] US (60/463,505) 2003-04-16
[30] US (60/545,127) 2004-02-17
[30] US (60/546,233) 2004-02-20

[21] **2,821,597**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2006.01)**
[25] EN
[54] **PROMOTION OF SOMATIC EMBRYOGENESIS IN PLANTS BY WUSCHEL GENE EXPRESSION**
[54] **ACTIVATION DE L'EMBRYOGENESE SOMATIQUE CHEZ LES PLANTES PAR EXPRESSION D'UN GENE WUSCHEL**
[72] ZUO, JIANRU, US
[72] NIU, QI-WEN, US
[72] FRUGIS, GIOVANNA, US
[72] CHUA, NAM-HAI, US
[72] GORDON-KAMM, WILLIAM J., US
[71] THE ROCKEFELLER UNIVERSITY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2002-10-28
[41] 2003-05-08
[62] 2,464,147
[30] US (09/984,274) 2001-10-29

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,821,607**
[13] A1
[51] **Int.Cl. H04N 21/482 (2011.01) H04N 21/278 (2011.01) H04N 21/41 (2011.01)**
[25] EN
[54] **INTERACTIVE TELEVISION PROGRAM GUIDE WITH REMOTE ACCESS**
[54] **GUIDE DE PROGRAMME DE TELEVISION INTERACTIF AVEC ACCES A DISTANCE**
[72] ELLIS, MICHAEL D., US
[72] THOMAS, WILLIAM L., US
[72] HASSELL, JOEL G., US
[72] LEMMONS, THOMAS R., US
[72] BEREZOWSKI, DAVID M., US
[72] KNEE, ROBERT A., US
[72] MCCOY, ROBERT H., US
[71] UNITED VIDEO PROPERTIES, INC., US
[22] 1999-07-16
[41] 2000-01-27
[62] 2,493,510
[30] US (60/093,292) 1998-07-17
[30] US (60/097,527) 1998-08-21

[21] **2,821,656**
[13] A1
[51] **Int.Cl. A23L 2/02 (2006.01) A23L 2/06 (2006.01) A23L 2/52 (2006.01) A23L 2/60 (2006.01)**
[25] EN
[54] **REDUCED SUGAR CITRUS JUICE BEVERAGES**
[54] **BOISSONS A BASE DE JUS D'AGRUMES A TENEUR EN SUCRE REDUITE**
[72] CETRULO, THERESE, US
[72] CHU, OSVALDO A., US
[72] MCARDLE, RICHARD N., US
[72] MELLICAN, RENEE, US
[72] SEAMAN, KEITH, US
[71] TROPICANA PRODUCTS, INC., US
[22] 2004-08-24
[41] 2005-04-21
[62] 2,537,713
[30] US (10/661,179) 2003-09-12

[21] **2,821,717**
[13] A1
[51] **Int.Cl. C12P 41/00 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12P 7/42 (2006.01) C12P 7/02 (2006.01)**
[25] EN
[54] **OXIDOREDUCTASES FOR THE STEREOSELECTIVE REDUCTION OF KETO COMPOUNDS**
[54] **OXYDOREDUCTASES POUR LA REDUCTION STEREOSELECTIVE DE COMPOSES CETONIQUES**
[72] TSCHENTSCHER, ANKE, DE
[72] GUPTA, ANTJE, DE
[72] BOBKOVA, MARIA, DE
[71] IEP GMBH, DE
[22] 2006-07-20
[41] 2007-02-01
[62] 2,625,834
[30] AT (A 1261/2005) 2005-07-27

[21] **2,821,719**
[13] A1
[51] **Int.Cl. C12P 41/00 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12P 7/02 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **OXIDOREDUCTASES FOR THE STEREOSELECTIVE REDUCTION OF KETO COMPOUNDS**
[54] **OXYDOREDUCTASES POUR LA REDUCTION STEREOSELECTIVE DE COMPOSES CETONIQUES**
[72] TSCHENTSCHER, ANKE, DE
[72] GUPTA, ANTJE, DE
[72] BOBKOVA, MARIA, DE
[71] IEP GMBH, DE
[22] 2006-07-20
[41] 2007-02-01
[62] 2,625,834
[30] AT (A 1261/2005) 2005-07-27

[21] **2,821,720**
[13] A1
[51] **Int.Cl. C12P 41/00 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12P 7/02 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **OXIDOREDUCTASES FOR THE STEREOSELECTIVE REDUCTION OF KETO COMPOUNDS**
[54] **OXYDOREDUCTASES POUR LA REDUCTION STEREOSELECTIVE DE COMPOSES CETONIQUES**
[72] TSCHENTSCHER, ANKE, DE
[72] GUPTA, ANTJE, DE
[72] BOBKOVA, MARIA, DE
[71] IEP GMBH, DE
[22] 2006-07-20
[41] 2007-02-01
[62] 2,625,834
[30] AT (A 1261/2005) 2005-07-27

[21] **2,822,270**
[13] A1
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **SPRINKLER ASSEMBLY**
[54] **ASSEMBLAGE D'ASPERSEUR**
[72] FRANSON, SCOTT THOMAS, US
[72] WINEBRENNER, THOMAS EDGAR, US
[72] ORR, SHAWN GREGORY, US
[71] THE VIKING CORPORATION, US
[22] 2006-03-31
[41] 2006-10-12
[62] 2,602,837
[30] US (60/667,841) 2005-04-01
[30] US (11/388,072) 2006-03-23

[21] **2,822,302**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 19/08 (2006.01) A61P 19/10 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12N 5/16 (2006.01) C12N 15/85 (2006.01) C12Q 1/68 (2006.01) C40B 40/02 (2006.01) C40B 40/08 (2006.01) G01N 33/48 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **POLYNUCLEOTIDES AND POLYPEPTIDE SEQUENCES INVOLVED IN THE PROCESS OF BONE REMODELING**
[54] **SEQUENCES POLYNUCLEOTIDIQUES ET POLYPEPTIDIQUES INTERVENANT DANS LE PROCESSUS DE REMODELAGE OSSEUX**
[72] SOOKNANAN, ROY RABINDRANAUTH, CA
[72] TREMBLAY, GILLES BERNARD, CA
[72] FILION, MARIO, CA
[71] ALETHIA BIOTHERAPEUTICS INC., CA
[22] 2007-02-13
[41] 2007-08-23
[62] 2,638,823
[30] US (60,772,585) 2006-02-13
[30] US (60/816,858) 2006-06-28

[21] **2,822,316**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) C02F 3/06 (2006.01)**
[25] EN
[54] **MEMBRANE CLEANING WITH PULSED AIRLIFT PUMP**
[54] **NETTOYAGE D'UNE MEMBRANE AVEC UNE POMPE PNEUMATIQUE PULSEE**
[72] ZHA, FUFANG, AU
[72] JAMES, GERIN, US
[72] ZUBACK, JOSEPH EDWARD, US
[72] ZAUNER, PETER, AU
[72] PHELPS, ROGER WILLIAM, AU
[71] SIEMENS INDUSTRY, INC, US
[22] 2008-05-29
[41] 2008-12-18
[62] 2,688,455
[30] US (60/940,507) 2007-05-29

[21] **2,822,446**
[13] A1
[51] **Int.Cl. B32B 15/085 (2006.01) B65D 30/08 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY-FRIENDLY MULTI-LAYER FLEXIBLE FILM HAVING BARRIER PROPERTIES**
[54] **FILM FLEXIBLE MULTI-COUCHE ECOLOGIQUE AYANT DES PROPRIETES BARRIERE**
[72] KNOERZER, ANTHONY ROB, US
[72] LAVERDURE, KENNETH SCOTT, US
[72] RODGERS, BRAD DEWAYNE, US
[71] FRITO-LAY NORTH AMERICA, INC., US
[22] 2008-08-28
[41] 2009-03-12
[62] 2,696,827
[30] US (11/848,775) 2007-08-31
[30] US (12/031,500) 2008-02-14

[21] **2,822,634**
[13] A1
[51] **Int.Cl. A01K 39/012 (2006.01)**
[25] EN
[54] **PAN BREEDER FEEDER**
[54] **ENSEMBLE D'ALIMENTATION POUR MANGEOIRE**
[72] COLE, THEODORE J., US
[72] KREGER, LIONEL L., US
[72] BIRD, CHARLES R., US
[71] CTB, INC., US
[22] 2006-10-11
[41] 2007-04-26
[62] 2,624,695
[30] US (60/725,358) 2005-10-11
[30] US (11/539,928) 2006-10-10
[30] US (11/539,943) 2006-10-10
[30] US (11/539,983) 2006-10-10

[21] **2,822,657**
[13] A1
[51] **Int.Cl. C07K 9/00 (2006.01) C07K 1/06 (2006.01) C07K 1/113 (2006.01) C07K 2/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING GLYCOPEPTIDES HAVING ASPARAGINE-LINKED OLIGOSACCHARIDES, AND THE GLYCOPEPTIDES**
[54] **PROCEDE DE PRODUCTION DE PEPTIDES DE SUCRE COMPRENANT UNE CHAINE DE SUCRE D'ASPARAGINE ET PEPTIDES DE SUCRE RESULTANTS**
[72] KAJIHARA, YASUHIRO, JP
[71] GLYTECH, INC., JP
[71] KAJIHARA, YASUHIRO, JP
[22] 2003-07-04
[41] 2004-01-15
[62] 2,491,594
[30] JP (2002-196821) 2002-07-05
[30] JP (2002-349166) 2002-11-29

[21] **2,822,744**
[13] A1
[51] **Int.Cl. A47F 7/00 (2006.01) A47B 81/00 (2006.01) A47B 96/02 (2006.01) A47F 5/08 (2006.01) A47F 7/28 (2006.01)**
[25] EN
[54] **TESTER DISPLAY FIXTURE**
[54] **PRESENTOIR POUR CONTROLEUR**
[72] THEISEN, JENNIFER A., US
[72] TRINH, NICK Q., US
[72] WESHLER, BENJAMIN, US
[71] TARGET BRANDS, INC., US
[22] 2012-05-15
[41] 2012-07-17
[62] 2,776,345
[30] US (13/402,223) 2012-02-22

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,822,848**
[13] A1
[51] **Int.Cl. A62B 35/04 (2006.01)**
[25] EN
[54] **SAFETY LINE TRAVELLER AND SUPPORT**
[54] **CURSEUR POUR SYSTEME DE SECURITE ET SUPPORT CORRESPONDANT**
[72] JONES, KARL, GB
[72] FLUX, PETER, GB
[71] LATCHWAYS PLC, GB
[22] 2003-12-05
[41] 2004-06-24
[62] 2,508,265
[30] GB (0228524.5) 2002-12-06

---

[21] **2,822,997**
[13] A1
[51] **Int.Cl. G01V 1/18 (2006.01)**
[25] EN
[54] **MASS POSITIONING ADJUSTMENT MECHANISM FOR A SEISMIC SENSOR**
[54] **MECANISME DE REGLAGE DE POSITION DE MASSE POUR CAPTEUR SISMIQUE**
[72] HAYMAN, MARK JONATHAN BRICE, CA
[72] TOWNSEND, BRUCE LEIGH, CA
[72] ACKERLEY, NICHOLAS JASON, CA
[71] NANOMETRICS INC., CA
[22] 2005-01-24
[41] 2006-07-24
[62] 2,493,852

---

[21] **2,822,999**
[13] A1
[51] **Int.Cl. G01V 1/18 (2006.01)**
[25] EN
[54] **MASS POSITIONING ADJUSTMENT MECHANISM FOR A SEISMIC SENSOR**
[54] **MECANISME DE REGLAGE DE POSITION DE MASSE POUR CAPTEUR SISMIQUE**
[72] HAYMAN, MARK JONATHAN BRICE, CA
[72] TOWNSEND, BRUCE LEIGH, CA
[72] ACKERLEY, NICHOLAS JASON, CA
[71] NANOMETRICS INC., CA
[22] 2005-01-24
[41] 2006-07-24
[62] 2,493,852

---

[21] **2,823,043**
[13] A1
[51] **Int.Cl. C12P 7/02 (2006.01) C08J 3/12 (2006.01) C08J 3/28 (2006.01) C10L 1/02 (2006.01) C12P 3/00 (2006.01) C12P 5/00 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

---

[21] **2,823,214**
[13] A1
[51] **Int.Cl. C12P 3/00 (2006.01) C10L 3/00 (2006.01) C12P 5/00 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

---

[21] **2,823,232**
[13] A1
[51] **Int.Cl. C12P 7/02 (2006.01) C10L 1/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

---

[21] **2,823,264**
[13] A1
[51] **Int.Cl. C12P 19/00 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01) C12P 7/10 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[21] **2,823,310**
[13] A1
[51] **Int.Cl. C12P 5/00 (2006.01) C10G 1/00 (2006.01) C10L 1/02 (2006.01) C12P 3/00 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[21] **2,823,312**
[13] A1
[51] **Int.Cl. C12P 7/40 (2006.01) C08J 3/20 (2006.01) C08J 3/28 (2006.01) C10L 1/02 (2006.01) C12P 7/02 (2006.01) C12P 7/46 (2006.01) C12P 7/56 (2006.01) C12P 7/64 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[21] **2,823,361**
[13] A1
[51] **Int.Cl. C12P 5/00 (2006.01) C01B 3/32 (2006.01) C10L 1/04 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[21] **2,823,363**
[13] A1
[51] **Int.Cl. C12P 7/16 (2006.01) C12P 7/02 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[21] **2,823,379**
[13] A1
[51] **Int.Cl. C12P 19/00 (2006.01) C10L 1/02 (2006.01) C10L 1/04 (2006.01) C12P 5/00 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 7/16 (2006.01) C12P 7/40 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCE U ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[21] **2,823,468**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE THERAPY OF INFLAMMATORY BOWEL DISEASE**
[54] **COMPOSITIONS ET TECHNIQUES DESTINEES A LA THERAPIE D'UNE MALADIE INTESTINALE INFLAMMATOIRE**
[72] KING, DAVID, US
[72] PICKFORD, LESLIE B., US
[72] BEBBINGTON, CHRISTOPHER R., US
[72] YARRANTON, GEOFFREY T., US
[71] MEDAREX, L.L.C., US
[22] 2004-04-23
[41] 2004-11-04
[62] 2,522,957
[30] US (60/465,155) 2003-04-23

Index of Canadian Patents Issued

September 3, 2013

Index des brevets canadiens délivrés

3 septembre 2013

Index of Canadian Patents Issued
September 3, 2013

Index des brevets canadiens délivrés
3 septembre 2013

Index of Canadian Patents Issued
September 3, 2013

Index of Canadian Patents Issued
September 3, 2013

Index of Canadian Patents Issued
September 3, 2013

Index of Canadian Applications Open to Public Inspection

August 18, 2013 to August 24, 2013

Index des demandes canadiennes mises à la disponibilité du public

18 août 2013 au 24 août 2013

Index des demandes canadiennes mises à la disponibilité du public
18 août 2013 au 24 août 2013

Index of Canadian Applications Open to Public Inspection
August 18, 2013 to August 24, 2013

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant