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. 143 No. 11 March 17, 2015

Vol. 143 No. 11 le 17 mars 2015

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Agnès Lajoie
Acting Commissioner of Patents

Agnès Lajoie
Commissaire aux brevets par intérim

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:

2,574,589
2,642,585
2,714,583

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

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

2,574,589
2,642,585
2,714,583

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 December 30, 2014

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1544***
For each additional sheet over 30	**$17**
3. International Search Fee	**$1600**

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

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

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 30 décembre 2014

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1544 $***
Pour chaque feuille au delà de 30	**17 $**
3. Taxe de recherche internationale	**1600 $**

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

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

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*)) **$232**

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

* International fees will be reduced by:

- **$116** for all applications filed using PCT-EASY,
- **$232** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$348** for all applications filed electronically using PCT-SAFE or ePCT (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*)) **232 $**

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

* Les frais seront réduits de:

- **116 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **232 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **348 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (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 software or prepared using WIPO's ePCT online service 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 en 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 listages de séquences, des demandes préparées à l'aide du logiciel PCT-EASY ou PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, 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 and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

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 and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

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

Trade-marks

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

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

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être 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 et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

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

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

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

Marques de commerce

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

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

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.

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.

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

Format TIFF :

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

Format PDF :

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

Format ASCII :

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

Dessins industriels

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

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

Format TIFF :

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

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.

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. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 17, 2015 contains applications open to public inspection from March 1, 2015 to March 7, 2015.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 17 mars 2015 contient les demandes disponibles au public pour consultation pour la période du 1 mars 2015 au 7 mars 2015.

Canadian Patents Issued

March 17, 2015

Brevets canadiens délivrés

17 mars 2015

---

[11] **2,243,600**
[13] C
[51] **Int.Cl. G07D 7/12 (2006.01) G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **CHECK ALTERATION DETECTION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE DETECTION D'ALTERATION DE CHEQUES**
[72] CARNEY, JAMES F., US
[72] PONSONBY, CRAIG W., JR., US
[72] BRADY, ANTHONY F., US
[73] MERRILL LYNCH & CO., INC., US
[73] MELLON BANK, N.A., US
[85] 1998-07-17
[86] 1997-01-17 (PCT/US1997/000789)
[87] (WO1997/026615)
[30] US (08/588,130) 1996-01-18

---

[11] **2,264,177**
[13] C
[51] **Int.Cl. C07K 1/22 (2006.01) B01D 15/00 (2006.01) B01J 20/32 (2006.01) C07K 16/00 (2006.01) C07K 16/06 (2006.01) C07K 16/08 (2006.01) B01D 15/18 (2006.01) B01D 15/38 (2006.01)**
[25] EN
[54] **ISOLATION OF IMMUNOGLOBULINS**
[54] **ISOLEMENT D'IMMUNOGLOBULINES**
[72] LIHME, ALLAN OTTO FOG, DK
[72] HANSEN, MARIE BENDIX, DK
[73] DPX HOLDINGS B.V., NL
[85] 1999-02-23
[86] 1997-09-01 (PCT/DK1997/000359)
[87] (WO1998/008603)
[30] DK (0932/96) 1996-08-30

---

[11] **2,358,800**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) C07K 14/47 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST**
[54] **REACTIFS ET PROCEDES UTILES POUR DETECTER DES MALADIES MAMMAIRES**
[72] BILLING-MEDEL, PATRICIA A., US
[72] COHEN, MAURICE, US
[72] COLPITTS, TRACEY L., US
[72] FRIEDMAN, PAULA N., US
[72] GORDON, JULIAN, US
[72] GRANADOS, EDWARD N., US
[72] HODGES, STEVEN C., US
[72] KLASS, MICHAEL R., US
[72] KRATOCHVIL, JON D., US
[72] RUSSELL, JOHN C., US
[72] STROUPE, STEPHEN D., US
[73] ABBOTT MOLECULAR INC., US
[85] 2001-07-18
[86] 2000-01-21 (PCT/US2000/001452)
[87] (WO2000/043420)
[30] US (09/234,716) 1999-01-21

---

[11] **2,394,052**
[13] C
[51] **Int.Cl. C12N 7/04 (2006.01) C07K 14/025 (2006.01) C12N 7/01 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR DISASSEMBLY/REASSEMBLY OF PAPILLOMAVIRUS VIRUS-LIKE PARTICLES (VLPS)**
[54] **METHODE DE DESASSEMBLAGE-REASSEMBLAGE IN VITRO DE PARTICULES VIROIDES (VLP) DU PAPILLOMAVIRUS**
[72] MCCARTHY, MICHAEL P., US
[72] SUZICH, JOANNE A., US
[73] MEDIMMUNE, INC., US
[85] 2002-06-07
[86] 2000-12-08 (PCT/US2000/033317)
[87] (WO2001/042780)
[30] US (09/457,594) 1999-12-09

---

[11] **2,467,719**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A01H 5/00 (2006.01) A01K 67/00 (2006.01) A61K 39/395 (2006.01) A61M 37/00 (2006.01) C07H 21/04 (2006.01) C07K 16/00 (2006.01) C07K 16/24 (2006.01) C07K 16/46 (2006.01) C12N 15/00 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **ANTI-IL-6 ANTIBODIES, COMPOSITIONS, METHODS AND USES**
[54] **ANTICORPS ANTI-IL-6, COMPOSITIONS, METHODES ET UTILISATIONS ASSOCIEES**
[72] GILES-KOMAR, JILL, US
[72] KNIGHT, DAVID, US
[72] PERITT, DAVID, US
[72] TRIKHA, MOHIT, US
[73] JANSSEN BIOTECH, INC., US
[85] 2004-05-14
[86] 2002-10-26 (PCT/US2002/036213)
[87] (WO2004/039826)
[30] US (60/332,743) 2001-11-14

[11] **2,470,148**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61P 9/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/68 (2006.01) C07K 16/18 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **INHIBITION OF TRISTETRAPROLINE FOR PROTECTION OF THE HEART FROM CARDIAC INJURIES**
[54] **INHIBITION DE LA TRISTETRAPROLINE VISANT A PROTEGER LE COEUR CONTRE LES LESIONS CARDIAQUES**
[72] KLUXEN, FRANZ-WERNER, DE
[72] HENTSCH, BERND, DE
[72] EHRING, THOMAS, DE
[72] BRAENDLE, MARIAN, DE
[72] HOHEISEL, JOERG DIETRICH, DE
[72] FROHME, MARCUS, DE
[72] ZUBAKOV, DIMITRI, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-06-10
[86] 2002-11-30 (PCT/EP2002/013545)
[87] (WO2003/054541)
[30] EP (01129564.9) 2001-12-12

[11] **2,495,672**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/32 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE TRANSMISSION OF NOTIFICATIONS**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE NOTIFICATIONS**
[72] MAYER, BORIS, DE
[72] BUSCH, BARBARA, DE
[73] DEUTSCHE POST AG, DE
[85] 2005-02-15
[86] 2003-08-15 (PCT/DE2003/002666)
[87] (WO2004/019242)
[30] DE (102 38 345.6) 2002-08-16

[11] **2,495,825**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A61K 39/35 (2006.01) A61K 39/36 (2006.01) A61P 37/08 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **VARIANTS OF THE MAJOR ALLERGEN PHL P 1 FROM TIMOTHY GRASS**
[54] **VARIANTS DE L'ALLERGENE MAJEUR PHL P 1 PROVENANT DE FLEOLE DES PRES**
[72] SUCK, ROLAND, DE
[72] FIEBIG, HELMUT, DE
[72] CROMWELL, OLIVER, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2005-02-17
[86] 2003-07-31 (PCT/EP2003/008471)
[87] (WO2004/022588)
[30] EP (02018157.4) 2002-08-19

[11] **2,498,105**
[13] C
[51] **Int.Cl. G01R 31/34 (2006.01) G01R 31/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTION OF BRUSH SPARKING AND SPARK EROSION ON ELECTRICAL MACHINES**
[54] **PROCEDE ET DISPOSITIF POUR DETECTER DES ETINCELLES AUX BALAIS ET DE L'EROSION PAR ETINCELLES DANS DES MACHINES ELECTRIQUES**
[72] HOBELSBERGER, MAX, CH
[72] KIRCHHOFF, INGO, CH
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2005-03-07
[86] 2003-09-05 (PCT/EP2003/050612)
[87] (WO2004/025811)
[30] CH (2002 1530/02) 2002-09-10

[11] **2,503,845**
[13] C
[51] **Int.Cl. G01V 13/00 (2006.01) G01V 5/12 (2006.01)**
[25] EN
[54] **A METHOD OF COMPENSATING A DENSITY LOG**
[54] **METHODE DE COMPENSATION D'UNE DIAGRAPHIE DE DENSITE**
[72] SAMWORTH, JAMES ROGER, GB
[73] REEVES WIRELINE TECHNOLOGIES LTD., GB
[86] (2503845)
[87] (2503845)
[22] 2005-04-07
[30] GB (0411965.7) 2004-05-28

[11] **2,509,077**
[13] C
[51] **Int.Cl. A61K 31/337 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **WATER-BASED COMPOSITIONS COMPRISING A POLYETHYLENE GLYCOL-BASED SOLUBILIZING AGENT AND A TAXANE USEFUL IN THE TREATMENT OF CORONARY ARTERY DISEASE**
[54] **COMPOSITIONS A BASE D'EAU COMPRENANT UN AGENT SOLUBILISANT A BASE DE POLYETHYLENE GLYCOL ET UN TAXANE EFFICACES POUR LE TRAITEMENT DE CORONOPATHIES**
[72] FALOTICO, ROBERT, US
[72] ZHAO, JONATHON Z., US
[73] CORDIS CORPORATION, US
[86] (2509077)
[87] (2509077)
[22] 2005-06-02
[30] US (10/858,954) 2004-06-02

[11] **2,514,506**
[13] C
[51] **Int.Cl. H01L 51/54 (2006.01)**
[25] EN
[54] **OLEDS HAVING INORGANIC MATERIAL CONTAINING ANODE CAPPING LAYER**
[54] **DISPOSITIFS ORGANIQUES EMETTANT DE LA LUMIERE AVEC COUCHE DE RECOUVREMENT DE L'ANODE COMPORTANT UN MATERIAU INORGANIQUE**
[72] AZIZ, HANY, CA
[72] POPOVIC, ZORAN D., CA
[72] COGGAN, JENNIFER A., CA
[73] LG DISPLAY CO., LTD., KR
[86] (2514506)
[87] (2514506)
[22] 2005-08-02
[30] US (10/909,691) 2004-08-02

[11] **2,514,642**
[13] C
[51] **Int.Cl. A61K 47/22 (2006.01) A61K 38/47 (2006.01) A61K 48/00 (2006.01) C12N 9/40 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATING PROTEIN DEFICIENCY DISORDERS**
[54] **THERAPIE COMBINEE DESTINEE AU TRAITEMENT DE TROUBLES ASSOCIES A UNE CARENCE PROTEIQUE**
[72] FAN, JIAN-QIANG, US
[73] MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY, US
[85] 2005-07-28
[86] 2004-02-02 (PCT/US2004/002973)
[87] (WO2004/069190)
[30] US (60/444,136) 2003-01-31

[11] **2,515,087**
[13] C
[51] **Int.Cl. B05B 12/08 (2006.01) B05B 7/22 (2006.01)**
[25] EN
[54] **A PLASMA SPRAYING APPARATUS AND ALSO A METHOD FOR MONITORING THE CONDITION OF A PLASMA APPARATUS**
[54] **APPAREIL DE PROJECTION AU PLASMA ET METHODE DE CONTROLE DE LA CONDITION DE L'APPAREIL**
[72] KOENIG, PETER, CH
[73] SULZER METCO AG, CH
[86] (2515087)
[87] (2515087)
[22] 2005-08-08
[30] EP (04405570.5) 2004-09-10

[11] **2,517,469**
[13] C
[51] **Int.Cl. C12N 15/54 (2006.01) C07K 16/40 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **.BETA.1,3-N-ACETYL-D-GALACTOSAMINYLTRANSFERASE PROTEIN AND NUCLEIC ACID ENCODING THE SAME, AS WELL AS CANCERATION ASSAY USING THE SAME**
[54] **PROTEINE .BETA.1,3-N-ACETYL-D-GALACTOSAMINE TRANSFERASE ET ACIDE NUCLEIQUE CODANT POUR ELLE AINSI QU'UN ESSAI DE CANCERISATION UTILISANT CELLE-CI**
[72] NARIMATSU, HISASHI, JP
[72] TOGAYACHI, AKIRA, JP
[72] INABA, NIRO, JP
[72] HIRUMA, TORU, JP
[72] ISHIZUKA, YASUKO, JP
[73] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[85] 2005-08-29
[86] 2004-01-23 (PCT/JP2004/000608)
[87] (WO2004/065605)
[30] JP (2003-014792) 2003-01-23
[30] JP (2003-285310) 2003-08-01
[30] JP (2003-392555) 2003-11-21

[11] **2,519,724**
[13] C
[51] **Int.Cl. G08G 1/09 (2006.01)**
[25] EN
[54] **PORTABLE TRAFFIC SIGNALLING DEVICE**
[54] **DISPOSITIF PORTATIF DE SIGNALISATION ROUTIERE**
[72] ROHL, BRADLEY S., CA
[73] ROHL, BRADLEY S., CA
[86] (2519724)
[87] (2519724)
[22] 2005-09-13
[30] US (60/610,177) 2004-09-16

[11] **2,520,552**
[13] C
[51] **Int.Cl. B27K 3/20 (2006.01) B27M 3/14 (2006.01)**
[25] EN
[54] **DECAY RESISTANT WOODEN RAILROAD CROSSTIE AND METHOD FOR MAKING SAME**
[54] **TRAVERSE DE CHEMIN DE FER EN BOIS ANTI-PUTRESCIBLE ET METHODE DE FABRICATION**
[72] GIBBS, BARRIE D., US
[73] GIBBS GROUP HOLDINGS, INC., US
[86] (2520552)
[87] (2520552)
[22] 2005-09-22
[30] US (11/205,229) 2005-08-16

[11] **2,521,623**
[13] C
[51] **Int.Cl. A61L 27/12 (2006.01) A61F 2/28 (2006.01) A61L 27/26 (2006.01)**
[25] EN
[54] **OSTEOINDUCTIVE BONE MATERIAL**
[54] **MATIERE OSSEUSE OSTEO-INDUCTRICE**
[72] ROSENBERG, ARON D., US
[72] GILLES DE PELICHY, LAURENT D., US
[72] EGAN, DANIEL, US
[72] TOFIGHI, ALIASSGHAR N., US
[72] LEE, DOSUK D., US
[73] ETEX CORPORATION, US
[85] 2005-10-05
[86] 2004-04-12 (PCT/US2004/011182)
[87] (WO2004/091435)
[30] US (60/462.416) 2003-04-11

[11] **2,521,990**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/165 (2006.01) A61K 31/40 (2006.01) A61K 31/41 (2006.01) A61K 31/4375 (2006.01) A61K 31/44 (2006.01) A61K 31/47 (2006.01) A61K 31/496 (2006.01) A61K 31/505 (2006.01) A61K 31/54 (2006.01) A61P 35/00 (2006.01) C07D 207/04 (2006.01) C07D 209/48 (2006.01) C07D 213/04 (2006.01) C07D 215/02 (2006.01) C07D 239/54 (2006.01) C07D 257/04 (2006.01) C07D 279/00 (2006.01) C07D 295/04 (2006.01) C07D 307/72 (2006.01) C07D 311/58 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **COLCHICINE DERIVATIVES**
[54] **DERIVES DE COLCHICINE**
[72] YANG, LI-XI, US
[73] CATHOLIC HEALTHCARE WEST, DOING BUSINESS AS ST. MARY'S MEDICAL CENTER, US
[73] SUTTER WEST BAY HOSPITALS, US
[85] 2005-10-05
[86] 2004-04-14 (PCT/US2004/011593)
[87] (WO2005/007076)
[30] US (10/414,076) 2003-04-14

[11] **2,523,010**
[13] C
[51] **Int.Cl. G10L 13/08 (2013.01)**
[25] EN
[54] **GRAPHEME TO PHONEME ALIGNMENT METHOD AND RELATIVE RULE-SET GENERATING SYSTEM**
[54] **PROCEDE D'ALIGNEMENT DE GRAPHEMES AVEC DES PHONEMES ET SYSTEME GENERANT UN ENSEMBLE DE REGLES Y ETANT RELATIVES**
[72] MASSIMINO, PAOLO, IT
[73] LOQUENDO S.P.A., IT
[85] 2005-10-20
[86] 2003-04-30 (PCT/EP2003/004521)
[87] (WO2004/097793)

[11] **2,523,400**
[13] C
[51] **Int.Cl. C12N 9/18 (2006.01) A21D 8/04 (2006.01) C12N 9/20 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **VARIANT LIPOLYTIC ENZYMES**
[54] **ENZYMES LIPOLYTIQUES VARIANTS**
[72] BORCH, KIM, DK
[72] ERLANDSEN, LUISE, DK
[72] VIND, JESPER, DK
[72] SVENDSEN, ALLAN, DK
[72] JOERGENSEN, CHRISTEL THEA, DK
[73] NOVOZYMES A/S, DK
[85] 2005-10-24
[86] 2004-04-29 (PCT/DK2004/000292)
[87] (WO2004/099400)
[30] DK (PA 2003 00709) 2003-05-09
[30] DK (PA 2003 00811) 2003-05-30
[30] US (60/479,647) 2003-06-19

[11] **2,525,444**
[13] C
[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM OF TASKBAR BUTTON INTERFACES**
[54] **METHODE ET SYSTEME D'INTERFACES DE BOUTONS DE BARRE DES TACHES**
[72] MATTHEWS, DAVID A., US
[72] LIGAMERI, MARK R., US
[72] CUMMINS, CHARLES, US
[72] PETTIROSS, JEFFREY W., US
[72] KUMAR, R. SYAM, US
[72] STABB, CHARLES W., US
[72] SHI, YEMING, US
[73] MICROSOFT CORPORATION, US
[86] (2525444)
[87] (2525444)
[22] 2005-11-07
[30] US (11/006,751) 2004-12-08

[11] **2,528,116**
[13] C
[51] **Int.Cl. G09G 5/36 (2006.01) G06F 3/14 (2006.01) G06F 9/455 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VIRTUALIZING GRAPHICS SUBSYSTEMS**
[54] **SYSTEMES ET METHODES PERMETTANT DE VIRTUALISER DES SOUS-SYSTEMES GRAPHIQUES**
[72] BLYTHE, DAVID R., US
[73] MICROSOFT CORPORATION, US
[86] (2528116)
[87] (2528116)
[22] 2005-11-28
[30] US (11/026,380) 2004-12-30

[11] **2,529,969**
[13] C
[51] **Int.Cl. H04N 21/278 (2011.01) H04N 21/482 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SEARCHING ELECTRONIC PROGRAM GUIDE DATA**
[54] **RECHERCHE DE DONNEES DE GUIDE ELECTRONIQUE DE PROGRAMME**
[72] RAO, PRADHAN S., US
[72] DANKER, DANIEL, US
[72] SLOO, DAVID HENDLER, US
[72] NYAKO, GEORGE K., US
[73] MICROSOFT CORPORATION, US
[86] (2529969)
[87] (2529969)
[22] 2005-12-13
[30] US (11/012,471) 2004-12-15

[11] **2,530,917**
[13] C
[51] **Int.Cl. H05B 3/48 (2006.01) G01K 7/16 (2006.01)**
[25] FR
[54] **HEATED RESISTANCE ESPECIALLY FOR HEATING A SOLID PART SUCH AS A TEMPERATURE PROBE AND/OR A PRESSURE PROBE**
[54] **RESISTANCE CHAUFFANTE NOTAMMENT POUR LA CHAUFFEE D'UNE PIECE MASSIVE TELLE QU'UNE SONDE DE TEMPERATURE ET/OU DE PRISE DE PRESSION**
[72] LHUILLIER, BRUNO, FR
[73] AUXITROL S.A., FR
[85] 2005-12-22
[86] 2004-06-24 (PCT/FR2004/001584)
[87] (WO2005/002281)
[30] FR (03/07792) 2003-06-27

[11] **2,531,105**
[13] C
[51] **Int.Cl. C07H 21/04 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR DETECTION AND ENUMERATION OF GENETIC VARIATIONS**
[54] **PROCEDE ET COMPOSITIONS DE DETECTION ET D'ENUMERATION DE VARIATIONS GENETIQUES**
[72] DRESSMAN, DEVIN, US
[72] YAN, HAI, US
[72] KINZLER, KENNETH W., US
[72] VOGELSTEIN, BERT, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2005-12-29
[86] 2004-06-09 (PCT/US2004/015587)
[87] (WO2005/010145)
[30] US (60/485,301) 2003-07-05
[30] US (60/525,859) 2003-12-01

[11] **2,533,039**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) H04W 4/24 (2009.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPLOYING AND LICENSING WIRELESS COMMUNICATION DEVICE COMPUTER SOFTWARE INFRASTRUCTURE TO MANUFACTURERS**
[54] **METHODE ET APPAREIL PERMETTANT DE DISTRIBUER AUX FABRICANTS L'INFRASTRUCTURE DE LOGICIEL DE DISPOSITIF DE COMMUNICATION SANS FIL ET DE LEUR ATTRIBUER DES LICENCES**
[72] PAYNE, SUSAN, CA
[72] KAHANDALIYANAGE, SHAWN, CA
[72] JOHNSON, KERRY W., CA
[73] BLACKBERRY LIMITED, CA
[86] (2533039)
[87] (2533039)
[22] 2006-01-17
[30] EP (05250260.6) 2005-01-19

[11] **2,533,818**
[13] C
[51] **Int.Cl. C07K 5/00 (2006.01) C07K 1/04 (2006.01) C07K 5/08 (2006.01)**
[25] EN
[54] **SPATIALLY-DEFINED MACROCYCLIC COMPOUNDS USEFUL FOR DRUG DISCOVERY**
[54] **COMPOSES MACROCYCLIQUES DEFINIS SPATIALEMENT UTILES POUR LA DECOUVERTE DE MEDICAMENTS**
[72] LAN, RUOXI, US
[72] LI, SHIGUI, US
[72] BEAUBIEN, SYLVIE, CA
[72] BENAKLI, KAMEL, CA
[72] DESLONGCHAMPS, PIERRE, CA
[72] DORY, YVES, CA
[72] FORTIN, DANIEL, CA
[72] HOVEYDA, HAMID, CA
[72] MARSAULT, ERIC, CA
[72] OUELLET, LUC, CA
[72] PETERSON, MARK, CA
[72] RAMASESHAN, MAHESH, CA
[72] VEZINA, MARTIN, CA
[72] VILLENEUVE, GERALD, CA
[72] FRASER, GRAEME L., BE
[73] OCERA THERAPEUTICS, INC., US
[85] 2006-01-26
[86] 2004-08-02 (PCT/CA2004/001439)
[87] (WO2005/012331)
[30] US (60/491,248) 2003-07-31

[11] **2,537,877**
[13] C
[51] **Int.Cl. C07D 263/58 (2006.01)**
[25] EN
[54] **METHODS FOR THE PREPARATION OF BENZOXAZOLE SULFONAMIDE COMPOUNDS AND INTERMEDIATES THEREOF**
[54] **PROCEDE POUR LA PREPARATION DE COMPOSES SULFONAMIDE DE BENZOXAZOLE ET LEURS INTERMEDIAIRES**
[72] DE KOCK, HERMAN AUGUSTINUS, BE
[72] FILLIERS, WALTER FERDINAND MARIA, BE
[72] AELTERMAN, WIM ALBERT ALEX, BE
[73] TIBOTEC PHARMACEUTICALS LTD., IE
[85] 2006-03-03
[86] 2004-09-30 (PCT/EP2004/052382)
[87] (WO2005/030739)
[30] EP (03103630.4) 2003-09-30
[30] US (60/507,996) 2003-10-02

[11] **2,538,031**
[13] C
[51] **Int.Cl. C08K 5/3492 (2006.01) C08K 5/00 (2006.01) C09K 9/02 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **STABILIZATION OF PHOTOCHROMIC SYSTEMS**
[54] **STABILISATION DE SYSTEMES PHOTOCHROMES**
[72] DESTRO, MARA, IT
[72] LAZZARI, DARIO, IT
[72] SIMON, DIRK, DE
[72] VITALI, MANUELE, IT
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2006-03-06
[86] 2004-09-20 (PCT/EP2004/052238)
[87] (WO2005/030856)
[30] EP (03103587.6) 2003-09-29

[11] **2,539,430**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/566 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **SCREENING FOR GESTATIONAL DISORDERS WITH SEX HORMONE BINDING GLOBULIN AS BIOMARKER**
[54] **DEPISTAGE DE TROUBLES DE LA GROSSESSE AU MOYEN DE GLOBULINES POUVANT SE LIER AUX HORMONES SEXUELLES EN GUISE DE BIOMARQUEURS**
[72] THADHANI, RAVI, US
[72] KARUMANCHI, S. ANANTH, US
[73] THE GENERAL HOSPITAL CORPORATION, US
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2006-03-17
[86] 2004-09-23 (PCT/US2004/031268)
[87] (WO2005/031364)
[30] US (60/505,707) 2003-09-23

[11] **2,541,286**
[13] C
[51] **Int.Cl. H02K 3/00 (2006.01) H02K 16/00 (2006.01) H02P 6/08 (2006.01) H02P 7/28 (2006.01)**
[25] EN
[54] **ELECTRICAL MACHINE**
[54] **MACHINE ELECTRIQUE**
[72] WYREMBA, HANS-PETER, DE
[73] WYREMBA, HANS-PETER, DE
[86] (2541286)
[87] (2541286)
[22] 2006-03-30
[30] DE (10 2005 014 664.3) 2005-03-31

[11] **2,545,129**
[13] C
[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **PROCESS DEVICE WITH SUPERVISORY OVERLAYER**
[54] **DISPOSITIF DE TRAITEMENT DOTE D'UNE SURCOUCHE DE CONTROLE**
[72] LONGSDORF, RANDY J., US
[72] DAVIS, DALE S., US
[72] HEDTKE, ROBERT C., US
[72] NELSON, SCOTT D., US
[73] ROSEMOUNT INC., US
[85] 2006-05-05
[86] 2004-11-08 (PCT/US2004/037289)
[87] (WO2005/052881)
[30] US (10/719,163) 2003-11-21

[11] **2,545,916**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **APPARATUS METHOD AND MEDIUM FOR DETECTING PAYLOAD ANOMALY USING N-GRAM DISTRIBUTION OF NORMAL DATA**
[54] **DISPOSITIF, PROCEDE ET SUPPORT DE DETECTION D'ANOMALIES DE LA CHARGE UTILE A L'AIDE DE LA DISTRIBUTION N-GRAMME DE DONNEES NORMALES**
[72] STOLFO, SALVATORE J., US
[72] WANG, KE, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2006-05-12
[86] 2004-11-12 (PCT/US2004/037653)
[87] (WO2005/050369)
[30] US (60/518,742) 2003-11-12
[30] US (60/613,637) 2004-09-28

[11] **2,546,733**
[13] C
[51] **Int.Cl. C07D 473/06 (2006.01) C07D 233/00 (2006.01) C07D 239/00 (2006.01) C07D 239/54 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **A2B ADENOSINE RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR D'ADENOSINE A<SB>2B</SB>**
[72] ELZEIN, ELFATIH, US
[72] KALLA, RAO, US
[72] MARQUART, TIM, US
[72] ZABLOCKI, JEFF, US
[72] LI, XIAOFEN, US
[73] GILEAD SCIENCES, INC., US
[85] 2006-05-19
[86] 2004-11-15 (PCT/US2004/038136)
[87] (WO2005/051951)
[30] US (10/719,102) 2003-11-21

[11] **2,549,573**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A61K 39/36 (2006.01) C07K 14/415 (2006.01) C12N 15/63 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **DNA SEQUENCE, AND RECOMBINANT PREPARATION OF GROUP 4 MAJOR ALLERGENS FROM CEREALS**
[54] **SEQUENCE D'ADN ET PREPARATION D'ADN RECOMBINANT DES PRINCIPAUX ALLERGENES DU GROUPE 4 PROVENANT DE CEREALES**
[72] FIEBIG, HELMUT, DE
[72] NANDY, ANDREAS, DE
[72] CROMWELL, OLIVER, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2006-06-14
[86] 2004-12-01 (PCT/EP2004/013664)
[87] (WO2005/059136)
[30] DE (103 59 351.9) 2003-12-16

[11] **2,549,886**
[13] C
[51] **Int.Cl. C10G 29/04 (2006.01) C10G 29/06 (2006.01) C10G 45/02 (2006.01) C10G 45/24 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND CATALYSTS FOR PRODUCING A CRUDE PRODUCT**
[54] **SYSTEMES, PROCEDES ET CATALYSEURS DESTINES A PRODUIRE UN PRODUIT BRUT**
[72] BHAN, OPINDER KISHAN, US
[72] WELLINGTON, SCOTT LEE, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2006-06-08
[86] 2004-12-16 (PCT/US2004/042427)
[87] (WO2005/063930)
[30] US (60/531,506) 2003-12-19
[30] US (60/618,892) 2004-10-14

[11] **2,550,155**
[13] C
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **HLA-DR-SPECIFIC ANTIBODIES, COMPOSITIONS AND METHODS**
[54] **ANTICORPS SPECIFIQUES DE HLA-DR, COMPOSITIONS ET METHODES ASSOCIEES**
[72] MCMAHAN, CATHERINE J., US
[72] STEPAN, LARA PORTER, US
[72] LAUS, REINER, US
[72] VIDOVIC, DAMIR, US
[73] DENDREON CORPORATION, US
[85] 2006-06-09
[86] 2004-12-15 (PCT/US2004/042312)
[87] (WO2005/058251)
[30] US (60/608,944) 2003-12-15

[11] **2,550,190**
[13] C
[51] **Int.Cl. G02B 5/20 (2006.01) G02B 1/04 (2006.01) G02B 5/22 (2006.01) G02B 5/26 (2006.01)**
[25] EN
[54] **COVERT SECURITY COATING**
[54] **REVETEMENT DE SECURITE DISSIMULE**
[72] PHILLIPS, ROGER W., US
[72] BIE, ROY, US
[73] JDS UNIPHASE CORPORATION, US
[86] (2550190)
[87] (2550190)
[22] 2006-06-14
[30] US (60/691,499) 2005-06-17

[11] **2,550,205**
[13] C
[51] **Int.Cl. H01B 7/28 (2006.01) H01B 7/18 (2006.01)**
[25] EN
[54] **ENHANCED ARMOR WIRES FOR ELECTRICAL CABLES**
[54] **FILS ARMES AMELIORES POUR CABLES ELECTRIQUES**
[72] VARKEY, JOSEPH P., US
[72] SRIDHAR, GARUD, US
[72] SILVERMAN, SETH, US
[72] BHAVSAR, RASHMI B., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2550205)
[87] (2550205)
[22] 2006-06-15
[30] US (11/153,835) 2005-06-15

[11] **2,550,713**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01) A61B 17/285 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT HAVING FLUID ACTUATED OPPOSING JAWS**
[54] **INSTRUMENT CHIRURGICAL DOTE DE MACHOIRES ANTAGONISTES ACTIONNEES PAR UN FLUIDE**
[72] WALES, KENNETH S., US
[72] SHELTON IV, FREDERICK E., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2550713)
[87] (2550713)
[22] 2006-06-21
[30] US (11/165,094) 2005-06-23

[11] **2,551,253**
[13] C
[51] **Int.Cl. A61K 8/06 (2006.01) A61K 8/33 (2006.01) A61K 8/67 (2006.01) A61K 8/891 (2006.01) A61Q 3/00 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SILICONE-IN-WATER EMULSION COMPOSITIONS CONTAINING RETINOIDS**
[54] **EMULSION DE SILICONE DANS L'EAU CONTENANT DES RETINOIDES**
[72] BRILLOUET, ANNE SOPHIE, FR
[72] GOHIER, ANNIE, FR
[72] FOURNIER, LINDA, FR
[73] JOHNSON & JOHNSON CONSUMER FRANCE S.A.S., FR
[86] (2551253)
[87] (2551253)
[22] 2006-06-28
[30] EP (05291507.1) 2005-07-12

[11] **2,553,849**
[13] C
[51] **Int.Cl. H04M 1/00 (2006.01)**
[25] EN
[54] **MOBILITY DEVICE ASSISTANT**
[54] **ASSISTANT DE DISPOSITIF DE MOBILITE**
[72] FUCCELLO, JAMES R., US
[73] SYMBOL TECHNOLOGIES, INC., US
[85] 2006-07-25
[86] 2005-11-23 (PCT/US2005/042487)
[87] (WO2006/060258)
[30] US (11/000,248) 2004-11-30

[11] **2,555,875**
[13] C
[51] **Int.Cl. C02F 1/52 (2006.01)**
[25] EN
[54] **REMOVAL OF PHOSPHOROUS FROM WASTEWATER**
[54] **ELIMINATION DES PHOSPHATES D'EAUX USEES**
[72] BOLDUC, LYSANE, CA
[73] BLUMETRIC ENVIRONMENTAL INC., CA
[86] (2555875)
[87] (2555875)
[22] 2006-08-11
[30] CA (2,532,286) 2006-01-05

[11] **2,556,664**
[13] C
[51] **Int.Cl. A61L 31/10 (2006.01) A61B 17/068 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE FOR CIRCULAR ANASTOMOSIS WITH SILICONIZED COATING ON THE KNIFE BLADE**
[54] **AGRAFEUSE CHIRURGICALE POUR ANASTOMOSE CIRCULAIRE AVEC REVETEMENT SILICONE SUR LA LAME DE COUTEAU**
[72] ROBY, MARK S., US
[72] MILLIMAN, KEITH L., US
[72] DATO, ANTHONY, US
[72] CUNY, DOUGLAS J., US
[72] GADDY, ANTHONY, US
[72] KENNEDY, JOHN J., US
[72] MAIORINO, NICHOLAS, US
[72] CABEZAS, ALAN BYRON, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2556664)
[87] (2556664)
[22] 2006-08-22
[30] US (11/219,386) 2005-09-02

[11] **2,558,951**
[13] C
[51] **Int.Cl. B28B 13/02 (2006.01)**
[25] EN
[54] **METHOD FOR FABRICATING CONCRETE BLOCKS OR CONCRETE SLABS**
[54] **PROCEDE DE FABRICATION DE BLOCS DE BETON OU DE DALLES DE BETON**
[72] METTEN, HANS-JOSEF, DE
[73] METTEN, STEIN + DESIGN GMBH & CO. KG, DE
[85] 2006-09-06
[86] 2005-12-15 (PCT/EP2005/013492)
[87] (WO2006/069636)
[30] EP (10 2004 062 656.1) 2004-12-24

[11] **2,561,220**
[13] C
[51] **Int.Cl. H01T 21/02 (2006.01) H01T 13/38 (2006.01)**
[25] FR
[54] **PROCESS FOR PREPARING AN IGNITER PLUG, AND IGNITER PLUG THUS OBTAINED**
[54] **PROCEDE DE PREPARATION D'UNE BOUGIE D'ALLUMAGE, ET BOUGIE D'ALLUMAGE AINSI OBTENUE**
[72] JANKOWIAK, AURELIEN, FR
[72] COLLARDEY, FRANCOIS, FR
[72] BLANCHART, PHILIPPE, FR
[73] MEGGITT (FRANCE), FR
[86] (2561220)
[87] (2561220)
[22] 2006-09-28
[30] FR (05 10086) 2005-10-03

[11] **2,565,957**
[13] C
[51] **Int.Cl. F24J 1/00 (2006.01)**
[25] EN
[54] **THERMOSTATIC TEMPERATURE CONTROL FOR SELF-HEATING CONTAINERS**
[54] **REGULATION DE LA TEMPERATURE THERMOSTATIQUE DE RECIPIENTS AUTOCHAUFFANTS**
[72] BOLMER, MICHAEL SHEPPARD, US
[72] XIONG, YAN, US
[72] PITZ, KEVIN J., US
[72] PAUL, ZBIGNIEW R., US
[72] SABIN, MARTIN W., US
[72] SABIN, CULLEN M., US
[73] TEMPRA TECHNOLOGY, INC., US
[85] 2006-11-03
[86] 2005-05-05 (PCT/US2005/015793)
[87] (WO2005/108878)
[30] US (60/568,644) 2004-05-06

[11] **2,566,058**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 9/32 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF FILTERING UNSOLICITED MESSAGES**
[54] **SYSTEME ET METHODE DE FILTRAGE DES MESSAGES NON SOLLICITES**
[72] SHERKIN, ALEXANDER, CA
[72] BIBR, VIERA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2566058)
[87] (2566058)
[22] 2006-10-30

[11] **2,566,227**
[13] C
[51] **Int.Cl. A61M 31/00 (2006.01) A61B 17/11 (2006.01)**
[25] EN
[54] **THIN-FILM NITINOL BASED DRUG ELUTING STENT**
[54] **ENDOPROTHESE A ELUTION DE MEDICAMENT COMPORTANT DU NITINOL EN COUCHES MINCES**
[72] HUANG, MARK C. T., US
[72] MCHUGO, SCOTT ANDREW, US
[72] MAIRAL, ANURAG, US
[72] SIEH, ZARA, US
[73] NITINOL DEVELOPMENT CORPORATION, US
[86] (2566227)
[87] (2566227)
[22] 2006-10-30
[30] US (11/264,582) 2005-11-01

[11] **2,567,386**
[13] C
[51] **Int.Cl. B66F 7/28 (2006.01) B66F 3/22 (2006.01) B66F 7/08 (2006.01) E04H 6/06 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR LIFTING A MOTOR VEHICLE**
[54] **DISPOSITIF ET SYSTEME DE LEVAGE D'UN VEHICULE A MOTEUR**
[72] PAVLICK, ALLAN, US
[72] POLINS, KURT E., US
[72] FELPEL, GLENN, US
[73] STERTIL B.V., NL
[85] 2006-11-17
[86] 2005-05-17 (PCT/US2005/017320)
[87] (WO2006/112857)
[30] US (60/571,829) 2004-05-17

[11] **2,568,476**
[13] C
[51] **Int.Cl. A01H 4/00 (2006.01) A01H 7/00 (2006.01) A01N 3/00 (2006.01) C12N 5/02 (2006.01) C12N 5/04 (2006.01)**
[25] EN
[54] **METHODS FOR STORING CONIFER SOMATIC EMBRYO GERMINANTS**
[54] **METHODES POUR CONSERVER DES EMBRYONS SOMATIQUES DE CONIFERES**
[72] JAMRUSZKA-LEWIS, AMY M., US
[73] WEYERHAEUSER NR COMPANY, US
[86] (2568476)
[87] (2568476)
[22] 2006-11-17
[30] US (60/753,453) 2005-12-22

---

[11] **2,569,458**
[13] C
[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **ALL-IN-ONE COMPUTER WITH HEIGHT ADJUSTABLE DISPLAY**
[54] **ORDINATEUR TOUT-EN-UN DOTE D'UN ECRAN A HAUTEUR REGLABLE**
[72] TITZLER, DAVID H., US
[72] KUO, CHEN-CHIEN, TW
[72] SCHOOLEY, STEPHEN T., US
[73] FLEXTRONICS AP, LLC, US
[85] 2006-12-01
[86] 2005-06-07 (PCT/US2005/019862)
[87] (WO2005/124510)
[30] US (29/207,136) 2004-06-08
[30] US (10/949,704) 2004-09-24

---

[11] **2,569,675**
[13] C
[51] **Int.Cl. C07D 487/22 (2006.01) A61K 41/00 (2006.01) A61K 31/409 (2006.01)**
[25] EN
[54] **CATIONIC BACTERIOCHLOROPHYLL DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE BACTERIOCHLOROPHYLLES CATIONIQUES ET UTILISATION DE CEUX-CI**
[72] SCHERZ, AVIGDOR, IL
[72] BRANDIS, ALEXANDER, IL
[72] SALOMON, YORAM, IL
[72] EREN, DORON, IL
[72] COHEN, AVRAHAM, IL
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD, IL
[85] 2006-12-06
[86] 2005-06-07 (PCT/IL2005/000602)
[87] (WO2005/120573)
[30] US (60/577,196) 2004-06-07

---

[11] **2,570,827**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **ENERGY STORAGE SYSTEM AND METHOD FOR HYBRID PROPULSION**
[54] **SYSTEME ET PROCEDE D'ACCUMULATION D'ENERGIE POUR PROPULSION HYBRIDE**
[72] KING, ROBERT DEAN, US
[72] SONG, DONGWOO, US
[72] SALASOO, LEMBIT, US
[72] KUMAR, AJITH KUTTANNAIR, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2006-12-14
[86] 2005-06-21 (PCT/US2005/021769)
[87] (WO2006/012089)
[30] US (10/878,804) 2004-06-28

---

[11] **2,574,140**
[13] C
[51] **Int.Cl. G03G 19/00 (2006.01) B42D 25/369 (2014.01) B42D 25/373 (2014.01) B05D 3/14 (2006.01) B41F 19/00 (2006.01) B41M 3/14 (2006.01) B44D 3/22 (2006.01) B44F 1/02 (2006.01) B44F 1/10 (2006.01) B44F 7/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR ORIENTING MAGNETIC FLAKES**
[54] **APPAREIL D'ORIENTATION DE PAILLETTES MAGNETIQUES**
[72] RAKSHA, VLADIMIR P., US
[72] HOLMAN, JAY M., US
[72] COOMBS, PAUL G., US
[72] MARKANTES, CHARLES T., US
[72] PHILLIPS, ROGER W., US
[73] JDS UNIPHASE CORPORATION, US
[86] (2574140)
[87] (2574140)
[22] 2007-01-16
[30] US (60/759,356) 2006-01-17
[30] US (60/777,086) 2006-02-27
[30] US (11/552,219) 2006-10-24
[30] US (11/278,600) 2006-04-04
[30] US (11/560,927) 2006-11-17

---

[11] **2,574,375**
[13] C
[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **POLYPEPTIDES FOR OLIGOMERIC ASSEMBLY OF ANTIGENS**
[54] **POLYPEPTIDES POUR ASSEMBLAGE OLIGOMERE D'ANTIGENES**
[72] CAPECCHI, BARBARA, IT
[72] MASIGNANI, VEGA, IT
[72] RAPPUOLI, RINO, IT
[72] SCARSELLI, MARIA, IT
[73] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT
[85] 2007-01-18
[86] 2005-07-22 (PCT/IB2005/002528)
[87] (WO2006/011060)
[30] US (60/590648) 2004-07-23

[11] ***2,574,589**
[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR AUTOMATICALLY DISCOVERING AND GROUPING RESOURCES USED BY A BUSINESS PROCESS**
[54] **APPAREIL, SYSTEME ET PROCEDE PERMETTANT DE DECOUVRIR ET DE REGROUPER AUTOMATIQUEMENT DES RESSOURCES UTILISEES PAR UN PROCESSUS COMMERCIAL**
[72] BYRD, STEPHEN, US
[72] CZERWINSKI, STEVEN, US
[72] FOX, KRISTOFER, US
[72] HILLSBERG, BRUCE LIGHT, US
[72] KLINGENBERG, BERNHARD JULIUS, US
[72] KRISHNAN, RAJESH FRANCISCO, US
[72] THIRUMALAI, BALAJI, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2007-01-19
[86] 2005-07-20 (PCT/EP2005/053511)
[87] (WO2006/015935)
[30] US (10/915,146) 2004-08-10

[11] **2,575,071**
[13] C
[51] **Int.Cl. G09G 5/377 (2006.01) H04W 88/02 (2009.01) G06F 3/14 (2006.01) G06F 15/02 (2006.01) G09B 29/10 (2006.01)**
[25] EN
[54] **METHOD OF GRAPHICALLY INDICATING ON A WIRELESS COMMUNICATIONS DEVICE THAT MAP DATA IS STILL BEING DOWNLOADED**
[54] **METHODE INDIQUANT DE MANIERE GRAPHIQUE SUR UN DISPOSITIF DE COMMUNICATIONS SANS FIL LE TRAITEMENT EN COURS DU TELECHARGEMENT DE DONNEES CARTOGRAPHIQUES**
[72] SCOTT, SHERRYL LEE LORRIANE, CA
[72] KLASSEN, GERHARD DIETRICH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2575071)
[87] (2575071)
[22] 2007-01-24
[30] US (60/788,434) 2006-03-31
[30] US (60/787,541) 2006-03-31

[11] **2,575,812**
[13] C
[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TREATING A VESSEL**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'UN VAISSEAU**
[72] BRANDEIS, ZEEV, IL
[72] SHMULEWITZ, ASCHER, IL
[73] VVT MED. LTD., IL
[85] 2007-02-01
[86] 2005-08-01 (PCT/US2005/027351)
[87] (WO2006/017470)
[30] US (60/592,397) 2004-08-02
[30] US (60/626,874) 2004-11-12

[11] **2,583,140**
[13] C
[51] **Int.Cl. C22C 19/03 (2006.01) F01D 5/02 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **NICKEL-BASED ALLOY**
[54] **ALLIAGE A BASE DE NICKEL**
[72] AUGUSTINS LECALLIER, ISABELLE, FR
[72] CARON, PIERRE, FR
[72] GUEDOU, JEAN-YVES, FR
[72] LOCQ, DIDIER, FR
[72] NAZE, LOEIZ, FR
[73] SNECMA, FR
[73] ARMINES, FR
[73] ONERA (OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES), FR
[86] (2583140)
[87] (2583140)
[22] 2007-03-29
[30] FR (0651145) 2006-03-31

[11] **2,583,639**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **COMPUTER SYSTEM, INCLUDING RETAIL TRANSACTION DATA DATABASES, FOR ANALYZING TRANSACTION DATA AND GENERATING RETAIL STRATEGY FOR A RETAIL ENTITY**
[54] **SYSTEME INFORMATIQUE, Y COMPRIS DES BASES DE DONNEES DE TRANSACTION DE DETAIL, POUR L'ANALYSE DES DONNEES DE TRANSACTION ET LA PRODUCTION D'UNE STRATEGIE DE DETAIL POUR UNE ENTITEDE DETAIL**
[72] HINDS, MARK, US
[72] WILHITE, MICHAEL, US
[73] DUNNHUMBY LIMITED, GB
[85] 2007-04-12
[86] 2005-10-05 (PCT/US2005/035588)
[87] (WO2006/044183)
[30] US (60/618,300) 2004-10-13
[30] US (11/073,354) 2005-03-04

[11] **2,584,302**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/66 (2006.01) H04M 1/66 (2006.01) H04M 11/06 (2006.01) H04Q 3/64 (2006.01)**
[25] EN
[54] **UNAUTHORIZED CALL ACTIVITY DETECTION AND PREVENTION SYSTEMS AND METHODS FOR A VOICE OVER INTERNET PROTOCOL ENVIRONMENT**
[54] **SYSTEMES ET METHODES DE DETECTION ET DE PREVENTION DE MODE D'APPEL NON AUTORISE POUR ENVIRONNEMENT A VOIX PAR IP**
[72] RAE, ROBERT L., US
[72] POLOZOLA, MICHELLE L., US
[72] HOGG, JOHN S., JR., US
[73] SECURUS TECHNOLOGIES, INC., US
[86] (2584302)
[87] (2584302)
[22] 2007-04-10
[30] US (11/403,547) 2006-04-13

[11] **2,584,608**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) A61P 1/16 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **SPECIFIC BINDING MEMBERS AGAINST SYNAPTOPHYSIN**
[54] **ORGANES DE LIAISON SPECIFIQUES DIRIGES CONTRE LA SYNAPTOPHYSINE**
[72] WRIGHT, MATTHEW, GB
[72] PORTER, ANDY, GB
[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN, GB
[85] 2007-04-17
[86] 2005-03-29 (PCT/GB2005/001190)
[87] (WO2005/095453)
[30] GB (0407059.5) 2004-03-29
[30] GB (0416402.6) 2004-07-22

[11] **2,585,349**
[13] C
[51] **Int.Cl. E04B 1/343 (2006.01) E01C 9/10 (2006.01) E01D 15/133 (2006.01) E01F 1/00 (2006.01) E04B 1/38 (2006.01) E04B 5/48 (2006.01) E04C 2/42 (2006.01) E04G 11/36 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE CONSTRUCTION MODULE**
[54] **MODULE DE CONSTRUCTION POLYVALENT**
[72] RAPAZ, ANTONIO, CA
[73] RAPAZ, ANTONIO, CA
[86] (2585349)
[87] (2585349)
[22] 2007-04-17
[30] US (11/434815) 2006-05-17
[30] US (11/689409) 2007-03-21

[11] **2,587,616**
[13] C
[51] **Int.Cl. A61K 31/426 (2006.01) A61P 9/10 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **USE OF RIBOSE-CYSTEINE TO TREAT HYPOXIA BY ENHANCING DELIVERY OF GLUTATHIONE AND ATP LEVELS IN CELLS**
[54] **UTILISATION DE RIBOSE-CYSTEINE POUR LE TRAITEMENT DE L'HYPOXIE PAR ADMINISTRATION ACCRUE DE GLUTATHIONE ET DES NIVEAUX D'ATP DANS LES CELLULES**
[72] NAGASAWA, HERBERT T., US
[73] MAX INTERNATIONAL, LLC, US
[85] 2007-05-15
[86] 2005-11-16 (PCT/US2005/041458)
[87] (WO2006/055597)
[30] US (10/990,933) 2004-11-17

[11] **2,588,078**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) G05B 19/00 (2006.01)**
[25] EN
[54] **MULTIMODAL BIOMETRIC PLATFORM**
[54] **PLATE-FORME BIOMETRIQUE MULTIMODALE**
[72] WILLIS, WILLIAM FREDERIC, US
[72] MILLER, JAMES S., US
[72] LAU, JOHANN H., US
[72] DLAB, DANIEL, CA
[73] IMAGEWARE SYSTEMS, INC., US
[85] 2007-05-16
[86] 2005-11-15 (PCT/US2005/041393)
[87] (WO2006/055575)
[30] US (10/991,352) 2004-11-16
[30] US (60/663,310) 2005-03-17

[11] **2,589,014**
[13] C
[51] **Int.Cl. C06B 25/22 (2006.01) C06B 23/00 (2006.01) C06B 25/18 (2006.01) C06B 25/20 (2006.01) C08J 3/18 (2006.01) C08K 5/07 (2006.01) C08K 5/3492 (2006.01) C08L 1/02 (2006.01) C08L 67/00 (2006.01) C08L 71/00 (2006.01) F42B 15/00 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM FOR THE ACCELERATION OF PROJECTILES**
[54] **SYSTEME DE PROPULSION POUR L'ACCELERATION DE PROJECTILES**
[72] SCHAEDELI, ULRICH, CH
[72] ANDRES, HANSPETER, CH
[72] RYF, KURT, CH
[72] ANTENEN, DOMINIK, CH
[72] VOGELSANGER, BEAT, CH
[73] NITROCHEMIE WIMMIS AG, CH
[86] (2589014)
[87] (2589014)
[22] 2007-05-14
[30] EP (06 405 217.8) 2006-05-19

[11] **2,589,573**
[13] C
[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **EFFICIENT CONTROLLED CRYOGENIC FLUID DELIVERY INTO A BALLOON CATHETER AND OTHER TREATMENT DEVICES**
[54] **APPORT CONTROLE EFFICACE DE FLUIDE CRYOGENIQUE DANS UN CATHETER A BALLONNET ET DANS D'AUTRES DISPOSITIFS DE TRAITEMENT**
[72] REYNOLDS, BYRON, US
[73] CRYOVASCULAR SYSTEMS, INC., US
[85] 2007-05-24
[86] 2005-12-07 (PCT/US2005/044366)
[87] (WO2006/065610)
[30] US (11/013,937) 2004-12-15

[11] **2,589,823**
[13] C
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **MELIBIOSE OPERON EXPRESSION SYSTEM**
[54] **SYSTEME D'EXPRESSION DE L'OPERON DE LA MELIBIOSE**
[72] BRASS, JOHANN, CH
[72] KLEIN, JOACHIM, CH
[72] OSTENDORP, RALF, DE
[72] WEIDMANN, ARMIN, DE
[73] LONZA AG, CH
[73] MORPHOSYS AG, DE
[85] 2007-05-30
[86] 2005-12-05 (PCT/EP2005/013012)
[87] (WO2006/061173)
[30] EP (04028920.9) 2004-12-07

[11] **2,591,228**
[13] C
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **SYSTEM FOR SATELLITE DIGITAL COMMUNICATIONS, WITH ONBOARD PROCESSING, ADAPTIVE TO THE ATTENUATION, TRAFFIC AND RADIO INTERFACE CONDITIONS, FOR POINT TO POINT COMMUNICATION AND MESHED GRIDS**
[54] **SYSTEME POUR COMMUNICATIONS NUMERIQUES DE SATELLITES, AVEC TRAITEMENT EMBARQUE, S'ADAPTANT A DES CONDITIONS D~ATTENUATION, DE TRAFIC ET D~INTERFACE RADIO, POUR DES COMMUNICATIONS POINT A POINT ET DES RESEAUX MAILLES**
[72] WINKLER, ROBERTO, IT
[72] LOSQUADRO, GIACINTO, IT
[72] MURA, RODOLFO, IT
[73] FINMECCANICA S.P.A., IT
[85] 2007-06-07
[86] 2006-06-28 (PCT/IT2006/000498)
[87] (WO2007/000794)
[30] IT (RM2005A000340) 2005-06-28

[11] **2,591,354**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/58 (2006.01) C09K 8/592 (2006.01) E21B 21/06 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **AN IN SITU EXTRACTION PROCESS FOR THE RECOVERY OF HYDROCARBONS**
[54] **PROCEDE DE SEPARATION SUR PLACE POUR RECUPERATION D'HYDROCARBURES**
[72] NENNIGER, JOHN, CA
[72] DUNN, STEPHEN, CA
[73] N-SOLV CORPORATION, CA
[86] (2591354)
[87] (2591354)
[22] 2007-06-01

[11] **2,591,667**
[13] C
[51] **Int.Cl. A61N 1/32 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE ELECTRO-INHIBITION OF FACIAL MUSCLES**
[54] **APPAREIL POUR L'ELECTRO-INHIBITION DES MUSCLES DE LA FACE**
[72] RIGAUX, PIERRE, BE
[73] CEFALY TECHNOLOGY SPRL, BE
[85] 2007-06-14
[86] 2005-09-07 (PCT/BE2005/000135)
[87] (WO2006/063417)
[30] EP (04447276.9) 2004-12-14

[11] **2,592,100**
[13] C
[51] **Int.Cl. C12N 15/85 (2006.01) C07K 14/075 (2006.01) C07K 14/505 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/18 (2006.01) C12N 15/34 (2006.01) C12N 15/54 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **METHODS TO OBTAIN RECOMBINANT PROTEINS WITH INCREASED SIALYLATION FROM CELLS THAT EXPRESS ADENOVIRUS E1A PROTEIN, AND PROTEINS OBTAINED THEREBY**
[54] **PROCEDES D'OBTENTION DE PROTEINES RECOMBINANTES A SIALYLATION ACCRUE A PARTIR DE CELLULES QUI EXPRIMENT UNE PROTEINE ADENOVIRALE E1A ET PROTEINES OBTENUES DE CETTE MANIERE**
[72] OPSTELTEN, DIRK JAN ELBERTUS, NL
[73] CRUCELL HOLLAND B.V., NL
[85] 2007-06-21
[86] 2005-12-28 (PCT/EP2005/057205)
[87] (WO2006/070011)
[30] US (11/026,518) 2004-12-30
[30] US (11/102,073) 2005-04-08

[11] **2,592,634**
[13] C
[51] **Int.Cl. A01K 39/026 (2006.01)**
[25] EN
[54] **LIQUID BIRD FEEDER**
[54] **MANGEOIRE A LIQUIDE POUR OISEAUX**
[72] STONE, JOHN, US
[72] MCLACHLAN, OLIVER, US
[72] HARTING, DAVID, US
[73] WOODSTREAM CORPORATION, US
[86] (2592634)
[87] (2592634)
[22] 2007-06-22

[11] **2,593,038**
[13] C
[51] **Int.Cl. A61K 38/48 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING ADHESIVE CAPSULITIS**
[54] **PROCEDES DE TRAITEMENT DE LA CAPSULITE RETRACTILE**
[72] BADALAMENTE, MARIE, US
[73] RESEARCH FOUNDATION OF THE STATE UNIVERSITY OF NEW YORK, US
[85] 2007-07-04
[86] 2006-01-19 (PCT/US2006/001980)
[87] (WO2006/078870)
[30] US (60/645,772) 2005-01-21
[30] US (60/677,440) 2005-05-03
[30] US (60/719,470) 2005-09-22

---

[11] **2,593,882**
[13] C
[51] **Int.Cl. A01B 59/042 (2006.01) A01B 63/14 (2006.01)**
[25] EN
[54] **IMPLEMENT REAR HITCH HEIGHT AND ATTITUDE CONTROL**
[54] **COMMANDE DE HAUTEUR ET D'ASSIETTE DE L'ATTELAGE ARRIERE COTE OUTIL**
[72] RUCKLE, JARROD RAY, US
[72] STEINLAGE, DAVID LEE, US
[73] DEERE & COMPANY, US
[86] (2593882)
[87] (2593882)
[22] 2007-07-16
[30] US (11/522,269) 2006-09-15

---

[11] **2,595,171**
[13] C
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/04 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **TRANSGENIC PLANTS WITH ENHANCED AGRONOMIC TRAITS**
[54] **PLANTES TRANSGENIQUES POSSEDANT DES CARACTERES AGRONOMIQUES SUPERIEURS**
[72] HE, STEVE S., US
[72] BRADSHAW, TERRY, US
[72] LUND, ADRIAN, US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2007-07-17
[86] 2005-12-19 (PCT/US2005/046031)
[87] (WO2007/044043)
[30] US (60/638,099) 2004-12-21
[30] US (60/660,320) 2005-03-10

---

[11] **2,595,843**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) G05G 5/03 (2008.04) A61B 19/02 (2006.01)**
[25] EN
[54] **PNEUMATICALLY POWERED SURGICAL CUTTING AND FASTENING INSTRUMENT WITH MECHANICAL LINKAGE COUPLING END EFFECTOR AND TRIGGER MOTION**
[54] **INSTRUMENT CHIRURGICAL DE COUPE ET D'ATTACHE PNEUMATIQUE A EFFECTEUR DE FLASQUE DE SORTIE DE TIMONERIE MECANIQUE ET MOUVEMENT DECLENCHEUR**
[72] SHELTON, FREDERICK E., IV, US
[72] MORGAN, JEROME R., US
[72] TIMPERMAN, EUGENE L., US
[72] FUGIKAWA, LESLIE M., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2595843)
[87] (2595843)
[22] 2007-08-02
[30] US (11/498,282) 2006-08-02

---

[11] **2,602,325**
[13] C
[51] **Int.Cl. F02C 7/36 (2006.01) F02C 7/275 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE ASSEMBLY AND METHOD OF ASSEMBLING SAME**
[54] **ENSEMBLE DE TURBINE A GAZ ET METHODE DE MONTAGE**
[72] MONIZ, THOMAS ORY, US
[72] COOKER, PAUL, US
[72] ORLANDO, ROBERT JOSEPH, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2602325)
[87] (2602325)
[22] 2007-09-13
[30] US (11/535,597) 2006-09-27

---

[11] **2,602,493**
[13] C
[51] **Int.Cl. B01J 19/00 (2006.01) B01F 13/00 (2006.01)**
[25] EN
[54] **SURFACE FEATURES IN MICROPROCESS TECHNOLOGY**
[54] **ELEMENTS DE SURFACE DANS LA TECHNOLOGIE MICROFLUIDIQUE**
[72] TONKOVICH, ANNA LEE, US
[72] YANG, BIN, US
[72] PERRY, STEVEN T., US
[72] FITZGERALD, SEAN P., US
[72] ARORA, RAVI, US
[72] JAROSH, KAI, US
[72] YUSCHAK, THOMAS D., US
[72] FANELLI, MADDALENA, US
[72] SULLIVAN, TIM, US
[72] MAZANEC, TERRY, US
[73] VELOCYS, INC., US
[85] 2007-09-21
[86] 2006-03-23 (PCT/US2006/011198)
[87] (WO2006/102675)
[30] US (11/089,440) 2005-03-23
[30] US (60/697,900) 2005-07-08
[30] US (60/727,126) 2005-10-13
[30] US (60/731,596) 2005-10-27

[11] **2,603,050**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **WIRELESS DATA DEVICE WITH CONFIRMATION AND RETRY CAPABILITIES FOR PUSHED DATA**
[54] **DISPOSITIF DE DONNEES SANS FIL A FONCTIONS DE CONFIRMATION ET DE RENOUVELLEMENT DE TENTATIVE POUR DONNEES POUSSEES**
[72] BUCHHOP, PETER K., US
[72] FYK, ANNE, B., US
[73] BANK OF AMERICA CORPORATION, US
[85] 2007-09-24
[86] 2006-03-22 (PCT/US2006/010909)
[87] (WO2006/102624)
[30] US (10/907,224) 2005-03-24

[11] **2,603,103**
[13] C
[51] **Int.Cl. B65D 5/74 (2006.01)**
[25] EN
[54] **RE-CLOSABLE POURING ELEMENT FOR LIQUID FOODS PACKAGED IN CARDBOARD/PLASTIC COMPOSITE PACKAGES**
[54] **ELEMENT VERSEUR REFERMABLE POUR ALIMENTS LIQUIDES EMBALLES DANS DES EMBALLAGES COMPOSITES DE CARTON/PLASTIQUE**
[72] BOLLI, FELIX, CH
[73] SIG TECHNOLOGY AG, CH
[85] 2007-09-27
[86] 2007-03-29 (PCT/EP2007/053047)
[87] (WO2007/113216)
[30] DE (10 2006 015 524.6) 2006-03-31

[11] **2,603,142**
[13] C
[51] **Int.Cl. B65D 5/74 (2006.01)**
[25] EN
[54] **RE-CLOSABLE POURING ELEMENT FOR LIQUID FOODS PACKAGED IN CARDBOARD/PLASTIC COMPOSITE PACKAGES AND METHOD FOR ITS ASSEMBLY**
[54] **ELEMENT VERSEUR REFERMABLE POUR ALIMENTS LIQUIDES EMBALLES DANS DES CONDITIONNEMENTS COMPOSITES EN CARTON ET PLASTIQUE ET SA METHODE D'ASSEMBLAGE**
[72] BOLLI, FELIX, CH
[73] SIG TECHNOLOGY AG, CH
[85] 2007-09-27
[86] 2007-03-29 (PCT/EP2007/053046)
[87] (WO2007/113215)
[30] DE (10 2006 015 525.4) 2006-03-31

[11] **2,603,510**
[13] C
[51] **Int.Cl. G02B 1/04 (2006.01) B29D 11/00 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **PHOTOCHROMIC CONTACT LENSES AND METHODS FOR THEIR PRODUCTION**
[54] **LENTILLES DE CONTACT PHOTOCHROMIQUES ET PROCEDES DE PRODUCTION ASSOCIES**
[72] MOLOCK, FRANK F., US
[72] CULLERTON, GINA M., US
[72] SPAULDING, TERRY L., US
[72] MAHADEVAN, SHIVKUMAR, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2007-10-05
[86] 2006-03-23 (PCT/US2006/011010)
[87] (WO2006/110306)
[30] US (11/102,320) 2005-04-08

[11] **2,605,002**
[13] C
[51] **Int.Cl. E05C 9/10 (2006.01) E05C 9/04 (2006.01) E05C 9/18 (2006.01)**
[25] EN
[54] **MULTIPOINT DOOR LOCK SYSTEM WITH HEADER AND SILL LOCK PINS**
[54] **ENSEMBLE DE VERROU DE PORTE MULTIPOINT COMPORTANT DES DISPOSITIFS DE RETENUE POUR LINTEAU ET SEUIL**
[72] FLEMING, PAUL D., US
[73] W & F MANUFACTURING LLC, US
[86] (2605002)
[87] (2605002)
[22] 2007-10-01
[30] US (60/827,905) 2006-10-03
[30] US (11/861,431) 2007-09-26

[11] **2,605,027**
[13] C
[51] **Int.Cl. B60K 23/08 (2006.01) B60R 16/023 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **VEHICULAR DRIVE SYSTEM WITH FWD-ONLY MODE AND ASSOCIATED METHOD**
[54] **SYSTEME DE TRANSMISSION VEHICULAIRE A MODE A TRACTION AVANT UNIQUEMENT ET METHODE CONNEXE**
[72] KELLY, ANDREW WAYNE, US
[72] SMITH, BRENT ALLEN, US
[72] BREINER, SCOTT JOSEPH, US
[72] TIMMERMAN, CRAIG RONALD, US
[73] DEERE & COMPANY, US
[86] (2605027)
[87] (2605027)
[22] 2007-10-02
[30] US (60/849,357) 2006-10-04

[11] **2,605,083**
[13] C
[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/36 (2006.01)**
[25] EN
[54] **FROZEN CONFECTIONS**
[54] **CONFISERIES SURGELEES**
[72] BERRY, MARK JOHN, GB
[72] HODDLE, ANDREW, GB
[72] QUAIL, PATRICIA JILL, GB
[72] WILKINSON, JOY ELIZABETH, GB
[73] UNILEVER PLC, GB
[86] (2605083)
[87] (2605083)
[22] 2007-10-02
[30] GB (EP06121668) 2006-10-03

---

[11] **2,605,525**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F02C 9/16 (2006.01) F15D 1/06 (2006.01)**
[25] EN
[54] **PLASMA ENHANCED RAPIDLY EXPANDED GAS TURBINE ENGINE TRANSITION DUCT**
[54] **GAINE DE TRANSITION DE TURBINE A GAZ A DILATATION RAPIDE ET AMELIOREE AU PLASMA**
[72] LEE, CHING-PANG, US
[72] WADIA, ASPI RUSTOM, US
[72] CHERRY, DAVID GLENN, US
[72] CARSON, SCOTT MICHAEL, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2605525)
[87] (2605525)
[22] 2007-10-04
[30] US (11/580,788) 2006-10-13

---

[11] **2,605,628**
[13] C
[51] **Int.Cl. B29C 55/12 (2006.01) B29C 55/18 (2006.01) C08J 5/18 (2006.01) C08L 77/06 (2006.01)**
[25] EN
[54] **BIAXIALLY STRETCHED, MULTI-LAYEREDED POLYAMIDE FILM AND PRODUCTION METHOD THEREOF**
[54] **FILM EN POLYAMIDE MULTICOUCHE, ETIRE SUIVANT DEUX AXES ET METHODE POUR LE PRODUIRE**
[72] NANBA, HIROYUKI, JP
[72] KOUNO, KENJI, JP
[72] TAKAHASHI, MAKOTO, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[86] (2605628)
[87] (2605628)
[22] 2007-09-26
[30] JP (2006-264355) 2006-09-28
[30] JP (2006-264356) 2006-09-28
[30] JP (2006-264357) 2006-09-28
[30] JP (2006-264358) 2006-09-28
[30] JP (2006-281264) 2006-10-16

---

[11] **2,606,193**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 9/445 (2006.01) G06F 15/177 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING WIRELESS APPLICATION PRIVILEGE MANAGEMENT**
[54] **PROCEDE DESTINE A METTRE EN OEUVRE UNE GESTION DE PRIVILEGES POUR DES APPLICATIONS SANS FIL**
[72] WALLIS, KENNETH, CA
[72] SHENFIELD, MICHAEL, CA
[72] BIBR, VIERA, CA
[72] FRITSCH, BRINDUSA, CA
[72] GORING, BRYAN R., CA
[72] VITANOV, KAMEN B., CA
[72] ROGERS, JEFFREY CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2007-10-16
[86] 2005-07-26 (PCT/CA2005/001169)
[87] (WO2006/110977)
[30] US (60/672,084) 2005-04-18

---

[11] **2,607,436**
[13] C
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/67 (2006.01)**
[25] EN
[54] **MOLD ACTUATOR STROKE CONTROL**
[54] **COMMANDE DE COURSE D'ACTIONNEUR DE MOULE**
[72] TANARY, SAMSIR, CA
[72] YU, WEICHUN, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[86] (2607436)
[87] (2607436)
[22] 2007-10-23

---

[11] **2,607,527**
[13] C
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING INSTRUMENTS INCLUDING A CARTRIDGE HAVING MULTIPLE STAPLE SIZES**
[54] **AGRAFEUSES CHIRURGICALES COMPRENANT UNE CARTOUCHE POUR DES AGRAFES DE PLUSIEURS DIMENSIONS**
[72] HOLSTEN, HENRY, US
[72] EMMONS, CLIFFORD L., US
[72] VIOLA, FRANK J., US
[72] BEARDSLEY, JOHN W., US
[72] HEINRICH, RUSSELL, US
[72] CULLINAN, NICOLA, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2607527)
[87] (2607527)
[22] 2007-10-22
[30] US (11/592,566) 2006-11-03

---

[11] **2,608,277**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) B01D 67/00 (2006.01) B01D 71/34 (2006.01)**
[25] EN
[54] **PVDF MEMBRANES**
[54] **MEMBRANES DE PVDF**
[72] BRAESCH-ANDERSEN, STEN, SE
[73] MABTECH AB, SE
[85] 2007-11-08
[86] 2006-05-09 (PCT/EP2006/004356)
[87] (WO2007/057057)
[30] GB (0509422.2) 2005-05-09

[11] **2,608,494**
[13] C
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **SPRING MOTOR AND DRAG BRAKE FOR DRIVE FOR COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **MOTEUR A RESSORT ET FREIN DE RALENTISSEMENT POUR ENTRAINEMENT DE RECOUVREMENT D'OUVERTURE ARCHITECTURALE**
[72] ANDERSON, RICHARD N., US
[72] FRASER, DONALD E., US
[72] FISHER, ROBERT E., II, US
[73] HUNTER DOUGLAS INC., US
[86] (2608494)
[87] (2608494)
[22] 2007-10-25
[30] US (60/862,855) 2006-10-25
[30] US (60/909,077) 2007-03-30

[11] **2,609,173**
[13] C
[51] **Int.Cl. A61K 39/40 (2006.01) A61K 35/20 (2006.01)**
[25] EN
[54] **ANTI-CLASS 5 FIMBRIAL ADHESIN-BASED PASSIVE IMMUNOPROPHYLACTIC**
[54] **PRODUIT IMMUNOPROPHYLACTIQUE PASSIF A BASE D'ADHESINE FIMBRIALE ANTI-ADHHESINE 5**
[72] SAVARINO, STEPHEN, US
[73] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY NAVAL MEDICAL RESEARCH CENTER, CODE 00L, US
[85] 2007-11-20
[86] 2006-05-23 (PCT/US2006/020064)
[87] (WO2006/127798)
[30] US (60/683,787) 2005-05-24

[11] **2,610,714**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **DEEP CLICKFLOW TRACKING**
[54] **PISTAGE DE CLICS APPROFONDI**
[72] SEIDL, ROBERT, US
[72] DOAN, KHAI, US
[72] THOMPSON, DAVID, US
[73] CALLIDUS SOFTWARE INC., US
[85] 2007-11-30
[86] 2006-05-26 (PCT/US2006/020857)
[87] (WO2006/130578)
[30] US (60/687,013) 2005-06-02
[30] US (11/417,949) 2006-05-03

[11] **2,611,342**
[13] C
[51] **Int.Cl. B66C 13/40 (2006.01) B66C 13/08 (2006.01) F03D 11/00 (2006.01)**
[25] EN
[54] **METHOD OF HANDLING WIND TURBINE BLADES AND DEVICE FOR MOUNTING WIND TURBINE BLADES, IN PARTICULAR MOUNTING BLADES ON A WIND TURBINE**
[54] **METHODE DE MANUTENTION ET DISPOSITIF D'INSTALLATION DES PALES D'EOLIENNE**
[72] HANSEN, HENRIK LYNDERUP, DK
[72] MOELLER, JESPER, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2611342)
[87] (2611342)
[22] 2007-11-21
[30] EP (EP06024336) 2006-11-23
[30] EP (EP06024337) 2006-11-23
[30] EP (EP07013725) 2007-07-12

[11] **2,612,322**
[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EFFICIENT PROVIDING OF SCHEDULING INFORMATION**
[54] **PROCEDE ET APPAREIL POUR LA FOURNITURE EFFICACE D'INFORMATION D'ORDONNANCEMENT**
[72] JULIAN, DAVID JONATHAN, US
[72] SUTIVONG, ARAK, TH
[73] QUALCOMM INCORPORATED, US
[85] 2007-12-14
[86] 2006-06-13 (PCT/US2006/023097)
[87] (WO2006/138339)
[30] US (60/691,460) 2005-06-16

[11] **2,612,547**
[13] C
[51] **Int.Cl. B01J 31/00 (2006.01)**
[25] EN
[54] **ISOTACTIC SPECIFIC CATALYST FOR DIRECT PRODUCTION OF HIGHLY ISOTACTIC POLY(PROPYLENE OXIDE) OR HIGHLY ISOTACTIC POLY(BUTYLENE OXIDE)**
[54] **CATALYSEUR SPECIFIQUE ISOTACTIQUE POUR LA PRODUCTION INDIRECTE D'UN OXYDE DE POLYPROPYLENE HAUTEMENT ISOTACTIQUE OU D'UN OXYDE DE POLYBUTYLENE HAUTEMENT ISOTACTIQUE**
[72] COATES, GEOFFREY W., US
[72] ALLEN, SCOTT D., US
[72] COHEN, CLAIRE, US
[72] PERETTI, KATHRYN, US
[72] AJIRO, HIROHARU, JP
[73] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2007-12-17
[86] 2006-06-20 (PCT/US2006/023888)
[87] (WO2007/002023)
[30] US (60/692,237) 2005-06-21
[30] US (11/454,945) 2006-06-19

[11] **2,613,024**
[13] C
[51] **Int.Cl. B01D 27/08 (2006.01) B01D 27/02 (2006.01)**
[25] EN
[54] **USE OF NON-METALLIC LOAD DEVICES IN LIQUID FILTERS**
[54] **UTILISATION DE DISPOSITIFS A CHARGE NON METALLIQUE DANS DES FILTRES A LIQUIDE**
[72] WRIGHT, ALLEN BUHR, US
[72] CLINE, L., STEVEN, US
[73] MANN+HUMMEL PUROLATOR FILTERS LLC, US
[86] (2613024)
[87] (2613024)
[22] 2007-12-03
[30] US (11/612,205) 2006-12-18

---

[11] **2,613,485**
[13] C
[51] **Int.Cl. B22F 1/00 (2006.01) B22F 9/06 (2006.01)**
[25] EN
[54] **PROCESS OF PRODUCTION OF A STABILIZED LITHIUM METAL POWDER FOR LI - ION APPLICATION**
[54] **POUDRE METALLIQUE DE LITHIUM STABILISEE POUR APPLICATION LI-ION, COMPOSITION ET PROCEDE**
[72] DOVER, TROY B., US
[72] WOLTERMANN, CHRISTOPHER J., US
[72] YAKOVLEVA, MARINA, US
[72] GAO, YUAN, US
[72] PALEPU, PRAKASH THYAGA, US
[73] FMC CORPORATION, LITHIUM DIVISION, US
[85] 2007-12-24
[86] 2006-07-05 (PCT/US2006/026238)
[87] (WO2007/005983)
[30] US (60/696,565) 2005-07-05
[30] US (11/480,606) 2006-07-03

---

[11] **2,614,744**
[13] C
[51] **Int.Cl. A61G 5/04 (2013.01) A61G 5/10 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROGRAMMING PARAMETERS OF A POWER DRIVEN WHEELCHAIR FOR A PLURALITY OF DRIVE SETTINGS**
[54] **PROCEDE ET APPAREIL DESTINES A PROGRAMMER LES PARAMETRES D'UN FAUTEUIL ROULANT MOTORISE POUR UNE PLURALITE DE REGLAGES D'ENTRAINEMENT**
[72] JAENKE, BRUCE A., US
[72] CHOPCINSKI, GARY E., US
[73] INVACARE CORPORATION, US
[85] 2008-01-09
[86] 2006-08-31 (PCT/US2006/033963)
[87] (WO2007/027845)
[30] US (60/712,987) 2005-08-31
[30] US (60/727,005) 2005-10-15
[30] US (60/726,983) 2005-10-15
[30] US (60/726,666) 2005-10-15
[30] US (60/726,981) 2005-10-15
[30] US (60/726,993) 2005-10-15
[30] US (60/727,249) 2005-10-15
[30] US (60/727,250) 2005-10-15

---

[11] **2,614,885**
[13] C
[51] **Int.Cl. A61K 31/455 (2006.01) A61P 3/06 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHYLNICOTINAMIDE DERIVATIVES AND FORMULATIONS FOR TREATMENT OF LIPOPROTEIN ABNORMALITIES**
[54] **DERIVES ET FORMULATIONS DE METHYLNICOTINAMIDE POUR LE TRAITEMENT D'ANOMALIES DE LIPOPROTEINE**
[72] BENDER, ROBERT, CA
[72] CHLOPICKI, STEFAN, PL
[72] GEBICKI, JERZY, PL
[73] CORTRIA CORPORATION, US
[85] 2008-01-10
[86] 2006-07-11 (PCT/IB2006/004013)
[87] (WO2007/074406)
[30] US (60/698,292) 2005-07-11

---

[11] **2,614,998**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 11/00 (2006.01) C12N 9/10 (2006.01) C12N 9/12 (2006.01) C12N 9/90 (2006.01)**
[25] EN
[54] **PRODUCTION OF SIALYLATED GLYCOPROTEINS IN BRYOPHYTES**
[54] **PRODUCTION DE GLYCOPROTEINES SIALYLEES DANS DES BRYOPHYTES**
[72] GORR, GILBERT, DE
[72] LAUNHARDT, HEIKE, DE
[72] STEMMER, CHRISTIAN, DE
[72] RODRIGUEZ FRANCO, MARTA, DE
[73] GREENOVATION BIOTECH GMBH, DE
[85] 2008-01-11
[86] 2006-07-12 (PCT/EP2006/006831)
[87] (WO2007/006570)
[30] US (60/698,246) 2005-07-12

---

[11] **2,615,041**
[13] C
[51] **Int.Cl. A23C 9/123 (2006.01) A23B 7/10 (2006.01) A23C 9/12 (2006.01) A23C 11/10 (2006.01) A23L 1/211 (2006.01) A23L 1/238 (2006.01)**
[25] FR
[54] **FERMENTED FOOD PRODUCTS CONTAINING PROBIOTIC STRAINS AND METHOD FOR PREPARING SAME**
[54] **PRODUITS ALIMENTAIRES FERMENTES CONTENANT DES SOUCHES PROBIOTIQUES, ET LEUR PROCEDE DE PREPARATION**
[72] TERRAGNO, LUC, FR
[72] DEBRU, FRANCOIS, FR
[72] TESSIER, PHILIPPE, FR
[72] HERVE, STEPHANE, ES
[72] BLACHON, JEAN-LUC, FR
[73] COMPAGNIE GERVAIS DANONE, FR
[85] 2008-01-11
[86] 2006-07-11 (PCT/FR2006/001687)
[87] (WO2007/006969)
[30] FR (0507528) 2005-07-13

[11] **2,616,267**
[13] C
[51] **Int.Cl. H04H 40/18 (2008.01) H04H 20/62 (2008.01) B60R 11/02 (2006.01)**
[25] EN
[54] **VEHICLE INFOTAINMENT SYSTEM WITH PERSONALIZED CONTENT**
[54] **SYSTEME D'INFO-DIVERTISSEMENT DE VEHICULE AVEC CONTENU PERSONNALISE**
[72] BAUER, LEE, US
[73] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US
[86] (2616267)
[87] (2616267)
[22] 2007-12-21
[30] US (60/882,734) 2006-12-29
[30] US (60/938,563) 2007-05-17
[30] US (11/960,589) 2007-12-19
[30] US (11/960,647) 2007-12-19

---

[11] **2,617,358**
[13] C
[51] **Int.Cl. C10B 29/06 (2006.01) C10B 29/02 (2006.01)**
[25] EN
[54] **COKE OVEN RECONSTRUCTION**
[54] **REFECTION DE FOUR A COKE**
[72] CRANE, JAMES D., US
[72] BLOOM, ROBERT A., US
[73] VANOCUR REFRACTORIES. L.L.C., US
[86] (2617358)
[87] (2617358)
[22] 2008-01-09
[30] US (11/653,695) 2007-01-16

---

[11] **2,620,075**
[13] C
[51] **Int.Cl. G01N 33/03 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT SCREENING OF FATTY ACID COMPOSITION**
[54] **CRIBLAGE A HAUT RENDEMENT D'UNE COMPOSITION D'ACIDES GRAS**
[72] DEPPERMANN, KEVIN L., US
[72] JURADO, LUIS, US
[72] VINJAMOORI, DUTT V., US
[72] DAS, PRADIP K., US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2008-02-21
[86] 2006-08-25 (PCT/US2006/033507)
[87] (WO2007/025250)
[30] US (60/711,775) 2005-08-26

---

[11] **2,621,942**
[13] C
[51] **Int.Cl. A47K 3/00 (2006.01) A47K 17/02 (2006.01) B29C 45/00 (2006.01) B29D 22/00 (2006.01)**
[25] EN
[54] **PLASTIC BATH BAR**
[54] **BARRE DE PREHENSION EN PLASTIQUE POUR LE BAIN**
[72] FORREST, EARL DAVID, US
[73] LIBERTY HARDWARE MFG. CORP., US
[86] (2621942)
[87] (2621942)
[22] 2008-02-20

---

[11] **2,622,010**
[13] C
[51] **Int.Cl. A61F 2/32 (2006.01)**
[25] EN
[54] **BLADE-LIKE STEM OF A HIP JOINT PROSTHESIS**
[54] **TIGE EN FORME DE LAME D'UNE PROTHESE DE HANCHE**
[72] MOSER, WALTER, CH
[72] SEIDL, ALEX, CH
[72] WUNDERLE, DIRK, CH
[73] PLUS ORTHOPEDICS AG, CH
[85] 2008-03-10
[86] 2006-08-08 (PCT/EP2006/007842)
[87] (WO2007/033727)
[30] DE (10 2005 044 872.0) 2005-09-20
[30] DE (10 2005 048 873.0) 2005-10-12

---

[11] **2,623,152**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AUTOMATIC INJECTION DEVICE FOR TWO-CHAMBER AMPOULES**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE POUR AMPOULES A DEUX CHAMBRES**
[72] WEBER, WILFRIED, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2008-03-19
[86] 2006-08-31 (PCT/DE2006/001512)
[87] (WO2007/033638)
[30] DE (20 2005 014 958.6) 2005-09-22

---

[11] **2,623,867**
[13] C
[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND RELATED METHODS SUITABLE FOR DELIVERY OF A LIQUID MEDICAMENT STORED AT CRYOGENIC TEMPERATURES**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES DESTINES A L'ADMINISTRATION D'UN MEDICAMENT LIQUIDE STOCKE A DES TEMPERATURES CRYOGENIQUES**
[72] GRANT, RICHARD ALEXANDER, AU
[72] LEIGH-LANCASTER, CHRISTOPHER JOHN, AU
[72] ZIPSIN, ANDREW, AU
[72] PEELE, TIMOTHY DOYLE, US
[72] FITZPATRICK, IAN S., AU
[73] ARGOS THERAPEUTICS, INC., US
[85] 2008-03-26
[86] 2006-10-13 (PCT/US2006/040491)
[87] (WO2007/044980)
[30] US (60/726,396) 2005-10-13

---

[11] **2,624,893**
[13] C
[51] **Int.Cl. C12N 15/62 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE RECOMBINANT EXPRESSION OF A POLYPEPTIDE**
[54] **PROCEDE D'EXPRESSION PAR RECOMBINAISON D'UN POLYPEPTIDE**
[72] KOPETZKI, ERHARD, DE
[73] F. HOFFMANN-LA ROCHE AG, US
[85] 2008-04-03
[86] 2006-10-19 (PCT/EP2006/010067)
[87] (WO2007/045465)
[30] EP (05023003.6) 2005-10-21
[30] EP (06010665.5) 2006-05-24

[11] **2,625,348**
[13] C
[51] **Int.Cl. G05B 19/418 (2006.01) B23Q 17/00 (2006.01)**
[25] EN
[54] **LIGHT GUIDED ASSEMBLY SYSTEM**
[54] **SYSTEME D'ENSEMBLE GUIDE PAR LA LUMIERE**
[72] RYZNAR, PAUL, US
[72] RYZNAR, JAMES, US
[73] OPS SOLUTIONS LLC, US
[85] 2008-04-07
[86] 2006-10-06 (PCT/US2006/039215)
[87] (WO2007/044558)
[30] US (60/724,858) 2005-10-07
[30] US (60/818,058) 2006-06-30

---

[11] **2,626,015**
[13] C
[51] **Int.Cl. A61B 17/11 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING A HOLE IN A HOLLOW ORGAN**
[54] **APPAREIL ET PROCEDE DE FORMATION D'ORIFICE DANS UN ORGANE CREUX**
[72] BEANE, RICHARD M., US
[72] BROWN, JOHN W., US
[72] CRUNKLETON, JAMES ALAN, US
[72] GAMMIE, JAMES S., US
[72] SMITH, JOSEPH L., JR., US
[73] CORREX, INC., US
[85] 2008-04-14
[86] 2006-10-16 (PCT/US2006/040230)
[87] (WO2007/081418)
[30] US (60/726,222) 2005-10-14

---

[11] **2,626,772**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01)**
[25] EN
[54] **SEPARATION OF CARBON DIOXIDE (CO2) FROM GAS MIXTURES BY CALCIUM BASED REACTION SEPARATION (CARS-CO2) PROCESS**
[54] **SEPARATION DE DIOXYDE DE CARBONE (CO2) DE MELANGES DE GAZ AU MOYEN D'UN PROCESSUS DE SEPARATION PAR REACTION A BASE DE CALCIUM (CARS-CO2)**
[72] FAN, LIANG-SHIH, US
[72] GUPTA, HIMANSHU, US
[72] IYER, MAHESH V., US
[73] THE OHIO STATE UNIVERSITY, US
[85] 2008-04-21
[86] 2005-11-01 (PCT/US2005/039263)
[87] (WO2007/046815)
[30] US (11/255,099) 2005-10-20

---

[11] **2,626,843**
[13] C
[51] **Int.Cl. C03C 17/34 (2006.01) C03C 17/23 (2006.01)**
[25] EN
[54] **ANTIFOULING MATERIAL AND PRODUCTION METHOD THEREOF**
[54] **MATERIAU ANTI-SALISSURES ET SON PROCEDE D'OBTENTION**
[72] NGHIEM, BERNARD, FR
[72] ZAGDOUN, GEORGES, FR
[72] SONDERGARD, ELIN, FR
[72] GARREC, RONAN, FR
[72] ROYER, EDDY, FR
[72] KHARCHENKO, ANDRIY, FR
[72] LELARGE, ANNE, FR
[72] BARTHEL, ETIENNE, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2008-04-21
[86] 2006-10-20 (PCT/FR2006/051074)
[87] (WO2007/045805)
[30] FR (0553203) 2005-10-21
[30] FR (0652877) 2006-07-07

---

[11] **2,627,782**
[13] C
[51] **Int.Cl. B65D 85/00 (2006.01) B32B 7/12 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **PREPAID CARD SECURITY PACKAGE**
[54] **CONDITIONNEMENT DE SECURITE POUR CARTES PREPAYEES**
[72] ROSENDALL, ERIC A., US
[73] THE JOHN HENRY COMPANY, US
[86] (2627782)
[87] (2627782)
[22] 2008-03-25
[30] US (60/896,999) 2007-03-26
[30] US (60/912,185) 2007-04-17

---

[11] **2,628,649**
[13] C
[51] **Int.Cl. G01N 21/90 (2006.01) B07C 5/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENSURING ROTATION OF A CONTAINER DURING INSPECTION**
[54] **APPAREIL ET PROCEDE DESTINES A ENTRAINER EN ROTATION UN RECIPIENT PENDANT SON INSPECTION**
[72] LANGENDERFER, BRIAN A., US
[72] JUVINALL, JOHN W., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2008-05-06
[86] 2006-11-17 (PCT/US2006/044698)
[87] (WO2007/061855)
[30] US (11/287,331) 2005-11-23

---

[11] **2,628,823**
[13] C
[51] **Int.Cl. A61M 29/00 (2006.01)**
[25] EN
[54] **DELAYED ACTION SPRING FORCE ELEMENT FOR NASAL DILATORS**
[54] **ELEMENT A EFFET DE RESSORT A ACTION RETARDEE POUR DILATATEURS NASAUX**
[72] FENTON, GUSTAV R., US
[73] CNS, INC., US
[85] 2008-05-06
[86] 2006-11-07 (PCT/US2006/060587)
[87] (WO2007/056715)
[30] US (60/734,676) 2005-11-07

[11] **2,628,967**
[13] C
[51] **Int.Cl. C09D 7/04 (2006.01) H02S 30/00 (2014.01) C08J 7/04 (2006.01) C09D 127/14 (2006.01) C09D 127/16 (2006.01)**
[25] EN
[54] **FLUOROPOLYMER COATED FILMS USEFUL FOR PHOTOVOLTAIC MODULES**
[54] **FILMS REVETUS DE FLUOROPOLYMERE UTILISABLES DANS DES MODULES PHOTOVOLTAIQUES**
[72] DEBERGALIS, MICHAEL, US
[72] SNOW, LARRY GLEN, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2008-05-07
[86] 2006-12-29 (PCT/US2006/049624)
[87] (WO2007/079246)
[30] US (60/755,197) 2005-12-30

[11] **2,630,061**
[13] C
[51] **Int.Cl. A61B 17/94 (2006.01)**
[25] EN
[54] **AN ACTIVE CANNULA FOR BIO-SENSING AND SURGICAL INTERVENTION**
[54] **CATHETER ACTIF POUR BIODETECTION ET INTERVENTION CHIRURGICALE**
[72] WEBSTER, ROBERT JAMES, III, US
[72] OKAMURA, ALLISON M., US
[72] COWAN, NOAH J., US
[72] TAYLOR, RUSSELL H., US
[73] JOHNS HOPKINS UNIVERSITY, US
[85] 2008-05-15
[86] 2006-11-15 (PCT/US2006/044386)
[87] (WO2007/059233)
[30] US (60/736,789) 2005-11-15
[30] US (60/849,788) 2006-10-06

[11] **2,630,733**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **A METHOD AND ARRANGEMENT FOR ENABLING MULTIMEDIA COMMUNICATION**
[54] **PROCEDE ET AGENCEMENT DESTINES A METTRE EN OEUVRE UNE COMMUNICATION MULTIMEDIA**
[72] CAGENIUS, TORBJOERN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2008-05-21
[86] 2005-11-24 (PCT/SE2005/001765)
[87] (WO2007/061345)

[11] **2,630,755**
[13] C
[51] **Int.Cl. C10G 69/10 (2006.01) C10G 45/58 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF LOW SULFUR DIESEL AND HIGH OCTANE NAPHTHA**
[54] **PROCEDE PERMETTANT LA PRODUCTION DE DIESEL A FAIBLE TENEUR EN SOUFRE ET DE NAPHTE A INDICE D'OCTANE ELEVE**
[72] THAKKAR, VASANT PRAGJI, US
[72] HOEHN, RICHARD KEITH, US
[73] UOP LLC, US
[86] (2630755)
[87] (2630755)
[22] 2008-05-06

[11] **2,630,968**
[13] C
[51] **Int.Cl. B62B 5/04 (2006.01) F16D 65/14 (2006.01)**
[25] EN
[54] **DOLLY WITH WHEEL LOCK**
[54] **DIABOLO AVEC BLOCAGE DE ROUE**
[72] MARTINEZ, DAVID, US
[73] SHOP VAC CORPORATION, US
[86] (2630968)
[87] (2630968)
[22] 2008-05-08
[30] US (11/782,106) 2007-07-24

[11] **2,630,976**
[13] C
[51] **Int.Cl. G08G 5/02 (2006.01) B64D 45/04 (2006.01) G01C 21/00 (2006.01) G01S 5/14 (2006.01)**
[25] FR
[54] **SYSTEM FOR PILOTING AN AIRCRAFT**
[54] **SYSTEME DE PILOTAGE D'UN AERONEF**
[72] MARKITON, VINCENT, FR
[72] LAINE, FRANCK, FR
[72] RENAULT, EDITH, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2008-05-23
[86] 2007-01-10 (PCT/FR2007/000037)
[87] (WO2007/080314)
[30] FR (06 00247) 2006-01-11

[11] **2,631,524**
[13] C
[51] **Int.Cl. A61K 38/57 (2006.01) C07K 1/22 (2006.01) C07K 14/81 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE PURIFICATION OF ALPHA-1-ANTITRYPSIN**
[54] **PROCEDE DE PURIFICATION DE L'ALPHA-1-ANTITRYPSINE**
[72] KUMPALUME, PETER, GB
[72] PODMORE, ADRIAN, GB
[72] DALTON, JOAN, GB
[73] BIO PRODUCTS LABORATORY LIMITED, GB
[85] 2008-05-29
[86] 2006-11-29 (PCT/GB2006/004458)
[87] (WO2007/063299)
[30] GB (0524432.2) 2005-11-30

[11] **2,632,323**
[13] C
[51] **Int.Cl. A01N 43/90 (2006.01) A01N 25/02 (2006.01) A01N 25/22 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **STORAGE STABLE HERBICIDAL COMPOSITION IN THE FORM OF AN EMULSIFIABLE CONCENTRATE COMPRISING 2,2-DIMETHYL-PROPIONIC ACID 8-(2,6-DIETHYL-4-METHYL-PHENYL)-9-OXO-1,2,4,5-TETRAHYDRO-9H-PYRAZOLO[1,2-D][1,4,5]OXADIAZEPIN-7-YL ESTER AND AN ALCOHOL**
[54] **COMPOSITION HERBICIDE STABLE DE STOCKAGE SOUS LA FORME D'UN CONCENTRE EMULSIONNABLE COMPRENANT UN ACIDE 2,2-DIMETHYL-PROPIONIQUE_8-(2,6-DIETHYL-4-METHYL-PHENYL)-9-OXO-1,2,4,5-TETRAHYDRO-9HLPYRAZOLO[1,2 -D][1,4,5] OXADIAZEPIN-7-YL ESTER ET UN ALCOOL**
[72] SCHNEIDER, RUDOLF, CH
[73] SYNGENTA PARTICIPATION AG, CH
[85] 2008-06-03
[86] 2006-12-27 (PCT/EP2006/012539)
[87] (WO2007/073933)
[30] CH (2075/05) 2005-12-27

---

[11] **2,632,503**
[13] C
[51] **Int.Cl. A01B 29/04 (2006.01)**
[25] FR
[54] **SEMI-HOLLOW PNEUMATIC-TIRED ROLLER FOR FARM MACHINE, NAMELY A ROLLER THAT CAN BE COMBINED WITH A SEEDING IMPLEMENT OR TOOL FOR PREPARING THE SOIL**
[54] **ROULEAU A PNEUMATIQUES SEMI-CREUX POUR MACHINE AGRICOLE, NOTAMMENT ROULEAU COMBINABLE A UN SEMOIR OU A UN OUTIL DE PREPARATION DU SOL**
[72] PHELY, OLIVIER, FR
[73] OTICO, FR
[86] (2632503)
[87] (2632503)
[22] 2008-05-29
[30] FR (0704359) 2007-06-19

---

[11] **2,634,771**
[13] C
[51] **Int.Cl. A61F 2/95 (2013.01)**
[25] EN
[54] **PROSTHESIS DEPLOYMENT SYSTEM**
[54] **SYSTEME DE DEPLOIEMENT DE PROTHESE**
[72] OSBORNE, THOMAS A., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2008-06-20
[86] 2006-12-22 (PCT/US2006/049240)
[87] (WO2007/076114)
[30] US (60/753,502) 2005-12-23

---

[11] **2,636,338**
[13] C
[51] **Int.Cl. C07C 315/06 (2006.01) C07C 317/24 (2006.01)**
[25] EN
[54] **PROCESS FOR THE CRYSTALLISATION OF MESOTRIONE**
[54] **PROCEDE DE PRODUCTION DE MESOTRIONE**
[72] BINDER, ARTHUR, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2008-07-04
[86] 2007-01-15 (PCT/IB2007/000198)
[87] (WO2007/083242)
[30] US (60/759,707) 2006-01-18

---

[11] **2,636,625**
[13] C
[51] **Int.Cl. C07D 263/52 (2006.01) C07D 413/04 (2006.01) C07D 413/06 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 417/10 (2006.01) A61K 31/27 (2006.01) A61K 31/341 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61K 31/5375 (2006.01) A61P 19/10 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **OXAZOLONE DERIVATIVES**
[54] **DERIVE OXAZOLONE**
[72] KOJI, TSUNEO, JP
[72] KUNII, HISATOMO, JP
[72] KOBAYASHI, NOBUO, JP
[73] SEIKAGAKU CORPORATION, JP
[85] 2008-07-08
[86] 2007-01-10 (PCT/JP2007/050152)
[87] (WO2007/080882)
[30] JP (2006-003441) 2006-01-11
[30] JP (2006-343598) 2006-12-20

---

[11] **2,637,414**
[13] C
[51] **Int.Cl. H01L 23/427 (2006.01) B81B 3/00 (2006.01) B81B 7/00 (2006.01) H01H 1/00 (2006.01)**
[25] EN
[54] **MINIATURIZED HIGH CONDUCTIVITY THERMAL/ELECTRICAL SWITCH**
[54] **COMMUTATEUR THERMIQUE/ELECTRIQUE MINIATURISE A HAUTE CONDUCTIVITE**
[72] STENMARK, LARS, SE
[73] AAC MICROTEC AB, SE
[85] 2008-07-16
[86] 2007-01-18 (PCT/SE2007/050030)
[87] (WO2007/084070)
[30] SE (0600096-2) 2006-01-18

---

[11] **2,637,797**
[13] C
[51] **Int.Cl. C07D 307/93 (2006.01) C07C 405/00 (2006.01) C07D 311/94 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING PROSTAGLANDIN DERIVATIVE**
[54] **METHODE DE PREPARATION DE DERIVES DE PROSTAGLANDINE**
[72] HIRATA, RYU, JP
[72] MATSUKAWA, TATSUYA, JP
[72] MASUZAKI, KAZUHIRO, JP
[72] UENO, RYUJI, US
[73] R-TECH UENO, LTD., JP
[73] SUCAMPO AG, CH
[85] 2008-07-21
[86] 2007-02-06 (PCT/JP2007/052432)
[87] (WO2007/091697)
[30] US (60/765,728) 2006-02-07

[11] **2,637,961**
[13] C
[51] **Int.Cl. B23B 49/02 (2006.01) B23Q 3/18 (2006.01)**
[25] EN
[54] **ALIGNING A MACHINE TOOL WITH A TARGET LOCATION ON A STRUCTURE**
[54] **ALIGNEMENT DE MACHINE-OUTIL AVEC EMPLACEMENT DE CIBLE SUR UNE STRUCTURE**
[72] LIPCZYNSKI, GARY A., US
[72] WHINNEM, ERIC, US
[73] THE BOEING COMPANY, US
[86] (2637961)
[87] (2637961)
[22] 2008-07-16
[30] US (11/832,269) 2007-08-01

---

[11] **2,638,193**
[13] C
[51] **Int.Cl. A23G 3/52 (2006.01) A23G 1/04 (2006.01) A23G 1/52 (2006.01) A23G 1/54 (2006.01) A23G 3/02 (2006.01) A23G 3/20 (2006.01) A23G 3/54 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A CONFECTIONERY PRODUCT**
[54] **RECETTE DE PRODUIT DE CONFISERIE**
[72] ABYLOV, MELIS, DE
[72] DURCO, JURAJ, SI
[72] SIMBUERGER, DIETER STEPHAN, DE
[73] KRAFT FOODS R & D, INC., US
[86] (2638193)
[87] (2638193)
[22] 2008-07-18
[30] EP (07 014 289.8) 2007-07-20

---

[11] **2,639,189**
[13] C
[51] **Int.Cl. F04B 47/02 (2006.01) E21B 43/12 (2006.01) F04B 47/12 (2006.01)**
[25] EN
[54] **AN UNLIMITED STROKE DRIVE OIL WELL PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE DE PUITS DE PETROLE A TRANSMISSION DE COURSE ILLIMITEE**
[72] BROWN, THADDEUS LEON, US
[73] SOUTHERN FLOW COMPANIES, INC., US
[86] (2639189)
[87] (2639189)
[22] 2008-08-27
[30] US (11/899,279) 2007-09-05

---

[11] **2,639,859**
[13] C
[51] **Int.Cl. B65D 47/34 (2006.01) A47K 5/12 (2006.01) B65D 47/40 (2006.01)**
[25] EN
[54] **DISPENSER PUMP HEAD FOR CONTROLLING MISDIRECTION**
[54] **TETE DE POMPE DE DISTRIBUTEUR PERMETTANT DE LIMITER LA MAUVAISE DIRECTION DE LA SOLUTION**
[72] HOUGHTON, WESTON R., US
[72] ALLEN, ESTELLA, US
[72] RAY, EUGENE W., US
[73] KANFER, JOSEPH S., US
[86] (2639859)
[87] (2639859)
[22] 2008-09-25
[30] US (11/977,287) 2007-10-24

---

[11] **2,640,365**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **GEOGRAPHIC CODING FOR LOCATION SEARCH QUERIES**
[54] **CODAGE GEOGRAPHIQUE POUR DES REQUETES RECHERCHE DE POSITION**
[72] BURON, FLORIAN MICHEL, US
[72] BALAKRISHNAN, RAMESH, US
[72] NORRIS, JAMES CHRISTOPHER, US
[72] MULLER, JAMES ROBERT, US
[72] TRAN, THAI, US
[72] RASMUSSEN, LARS EILSTRUP, AU
[73] GOOGLE INC., US
[85] 2008-07-25
[86] 2007-01-26 (PCT/US2007/061133)
[87] (WO2007/087629)
[30] US (60/763,168) 2006-01-27
[30] US (60/869,549) 2006-12-11

---

[11] **2,640,449**
[13] C
[51] **Int.Cl. A61G 1/02 (2006.01)**
[25] EN
[54] **AMBULANCE COT WITH IMPROVED DROP FRAME**
[54] **LIT D'AMBULANCE A CADRE DE CHASSIS SURBAISSE AMELIORE**
[72] WELLS, TIMOTHY R., US
[73] FERNO-WASHINGTON, INC., US
[85] 2008-07-25
[86] 2007-01-24 (PCT/US2007/002046)
[87] (WO2007/089536)
[30] US (11/340,165) 2006-01-26

---

[11] **2,640,920**
[13] C
[51] **Int.Cl. C02F 11/04 (2006.01) C02F 3/12 (2006.01) C02F 3/30 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **FEEDBACK SYSTEM FOR ENHANCING ELIMINATION OF BIOMASS IN SEWAGE SLUDGE**
[54] **SYSTEME DE RECIRCULATION PERMETTANT D'AMELIORER L'ELIMINATION DE BIOMASSE DANS DES BOUES D'EPURATION**
[72] LUGOWSKI, ANDREW J., CA
[72] NAKHLA, GEORGE F., CA
[72] SINGH, AJAY, CA
[72] WARD, OWEN P., CA
[72] MOSHER, FREDERICK A., CA
[73] LYSTEK INTERNATIONAL, INC., CA
[86] (2640920)
[87] (2640920)
[22] 2008-10-10

---

[11] **2,641,152**
[13] C
[51] **Int.Cl. H01M 10/056 (2010.01)**
[25] EN
[54] **LITHIUM SECONDARY BATTERY USING IONIC LIQUID**
[54] **BATTERIE RECHARGEABLE AU LITHIUM UTILISANT UN LIQUIDE IONIQUE**
[72] ISHIKO, ERIKO, JP
[72] KIKUTA, MANABU, JP
[72] KONO, MICHIYUKI, JP
[73] DAI-ICHI KOGYO SEIYAKU CO., LTD., JP
[85] 2008-07-31
[86] 2006-12-11 (PCT/JP2006/324702)
[87] (WO2007/088677)
[30] JP (2006-027368) 2006-02-03

[11] **2,641,153**
[13] C
[51] **Int.Cl. G07C 9/00 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CODING IDENTIFICATION INFORMATION INTO A SECURITY TRANSMISSION AND METHOD AND APPARATUS FOR AUTOMATIC LEARNING OF REPLACEMENT SECURITY CODES**
[54] **METHODE ET APPAREIL D'ENCODAGE DE DONNEES D'IDENTIFICATION EN TRANSMISSIONS DE CODES DE SECURITE ET METHODE ET APPAREIL POUR L'APPRENTISSAGE AUTOMATIQUE DU REMPLACEMENT DES CODES DE SECURITE**
[72] CALLENTINE, DONALD RICHARD, US
[72] FITZGIBBON, JAMES JOSEPH, US
[72] TEMPLETON, ERIC, US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2641153)
[87] (2641153)
[22] 2008-10-16
[30] US (11/977,744) 2007-10-25

---

[11] **2,642,392**
[13] C
[51] **Int.Cl. C22C 38/26 (2006.01) C22C 38/30 (2006.01) C22C 38/48 (2006.01) C22C 38/52 (2006.01) H01M 8/02 (2006.01)**
[25] EN
[54] **CREEP-RESISTANT FERRITIC STEEL**
[54] **ACIER FERRITIQUE RESISTANT AU FLUAGE**
[72] QUADAKKERS, WILLEM J., NL
[72] NIEWOLAK, LESZEK, DE
[72] ENNIS, PHILIP JAMES, DE
[73] FORSCHUNGSZENTRUM JUELICH GMBH, DE
[85] 2008-08-11
[86] 2007-01-31 (PCT/DE2007/000166)
[87] (WO2007/093148)
[30] DE (10 2006 007 598.6) 2006-02-18

---

[11] ***2,642,585**
[13] C
[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/70 (2013.01) H04L 12/46 (2006.01)**
[25] EN
[54] **TECHNIQUE OF CONTROLLING EXTERNAL COMMUNICATION OF EMBEDED DEVICE USING PROXY SERVER**
[54] **TECHNIQUE DE COMMANDE DE COMMUNICATION EXTERNE D'UN DISPOSITIF INTEGRE AU MOYEN D'UN SERVEUR MANDATAIRE**
[72] AOKI, YASUHIRO, JP
[72] OHTANI, MUNETAKA, JP
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2008-08-15
[86] 2007-04-10 (PCT/JP2007/057895)
[87] (WO2007/123025)
[30] JP (2006-111300) 2006-04-13

---

[11] **2,643,146**
[13] C
[51] **Int.Cl. H04M 3/42 (2006.01)**
[25] EN
[54] **TELECOMMUNICATIONS CALLS WITH TRANSFER OF ADDITIONAL DATA**
[54] **APPELS TELEPHONIQUES AVEC TRANSFERT DE DONNEES SUPPLEMENTAIRES**
[72] BOYD, IVAN, GB
[72] CLAXTON, ROBERT MICHAEL, GB
[72] CASSIDY, STEPHEN ANTHONY, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2008-08-21
[86] 2007-02-28 (PCT/GB2007/000694)
[87] (WO2007/113459)
[30] EP (06251793.3) 2006-03-30

---

[11] **2,644,013**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A61J 1/03 (2006.01)**
[25] EN
[54] **MEDICAMENT MAGAZINE FOR AN INHALER, AND A MULTI-DOSE POWDER INHALER**
[54] **MAGASIN A MEDICAMENTS POUR INHALATEUR, ET INHALATEUR A POUDRE A DOSES MULTIPLES**
[72] WACHTEL, HERBERT, DE
[72] GESER, JOHANNES, DE
[72] METZGER, BURKHARD P., DE
[72] SPALLEK, MICHAEL, DE
[72] KRUEGER, MICHAEL, DE
[72] KUNZE, HUBERT, DE
[72] MOSER, ACHIM, DE
[72] MOCK, ELMAR, CH
[72] LANCI, ANTONINO, CH
[72] KLOPFENSTEIN, ANDRE, CH
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2008-10-07
[86] 2007-04-13 (PCT/CH2007/000180)
[87] (WO2007/118342)
[30] EP (06405163.4) 2006-04-13

[11] **2,644,653**
[13] C
[51] **Int.Cl. C08L 97/02 (2006.01) A01N 59/14 (2006.01) B27K 3/52 (2006.01) C08J 3/20 (2006.01) C08K 3/38 (2006.01) C08K 5/17 (2006.01) C08L 1/08 (2006.01) C08L 3/04 (2006.01) C09K 21/02 (2006.01)**
[25] FR
[54] **POLYSACCHARIDE-BASED IMPREGNATED SOLID MATERIAL WITH IMPROVED STABILITY, METHODS FOR PREPARING SAME, AND IMPREGNATING SOLUTIONS USED**
[54] **MATIERE SOLIDE A BASE DE POLYSACCHARIDES IMPREGNEE ET A STABILITE AMELIOREE PROCEDES DE PREPARATION ET SOLUTIONS D'IMPREGNATION UTILISEES**
[72] BESNER, ANDRE, CA
[72] GASTONGUAY, LOUIS, CA
[72] HARVEY, PAUL-ETIENNE, CA
[72] LABRECQUE, JEAN-FRANCOIS, CA
[72] PERRIER, MICHEL, CA
[72] ROBITAILLE, MICHEL, CA
[73] HYDRO-QUEBEC, CA
[85] 2008-09-19
[86] 2007-03-28 (PCT/CA2007/000498)
[87] (WO2007/109898)
[30] CA (2,541,125) 2006-03-28

---

[11] **2,645,475**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61J 3/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **SOLID ORAL FORM OF A MEDICINAL PREPARATION AND A METHOD FOR THE PRODUCTION THEREOF**
[54] **FORME ORALE SOLIDE D'UNE PREPARATION MEDICINALE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] EPSHTEIN, OLEG ILIICH, RU
[73] EPSHTEIN, OLEG ILIICH, RU
[85] 2008-09-10
[86] 2006-05-16 (PCT/RU2006/000237)
[87] (WO2007/105981)
[30] RU (2006107580) 2006-03-13

---

[11] **2,645,767**
[13] C
[51] **Int.Cl. A61K 31/7084 (2006.01) A61K 31/7076 (2006.01)**
[25] EN
[54] **SOLID ORAL COMPOSITIONS BASED ON S-ADENOSYL METHIONINE AND/OR NADH AND PROCESS FOR OBTAINING THEM**
[54] **COMPOSITIONS ORALES SOLIDES A BASE DE S-ADENOSYL METHIONINE ET/OU NADH ET PROCESSUS PERMETTANT DE LES OBTENIR**
[72] GIOVANNONE, DANIELE, IT
[72] DE ANGELIS, CARLO, IT
[73] GNOSIS SPA, IT
[73] GIOVANNONE, DANIELE, IT
[85] 2008-09-12
[86] 2006-08-08 (PCT/IT2006/000610)
[87] (WO2007/113885)
[30] IT (MI2006A000629) 2006-03-31

---

[11] **2,647,190**
[13] C
[51] **Int.Cl. H04W 8/22 (2009.01) H04W 80/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION TERMINAL AND PROGRAM**
[54] **TERMINAL DE COMMUNICATION MOBILE ET PROGRAMME**
[72] SHIGA, NORITAKE, JP
[72] KITANO, SHUJI, JP
[73] KYOCERA CORPORATION, JP
[85] 2008-09-25
[86] 2007-03-28 (PCT/JP2007/056607)
[87] (WO2007/114150)
[30] JP (2006-099324) 2006-03-31

---

[11] **2,647,788**
[13] C
[51] **Int.Cl. B66F 3/10 (2006.01) B65G 1/04 (2006.01) B66F 3/44 (2006.01)**
[25] EN
[54] **ELECTRO-MECHANICAL LIFTING DEVICE**
[54] **DISPOSITIF DE LEVAGE ELECTRO-MECANIQUE**
[72] VENTURINI, SANDRO, IT
[72] ISOPO, CRISTIAN, IT
[73] VENTURINI, SANDRO, IT
[73] ISOPO, CRISTIAN, IT
[85] 2008-09-29
[86] 2007-03-30 (PCT/IT2007/000245)
[87] (WO2007/113891)
[30] IT (RM2006A000180) 2006-03-31

---

[11] **2,647,951**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER MOUTHPIECE WITH AERODYNAMIC COMPONENTS WITHIN THE INHALATION CHANNEL**
[54] **EMBOUT BUCCAL D'INHALATEUR AVEC COMPOSANTES AERODYNAMIQUES DANS LE CANALD'INHALATION**
[72] WACHTEL, HERBERT, DE
[73] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2008-09-30
[86] 2007-04-04 (PCT/EP2007/053324)
[87] (WO2007/118800)
[30] DE (10 2006 016 901.8) 2006-04-11

---

[11] **2,648,433**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) F21S 8/00 (2006.01) F21V 33/00 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **PERMANENTLY INSTALLED LIGHT EMITTING ELEMENTS FOR A BARRIER OPERATOR**
[54] **ELEMENTS ELECTROLUMINESCENTS A INSTALLATION PERMANENTE POUR OPERATEUR DE BARRIERE**
[72] FITZGIBBON, JAMES J., US
[72] JOHNSON, KEITH, US
[72] MACK, DAVID THOMAS, US
[72] OLMSTED, ROBERT J., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2648433)
[87] (2648433)
[22] 2008-12-30
[30] US (11/971,718) 2008-01-09

[11] **2,648,680**
[13] C
[51] **Int.Cl. B32B 33/00 (2006.01) B32B 3/28 (2006.01) B32B 5/02 (2006.01) B32B 25/10 (2006.01) E04B 1/82 (2006.01) E04B 1/94 (2006.01)**
[25] EN
[54] **A TRANSPARENT ACOUSTICAL LAMINATE WALL SYSTEM AND METHOD OF FORMING SAME**
[54] **SYSTEME MURAL TRANSPARENT STRATIFIE INSONORISANT ET PROCEDE DE REALISATION**
[72] SPARKS, AMY, US
[72] PASTRICK, TODD W., US
[73] SOUNDTECH, INC., US
[86] (2648680)
[87] (2648680)
[22] 2009-01-09
[30] US (12/061,829) 2008-04-03

[11] **2,649,486**
[13] C
[51] **Int.Cl. G01V 13/00 (2006.01)**
[25] EN
[54] **ULTRASONIC LOGGING METHODS AND APPARATUS FOR AUTOMATICALLY CALIBRATING MEASURES OF ACOUSTIC IMPEDANCE OF CEMENT AND OTHER MATERIALS BEHIND CASING**
[54] **METHODES ET APPAREILLAGE DE DIAGRAPHIE ULTRASONORE PERMETTANT D'ETALONNER AUTOMATIQUEMENT LES MESURES DE L'IMPEDANCE ACOUSTIQUE DU CIMENT ET D'AUTRES MATERIAUX DERRIERE UN TUBAGE**
[72] TELLO, LUCIO N., US
[73] PRECISION ENERGY SERVICES, INC., US
[86] (2649486)
[87] (2649486)
[22] 2009-01-13
[30] US (12/034,990) 2008-02-21

[11] **2,649,756**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **INVENTORY VERIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONTROLE D'INVENTAIRE**
[72] BOROM, MICHAEL PRESTON, US
[73] RGIS, LLC, US
[86] (2649756)
[87] (2649756)
[22] 2009-01-15
[30] US (12/204,435) 2008-09-04

[11] **2,651,021**
[13] C
[51] **Int.Cl. B23C 5/06 (2006.01) B23C 5/16 (2006.01)**
[25] FR
[54] **SURFACING AND CONTOUR MILLING TOOL FOR HIGH-SPEED MACHINING OF COMPOSITE MATERIAL PARTS**
[54] **FRAISE DE SURFACAGE ET DE DETOURAGE POUR L'USINAGE A GRANDE VITESSE DE PIECES EN MATERIAU COMPOSITE**
[72] TURRINI, CLAUDE ROGER ROBERT, FR
[73] SNECMA, FR
[86] (2651021)
[87] (2651021)
[22] 2009-01-19
[30] FR (08/00335) 2008-01-23

[11] **2,651,025**
[13] C
[51] **Int.Cl. D21C 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A PULP**
[54] **PROCEDE DE PRODUCTION DE PATE CHIMIQUE**
[72] SIXTA, HERBERT, AT
[72] PROBERGER, ANDREA, AT
[72] BORGARDS, ANDREA, AT
[72] MOESLINGER, ROLAND, AT
[73] LENZING AKTIENGESELLSCHAFT, AT
[85] 2008-11-04
[86] 2007-05-09 (PCT/AT2007/000224)
[87] (WO2007/128026)
[30] AT (A 807/2006) 2006-05-10

[11] **2,651,055**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01)**
[25] FR
[54] **TURBOJET COMPRESSOR**
[54] **COMPRESSEUR DE TURBOREACTEUR**
[72] AUBIN, STEPHAN, FR
[72] BELMONTE, OLIVIER, FR
[73] SNECMA, FR
[86] (2651055)
[87] (2651055)
[22] 2009-01-23
[30] FR (0850565) 2008-01-30

[11] **2,653,406**
[13] C
[51] **Int.Cl. A61B 5/053 (2006.01)**
[25] EN
[54] **IMPEDANCE MEASUREMENTS**
[54] **MESURES D'IMPEDANCE**
[72] MCGREE, JAMES MATTHEW, AU
[72] DUFFULL, STEPHEN BRENT, AU
[72] WARD, LEIGH CORDWIN, AU
[72] ECCLESTON, JOHN ANTHONY, AU
[73] IMPEDIMED LIMITED, AU
[85] 2008-11-24
[86] 2007-05-25 (PCT/AU2007/000726)
[87] (WO2007/137333)
[30] AU (2006902907) 2006-05-30

[11] **2,653,902**
[13] C
[51] **Int.Cl. A61K 31/573 (2006.01) A61K 31/48 (2006.01) A61K 47/48 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **USE OF A STEROID PRODRUG FOR THE TREATMENT OF DISEASE OF THE POSTERIOR SEGMENT OF THE EYE**
[54] **UTILISATION D'UN PROMEDICAMENT STEROIDIEN POUR LE TRAITEMENT DU SEGMENT POSTERIEUR DE L'OEIL**
[72] RABINOVICH-GUILATT, LAURA, IL
[72] LAMBERT, GREGORY, FR
[73] SANTEN SAS, FR
[85] 2008-11-28
[86] 2007-06-01 (PCT/EP2007/055413)
[87] (WO2007/138113)
[30] EP (06290902.3) 2006-06-01
[30] US (11/444,337) 2006-06-01

[11] **2,653,915**
[13] C
[51] **Int.Cl. A01B 1/00 (2006.01) A01B 1/22 (2006.01)**
[25] EN
[54] **IMPLEMENTS**
[54] **OUTILS**
[72] BOIES, DAVID, CA
[73] GARANT GP, CA
[86] (2653915)
[87] (2653915)
[22] 2009-02-12
[30] US (61/028,278) 2008-02-13

[11] **2,654,510**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/19 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **VEGF ANTAGONIST FORMULATIONS SUITABLE FOR INTRAVITREAL ADMINISTRATION**
[54] **FORMULATIONS ANTAGONISTES DU VEGF APPROPRIEES A UNE ADMINISTRATION INTRAVITREENNE**
[72] FURFINE, ERIC, US
[72] DIX, DANIEL, US
[72] GRAHAM, KENNETH S., US
[72] FRYE, KELLY, US
[73] REGENERON PHARMACEUTICALS, INC., US
[85] 2008-12-05
[86] 2007-06-14 (PCT/US2007/014085)
[87] (WO2007/149334)
[30] US (60/814,484) 2006-06-16

[11] **2,655,081**
[13] C
[51] **Int.Cl. A61K 31/195 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **CHOLECYSTOKININ-1 (CCK1) RECEPTOR ANTAGONISTS IN THE TREATMENT OF GASTROINTESTINAL AND RELATED DISORDERS**
[54] **ANTAGONISTES DU RECEPTEUR DE CHOLECYSTOKININE-1 (CCK1) UTILES DANS LE TRAITEMENT DE TROUBLES GASTRO-INTESTINAUX ET DE TROUBLES ASSOCIES**
[72] MAKOVEC, FRANCESCO, IT
[72] D'AMATO, MASSIMO MARIA, IT
[72] GIORDANI, ANTONIO, IT
[72] ROVATI, LUCIO CLAUDIO, IT
[73] ROTTAPHARM BIOTECH S.R.L., IT
[85] 2008-12-11
[86] 2007-06-12 (PCT/EP2007/055761)
[87] (WO2007/144345)
[30] US (11/424,104) 2006-06-14

[11] **2,655,182**
[13] C
[51] **Int.Cl. A63B 22/14 (2006.01) A61H 1/00 (2006.01) A63B 26/00 (2006.01)**
[25] FR
[54] **APPARATUS FOR GLOBAL CORPORAL MOBILIZATION AND USE THEREOF**
[54] **APPAREIL DE MOBILISATION CORPORELLE GLOBALE ET UTILISATION D'UN TEL APPAREIL**
[72] TUDICO, GIANFRANCO, FR
[73] GENDA LIMITED, IE
[85] 2008-12-09
[86] 2007-06-08 (PCT/FR2007/000947)
[87] (WO2007/141429)
[30] FR (0605137) 2006-06-09

[11] **2,655,508**
[13] C
[51] **Int.Cl. A61F 5/44 (2006.01) B32B 27/12 (2006.01)**
[25] EN
[54] **SKIN CONTACTING PRODUCT AND METHOD OF MAKING SAME**
[54] **PRODUIT DESTINE A ETRE PORTE AU CONTACT DE LA PEAU ET PROCEDE DE FABRICATION D'UN TEL PRODUIT**
[72] WILLIS, WILLIAM H., US
[72] PASSALAQUA, JAMES J., US
[73] HOLLISTER INCORPORATED, US
[85] 2008-12-16
[86] 2008-01-14 (PCT/US2008/050964)
[87] (WO2008/112337)
[30] US (11/717,569) 2007-03-13

[11] **2,656,065**
[13] C
[51] **Int.Cl. G09F 3/02 (2006.01) B44C 3/02 (2006.01)**
[25] EN
[54] **ADHERING GRAPHIC FILMS ON IRREGULAR SUBSTRATES**
[54] **ADHESION DE FILMS GRAPHIQUES SUR DES SUBSTRATS IRREGULIERS**
[72] STEELMAN, RONALD S., US
[72] NIELSEN, JOSEPH A., US
[72] SHER, FRANK T., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2008-12-22
[86] 2007-06-19 (PCT/US2007/071506)
[87] (WO2008/002793)
[30] US (11/427,398) 2006-06-29
[30] US (11/682,256) 2007-03-05

[11] **2,656,860**
[13] C
[51] **Int.Cl. G01N 21/59 (2006.01)**
[25] EN
[54] **MULTIPLE PATH LENGTH TRANSMITTANCE MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DE TRANSMITTANCE PAR MULTIPLES LONGUEURS DE TRAJET**
[72] GLOVER, JAMES ANDREW, CA
[73] 002134761 ONTARIO LTD., CA
[85] 2009-01-06
[86] 2007-07-06 (PCT/CA2007/001281)
[87] (WO2008/003182)
[30] US (60/818,968) 2006-07-07

[11] **2,658,082**
[13] C
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/10 (2006.01)**
[25] EN
[54] **PHYSIOLOGICALLY ACTIVE POLYPEPTIDE- OR PROTEIN-ENCAPSULATING POLYMER MICELLES, AND METHOD FOR PRODUCTION OF THE SAME**
[54] **POLYPEPTIDE PHYSIOLOGIQUEMENT ACTIF, MICELLE DE POLYMERE AYANT UNE PROTEINE ENFERMEE DANS CELLE-CI, ET PROCEDE DOBTENTION DE LA MICELLE DE POLYMERE**
[72] OHUCHI, MIHO, JP
[72] HARADA, MITSUNORI, JP
[72] AMANO, YUKO, JP
[72] KATO, YASUKI, JP
[73] NANOCARRIER CO., LTD., JP
[85] 2009-01-16
[86] 2007-04-25 (PCT/JP2007/059404)
[87] (WO2008/010341)
[30] JP (2006-195410) 2006-07-18

---

[11] **2,658,530**
[13] C
[51] **Int.Cl. G05B 19/418 (2006.01) F25J 3/02 (2006.01) G05B 13/04 (2006.01) G05B 19/04 (2006.01) G05B 19/05 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COORDINATION AND OPTIMIZATION OF LIQUEFIELD NATURAL GAS (LNG) PROCESSES**
[54] **SYSTEMES ET METHODE ASSURANT LA COORDINATION ET L'OPTIMISATION DES PROCESSUS APPLICABLES AUX GAZ NATURELS LIQUEFIES**
[72] COWARD, BRIAN A., GB
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2008-09-29
[86] 2007-04-13 (PCT/US2007/009111)
[87] (WO2007/117717)
[30] US (11/394,796) 2006-03-31

---

[11] **2,658,570**
[13] C
[51] **Int.Cl. E21C 37/18 (2006.01)**
[25] EN
[54] **PORTABLE AND DIRECTIONAL ELECTROCRUSHING DRILL**
[54] **FORET D'ELECTROCONCASSAGE PORTABLE ET DIRECTIONNEL**
[72] MOENY, WILLIAM, US
[73] SDG, LLC, US
[85] 2009-01-21
[86] 2007-06-29 (PCT/US2007/072565)
[87] (WO2008/003092)
[30] US (11/479,346) 2006-06-29

---

[11] **2,658,876**
[13] C
[51] **Int.Cl. A61F 2/44 (2006.01)**
[25] EN
[54] **INTERVERTEBRAL IMPLANT WITH KEEL**
[54] **IMPLANT INTERVERTEBRAL AVEC QUILLE**
[72] BERTAGNOLI, RUDOLF, DE
[72] HANSON, SHAUN, US
[72] RICTHER, JOERN, DE
[72] FURDA, JOHN, US
[72] HALLER, FABIAN, CH
[72] GERBER, DAVID, US
[72] BERGER, ROGER, CH
[72] KAUFMANN, STEFANIE, CH
[73] SPINE SOLUTIONS, INC., US
[85] 2009-01-23
[86] 2007-07-24 (PCT/US2007/074218)
[87] (WO2008/014258)
[30] US (60/832,595) 2006-07-24

---

[11] **2,659,318**
[13] C
[51] **Int.Cl. A21D 8/04 (2006.01) A21D 2/32 (2006.01) A21D 13/08 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING A CAKE USING PHOSPHOLIPASE**
[54] **PROCEDE DE PREPARATION D'UN GATEAU A L'AIDE D'UNE PHOSPHOLIPASE**
[72] VAN HAESENDONCK, INGRID, BE
[72] KORNBRUST, BEATE ANDREA, CH
[73] PURATOS N.V., BE
[85] 2009-01-28
[86] 2007-08-14 (PCT/EP2007/058418)
[87] (WO2008/025674)
[30] EP (06119649.9) 2006-08-28

---

[11] **2,659,344**
[13] C
[51] **Int.Cl. A61K 31/717 (2006.01) A61K 31/045 (2006.01) A61K 31/23 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **TREATMENT AND PREVENTION OF EXCESSIVE SCARRING**
[54] **TRAITEMENT ET PREVENTION DE LA CICATRISATION PATHOLOGIQUE**
[72] MASINI-ETEVE, VALERIE, FR
[72] LENESTOUR, ELISABETH, FR
[72] BUA, JAY, US
[73] BESINS HEALTHCARE LUXEMBOURG SARL, LU
[85] 2009-01-28
[86] 2007-07-30 (PCT/EP2007/057838)
[87] (WO2008/015190)
[30] EP (06291239.9) 2006-07-31
[30] US (60/834,163) 2006-07-31

---

[11] **2,659,358**
[13] C
[51] **Int.Cl. A47J 31/40 (2006.01)**
[25] EN
[54] **MIXING DEVICE COMPRISING A PIPE BEND**
[54] **DISPOSITIF DE MELANGE COMPRENANT UNE BOUCLE DE DILATATION**
[72] KOOPMAN, CARLOS NICOLAAS JOZEF MARIA, NL
[72] VERHOEVEN, RAMON EDUARD, NL
[73] BRAVILOR HOLDING B.V., NL
[85] 2009-01-28
[86] 2007-07-26 (PCT/NL2007/050371)
[87] (WO2008/013451)
[30] NL (2000164) 2006-07-28

[11] **2,660,431**
[13] C
[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/453 (2006.01) A61K 31/454 (2006.01) A61K 31/5365 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHOD OF INHIBITION OF RESPIRATORY DEPRESSION USING POSITIVE ALLOSTERIC AMPA RECEPTOR MODULATORS**
[54] **PROCEDE D'INHIBITION DE LA DEPRESSION RESPIRATOIRE DANS LEQUEL SONT UTILISES DES MODULATEURS ALLOSTERIQUES POSITIFS DES RECEPTEURS AMPA**
[72] GREER, JOHN JAMES, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2009-02-10
[86] 2007-08-30 (PCT/CA2007/001517)
[87] (WO2008/025148)
[30] US (60/824,245) 2006-08-31

[11] **2,660,791**
[13] C
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 1/52 (2006.01) C02F 1/62 (2006.01) C02F 3/34 (2006.01) C02F 9/02 (2006.01) C02F 9/04 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING SULFATE AND HEAVY METALS FROM WASTE WATER**
[54] **PROCEDE DESTINE A ELIMINER DES SULFATES ET DES METAUX LOURDS DANS LES EAUX USEES**
[72] RIEBENSAHM, MICHAEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2009-02-13
[86] 2007-08-10 (PCT/EP2007/058294)
[87] (WO2008/019993)
[30] DE (10 2006 038 207.2) 2006-08-16

[11] **2,660,989**
[13] C
[51] **Int.Cl. E05B 15/10 (2006.01) E05B 41/00 (2006.01) E05B 63/20 (2006.01) E05B 65/08 (2006.01) E05C 1/12 (2006.01)**
[25] EN
[54] **DIRECT ACTION WINDOW LOCK**
[54] **VERROUILLAGE DE FENETRE A ACTION DIRECTE**
[72] TREMBLE, JOHN, US
[72] LIEBEL, GORDON, US
[72] VILHAUER, KEVIN, US
[72] BLASE, DAN, US
[72] RAWLS, R. LEE, US
[72] DUNCAN, JAMES A., US
[73] MILGARD MANUFACTURING INCORPORATED, US
[85] 2009-02-17
[86] 2007-09-05 (PCT/US2007/077598)
[87] (WO2008/033702)
[30] US (11/521,086) 2006-09-14

[11] **2,661,887**
[13] C
[51] **Int.Cl. G01N 23/12 (2006.01) G01N 9/24 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WELL SERVICES FLUID EVALUATION USING X-RAYS**
[54] **APPAREIL ET PROCEDE POUR L'EVALUATION PAR RAYON X D'UN FLUIDE DE TRAITEMENT DE PUITS**
[72] SHAMPINE, ROD, US
[72] GROVES, JOEL L., US
[72] DURKOWSKI, ANTHONY, US
[72] VALLEE, ETIENNE, US
[72] WRAIGHT, PETER, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2009-02-26
[86] 2007-09-10 (PCT/IB2007/053649)
[87] (WO2008/032265)
[30] US (11/532,236) 2006-09-15

[11] **2,662,243**
[13] C
[51] **Int.Cl. F16K 15/18 (2006.01) F16K 15/02 (2006.01) F16K 15/20 (2006.01)**
[25] EN
[54] **CHECK VALVE WITH LOCKING KEY AND PULL CORD**
[54] **SOUPAPE DE CONTROLE AVEC CLE DE VERROUILLAGE ET CORDON DE TIRAGE**
[72] MACKAL, GLENN H., US
[73] HALKEY-ROBERTS CORPORATION, US
[85] 2009-02-27
[86] 2007-08-29 (PCT/US2007/077059)
[87] (WO2008/027939)
[30] US (11/514,404) 2006-08-29

[11] **2,663,580**
[13] C
[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/07 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01) C07K 5/103 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01) C07K 16/18 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **BIOACTIVE PEPTIDES AND METHOD OF USING SAME**
[54] **PEPTIDES BIOACTIFS ET LEUR PROCEDE D'UTILISATION**
[72] COHEN, YOSSI, IL
[72] SHEMESH, RONEN, IL
[72] TOPORIK, AMIR, IL
[72] LEVINE, ZURIT, IL
[72] WOOL, ASSAF, IL
[72] DAHARY, DVIR, IL
[72] HECHT, IRIS, IL
[72] BEIMAN, MERAV, IL
[72] ROTMAN, GALIT, IL
[72] AYALON-SOFFER, MICHAL, IL
[73] COMPUGEN LTD, IL
[85] 2009-03-16
[86] 2007-09-18 (PCT/IB2007/004634)
[87] (WO2009/019531)
[30] US (60/845,606) 2006-09-18
[30] US (60/846,421) 2006-09-21
[30] US (60/851,591) 2006-10-12

[11] **2,664,123**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] FR
[54] **METHOD FOR SAMPLING BIOLOGICAL TISSUE FOR THE IDENTIFICATION OF ANIMALS**
[54] **DISPOSITIF DE PRELEVEMENT DE TISSU BIOLOGIQUE POUR L'IDENTIFICATION DES ANIMAUX**
[72] HILPERT, JEAN-JACQUES, FR
[73] ALLFLEX EUROPE SAS, FR
[85] 2009-03-20
[86] 2007-10-01 (PCT/EP2007/060353)
[87] (WO2008/040692)
[30] FR (0608800) 2006-10-06

---

[11] **2,664,206**
[13] C
[51] **Int.Cl. A61K 31/20 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **MEAL REPLACEMENT COMPOSITIONS COMPRISING DHA AND WEIGHT CONTROL METHOD**
[54] **COMPOSITIONS DE SUBSTITUTION D'UN REPAS ET PROCEDE DE CONTROLE DE POIDS**
[72] MYERS, MICHAEL D., US
[72] SACK, DAVID, US
[73] MYERS, MICHAEL D., US
[73] SACK, DAVID, US
[85] 2009-03-20
[86] 2007-10-03 (PCT/US2007/080326)
[87] (WO2008/045739)
[30] US (60/827,979) 2006-10-03
[30] US (60/886,901) 2007-01-26

---

[11] **2,664,275**
[13] C
[51] **Int.Cl. C07D 237/32 (2006.01) A61K 31/502 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM PHTHALAZINONE DERIVATIVE FOR USE IN CANCER TREATMENT**
[54] **DERIVE DE PHTHALAZINONE SOUS FORME CRISTALLINE POUR LE TRAITEMENT DU CANCER**
[72] MENEAR, KEITH ALLAN, GB
[72] OTTRIDGE, ANTHONY PETER, GB
[72] LONDESBROUGH, DEREK JOHN, GB
[72] HALLETT, MICHAEL RAYMOND, GB
[72] MULLHOLLAND, KEITH RAYMOND, GB
[72] PITTAM, JOHN DAVID, GB
[72] LAFFAN, DAVID DERMOT PATRICK, GB
[72] ASHWORTH, IAN WOODWARD, GB
[72] JONES, MARTIN FRANCIS, GB
[72] CHERRYMAN, JANETTE HELEN, GB
[73] KUDOS PHARMACEUTICALS LIMITED, GB
[85] 2009-03-24
[86] 2007-10-15 (PCT/GB2007/003888)
[87] (WO2008/047082)
[30] US (60/829,694) 2006-10-17

---

[11] **2,664,466**
[13] C
[51] **Int.Cl. G10L 19/02 (2013.01) H04L 12/951 (2013.01)**
[25] EN
[54] **ENCODING AN INFORMATION SIGNAL**
[54] **CODAGE D'UN SIGNAL D'INFORMATION**
[72] SCHNELL, MARKUS, DE
[72] SCHULDT, MICHAEL, DE
[72] LUTZKY, MANFRED, DE
[72] JANDER, MANUEL, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2009-03-24
[86] 2007-10-01 (PCT/EP2007/008527)
[87] (WO2008/046505)
[30] DE (10 2006 049 154.8) 2006-10-18

---

[11] **2,664,688**
[13] C
[51] **Int.Cl. C07D 211/46 (2006.01) A61K 31/35 (2006.01) A61K 31/38 (2006.01) A61K 31/435 (2006.01) A61P 13/00 (2006.01) C07D 309/10 (2006.01) C07D 335/02 (2006.01) C07D 407/12 (2006.01)**
[25] EN
[54] **PHLORIZIN ANALOGS AS INHIBITORS OF SODIUM GLUCOSE CO-TRANSPORTER 2**
[54] **ANALOGUES DU PHLORIZIN EN TANT QU'INHIBITEURS DU COTRANSPORTEUR 2 DU GLUCOSE COUPLE AU SODIUM**
[72] HARRISON, BRYCE ALDEN, US
[72] KIMBALL, SPENCER DAVID, US
[72] MABON, ROSS, US
[72] RAWLINS, DAVID BRENT, US
[72] GOODWIN, NICOLE CATHLEEN, US
[73] LEXICON PHARMACEUTICALS, INC., US
[85] 2009-03-27
[86] 2007-09-27 (PCT/US2007/079654)
[87] (WO2008/042688)
[30] US (60/848,156) 2006-09-29
[30] US (60/905,714) 2007-03-08
[30] US (60/948,780) 2007-07-10

---

[11] **2,665,281**
[13] C
[51] **Int.Cl. B65D 6/18 (2006.01)**
[25] EN
[54] **FOLDING CONTAINER**
[54] **CONTENANT PLIABLE**
[72] SAMPRATHI, VENU, US
[73] ORBIS CORPORATION, US
[86] (2665281)
[87] (2665281)
[22] 2009-05-01
[30] US (12/114,192) 2008-05-02

[11] **2,668,581**
[13] C
[51] **Int.Cl. A63F 13/70 (2014.01) G06F 21/10 (2013.01) G07F 17/32 (2006.01)**
[25] EN
[54] **SUBSCRIPTION BASED SERVICES FOR CLOSED COMPUTING SYSTEMS**
[54] **SERVICES A BASE D'ABONNEMENT POUR DES SYSTEMES INFORMATIQUES EN CIRCUIT FERME**
[72] YATES JR., RONNIE DONNELL, US
[72] HO, ALBERT SING, US
[72] MULTERER, BOYD CANNON, US
[72] MITCHELL, DAVID BRIAN, US
[73] MICROSOFT CORPORATION, US
[85] 2009-05-04
[86] 2007-11-19 (PCT/US2007/085067)
[87] (WO2008/073677)
[30] US (11/636,166) 2006-12-08

[11] **2,669,059**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **OPTIMIZING FEED MIXER PERFORMANCE IN A PARAFFINIC FROTH TREATMENT PROCESS**
[54] **OPTIMISATION DE LA PERFORMANCE DU MELANGEUR D'ALIMENTATION POUR PROCEDE DE TRAITEMENT DE L'ECUME PARAFFINIQUE**
[72] SHARMA, ARUN K., US
[72] RATERMAN, MICHAEL F., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2669059)
[87] (2669059)
[22] 2009-06-16
[30] US (61/133,309) 2008-06-27

[11] **2,669,425**
[13] C
[51] **Int.Cl. F16L 37/00 (2006.01) F16L 37/40 (2006.01)**
[25] EN
[54] **MAGNETIC FLUID COUPLING ASSEMBLIES AND METHODS**
[54] **ENSEMBLES ET PROCEDES DE COUPLAGE DE FLUIDE MAGNETIQUE**
[72] SCHROOTEN, JEREMY, CA
[72] ZIMMERMANN, JOERG, CA
[73] SOCIETE BIC, FR
[85] 2009-05-07
[86] 2007-11-07 (PCT/CA2007/001995)
[87] (WO2008/055346)
[30] US (60/864,749) 2006-11-07
[30] US (60/882,045) 2006-12-27

[11] **2,669,902**
[13] C
[51] **Int.Cl. G02B 21/08 (2006.01)**
[25] EN
[54] **ILLUMINATION SOURCE COMPRISING LIGHT EMITTING DIODES FOR STAINED BIOLOGICAL SAMPLES**
[54] **SOURCE D'ECLAIRAGE COMPORTANT DES DIODES ELECTROLUMINESCENTES POUR DES ECHANTILLONS BIOLOGIQUES TEINTES**
[72] ZAHNISER, MICHAEL, US
[72] ZAHNISER, DAVID J., US
[72] PARSONS, DANIEL, US
[73] CYTYC CORPORATION, US
[85] 2009-05-15
[86] 2007-11-30 (PCT/US2007/086162)
[87] (WO2008/073728)
[30] US (11/611,123) 2006-12-14

[11] **2,669,986**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **ONTOLOGICAL DATABASE DESIGN**
[54] **MODELE DE BASE DE DONNEES A BASE ONTOLOGIQUE**
[72] LAWRENCE, PETER JOHN, US
[73] MATRIKON INC., CA
[85] 2009-05-11
[86] 2007-11-20 (PCT/CA2007/002095)
[87] (WO2008/061358)
[30] US (60/866,557) 2006-11-20

[11] **2,670,383**
[13] C
[51] **Int.Cl. B65D 5/72 (2006.01)**
[25] EN
[54] **A PACKET SERVING TO CONTAIN LOOSE ITEMS, AND A BLANK FROM WHICH TO FASHION SUCH A PACKET**
[54] **BOITE SERVANT A CONTENIR DES ARTICLES EN VRAC ET PIECE DECOUPEE PERMETTANT DE CONFECTIONNER UNE TELLE BOITE**
[72] GHINI, MARCO, IT
[72] MARCANTE, GIUSEPPE, IT
[73] AZIONARIA COSTRUZIONI MACCHINE AUTOMATICHE A.C.M.A. S.P.A., IT
[85] 2009-05-22
[86] 2007-11-19 (PCT/IB2007/003625)
[87] (WO2008/062304)
[30] IT (BO2006A000790) 2006-11-22

[11] **2,670,479**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **OPTIMIZING HEAVY OIL RECOVERY PROCESSES USING ELECTROSTATIC DESALTERS**
[54] **OPTIMISATION DES PROCEDES DE RECUPERATION DE PETROLE LOURD AU MOYEN D'UNITES DE DESSALAGE ELECTROSTATIQUES**
[72] SHARMA, ARUN K., US
[72] RATERMAN, MICHAEL F., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2670479)
[87] (2670479)
[22] 2009-06-26
[30] US (61/133,270) 2008-06-27

[11] **2,670,863**
[13] C
[51] **Int.Cl. A61B 17/02 (2006.01) A61B 1/31 (2006.01) A61M 29/00 (2006.01)**
[25] EN
[54] **A SURGICAL DEVICE FOR TRANSANALLY ACCESSING THE RECTUM OF A PATIENT**
[54] **DISPOSITIF CHIRURGICAL POUR ACCES TRANSANAL DU RECTUM D'UN PATIENT**
[72] LONGO, ANTONIO, IT
[72] KUHNS, JESSE J., US
[72] D'ARCANGELO, MICHELE, IT
[72] BILOTTI, FEDERICO, IT
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2009-05-28
[86] 2007-10-18 (PCT/EP2007/061122)
[87] (WO2008/068106)
[30] EP (06024995.0) 2006-12-04

---

[11] **2,671,034**
[13] C
[51] **Int.Cl. H04L 29/12 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION**
[72] KAAL, MADIS, IE
[72] KUTT, ANDRES, IE
[72] ORUAAS, MART, IE
[72] SEEBA, ASKO, IE
[72] HINRIKUS, TAAVET, IE
[73] SKYPE, IE
[85] 2009-05-27
[86] 2007-11-27 (PCT/IB2007/004260)
[87] (WO2008/065534)
[30] GB (0623621.0) 2006-11-27
[30] GB (0723117.8) 2007-11-23

---

[11] **2,671,317**
[13] C
[51] **Int.Cl. A61K 31/731 (2006.01) A61K 31/737 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **ANTIVIRAL COMPOSITION AND METHOD OF USE**
[54] **COMPOSITION ANTIVIRALE ET PROCEDE D'UTILISATION**
[72] GRASSAUER, ANDREAS, AT
[72] PRIESCHL-GRASSAUER, EVA, AT
[72] MEIER, CHRISTIANE, AT
[72] PRETSCH, ALEXANDER, AT
[73] MARINOMED BIOTECHNOLOGIE GMBH, AT
[85] 2009-06-02
[86] 2007-12-04 (PCT/EP2007/010512)
[87] (WO2008/067982)
[30] EP (06450176.0) 2006-12-05
[30] US (11/567,078) 2006-12-05

---

[11] **2,671,541**
[13] C
[51] **Int.Cl. A23L 1/30 (2006.01) A23L 2/52 (2006.01) A23L 2/56 (2006.01) C12C 3/08 (2006.01) C12C 11/11 (2006.01)**
[25] EN
[54] **SPENT HOP PRODUCTS, THEIR CONTENT IN STILBENES AND THEIR USE AS ANTIOXIDANT FOR COMESTIBLE PRODUCTION**
[54] **PRODUITS A BASE DE HOUBLON EPUISE, LEUR TENEUR EN STILBENES ET LEUR UTILISATION COMME ANTI-OXYDANTS POUR LA PRODUCTION DE PRODUITS COMESTIBLES**
[72] COLLIN, SONIA, BE
[72] JERKOVIC, VESNA, BE
[73] INBEV S.A., BE
[85] 2009-06-03
[86] 2007-12-07 (PCT/EP2007/063558)
[87] (WO2008/068344)
[30] EP (06125587.3) 2006-12-07

---

[11] **2,672,521**
[13] C
[51] **Int.Cl. C07D 231/40 (2006.01) A61K 31/415 (2006.01) A61P 35/00 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 405/06 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **PYRAZOLE DERIVATIVES AS PROTEIN KINASE INHIBITORS**
[54] **DERIVES DE PYRAZOLE EN TANT QU'INHIBITEURS DE PROTEINE KINASE**
[72] FOOTE, KEVIN MICHAEL, GB
[72] THEOCLITOU, MARIA-ELENA, GB
[72] THOMAS, ANDREW PETER, GB
[72] BUTTAR, DAVID, GB
[73] ASTRAZENECA AB, SE
[85] 2009-06-12
[86] 2007-12-20 (PCT/GB2007/004917)
[87] (WO2008/075068)
[30] US (60/871,190) 2006-12-21
[30] US (60/985,542) 2007-11-05

---

[11] **2,673,443**
[13] C
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 30/00 (2006.01) B64D 27/00 (2006.01)**
[25] EN
[54] **AIRCRAFT FUSELAGE**
[54] **FUSELAGE D'AERONEF**
[72] SAINT-JALMES, BRUNO, FR
[72] ZANEBONI, JASON, FR
[72] BELLEVILLE, MATHIEU, FR
[73] AIRBUS, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2009-06-19
[86] 2007-12-21 (PCT/FR2007/002148)
[87] (WO2008/096073)
[30] FR (0611364) 2006-12-26

[11] **2,673,445**
[13] C
[51] **Int.Cl. B29C 65/00 (2006.01) B29B 13/02 (2006.01) B29C 31/00 (2006.01) B29C 31/08 (2006.01) B29C 70/54 (2006.01)**
[25] FR
[54] **METHOD FOR A COMPLEX PART OF A COMPOSITE MATERIAL WITH LONG FIBERS AND HEAT-CURABLE MATRIX**
[54] **PROCEDE DE FABRICATION D'UNE PIECE COMPLEXE EN MATERIAU COMPOSITE A FIBRES LONGUES ET A MATRICE THERMODURCISSABLE**
[72] LEFEBURE, PATRICE, FR
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR
[85] 2009-06-11
[86] 2007-12-10 (PCT/EP2007/063611)
[87] (WO2008/071657)
[30] FR (06 55461) 2006-12-13

[11] **2,674,102**
[13] C
[51] **Int.Cl. G06F 21/33 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EXTENDING SESSIONS**
[54] **SYSTEME ET PROCEDE POUR PROLONGER DES SESSIONS**
[72] PIERLOT, LOIC, FR
[72] MOLLARD, STEPHANE, FR
[72] ALBEROLA, BERTRAND, FR
[73] AMADEUS S.A.S., FR
[85] 2009-06-29
[86] 2007-12-27 (PCT/IB2007/004207)
[87] (WO2008/081322)
[30] US (11/647,271) 2006-12-29

[11] **2,674,336**
[13] C
[51] **Int.Cl. E03D 13/00 (2006.01) E03D 9/04 (2006.01)**
[25] EN
[54] **ANTI-SPLASHBACK URINAL**
[54] **URINOIR ANTI-ECLABOUSSURES**
[72] BROWN, CHAD, US
[73] BROWN, CHAD, US
[85] 2009-07-02
[86] 2006-12-29 (PCT/US2006/062758)
[87] (WO2007/100414)
[30] US (60/756,117) 2006-01-03
[30] US (60/793,689) 2006-04-19

[11] **2,674,342**
[13] C
[51] **Int.Cl. B23K 26/03 (2006.01) G01J 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR QUALITY CONTROL OF A WELD BEAD**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE LA QUALITE D'UN CORDON DE SOUDURE**
[72] PINON, HENRI, FR
[72] VALLET, SEBASTIEN, FR
[72] SMUROV, IGOR, FR
[72] BERTRAND, PHILIPPE, FR
[72] IGNATIEU, MIKHAIL, FR
[73] RENAULT S.A.S., FR
[85] 2009-07-02
[86] 2007-12-14 (PCT/EP2007/064006)
[87] (WO2008/080805)
[30] FR (0655790) 2006-12-21

[11] **2,674,399**
[13] C
[51] **Int.Cl. C10B 57/00 (2006.01) B07B 4/08 (2006.01) C25C 3/12 (2006.01)**
[25] EN
[54] **DENSITY-BASED COKE SEPARATION PROCESS IN PASTE PLANT**
[54] **PROCEDE DE SEPARATION DE COKES SUR LA BASE DE LA DENSITE**
[72] LAURIN, PIERRE, CA
[72] BOUCHARD, NATHALIE, CA
[72] CHEN, WEIXIA, CA
[72] GAUDREAULT, CYRIL, CA
[72] MENARD, YVON, CA
[73] ALCAN INTERNATIONAL LIMITED, CA
[85] 2009-07-03
[86] 2008-01-08 (PCT/CA2008/000024)
[87] (WO2008/083472)
[30] US (60/883,939) 2007-01-08

[11] **2,674,541**
[13] C
[51] **Int.Cl. B23K 26/38 (2014.01) B23K 26/402 (2014.01) B23K 26/03 (2006.01) B23K 26/14 (2014.01)**
[25] EN
[54] **A PROCESS FOR LASER CUTTING A NON-METALLIC MATERIAL**
[54] **PROCEDE DE DECOUPAGE AU LASER D'UN MATERIAU NON METALLIQUE**
[72] HOULT, ANTHONY PAUL, US
[72] GABZDYL, JACEK TADEUSZ, GB
[72] VARNHAM, MALCOLM PAUL, GB
[73] SPI LASERS UK LIMITED, GB
[85] 2009-07-03
[86] 2008-01-07 (PCT/GB2008/000039)
[87] (WO2008/084206)
[30] GB (0700271.0) 2007-01-08
[30] GB (0704216.1) 2007-03-05
[30] GB (0723029.5) 2007-11-23

[11] **2,674,637**
[13] C
[51] **Int.Cl. F16D 65/12 (2006.01)**
[25] EN
[54] **BRAKE DISC HAVING CORRUGATED OUTER PERIPHERY**
[54] **DISQUE DE FREIN A ONDULATIONS PERIPHERIQUES**
[72] HOSHI, YOSHIO, JP
[72] NAKATSUJI, TSUYOSHI, JP
[72] FUJII, TOORU, JP
[72] OOKUBO, KAZUYA, JP
[72] OBUNAI, KIYOTAKA, JP
[73] SUNSTAR ENGINEERING INC., JP
[85] 2009-07-06
[86] 2008-01-18 (PCT/JP2008/050571)
[87] (WO2008/090809)
[30] JP (2007-011189) 2007-01-22

[11] **2,674,863**
[13] C
[51] **Int.Cl. B29C 63/42 (2006.01) B65B 9/14 (2006.01) B65C 3/06 (2006.01)**
[25] EN
[54] **DEVICE FOR FORMING SLEEVE-LIKE FOIL ENVELOPES FROM A CONTINUOUS FLAT STRIP OF FOIL MATERIAL**
[54] **DISPOSITIF PERMETTANT DE FORMER DES ENVELOPPES EN FEUILLE D'ALUMINIUM SIMILAIRES A DES CHEMISES A PARTIR D'UNE BANDE DROITE CONTINUE DE FEUILLE D'ALUMINIUM**
[72] HOEBEN, WILHELMUS JOHANNES FRANCISCUS, NL
[73] FUJI SEAL INTERNATIONAL INC., JP
[85] 2009-07-03
[86] 2008-01-10 (PCT/NL2008/000010)
[87] (WO2008/088210)
[30] NL (1033245) 2007-01-17

---

[11] **2,674,948**
[13] C
[51] **Int.Cl. B67B 3/064 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DISPENSING CAPS**
[54] **PROCEDE ET DISPOSITIF POUR DISTRIBUER DES CAPUCHONS**
[72] YOUNG, DEMETRIS P., US
[72] MORAN, JOSEPH C., JR., US
[72] ABRAMS, GEORGE RAYMOND, JR., US
[72] WILLIAMS, JEFFREY P., US
[73] PARATA SYSTEMS, LLC, US
[85] 2009-07-08
[86] 2008-01-03 (PCT/US2008/000031)
[87] (WO2008/091480)
[30] US (60/885,948) 2007-01-22
[30] US (11/693,929) 2007-03-30
[30] US (11/738,664) 2007-04-23

---

[11] **2,674,956**
[13] C
[51] **Int.Cl. E04D 3/35 (2006.01)**
[25] EN
[54] **SLOPING ROOF SYSTEM AND INSULATING BOARD FOR SLOPING ROOF SYSTEMS**
[54] **SYSTEME DE TOIT EN PENTE ET PLAQUE ISOLANTE POUR SYSTEMES DE TOIT EN PENTE**
[72] KLOSE, GERD-RUEDIGER, DE
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2009-07-08
[86] 2008-01-11 (PCT/EP2008/000165)
[87] (WO2008/083970)
[30] DE (10 2007 002 588.4) 2007-01-12
[30] DE (10 2007 002 626.0) 2007-01-12

---

[11] **2,675,674**
[13] C
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **HOTPLATE, AND ALSO ASSEMBLY COMPRISING SUCH A HOTPLATE**
[54] **PLAQUE CHAUFFANTE ET ENSEMBLE COMPRENANT LADITE PLAQUE CHAUFFANTE**
[72] OTTEN, ARNO ROLF, NL
[72] KLIJN, NICOLAAS PETRUS, NL
[72] VAN AARST, NOEL PIERRE, NL
[72] ANSING, JAN, NL
[73] BRAVILOR HOLDING B.V., NL
[85] 2009-07-16
[86] 2008-01-18 (PCT/NL2008/050032)
[87] (WO2008/088218)
[30] NL (2000441) 2007-01-18

---

[11] **2,675,765**
[13] C
[51] **Int.Cl. B32B 5/02 (2006.01) F16L 55/165 (2006.01)**
[25] EN
[54] **CURED IN PLACE PIPE LINER**
[54] **REVETEMENT INTERIEUR DURCI SUR PLACE POUR CONDUITS**
[72] WIESSNER, ROBERT J., NL
[72] MELTZER, DONALD A., US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2009-07-16
[86] 2008-01-15 (PCT/US2008/051050)
[87] (WO2008/089167)
[30] US (60/885,524) 2007-01-18

---

[11] **2,675,838**
[13] C
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 56/00 (2009.01)**
[25] EN
[54] **CELL SEARCHING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RECHERCHE DE CELLULE**
[72] LINDOFF, BENGT, SE
[72] DAHLMAN, ERIK, SE
[72] BALDEMAIR, ROBERT, SE
[72] PARKVALL, STEFAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2009-07-17
[86] 2008-01-30 (PCT/EP2008/051087)
[87] (WO2008/092880)
[30] US (60/887,456) 2007-01-31
[30] US (11/852,606) 2007-09-10

---

[11] **2,676,217**
[13] C
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 9/00 (2006.01) A61K 31/135 (2006.01)**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM FOR ADMINISTERING WATER-SOLUBLE ACTIVE INGREDIENTS**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE POUR L'ADMINISTRATION D'AGENTS ACTIFS SOLUBLES DANS L'EAU**
[72] ASMUSSEN, BODO, DE
[72] HORSTMANN, MICHAEL, DE
[72] SCHMITZ, CHRISTOPH, DE
[72] SAMETI, MOHAMMAD, DE
[72] PRZYBYLLA, YVES-THORSTEN, DE
[72] PRACHT, ROLF, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2009-07-22
[86] 2008-01-19 (PCT/EP2008/000392)
[87] (WO2008/095597)
[30] DE (10 2007 006 244.5) 2007-02-08

[11] **2,676,356**
[13] C
[51] **Int.Cl. C13B 20/02 (2011.01) C13B 20/06 (2011.01)**
[25] EN
[54] **RAW JUICE ALKALINIZATION**
[54] **ALCALISATION DE JUS BRUT**
[72] FRENZEL, STEFAN, DE
[72] AJDARI RAD, MOHSEN, DE
[72] SHAHIDIZENOUZ, AZAR, DE
[73] SUEDZUCKER AKTIENGESELLSCHAFT MANNHEIM/OCHSENFURT, DE
[85] 2009-07-23
[86] 2008-01-22 (PCT/EP2008/000435)
[87] (WO2008/089946)
[30] DE (10 2007 003 463.8) 2007-01-24

---

[11] **2,676,744**
[13] C
[51] **Int.Cl. A61M 5/50 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **SYRINGE ASSEMBLY HAVING DISABLING MECHANISM**
[54] **ENSEMBLE DE SERINGUE AYANT UN MECANISME DE NEUTRALISATION**
[72] ODELL, ROBERT B., US
[72] BARERE, AARON, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2009-07-28
[86] 2008-01-31 (PCT/US2008/001386)
[87] (WO2008/097480)
[30] US (11/671,099) 2007-02-05

---

[11] **2,676,984**
[13] C
[51] **Int.Cl. C07D 239/91 (2006.01) A61K 31/4375 (2006.01) A61K 31/472 (2006.01) A61K 31/496 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01) C07D 217/24 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/10 (2006.01) C07D 405/04 (2006.01) C07D 413/06 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR THE PREVENTION AND TREATMENT OF CARDIOVASCULAR DISEASES**
[54] **COMPOSES DESTINES A LA PREVENTION ET AU TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
[72] HANSEN, HENRIK, CA
[73] RESVERLOGIX CORP., CA
[85] 2009-07-30
[86] 2007-02-01 (PCT/CA2007/000146)
[87] (WO2008/092231)

---

[11] **2,677,159**
[13] C
[51] **Int.Cl. H04N 21/472 (2011.01) H04N 21/4782 (2011.01)**
[25] EN
[54] **AUTHORABLE CONTENT RATING SYSTEM**
[54] **SYSTEME D'EVALUATION DE CONTENU POUVANT ETRE DEFINI**
[72] FEDER, ADAM, US
[72] BEACH, BRIAN, US
[72] VAN STAM, WIJNAND, US
[73] TIVO INC., US
[85] 2009-09-24
[86] 2008-01-03 (PCT/US2008/050144)
[87] (WO2008/086117)
[30] US (11/649,427) 2007-01-03

---

[11] **2,678,106**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 28/24 (2009.01)**
[25] EN
[54] **QUALITY OF SERVICE APPLICATION PROGRAMMING INTERFACE OVER SOCKET**
[54] **INTERFACE DE PROGRAMMATION D'APPLICATION DE QUALITE DE SERVICE SUR LA BASE D'UNE INTERFACE DE CONNEXION**
[72] KAVANAUGH, RICHARD THOMAS, US
[72] VOS, GUSTAV GERALD, CA
[73] NETGEAR, INC., US
[85] 2009-08-13
[86] 2008-01-17 (PCT/US2008/000604)
[87] (WO2008/088840)
[30] US (60/881,104) 2007-01-17
[30] US (12/009,231) 2008-01-16

---

[11] **2,681,244**
[13] C
[51] **Int.Cl. C08G 63/183 (2006.01) B29B 17/00 (2006.01) C08J 3/20 (2006.01) C08J 11/06 (2006.01) C08L 67/02 (2006.01) D01F 6/62 (2006.01)**
[25] EN
[54] **RECYCLED POLYETHYLENE TEREPHTHALATE COMPOSITIONS, FIBERS AND ARTICLES PRODUCED THEREFROM, AND METHODS FOR PRODUCING SAME**
[54] **COMPOSITIONS DE POLY(ETHYLENE TEREPHTALATE) RECYCLE, FIBRES ET ARTICLES PRODUITS PAR CES DERNIERES ET METHODES DE PRODUCTION CONNEXES**
[72] BOOTH, HUBERT J., US
[72] BRADLEY, CHRISTOPHER ERIC, US
[72] JOHNSON, DANIEL RAY, US
[72] KEEN, JAMES HENRY, JR., US
[73] SHAW INDUSTRIES GROUP, INC., US
[86] (2681244)
[87] (2681244)
[22] 2009-09-30
[30] US (61/101,663) 2008-09-30

[11] **2,681,288**
[13] C
[51] **Int.Cl. C08G 63/183 (2006.01) B29B 17/00 (2006.01) C08J 11/06 (2006.01) C08L 67/02 (2006.01) D01F 6/62 (2006.01)**
[25] EN
[54] **RECYCLED POLYETHYLENE TEREPHTHALATE COMPOSITIONS, FIBERS AND ARTICLES PRODUCED THEREFROM, AND METHODS FOR PRODUCING SAME**
[54] **COMPOSITIONS DE POLY(ETHYLENE TEREPHTALATE) RECYCLE, FIBRES ET ARTICLES PRODUITS PAR CES DERNIERES ET METHODES DE PRODUCTION CONNEXES**
[72] BOOTH, HUBERT J., US
[72] BRADLEY, CHRISTOPHER ERIC, US
[72] JOHNSON, DANIEL RAY, US
[72] KEEN, JAMES HENRY, JR., US
[73] SHAW INDUSTRIES GROUP, INC., US
[86] (2681288)
[87] (2681288)
[22] 2009-09-30
[30] US (61/101,664) 2008-09-30

---

[11] **2,681,433**
[13] C
[51] **Int.Cl. C09D 195/00 (2006.01) C09D 7/12 (2006.01) C09D 153/02 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **USE OF THERMOPLASTIC POLYURETHANES IN RUBBER MODIFIED BITUMEN ROOFING MEMBRANES**
[54] **UTILISATION DE POLYURETHANES THERMOPLASTIQUES DANS DES MEMBRANES POUR TOITURE EN BITUME MODIFIE AVEC DU CAOUTCHOUC**
[72] SMITH, JASON, US
[73] GARLAND INDUSTRIES, INC., US
[86] (2681433)
[87] (2681433)
[22] 2009-10-01
[30] US (61/180,568) 2009-05-22

---

[11] **2,681,853**
[13] C
[51] **Int.Cl. F02C 6/18 (2006.01) B02C 21/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING PULVERIZED COAL USED TO PRODUCE SYNTHESIS GAS**
[54] **PROCEDE ET APPAREIL POUR PREPARER DU CHARBON PULVERISE UTILISE POUR PRODUIRE DU GAZ DE SYNTHESE**
[72] MARTIN, WILLIAM N., US
[72] SOMMER, TODD M., US
[73] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US
[85] 2009-09-24
[86] 2008-04-02 (PCT/US2008/059147)
[87] (WO2008/124443)
[30] US (60/910,547) 2007-04-06
[30] US (12/060,459) 2008-04-01

---

[11] **2,682,383**
[13] C
[51] **Int.Cl. B01D 59/42 (2006.01) A61K 51/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING 186RHENIUM**
[54] **PROCEDE ET APPAREIL POUR ISOLER LE 186RHENIUM**
[72] LAPI, SUZANNE, CA
[72] RUTH, THOMAS J., CA
[72] BECKER, DIRK WOLFRAM, CA
[73] ADVANCED APPLIED PHYSICS SOLUTIONS, INC., CA
[85] 2009-09-29
[86] 2008-03-31 (PCT/IB2008/000761)
[87] (WO2008/120084)
[30] US (60/909,431) 2007-03-31

---

[11] **2,682,393**
[13] C
[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/402 (2006.01) A61K 31/404 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/5377 (2006.01) A61K 45/00 (2006.01) A61P 13/02 (2006.01) A61P 19/06 (2006.01) A61P 43/00 (2006.01) C07D 231/14 (2006.01) C07D 231/16 (2006.01) C07D 231/20 (2006.01) C07D 231/38 (2006.01) C07D 231/40 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 405/06 (2006.01) C07D 409/04 (2006.01) C07D 409/12 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **5-MEMBERED HETEROCYCLIC DERIVATIVE AND USE THEREOF FOR MEDICAL PURPOSES**
[54] **DERIVE HETEROCYCLIQUE A 5 ELEMENTS ET SES USAGES MEDICAUX**
[72] SHIMIZU, KAZUO, JP
[72] TAKIGAWA, YASUSHI, JP
[72] FUJIKURA, HIDEKI, JP
[72] IIZUKA, MASATO, JP
[72] HIRATOCHI, MASAHIRO, JP
[72] KIKUCHI, NORIHIKO, JP
[73] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2009-09-29
[86] 2008-04-10 (PCT/JP2008/057093)
[87] (WO2008/126899)
[30] JP (2007-104094) 2007-04-11

---

[11] **2,682,801**
[13] C
[51] **Int.Cl. B62B 7/04 (2006.01) B62B 9/20 (2006.01)**
[25] EN
[54] **STROLLER**
[54] **POUSSETTE**
[72] FUNAKURA, KENJI, JP
[73] COMBI CORPORATION, JP
[85] 2009-10-02
[86] 2008-04-02 (PCT/JP2008/056549)
[87] (WO2008/126734)
[30] JP (2007-101717) 2007-04-09

[11] **2,683,599**
[13] C
[51] **Int.Cl. A47K 10/16 (2006.01)**
[25] EN
[54] **ROLL OF SHEETS OF ABSORBENT PRODUCT OF THE BATHROOM TISSUE TYPE**
[54] **ROULEAU DE FEUILLES DE PRODUIT ABSORBANT DE TYPE PAPIER TOILETTE**
[72] BARREDO, DONALD, FR
[73] GEORGIA-PACIFIC FRANCE, FR
[85] 2009-10-08
[86] 2008-04-03 (PCT/FR2008/000459)
[87] (WO2008/142264)
[30] FR (0702685) 2007-04-13

---

[11] **2,683,800**
[13] C
[51] **Int.Cl. C12N 5/10 (2006.01) C07K 16/00 (2006.01) C12N 15/00 (2006.01) C12N 15/85 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A RECOMBINANT POLYCLONAL PROTEIN**
[54] **PROCEDE DE FABRICATION D'UNE PROTEINE POLYCLONALE RECOMBINANTE**
[72] NIELSEN, LARS SOEGAARD, DK
[72] WEILGUNY, DIETMAR, DK
[72] TOLSTRUP, ANNE BONDGAARD, DK
[72] WIBERG, FINN, DK
[72] MUELLER, CHRISTIAN, DK
[73] SYMPHOGEN A/S, DK
[85] 2009-10-14
[86] 2008-05-21 (PCT/DK2008/050116)
[87] (WO2008/145133)
[30] DK (PA 2007 00764) 2007-05-25
[30] US (60/924,708) 2007-05-29
[30] DK (PA 2007 01292) 2007-09-07
[30] US (60/960,002) 2007-09-11

---

[11] **2,684,448**
[13] C
[51] **Int.Cl. H04N 5/44 (2011.01) H04H 40/18 (2009.01) H04N 21/434 (2011.01) H03M 13/27 (2006.01) H03M 13/45 (2006.01) H04N 7/08 (2006.01)**
[25] EN
[54] **METHOD FOR TURBO TRANSMISSION OF DIGITAL BROADCASTING TRANSPORT STREAM, A DIGITAL BROADCASTING TRANSMISSION AND RECEPTION SYSTEM, AND A SIGNAL PROCESSING METHOD THEREOF**
[54] **PROCEDE DE TURBO-EMISSION DE FLUX DE TRANSPORT DE DIFFUSION NUMERIQUE, SYSTEME D'EMISSION ET DE RECEPTION DE DIFFUSION NUMERIQUE ET PROCEDE DE TRAITEMENT DE SIGNAL ASSOCIE**
[72] PARK, EUI-JUN, KR
[72] KWON, YONG-SIK, KR
[72] YU, JUNG-PIL, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2684448)
[87] (2684448)
[22] 2006-10-11
[62] 2,624,477
[30] US (60/724,786) 2005-10-11
[30] KR (10-2005-0113662) 2005-11-25
[30] US (11/416,253) 2006-05-03

---

[11] **2,685,018**
[13] C
[51] **Int.Cl. F16D 3/18 (2006.01) F16D 3/205 (2006.01)**
[25] EN
[54] **UNIVERSAL JOINT**
[54] **JOINT UNIVERSEL**
[72] DELANEY, DANA L., US
[72] DEXTER, BRUCE, US
[72] GHARIB, AWAD, US
[73] APEX BRANDS, INC., US
[86] (2685018)
[87] (2685018)
[22] 2003-12-18
[62] 2,509,950
[30] US (10/326,662) 2002-12-19

---

[11] **2,685,254**
[13] C
[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **ROCK-DRILLING EQUIPMENT AS WELL AS FEMALE AND MALE PARTS THEREFOR**
[54] **EQUIPEMENT DE FORAGE DE ROCHE AINSI QUE DES PARTIES FEMELLE ET MALE DESTINEES A CELUI-CI**
[72] NAVA, PETER, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2009-10-22
[86] 2008-05-28 (PCT/SE2008/000355)
[87] (WO2008/150207)
[30] SE (0701371-7) 2007-06-05

---

[11] **2,685,567**
[13] C
[51] **Int.Cl. C07D 213/82 (2006.01) A01N 25/32 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **PYRIDONECARBOXAMIDES, CROP PROTECTION AGENTS CONTAINING THE SAME, METHOD FOR PRODUCTION AND USE THEREOF**
[54] **PYRIDONE-CARBOXAMIDES, PHYTOPROTECTEURS CONTENANT CES COMPOSES, PROCEDES POUR LEUR PRODUCTION ET LEUR UTILISATION**
[72] ZIEMER, FRANK, DE
[72] WILLMS, LOTHAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] AULER, THOMAS, DE
[72] HACKER, ERWIN, DE
[72] BICKERS, UDO, DE
[73] BAYER CROPSCIENCE AG, DE
[85] 2009-10-29
[86] 2008-04-16 (PCT/EP2008/003016)
[87] (WO2008/131860)
[30] EP (07400013.4) 2007-04-30

[11] **2,686,527**
[13] C
[51] **Int.Cl. A61L 31/08 (2006.01) A61L 31/10 (2006.01) A61L 33/00 (2006.01) A61L 33/08 (2006.01) A61L 33/10 (2006.01) A61M 31/00 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **ADHESION PROMOTING TEMPORARY MASK FOR COATED SURFACES**
[54] **MASQUE TEMPORAIRE A PROMOTEUR D'ADHERENCE POUR SURFACES REVETUES**
[72] DAVE, VIPUL, US
[72] FALOTICO, ROBERT, US
[72] LI, CHENGXUE, US
[72] NGUYEN, THAI M., US
[72] PARKER, THEODORE L., US
[72] ZHAO, JONATHON Z., US
[73] CORDIS CORPORATION, US
[86] (2686527)
[87] (2686527)
[22] 2009-11-27
[30] US (12/342,465) 2008-12-23

[11] **2,688,454**
[13] C
[51] **Int.Cl. C07C 29/10 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING AN ALKYLENE GLYCOL**
[54] **PROCEDE DE PREPARATION D'UN ALKYLENEGLYCOL**
[72] CRUDGE, WILLIAM, US
[72] WILLEM VAN HAL, JAAP, US
[72] ZHANG, XIANKUAN, US
[73] SD LIZENZVERWERTUNGSGESELLSCHAFT MBH & CO. KG, DE
[85] 2009-11-26
[86] 2008-05-02 (PCT/US2008/005725)
[87] (WO2008/150338)
[30] US (11/755,464) 2007-05-30

[11] **2,688,996**
[13] C
[51] **Int.Cl. C07C 217/84 (2006.01) C07C 211/48 (2006.01) C10M 133/12 (2006.01)**
[25] EN
[54] **ANILINE COMPOUNDS AS ASHLESS TBN SOURCES AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME**
[54] **COMPOSES D'ANILINE POUVANT SERVIR DE SOURCES SANS CENDRES DU TYPE TBN ET COMPOSITIONS D'HUILE LUBRIFIANTE CONTENANT LESDITS COMPOSES**
[72] CHENG, JIE, US
[72] EMERT, JACOB, US
[73] INFINEUM INTERNATIONAL LIMITED, GB
[86] (2688996)
[87] (2688996)
[22] 2009-12-22
[30] US (12/342,702) 2008-12-23

[11] **2,689,971**
[13] C
[51] **Int.Cl. A61B 3/02 (2006.01) A61B 3/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE DETECTION OF IMPAIRED DARK ADAPTATION**
[54] **PROCEDE ET APPAREIL POUR LA DETECTION DE L'ADAPTATION DEFICIENTE A L'OBSCURITE**
[72] JACKSON, GREGORY R., US
[72] OWSLEY, CYNTHIA A., US
[73] THE UAB RESEARCH FOUNDATION, US
[86] (2689971)
[87] (2689971)
[22] 2004-09-03
[62] 2,536,825
[30] US (60/500,163) 2003-09-04

[11] **2,691,879**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **INSTANT MESSAGING SYSTEM, COMPONENT AND METHOD FOR ADDITIONAL SERVICE**
[54] **SYSTEME, COMPOSANT ET PROCEDE DE MESSAGERIE INSTANTANEE POUR DES SERVICES SUPPLEMENTALRES**
[72] HU, LIANG, CN
[72] PENG, HAOCHONG, CN
[72] YANG, CAISHI, CN
[72] YAN, MIN, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2009-12-29
[86] 2008-03-18 (PCT/CN2008/070525)
[87] (WO2009/009967)
[30] CN (200710118793.7) 2007-07-13

[11] **2,695,499**
[13] C
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 37/36 (2006.01) A01N 37/42 (2006.01) A01N 43/90 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS**
[54] **AMELIORATIONS APPORTEES A DES COMPOSES ORGANIQUES OU EN RAPPORT AVEC EUX**
[72] BELL, GORDON ALASTAIR, GB
[72] HARRIS, CLAIR LOUISE, GB
[72] TOVEY, IAN DAVID, GB
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2010-02-03
[86] 2008-08-12 (PCT/GB2008/002738)
[87] (WO2009/027626)
[30] GB (0716593.9) 2007-08-24

[11] **2,696,577**
[13] C
[51] **Int.Cl. B01D 53/94 (2006.01) A61K 8/02 (2006.01) A61K 9/16 (2006.01) A61K 9/70 (2006.01) A61K 33/00 (2006.01) A61Q 5/00 (2006.01) A61Q 9/04 (2006.01) A61Q 19/08 (2006.01) C01B 21/24 (2006.01) C07C 63/26 (2006.01) C07C 63/307 (2006.01) C07F 1/08 (2006.01) C07F 19/00 (2006.01)**
[25] EN
[54] **ADSORPTION AND RELEASE OF NITRIC OXIDE IN METAL ORGANIC FRAMEWORKS**
[54] **ADSORPTION ET LIBERATION D'OXYDE NITRIQUE DANS DES MILIEUX ORGANOMETALLIQUES**
[72] MORRIS, RUSSELL EDWARD, GB
[72] WHEATLEY, PAUL STEWART, GB
[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2010-02-11
[86] 2007-08-16 (PCT/GB2007/003129)
[87] (WO2008/020218)
[30] GB (0616350.5) 2006-08-17

[11] **2,697,748**
[13] C
[51] **Int.Cl. F16K 1/44 (2006.01) F16K 1/38 (2006.01)**
[25] EN
[54] **PILOTED POPPET VALVE**
[54] **SOUPAPE CHAMPIGNON PILOTEE**
[72] NEFF, ROBERT H., US
[72] SIMMONDS, JEFFREY, US
[73] MAC VALVES, INC., US
[86] (2697748)
[87] (2697748)
[22] 2010-03-25
[30] US (12/416,495) 2009-04-01

[11] **2,698,159**
[13] C
[51] **Int.Cl. F04D 27/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN COMPRESSOR CONTROL**
[54] **AMELIORATIONS APPORTEES A LA COMMANDE DE COMPRESSEURS**
[72] POWELL, GEOFFREY GEORGE, GB
[73] GARDNER DENVER DEUTSCHLAND GMBH, DE
[85] 2010-03-01
[86] 2008-08-07 (PCT/GB2008/002679)
[87] (WO2009/027623)
[30] GB (0716789.3) 2007-08-29

[11] **2,698,263**
[13] C
[51] **Int.Cl. H04W 68/00 (2009.01) H04W 52/02 (2009.01)**
[25] EN
[54] **PAGING USER DEVICES IN A WIRELESS ACCESS NETWORK**
[54] **DISPOSITIFS D'UTILISATEUR DE RADIOMESSAGERIE DANS UN RESEAU D'ACCES SANS FIL**
[72] KITAZOE, MASATO, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-02-09
[86] 2008-09-02 (PCT/US2008/075044)
[87] (WO2009/032818)
[30] US (60/969,866) 2007-09-04
[30] US (12/183,928) 2008-07-31

[11] **2,698,326**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/122 (2006.01) A61K 31/352 (2006.01) A61K 31/565 (2006.01) A61K 31/593 (2006.01) A61K 31/663 (2006.01) A61K 38/23 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61P 19/08 (2006.01) A61P 19/10 (2006.01) C07K 16/18 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODY TARGETING OSTEOCLAST-RELATED PROTEIN SIGLEC-15**
[54] **ANTICORPS CIBLANT LA PROTEINE SIGLEC-15 LIEE AUX OSTEOCLASTES**
[72] HIRUMA, YOSHIHARU, JP
[72] TSUDA, EISUKE, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2010-03-01
[86] 2008-10-08 (PCT/JP2008/068287)
[87] (WO2009/048072)
[30] JP (2007-265420) 2007-10-11

[11] **2,698,664**
[13] C
[51] **Int.Cl. B60B 7/04 (2006.01)**
[25] EN
[54] **FLEXIBLE WHEEL COVER ASSEMBLY**
[54] **ENSEMBLE ENJOLIVEUR DE ROUE FLEXIBLE**
[72] FLECK, JONATHAN, US
[73] MOOCHOUT LLC, US
[85] 2010-03-04
[86] 2007-09-11 (PCT/US2007/078155)
[87] (WO2008/100338)
[30] US (60/843,726) 2006-09-11

[11] **2,699,584**
[13] C
[51] **Int.Cl. B64D 11/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE VOLTAGE SUPPLY OF AIRCRAFT CABIN MODULES**
[54] **PROCEDE ET SYSTEME POUR ALIMENTER DES MODULES DE CABINES D'AVION EN TENSION**
[72] RIEDEL, CHRISTIAN, DE
[72] BERKHAHN, SVEN-OLAF, DE
[72] BAUER, HANS-ACHIM, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2010-03-12
[86] 2009-01-29 (PCT/EP2009/051001)
[87] (WO2009/095439)
[30] DE (10 2008 007 023.8) 2008-01-31
[30] US (61/063,387) 2008-01-31

[11] **2,700,783**
[13] C
[51] **Int.Cl. C07D 277/46 (2006.01) A61K 31/426 (2006.01) A61K 31/427 (2006.01) A61P 3/00 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **ACETAMIDE DERIVATIVES AS GLUCOKINASE ACTIVATORS, THEIR PROCESS AND MEDICINAL APPLICATIONS**
[54] **DERIVES ACETAMIDE COMME ACTIVATEUR DE LA GLUCOKINASE, LEUR PROCEDE ET APPLICATIONS MEDICINALES**
[72] BHUNIYA, DEBANATH, IN
[72] SANDEEP, BHAUSAHEB BHOSALE, IN
[72] GOBIND, SING KAPKOTI, IN
[72] VENKATA, POORNAPRAGNACHARYULU PALLE, IN
[72] DE, SIDDHARTHA, IN
[72] MOOKHTIAR, KASIM A, IN
[72] DAVE, BHAVESH, IN
[72] DESHPANDE, ANIL, IN
[72] KURHADE, SANTOSH, IN
[72] KOBAL, BALASAHEB, IN
[72] NAIK, KESHAV, IN
[72] KANDALKAR, SACHIN, IN
[73] ADVINUS THERAPEUTICS PRIVATE LIMITED, IN
[85] 2010-03-30
[86] 2008-10-07 (PCT/IN2008/000650)
[87] (WO2009/047798)
[30] IN (2266/CHE/2007) 2007-10-08

[11] **2,702,693**
[13] C
[51] **Int.Cl. E21B 43/28 (2006.01) C09K 8/528 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **METHOD OF ENHANCING ADSORPTION OF AN INHIBITOR ONTO A WELLBORE REGION**
[54] **PROCEDE POUR AMELIORER L'ADSORPTION D'UN INHIBITEUR SUR UNE PARTIE DE PUITS DE PETROLE**
[72] KEATCH, RICHARD, GB
[72] GUAN, HUA, GB
[73] M-I SWACO NORGE AS, NO
[73] OILFIELD MINERAL SOLUTIONS LIMITED, GB
[85] 2010-04-13
[86] 2008-10-15 (PCT/IB2008/002728)
[87] (WO2009/050561)
[30] US (60/980,040) 2007-10-15
[30] US (61/012,292) 2007-12-07

[11] **2,703,884**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD AND KIT FOR PREPARATION OF SAMPLE FOR USE IN NUCLEIC ACID AMPLIFICATION**
[54] **PROCEDE ET TROUSSE POUR PREPARER UN ECHANTILLON EN VUE D'UNE AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] MORI, YASUYOSHI, JP
[72] NOTOMI, TSUGUNORI, JP
[72] SHINDOME, TSUYOSHI, JP
[73] EIKEN KAGAKU KABUSHIKI KAISHA, JP
[85] 2010-04-27
[86] 2008-11-05 (PCT/JP2008/070089)
[87] (WO2009/060847)
[30] JP (2007-287655) 2007-11-05

[11] **2,704,264**
[13] C
[51] **Int.Cl. H04L 7/04 (2006.01) H04W 56/00 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTING ACCURATE TIME AND FREQUENCY OVER A NETWORK**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE TEMPS ET DE FREQUENCE SUR UN RESEAU**
[72] LADD, JONATHAN, CA
[72] FENTON, PATRICK C., CA
[73] NOVATEL INC., CA
[85] 2010-04-30
[86] 2008-11-03 (PCT/CA2008/001927)
[87] (WO2009/055931)
[30] US (60/985,036) 2007-11-02

[11] **2,704,623**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **PULSATILE COCHLEAR IMPLANT STIMULATION STRATEGY**
[54] **STRATEGIE DE STIMULATION D'IMPLANT COCHLEAIRE PULSATILE**
[72] SCHLEICH, PETER, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2010-05-03
[86] 2008-11-10 (PCT/US2008/082963)
[87] (WO2009/062142)
[30] US (60/986,690) 2007-11-09

[11] **2,709,752**
[13] C
[51] **Int.Cl. A61C 15/04 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL SYSTEM FOR INTERPROXIMAL CLEANING**
[54] **SYSTEME ELECTROMECANIQUE POUR NETTOYAGE INTERPROXIMAL**
[72] JANSSEN, JOZEF JOHANNES MARIA, NL
[72] GOTTENBOS, BART, NL
[72] VAN RIJSBERGEN, MARISKA HENDRIKS, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2010-06-17
[86] 2008-12-09 (PCT/IB2008/055165)
[87] (WO2009/077919)
[30] US (61/014,487) 2007-12-18

[11] **2,709,908**
[13] C
[51] **Int.Cl. H04W 64/00 (2009.01)**
[25] EN
[54] **POSITIONING USING ENHANCED PILOT SIGNAL**
[54] **POSITIONNEMENT A L'AIDE D'UN SIGNAL PILOTE AMELIORE**
[72] EDGE, STEPHEN W., US
[72] BLACK, PETER JOHN, US
[72] WU, QIANG, US
[72] ZHAO, WANLUN, US
[72] TOKGOZ, YELIZ, US
[72] PADOVANI, ROBERTO, US
[72] NAGUIB, AYMAN FAWZY, US
[72] KIM, JE WOO, US
[72] DAYAL, PRANAV, US
[72] AGASHE, PARAG ARUN, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-06-17
[86] 2008-10-31 (PCT/US2008/082107)
[87] (WO2009/079103)
[30] US (61/014,706) 2007-12-18
[30] US (61/016,101) 2007-12-21
[30] US (61/038,660) 2008-03-21
[30] US (12/113,900) 2008-05-01
[30] US (12/259,253) 2008-10-27

[11] **2,711,494**
[13] C
[51] **Int.Cl. G01V 3/14 (2006.01) G01N 24/08 (2006.01)**
[25] EN
[54] **JOINT COMPRESSION OF MULTIPLE ECHO TRAINS USING PRINCIPAL COMPONENT ANALYSIS AND INDEPENDENT COMPONENT ANALYSIS**
[54] **COMPRESSION DE JOINT DE MULTIPLES TRAINS D'ECHOS A L'AIDE D'UNE ANALYSE DE COMPOSANTES PRINCIPALES ET D'UNE ANALYSE DE COMPOSANTES INDEPENDANTES**
[72] ROTTENGATTER, PETER, DE
[72] HAMDAN, MOUIN, DE
[73] BAKER HUGHES INCORPORATED, US
[85] 2010-07-06
[86] 2009-01-07 (PCT/US2009/030287)
[87] (WO2009/089258)
[30] US (61/019,462) 2008-01-07
[30] US (12/347,784) 2008-12-31

[11] **2,712,271**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/00 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF STRESS IN FORMATIONS USING ANGLES OF FAST AND SLOW DIPOLE WAVES IN BOREHOLE ACOUSTIC LOGGING**
[54] **IDENTIFICATION D'UNE CONTRAINTE DANS DES FORMATIONS EN UTILISANT DES ANGLES D'ONDES DIPOLAIRES RAPIDES ET LENTES DANS UNE DIAGRAPHIE ACOUSTIQUE DE TROU DE FORAGE**
[72] ZHENG, YIBING, US
[72] MOOS, DANIEL, US
[72] TANG, XIAO MING, US
[72] DUBINSKY, VLADIMIR, US
[72] PATTERSON, DOUGLAS J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2010-07-15
[86] 2009-01-15 (PCT/US2009/031139)
[87] (WO2009/091914)
[30] US (61/011,466) 2008-01-18
[30] US (61/055,300) 2008-05-22
[30] US (12/353,159) 2009-01-13

[11] **2,713,719**
[13] C
[51] **Int.Cl. H04W 72/08 (2009.01)**
[25] EN
[54] **SIGNALING OVERHEAD REDUCTION USING SUB-DL-UL-MAP AND HARQ-MAP IN MOBILE WIMAX**
[54] **REDUCTION DE SURDEBIT DE SIGNALISATION PAR SUB-DL-UL-MAP ET HARQ-MAP DANS LE WIMAX MOBILE**
[72] CHIN, TOM, US
[72] LEE, KUO-CHUN, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-07-14
[86] 2009-01-30 (PCT/US2009/032724)
[87] (WO2009/097575)
[30] US (61/025,676) 2008-02-01
[30] US (12/142,765) 2008-06-19

[11] ***2,714,583**
[13] C
[51] **Int.Cl. F24H 9/20 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **PROGRAMMABLE WATER HEATER THERMOSTAT CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE THERMOSTAT DE CHAUFFE-EAU PROGRAMMABLE**
[72] SUBRAMANIAN, NARAYANAN M., US
[73] SUBRAMANIAN, NARAYANAN M., US
[86] (2714583)
[87] (2714583)
[22] 2010-09-10
[30] US (61/241480) 2009-09-11
[30] US (12/877156) 2010-09-08

[11] **2,714,831**
[13] C
[51] **Int.Cl. B08B 9/032 (2006.01)**
[25] EN
[54] **SYSTEM FOR DISPENSING ABRASIVES INTO A GAS STREAM FOR CLEANING PIPE INTERIORS**
[54] **SYSTEME DE PULVERISATION D'ABRASIFS DANS UN FLUX GAZEUX POUR NETTOYER L'INTERIEUR DE TUYAUX**
[72] COOPER, RANDALL J., CA
[73] ENVIROLOGICS ENGINEERING INC., CA
[86] (2714831)
[87] (2714831)
[22] 2010-09-09

---

[11] **2,715,661**
[13] C
[51] **Int.Cl. B65D 33/16 (2006.01)**
[25] EN
[54] **SEALABLE CLOSURE SYSTEMS AND PARTS THEREOF**
[54] **SYSTEMES DE FERMETURE SCELLABLE ET PIECES DUDIT SYSTEME**
[72] LYDEN, JEFF, US
[72] PORENSKY, JOHN, US
[72] BUESSELER, JOSH, US
[73] CASCADE DESIGNS, INC., US
[85] 2010-08-16
[86] 2008-07-18 (PCT/US2008/008804)
[87] (WO2009/011914)
[30] US (60/961,116) 2007-07-18

---

[11] **2,721,175**
[13] C
[51] **Int.Cl. H04W 72/08 (2009.01) H04W 52/26 (2009.01) H04B 7/185 (2006.01) H04W 84/06 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPENSATION FOR WEATHER-BASED ATTENUATION IN A SATELLITE LINK**
[54] **PROCEDE ET APPAREIL DE COMPENSATION D'ATTENUATION DE LIAISON SATELLITE DUE AUX CONDITIONS METEOROLOGIQUES**
[72] LAUFER, SHAUL, IL
[73] ELBIT SYSTEMS LAND AND C4I - TADIRAN LTD., IL
[85] 2010-10-08
[86] 2009-04-22 (PCT/IL2009/000440)
[87] (WO2009/130701)
[30] US (61/071,329) 2008-04-22

---

[11] **2,722,785**
[13] C
[51] **Int.Cl. G07C 3/00 (2006.01) G06Q 50/06 (2012.01) G08B 21/18 (2006.01) G06F 17/30 (2006.01) H04L 12/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO MONITOR AND MANAGE PERFORMANCE OF APPLIANCES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SURVEILLER ET DE GERER LES PERFORMANCES D'APPAREILS**
[72] STEENBERG, CARSTEN M., US
[72] VAN DUIJN, NIELSEN, US
[73] POWER HOUSE DYNAMICS, INC., US
[85] 2010-10-27
[86] 2009-05-07 (PCT/US2009/043104)
[87] (WO2009/137654)
[30] US (61/051,026) 2008-05-07

---

[11] **2,723,037**
[13] C
[51] **Int.Cl. H04W 4/20 (2009.01) G06K 19/07 (2006.01)**
[25] EN
[54] **TELECOMMUNICATION INTELLIGENT CARD AND METHOD FOR SIGNALING INTERACTION WITH EXTERNAL NON-CONTACT CARD**
[54] **CARTE DE TELECOMMUNICATION INTELLIGENTE ET PROCEDE POUR SIGNALER UNE INTERACTION AVEC UNE CARTE SANS CONTACT EXTERNE**
[72] YAN, GUANGWEN, CN
[72] LIU, LILI, CN
[73] BEIJING WATCH DATA SYSTEM CO., LTD., CN
[85] 2010-07-29
[86] 2009-01-14 (PCT/CN2009/070139)
[87] (WO2009/097770)
[30] CN (200810057432.0) 2008-02-01

---

[11] **2,723,359**
[13] C
[51] **Int.Cl. C08L 63/00 (2006.01) C08K 5/17 (2006.01)**
[25] EN
[54] **DIAMINO-ALCOHOL COMPOUNDS, THEIR MANUFACTURE AND USE IN EPOXY RESINS**
[54] **COMPOSES DIAMINOS-ALCOOL, LEUR FABRICATION ET LEUR UTILISATION DANS DES RESINES EPOXYDES**
[72] PEERA, ASGHAR AKBER, US
[72] TOMLINSON, IAN, US
[73] ANGUS CHEMICAL COMPANY, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[86] (2723359)
[87] (2723359)
[22] 2010-12-03
[30] US (61/284,637) 2009-12-22

[11] **2,723,843**
[13] C
[51] **Int.Cl. G06F 19/00 (2006.01)**
[25] EN
[54] **A MEDICAL MACHINE FOR FLUID TREATMENT**
[54] **MACHINE MEDICALE POUR LE TRAITEMENT DES FLUIDES**
[72] BASAGLIA, GIANNI, IT
[73] GAMBRO LUNDIA AB, SE
[85] 2010-11-08
[86] 2009-04-27 (PCT/IB2009/005386)
[87] (WO2009/136243)
[30] IT (MI2008A000845) 2008-05-09

[11] **2,725,184**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RAISING A FLUID IN A WELL**
[54] **APPAREIL ET PROCEDE DESTINES A ELEVER UN FLUIDE DANS UN PUITS**
[72] MAYFIELD, WINDEL O., US
[72] MOORE, ROBERT L., US
[73] PAL PLUNGERS, LLC, US
[85] 2010-11-22
[86] 2008-05-21 (PCT/US2008/064350)
[87] (WO2009/142633)

[11] **2,725,187**
[13] C
[51] **Int.Cl. B61G 3/06 (2006.01)**
[25] EN
[54] **RAILCAR COUPLER LOCK WITH CHAMFER ON THE KNUCKLE SHELF SEAT**
[54] **DISPOSITIF DE VERROUILLAGE D'ATTELAGE DE CHEMIN DE FER AMELIORE A CHANFREIN AJOUTE SUR UN SIEGE D'APPUI DE MACHOIRE**
[72] SMERECKY, JERRY R., US
[72] MARCHESE, THOMAS A., US
[72] LARSON, ERIC W., US
[73] BEDLOE INDUSTRIES LLC, US
[85] 2010-11-22
[86] 2009-05-22 (PCT/US2009/003155)
[87] (WO2009/142747)
[30] US (61/055,713) 2008-05-23
[30] US (61/055,403) 2008-05-22

[11] **2,726,069**
[13] C
[51] **Int.Cl. H05K 5/02 (2006.01) H04W 88/02 (2009.01) G06F 1/16 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **RELEASE MECHANISM FOR A SMART CARD**
[54] **MECANISME DE LIBERATION DE CARTE A PUCE**
[72] LAMERS, RAMON, DE
[73] BLACKBERRY LIMITED, CA
[86] (2726069)
[87] (2726069)
[22] 2010-12-21
[30] EP (10151386.9) 2010-01-22

[11] **2,726,344**
[13] C
[51] **Int.Cl. B01J 23/745 (2006.01) B01J 27/25 (2006.01) B01J 37/03 (2006.01)**
[25] EN
[54] **STRENGTHENING IRON FISCHER-TROPSCH CATALYST BY CO-FEEDING IRON NITRATE AND PRECIPITATING AGENT OR SEPARATELY PRECIPITATING FROM FERROUS NITRATE AND FERRIC NITRATE SOLUTIONS**
[54] **RENFORCEMENT D'UN CATALYSEUR DE FISCHER-TROPSCH A BASE DE FER PAR INTRODUCTION SIMULTANEE DE NITRATE DE FER ET D'UN AGENT DE PRECIPITATION, OU PAR PRECIPITATION DISTINCTE A PARTIR DE SOLUTIONS DE NITRATE FERREUX ET DE NITRATE FERRIQUE**
[72] DEMIREL, BELMA, US
[72] TAYLOR, JESSE W., US
[72] NIKRAD, PANDURANG V., US
[72] ROLFE, SARA L., US
[72] DUVENHAGE, DAWID J., US
[72] WRIGHT, HAROLD A., US
[73] RES USA, LLC, US
[85] 2010-11-30
[86] 2009-05-29 (PCT/US2009/045636)
[87] (WO2009/148952)
[30] US (61/058,126) 2008-06-02

[11] **2,728,080**
[13] C
[51] **Int.Cl. A45D 34/06 (2006.01) A45D 34/04 (2006.01) A45D 40/04 (2006.01)**
[25] EN
[54] **MULTI-UNIT COSMETIC APPLICATOR**
[54] **APPLICATEUR DE PRODUIT COSMETIQUE A PLUSIEURS UNITES**
[72] PORTER, KRISTOPHER, US
[72] PECHKO, ANDREW H., US
[72] KUREK, JOHN S., US
[73] AVON PRODUCTS, INC., US
[85] 2010-12-14
[86] 2008-07-23 (PCT/US2008/070852)
[87] (WO2010/005446)
[30] US (12/169,933) 2008-07-09

[11] **2,728,272**
[13] C
[51] **Int.Cl. H04R 3/04 (2006.01) B60R 16/037 (2006.01)**
[25] EN
[54] **AUTOMATIC CORRECTION OF LOUDNESS LEVEL IN AUDIO SIGNALS**
[54] **CORRECTION AUTOMATIQUE DU VOLUME DES SIGNAUX AUDIO**
[72] HESS, WOLFGANG, DE
[73] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
[86] (2728272)
[87] (2728272)
[22] 2011-01-14
[30] EP (10 156 409.4) 2010-03-12

[11] **2,728,277**
[13] C
[51] **Int.Cl. H04W 4/12 (2009.01) H04W 12/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **INTERFACE FOR PDA AND COMPUTING DEVICE**
[54] **INTERFACE POUR ASSISTANT NUMERIQUE PERSONNEL ET DISPOSITIF INFORMATIQUE**
[72] BASIR, OTMAN A., CA
[72] MINERS, WILLIAM BEN, CA
[72] HARTWELL, ERIC, CA
[73] INTELLIGENT MECHATRONIC SYSTEMS INC., CA
[86] (2728277)
[87] (2728277)
[22] 2011-01-14
[30] US (61/294,894) 2010-01-14

[11] **2,728,282**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/12 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD OF CONTROLLING OUT-OF-OFFICE NOTIFICATIONS**
[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE CONTROLE DES NOTIFICATIONS D'ABSENCE DU BUREAU**
[72] CUMMING, JOEL GEORGE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2728282)
[87] (2728282)
[22] 2011-01-14
[30] EP (10152111.0) 2010-01-29

---

[11] **2,729,088**
[13] C
[51] **Int.Cl. H01S 3/102 (2006.01) B23K 26/70 (2014.01)**
[25] EN
[54] **CIRCUIT ASSEMBLY FOR CONTROLLING AN OPTICAL SYSTEM TO GENERATE OPTICAL PULSES AND PULSE BURSTS**
[54] **CIRCUIT SERVANT A CONTROLER UN SYSTEME OPTIQUE CONCU POUR GENERER DES IMPULSIONS ET DES SALVES D'IMPULSIONS OPTIQUES**
[72] JACOB, MICHEL, CA
[72] DESBIENS, LOUIS, CA
[72] SISTO, MARCO MICHELE, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[86] (2729088)
[87] (2729088)
[22] 2011-01-26

---

[11] **2,729,089**
[13] C
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 80/00 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION METHOD AND MOBILE STATION**
[54] **PROCEDE DE COMMUNICATION MOBILE ET STATION MOBILE**
[72] YAMAGISHI, HIROAKI, JP
[72] KANAUCHI, MASASHI, JP
[72] IWAMURA, MIKIO, JP
[73] NTT DOCOMO, INC., JP
[85] 2010-12-22
[86] 2009-06-23 (PCT/JP2009/061403)
[87] (WO2009/157442)
[30] JP (2008-163902) 2008-06-23

---

[11] **2,730,476**
[13] C
[51] **Int.Cl. G01G 11/00 (2006.01) G07B 17/02 (2006.01)**
[25] EN
[54] **DYNAMIC SCALE AND METHOD FOR CONTROLLING A DYNAMIC SCALE**
[54] **BALANCE DYNAMIQUE ET PROCEDE DE COMMANDE DE BALANCE DYNAMIQUEDE**
[72] HUEBLER, UWE, DE
[72] KIESER, AXEL, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
[86] (2730476)
[87] (2730476)
[22] 2011-02-01
[30] DE (10 2010 009 431.5) 2010-02-24

---

[11] **2,731,061**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01) C07C 209/00 (2006.01) C07C 213/00 (2006.01)**
[25] FR
[54] **ABSORBENT SOLUTION BASED ON N,N,N',N'-TETRAMETHYLHEXANE-1,6-DIAMINE AND AN AMINE HAVING PRIMARY OR SECONDARY AMINE FUNCTIONS, AND PROCESS FOR REMOVING ACID COMPOUNDS FROM A GASEOUS EFFLUENT**
[54] **SOLUTION ABSORBANTE A BASE DE N,N,N',N'-TETRAMETHYLHEXANE-1,6-DIAMINE ET D'UNE AMINE PARTICULIERE COMPORTANT DES FONCTIONS AMINE PRIMAIRE OU SECONDAIRE ET PROCEDE D'ELIMINATION DECOMPOSES ACIDES D'UN EFFLUENT GAZEUX**
[72] JACQUIN, MARC, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2011-01-17
[86] 2009-07-21 (PCT/FR2009/000901)
[87] (WO2010/012883)
[30] FR (0804304) 2008-07-28

---

[11] **2,733,341**
[13] C
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 25/00 (2006.01)**
[25] EN
[54] **OXYGEN CYLINDER SUPPORT FOR USE IN AIRCRAFT**
[54] **RECEPTACLE POUR BOUTEILLE D'OXYGENE DANS UN AVION**
[72] SMITH, SYDNEY NOEL, CA
[73] SMITH, SYDNEY NOEL, CA
[86] (2733341)
[87] (2733341)
[22] 2011-03-01
[30] US (61/311,553) 2010-03-08

[11] **2,736,519**
[13] C
[51] **Int.Cl. F03D 7/02 (2006.01) F03D 9/02 (2006.01)**
[25] EN
[54] **WIND TURBINE BLADE PITCH CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DU PAS DES PALES D'UNE EOLIENNE**
[72] POTTER, BENJAMIN, GB
[72] NAGASAKI, RYUICHI, JP
[72] SHIGA, MAMORU, JP
[73] MOOG INC., US
[85] 2011-03-08
[86] 2009-09-08 (PCT/US2009/005037)
[87] (WO2010/030338)
[30] US (12/283,254) 2008-09-10

[11] **2,737,563**
[13] C
[51] **Int.Cl. F26B 25/00 (2006.01) G01N 33/46 (2006.01)**
[25] EN
[54] **METHOD FOR OPTIMIZING VALUE OF WOOD PRODUCTS DRIED IN A DRYING PROCESS**
[54] **METHODE D'OPTIMISATION DE LA VALEUR DE PRODUITS DE BOIS SECHES A L'AIDE D'UN PROCESSUS DE SECHAGE**
[72] STANISH, MARK A., US
[73] WEYERHAEUSER NR COMPANY, US
[86] (2737563)
[87] (2737563)
[22] 2011-04-15
[30] US (61/329,488) 2010-04-29

[11] **2,739,654**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/02 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **AUDIO DECODER, AUDIO ENCODER, METHOD FOR DECODING AN AUDIO SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL, COMPUTER PROGRAM AND AUDIO SIGNAL**
[54] **DECODEUR AUDIO, CODEUR AUDIO, PROCEDE DE DECODAGE D'UN SIGNAL AUDIO, PROCEDE DE CODAGE D'UN SIGNAL AUDIO, PROGRAMME INFORMATIQUE ET SIGNAL AUDIO**
[72] FUCHS, GUILLAUME, DE
[72] MULTRUS, MARKUS, DE
[72] GEIGER, RALF, DE
[72] BORSUM, ARNE, DE
[72] NAGEL, FREDERIK, DE
[72] ROBILLIARD, JULIEN, DE
[72] SUBBARAMAN, VIGNESH, DE
[72] LECOMTE, JEREMIE, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2011-04-05
[86] 2009-10-06 (PCT/EP2009/007169)
[87] (WO2010/040503)
[30] US (61/103,820) 2008-10-08

[11] **2,741,139**
[13] C
[51] **Int.Cl. C22F 1/18 (2006.01) C22C 14/00 (2006.01)**
[25] EN
[54] **METHODS FOR THE MANUFACTURE OF A TITANIUM ALLOY FOR USE IN COMBUSTION ENGINE EXHAUST SYSTEMS**
[54] **PROCEDES DE FABRICATION D'UN ALLIAGE DE TITANE A UTILISER DANS DES SYSTEMES D'ECHAPPEMENT DE MOTEUR A COMBUSTION**
[72] FOX, STEPHEN P., US
[72] KOSAKA, YOJI, US
[73] TITANIUM METALS CORPORATION, US
[85] 2011-04-15
[86] 2009-11-06 (PCT/US2009/063608)
[87] (WO2010/054236)
[30] US (61/112,083) 2008-11-06

[11] **2,742,470**
[13] C
[51] **Int.Cl. C03C 25/68 (2006.01) G02B 6/10 (2006.01) G02B 6/26 (2006.01)**
[25] EN
[54] **SURFACE STRUCTURE MODIFICATION**
[54] **MODIFICATION DE LA STRUCTURE DE SURFACE**
[72] WALSH, LAURENCE JAMES, AU
[72] GEORGE, ROY, AU
[73] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2011-05-03
[86] 2009-11-03 (PCT/AU2009/001430)
[87] (WO2010/051579)
[30] AU (2008905687) 2008-11-04

[11] **2,743,050**
[13] C
[51] **Int.Cl. H04N 21/254 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **USER AUTHENTICATION IN A CONTENT DELIVERY NETWORK**
[54] **AUTHENTIFICATION D'UTILISATEUR DANS UN RESEAU DE DIFFUSION DE CONTENU**
[72] MALONEY, IAN, IE
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2011-05-09
[86] 2009-10-23 (PCT/US2009/061908)
[87] (WO2010/056492)
[30] US (61/113,941) 2008-11-12

[11] **2,743,069**
[13] C
[51] **Int.Cl. G02F 1/01 (2006.01)**
[25] EN
[54] **OPTICAL MODULATION UTILIZING STRUCTURES INCLUDING METAMATERIALS**
[54] **MODULATION OPTIQUE A L'AIDE DE STRUCTURES COMPORTANT DES METAMATERIAUX**
[72] ALMASSY, ROBERT JOSEPH, US
[72] KAYE, ANTHONY BRESENHAN, US
[72] FLETCHER, THOMAS MATTHEW, US
[73] EXELIS INC., US
[86] (2743069)
[87] (2743069)
[22] 2011-06-10
[30] US (12/818,710) 2010-06-18

[11] **2,744,108**
[13] C
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **METHOD FOR DYNAMICALLY LINKING PROGRAM ON EMBEDDED PLATFORM AND EMBEDDED PLATFORM**
[54] **PLATE-FORME INTEGREE ET PROCEDE POUR LIER DE MANIERE DYNAMIQUE UN PROGRAMME SUR UNE PLATE-FORME INTEGREE**
[72] WU, ZHIHUA, CN
[72] GU, JIA, CN
[72] QIU, XUAN, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2011-05-18
[86] 2009-08-18 (PCT/CN2009/073324)
[87] (WO2010/057388)
[30] CN (200810180934.2) 2008-11-18

---

[11] **2,744,733**
[13] C
[51] **Int.Cl. G01S 19/23 (2010.01)**
[25] EN
[54] **LOCAL CLOCK FREQUENCY CALIBRATION USING LOW EARTH ORBIT (LEO) SATELLITES**
[54] **ETALONNAGE DE FREQUENCE D'HORLOGE LOCALE A L'AIDE DE SATELLITES A ORBITE BASSE (LEO)**
[72] GUTT, GREGORY M., US
[72] WHELAN, DAVID, US
[72] FERRELL, BARTON G., US
[72] BRUMLEY, ROBERT W., US
[72] MARTENS, CHRISTOPHER J., US
[72] HADDAD, ANNE T., US
[73] THE BOEING COMPANY, US
[85] 2011-05-25
[86] 2009-12-23 (PCT/US2009/069409)
[87] (WO2010/080658)
[30] US (12/349,362) 2009-01-06

---

[11] **2,746,113**
[13] C
[51] **Int.Cl. B01D 35/18 (2006.01) A23L 2/70 (2006.01) B01D 24/46 (2006.01) B01D 36/00 (2006.01) C12H 1/00 (2006.01) C12H 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING A FLUID, IN PARTICULAR A BEVERAGE**
[54] **PROCEDE POUR LE TRAITEMENT D'UN LIQUIDE, EN PARTICULIER, UNE BOISSON**
[72] ZEILER, MARTIN, DE
[72] ASCHER, RALF, DE
[72] MUELLER, ROLAND, DE
[72] FRISON, HARRY, DE
[73] PALL CORPORATION, US
[86] (2746113)
[87] (2746113)
[22] 2011-07-12
[30] EP (101 69 583.1) 2010-07-14

---

[11] **2,746,366**
[13] C
[51] **Int.Cl. B01F 17/00 (2006.01)**
[25] EN
[54] **FOAMING COMPOSITION FOR HIGH TEMPERATURE AND SALINITY**
[54] **COMPOSITION MOUSSANTE A UTILISER DANS DES CONDITIONS DE TEMPERATURE ET SALINITE ELEVEES**
[72] ZAMUDIO RIVERA, LUIS SILVESTRE, MX
[72] LOPEZ RAMIREZ, SIMON, MX
[72] DURAN VALENCIA, CECILIA DE LOS ANGELES, MX
[72] HERNANDEZ ALTAMIRANO, RAUL, MX
[72] MENA CERVANTES, VIOLETA YASMIN, MX
[72] GARCIA MUNOZ, NORMA ARACELI, MX
[72] RIOS REYES, ALFREDO, MX
[72] ORTEGA RODRIGUEZ, ALEJANDRO, MX
[72] MENDOZA DE LA CRUZ, JOSE LUIS, MX
[72] LOZADA Y CASSOU, MARCELO, MX
[72] BUENROSTRO GONZALEZ, EDUARDO, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[85] 2011-06-09
[86] 2009-10-05 (PCT/MX2009/000106)
[87] (WO2010/068082)
[30] MX (MX/a/2008/015989) 2008-12-12

---

[11] **2,747,530**
[13] C
[51] **Int.Cl. B66B 19/00 (2006.01) B66B 7/02 (2006.01)**
[25] EN
[54] **ELEVATOR HOISTWAY INSTALLATION GUIDE SYSTEMS, METHODS AND TEMPLATES**
[54] **SYSTEMES, PROCEDES ET GABARITS DE GUIDAGE D'INSTALLATION DE CAGE D'ASCENSEUR**
[72] BAERNEMAN, HAEKAN, SE
[72] BOUCHER, SCOTT, US
[72] OSBON, ANGELIKA, US
[73] KONE CORPORATION, FI
[85] 2011-06-15
[86] 2009-12-30 (PCT/US2009/069806)
[87] (WO2010/078416)
[30] US (12/347,664) 2008-12-31

---

[11] **2,747,753**
[13] C
[51] **Int.Cl. A23L 1/29 (2006.01) A61K 31/07 (2006.01) A61K 31/122 (2006.01) A61K 31/355 (2006.01) A61K 31/375 (2006.01) A61K 31/51 (2006.01) A61K 31/525 (2006.01) A61K 31/59 (2006.01) A61K 33/04 (2006.01) A61K 33/06 (2006.01) A61K 33/30 (2006.01)**
[25] EN
[54] **NUTRITIONAL SUPPLEMENTS FOR 50+ INDIVIDUALS FOR IMPROVING VITALITY, IMMUNITY, EYE AND BONE HEALTH**
[54] **COMPLEMENTS ALIMENTAIRES POUR INDIVIDUS DE 50 ANS ET PLUS PERMETTANT D'AMELIORER LA VITALITE, L'IMMUNITE ET LA SANTE OCULAIRE ET OSSEUSE**
[72] COTTER, RICHARD, US
[72] MOHS, CHARLES, US
[72] DISPENSA, LISA, US
[72] ZIEGLER, PAULA, US
[73] WYETH LLC, US
[85] 2011-06-17
[86] 2010-01-21 (PCT/US2010/021601)
[87] (WO2010/085535)
[30] US (61/146,695) 2009-01-23

[11] **2,748,153**
[13] C
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **ANCHOR FOR USE WITH EXPANDABLE TUBULAR**
[54] **ANCRE UTILISEE AVEC UN TUBE EXTENSIBLE**
[72] GIROUX, RICHARD LEE, US
[72] KENDZIORA, LARRY A., US
[72] RING, LEV, US
[73] WEATHERFORD/LAMB, INC., US
[86] (2748153)
[87] (2748153)
[22] 2011-08-04
[30] US (61/371,082) 2010-08-05
[30] US (13/197,030) 2011-08-03

---

[11] **2,748,437**
[13] C
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **AD HOC NETWORK INITIATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CREATION DE RESEAU AD HOC**
[72] KASSLIN, MIKA ILKKA TAPANI, FI
[72] KNECKT, JARKKO LAURI SAKARI, FI
[72] MARIN, JANNE, FI
[73] NOKIA CORPORATION, FI
[85] 2011-06-27
[86] 2009-12-09 (PCT/IB2009/055599)
[87] (WO2010/076700)
[30] US (12/346,320) 2008-12-30

---

[11] **2,748,919**
[13] C
[51] **Int.Cl. A47J 27/088 (2006.01) A47J 36/02 (2006.01) B65D 5/54 (2006.01) B65D 81/34 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **ELEVATED MICROWAVE HEATING CONSTRUCT**
[54] **CONSTRUCTION ELEVEE DE CHAUFFAGE A MICRO-ONDES**
[72] LAFFERTY, TERRENCE P., US
[72] COLE, LORIN R., US
[72] MIDDLETON, SCOTT W., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2011-07-04
[86] 2010-01-11 (PCT/US2010/020580)
[87] (WO2010/081059)
[30] US (61/143,858) 2009-01-12

---

[11] **2,749,307**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **PROMOTER SEQUENCE OF A GENE ENCODING AN EXOENZYME TOXIN OF AEROMONAS SALMONICIDA, AND USES THEREFOR**
[54] **SEQUENCE PROMOTRICE D'UN GENE ENCODANT UNE TOXINE EXOENZYME D'AEROMONAS SALMONICIDA, ET UTILISATIONS ASSOCIEES**
[72] FREY, JOACHIM, CH
[72] KUHNERT, PETER, CH
[72] BRAUN, MARTIN, CH
[72] THORNTON, JULIAN C., CA
[72] KUZYK, MICHAEL A., CA
[72] BURIAN, JAN, CA
[73] UNIVERSITAET BERN, CH
[86] (2749307)
[87] (2749307)
[22] 2001-11-15
[62] 2,467,360
[30] US (60/248,864) 2000-11-15

---

[11] **2,749,626**
[13] C
[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **DISPOSABLE ABSORBENT INSERT FOR TWO-PIECE WEARABLE ABSORBENT ARTICLE**
[54] **ELEMENT D'INSERTION ABSORBANT JETABLE POUR ARTICLE ABSORBANT EN DEUX PARTIES POUVANT ETRE PORTE**
[72] ROE, DONALD CARROLL, US
[72] WIGGINS, ELAINE MARY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2011-07-13
[86] 2010-01-14 (PCT/US2010/021015)
[87] (WO2010/083290)
[30] US (61/144,866) 2009-01-15

---

[11] **2,751,042**
[13] C
[51] **Int.Cl. B02C 15/04 (2006.01) B02C 23/10 (2006.01)**
[25] EN
[54] **DOUBLE COURSE VANE WHEEL**
[54] **ROUE A AUBES A DEUX RANGEES**
[72] WARK, RICKEY E., US
[73] WARK, RICKEY E., US
[85] 2011-07-28
[86] 2010-09-10 (PCT/US2010/048404)
[87] (WO2011/062672)
[30] US (12/621,814) 2009-11-19
[30] US (12/878,081) 2010-09-09

---

[11] **2,751,101**
[13] C
[51] **Int.Cl. C11D 3/12 (2006.01) C11D 3/20 (2006.01) C11D 3/22 (2006.01) C11D 3/386 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **LIQUID HAND DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT LIQUIDE POUR LE LAVAGE MANUEL DE LA VAISSELLE**
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] HARCQ, LAURENCE, BE
[72] MORABET, SALUA, BE
[72] COOREMANS, STEVEN PAUL GEORGES, BE
[72] KOYUNCU, BAHAR, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2011-07-28
[86] 2010-01-25 (PCT/US2010/021907)
[87] (WO2010/088158)
[30] EP (09151882.9) 2009-02-02

[11] **2,751,214**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **ANALYSIS OF NETWORK TRAFFIC**
[54] **ANALYSE D'UN TRAFIC RESEAU**
[72] KANE, JOHN, US
[72] LAWRENCE, JOSEPH, US
[72] FARNON, MARIA, US
[72] NOONER, RICK, US
[72] ALCALA, RAOUL, US
[72] TAYLOR, MARK, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2011-07-29
[86] 2010-02-01 (PCT/US2010/022768)
[87] (WO2010/088622)
[30] US (61/149,130) 2009-02-02

---

[11] **2,752,219**
[13] C
[51] **Int.Cl. H04W 36/02 (2009.01) H04W 36/14 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD OF HANDLING IP LAYER MOBILITY IN A WIRELESS NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DE GERER LA MOBILITE DES COUCHES IP DANS UN RESEAU SANS FIL**
[72] ZHANG, HAINING, CA
[72] COSKUN, RISVAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2752219)
[87] (2752219)
[22] 2004-10-08
[62] 2,542,015
[30] US (60/509,518) 2003-10-08

---

[11] **2,753,015**
[13] C
[51] **Int.Cl. H01H 13/83 (2006.01) H01H 13/715 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **BACKLIGHTING APPARATUS FOR A KEYPAD ASSEMBLY**
[54] **APPAREIL DE RETROECLAIRAGE POUR ENSEMBLE DE PAVE NUMERIQUE**
[72] CHEN, CHAO, CA
[73] BLACKBERRY LIMITED, CA
[86] (2753015)
[87] (2753015)
[22] 2011-09-21
[30] EP (10179232.3) 2010-09-24

---

[11] **2,754,314**
[13] C
[51] **Int.Cl. G06F 3/02 (2006.01) H04W 88/02 (2009.01) G06F 21/32 (2013.01)**
[25] EN
[54] **KEYBOARD HAVING KEY WITH INTEGRAL BIOMETRIC INPUT DEVICE**
[54] **CLAVIER POSSEDANT UNE TOUCHE AVEC DISPOSITIF INTEGRE A UN DISPOSITF POUR LA SAISIE DE DONNEES BIOMETRIQUES**
[72] SALTER, TIMOTHY RYAN, CA
[72] MESAROS, MARK DAVID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2754314)
[87] (2754314)
[22] 2011-10-05
[30] EP (10186512.9) 2010-10-05

---

[11] **2,754,915**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF UNIFYING DATA**
[54] **PROCEDE ET SYSTEME D'UNIFICATION DE DONNEES**
[72] SHLAES, MARC J., US
[72] VAN BERKEL, JOCHEN, DE
[72] ENGEL, HERMANN, DE
[72] JUGEL, MARIO, DE
[73] DATATRAK INTERNATIONAL, INC., US
[86] (2754915)
[87] (2754915)
[22] 2003-07-28
[62] 2,493,269
[30] US (60/398,841) 2002-07-26

---

[11] **2,755,815**
[13] C
[51] **Int.Cl. C10M 169/04 (2006.01)**
[25] EN
[54] **MARINE ENGINE LUBRICATION**
[54] **LUBRIFICATION DE MOTEUR MARIN**
[72] GARNER, TERENCE, GB
[72] GREGORY, LAURA, GB
[72] HARTLEY, JOSEPH, GB
[72] WATTS, PETER, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
[85] 2011-09-16
[86] 2010-03-31 (PCT/EP2010/002132)
[87] (WO2010/115595)
[30] EP (09157524.1) 2009-04-07

---

[11] **2,757,341**
[13] C
[51] **Int.Cl. B02C 21/02 (2006.01)**
[25] EN
[54] **MOBILE CRUSHER**
[54] **CONCASSEUR MOBILE**
[72] HUBRICH, FRANK, DE
[72] HOFFMANN, DIETER, DE
[73] TAKRAF GMBH, DE
[85] 2011-09-30
[86] 2010-04-03 (PCT/DE2010/000387)
[87] (WO2010/112019)
[30] DE (10 2009 016 405.7) 2009-04-04
[30] DE (10 2010 013 154.7) 2010-03-27

---

[11] **2,757,483**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/04 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **CONVERTING ORGANIC MATTER FROM A SUBTERRANEAN FORMATION INTO PRODUCIBLE HYDROCARBONS BY CONTROLLING PRODUCTION OPERATIONS BASED ON AVAILABILITY OF ONE OR MORE PRODUCTION RESOURCES**
[54] **CONVERSION DE MATIERE ORGANIQUE PROVENANT D'UNE FORMATION SOUTERRAINE EN HYDROCARBURES PRODUCTIBLES PAR CONTROLE DES OPERATIONS DE PRODUCTION SUR LA BASE DE LA DISPONIBILITE D'UNE OU DE PLUSIEURS RESSOURCES DE PRODUCTION**
[72] STONE, MATTHEW, US
[72] GHURYE, GANESH, US
[72] SHANLEY, MATTHEW T., US
[72] RASMUSSEN, PETER, US
[72] HUANG, XIANGHUI, US
[72] KAMINSKY, ROBERT, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2011-09-30
[86] 2010-04-21 (PCT/US2010/031910)
[87] (WO2010/129174)
[30] US (61/175,547) 2009-05-05

[11] **2,758,148**
[13] C
[51] **Int.Cl. B65B 11/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPENSING A PREDETERMINED AMOUNT OF FILM RELATIVE TO LOAD GIRTH**
[54] **METHODE ET DISPOSITIF PERMETTANT DE DISTRIBUER UNE QUANTITE PREDETERMINEE DE FILM PAR RAPPORT A LA SANGLE DE LA CHARGE**
[72] LANCASTER, PATRICK R., III, US
[73] LANTECH.COM, LLC, US
[86] (2758148)
[87] (2758148)
[22] 2006-04-07
[62] 2,603,981
[30] US (60/669,344) 2005-04-08

[11] **2,758,573**
[13] C
[51] **Int.Cl. H04W 84/12 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR USE IN CONTROLLING AN ACCESS POINT MODE OF OPERATION FOR A MOBILE TERMINAL**
[54] **PROCEDES ET APPAREIL DE CONTROLE DU MODE DE FONCTIONNEMENT D'UN POINT D'ACCES D'UN TERMINAL MOBILE**
[72] KHOLAIF, AHMAD MOHAMMAD MOHAMMAD, CA
[72] RAWLINS, RUDY EUGENE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2758573)
[87] (2758573)
[22] 2011-11-16
[30] EP (11151734.8) 2011-01-21

[11] **2,759,740**
[13] C
[51] **Int.Cl. G05D 1/03 (2006.01) H04B 1/59 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR UTILIZING NEAR FIELD COMMUNICATION TO GUIDE ROBOTS**
[54] **PROCEDES, APPAREILS ET PRODUITS PROGRAMMES INFORMATIQUES CONCUS POUR UTILISER DES COMMUNICATIONS EN CHAMP PROCHE POUR GUIDER DES ROBOTS**
[72] JAYNES, ROBERT, US
[73] AESYNT INCORPORATED, US
[86] (2759740)
[87] (2759740)
[22] 2011-11-28
[30] US (12/973,551) 2010-12-20

[11] **2,760,362**
[13] C
[51] **Int.Cl. A61M 39/22 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **INTRAVASCULAR VALVE COMPONENT WITH IMPROVED VALVE POSITIONING**
[54] **COMPOSANT POUR VALVULE INTRAVASCULAIRE AVEC AMELIORATION DU POSITIONNEMENT DE LA VALVULE**
[72] WINSOR, CHRIS, US
[72] DIKEMAN, W. CARY, US
[72] SMITH, LARRY C., US
[73] NEXUS MEDICAL, LLC, US
[85] 2011-10-21
[86] 2010-05-04 (PCT/US2010/033548)
[87] (WO2010/135080)
[30] US (12/468,650) 2009-05-19

[11] **2,760,934**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SELF-SIGNED IMPLICIT CERTIFICATES**
[54] **CERTIFICATS IMPLICITES AUTO-SIGNES**
[72] CAMPAGNA, MATTHEW, JOHN, US
[72] STRUIK, MARINUS, CA
[73] CERTICOM CORP., CA
[85] 2011-11-03
[86] 2010-05-05 (PCT/US2010/033754)
[87] (WO2010/129694)
[30] US (61/213,082) 2009-05-05

[11] **2,762,924**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR TWO-NODE CLUSTER HOT BACKUP**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE REPRISE IMMEDIATE A DEUX ORDINATEURS**
[72] XIE, YING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2011-11-21
[86] 2010-06-01 (PCT/CN2010/073413)
[87] (WO2010/142210)
[30] CN (200910108021.4) 2009-06-09

[11] **2,763,036**
[13] C
[51] **Int.Cl. A61F 2/16 (2006.01) G02C 7/06 (2006.01)**
[25] EN
[54] **MULTIFOCAL OPHTHALMIC LENS**
[54] **LENTILLE OPHTALMIQUE MULTIFOCALE**
[72] PIERS, PATRICIA ANN, NL
[72] WEEBER, HENDRIK ALBERT, NL
[72] NORRBY, SVERKER, NL
[73] AMO GRONINGEN B.V., NL
[86] (2763036)
[87] (2763036)
[22] 2003-11-27
[62] 2,507,659
[30] SE (0203564-0) 2002-11-29

[11] **2,763,825**
[13] C
[51] **Int.Cl. H01M 2/26 (2006.01) H04W 88/02 (2009.01) G06F 1/26 (2006.01) H01M 2/30 (2006.01) H04B 15/02 (2006.01)**
[25] EN
[54] **BATTERY FOR WIRELESS MOBILE COMMUNICATION DEVICE**
[54] **BATTERIE POUR DISPOSITIF DE COMMUNICATION MOBILE SANS FIL**
[72] HAWKER, LARRY EDWARD, CA
[72] MANKARUSE, GEORGE SOLIMAN, CA
[72] VAN SCHYNDEL, ANDRE JOHN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2011-11-29
[86] 2009-06-10 (PCT/CA2009/000818)
[87] (WO2010/142014)

---

[11] **2,764,643**
[13] C
[51] **Int.Cl. G02B 6/26 (2006.01) G02F 1/01 (2006.01)**
[25] EN
[54] **SILICON-BASED OPTICAL MODULATOR WITH IMPROVED EFFICIENCY AND CHIRP CONTROL**
[54] **MODULATEUR OPTIQUE AU SILICIUM A EFFICACITE ACCRUE ET A COMMANDE DE CHIRP AMELIOREE**
[72] WEBSTER, MARK, US
[72] ROMANO, RUSSELL, US
[72] SHASTRI, KALPENDU, US
[73] CISCO TECHNOLOGY, INC., US
[85] 2011-12-06
[86] 2010-06-07 (PCT/US2010/037591)
[87] (WO2010/144346)
[30] US (61/186,693) 2009-06-12
[30] US (12/781,471) 2010-05-17

---

[11] **2,766,553**
[13] C
[51] **Int.Cl. B65D 81/38 (2006.01) B29C 44/12 (2006.01)**
[25] EN
[54] **INSULATING PACKAGING**
[54] **EMBALLAGE ISOLANT**
[72] FU, THOMAS, US
[72] COOK, MATTHEW R., US
[73] LBP MANUFACTURING, INC., US
[85] 2011-12-22
[86] 2010-06-15 (PCT/US2010/038677)
[87] (WO2010/151456)
[30] US (12/490,121) 2009-06-23

---

[11] **2,767,214**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING CONTROL INFORMATION FOR ADDITIONAL BROADCAST INFORMATION IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRANSMETTRE ET DE RECEVOIR DES INFORMATIONS DE CONTROLE POUR DES INFORMATIONS DE DIFFUSION ADDITIONNELLE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] CHO, HEE JEONG, KR
[72] RYU, KI SEON, KR
[72] YUK, YOUNG SOO, KR
[72] LEE, HYUN WOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-01-04
[86] 2010-07-06 (PCT/KR2010/004398)
[87] (WO2011/005015)
[30] US (61/223,071) 2009-07-06
[30] US (61/228,980) 2009-07-28
[30] US (61/229,724) 2009-07-30
[30] US (61/230,112) 2009-07-31
[30] US (61/234,325) 2009-08-17
[30] US (61/235,361) 2009-08-20
[30] US (61/235,685) 2009-08-20
[30] US (61/236,864) 2009-08-25
[30] US (61/238,698) 2009-09-01
[30] US (61/240,243) 2009-09-07
[30] US (61/250,873) 2009-10-13
[30] US (61/289,387) 2009-12-22
[30] US (61/318,390) 2010-03-29
[30] US (61/328,643) 2010-04-28
[30] US (61/330,880) 2010-05-04
[30] KR (10-2010-0064783) 2010-07-06

---

[11] **2,768,124**
[13] C
[51] **Int.Cl. H02G 3/08 (2006.01) H02B 1/28 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **WATER-RESISTANT WHILE-IN-USE ELECTRICAL BOX**
[54] **BOITIER DE DISTRIBUTION ELECTRIQUE RESISTANTE A L'EAU EN UTLISATION**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2768124)
[87] (2768124)
[22] 2012-02-15
[30] US (61/449,330) 2011-03-04
[30] US (13/365,702) 2012-02-03

---

[11] **2,769,223**
[13] C
[51] **Int.Cl. A61K 47/36 (2006.01) A23K 1/18 (2006.01) A61K 39/00 (2006.01) A61P 9/10 (2006.01) A61P 9/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **STICKY SOFT GEL FOR TREATING POULTRY**
[54] **GEL MOU COLLANT POUR TRAITER LA VOLAILLE**
[72] LEE, ENG-HONG, CA
[73] VETECH LABORATORIES INC., CA
[85] 2012-01-26
[86] 2010-07-27 (PCT/CA2010/001156)
[87] (WO2011/011873)
[30] CA (2,674,143) 2009-07-28
[30] US (12/510,926) 2009-07-28

[11] **2,769,224**
[13] C
[51] **Int.Cl. H04W 4/18 (2009.01) H04W 8/24 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SHARING FUNCTIONS BETWEEN DEVICES VIA A NETWORK**
[54] **PROCEDE ET APPAREIL POUR LE PARTAGE DE FONCTIONS ENTRE DES DISPOSITIFS PAR L'INTERMEDIAIRE D'UN RESEAU**
[72] LEE, KEUM-KOO, KR
[72] CHOO, HEE-JEONG, KR
[72] SUNG, JU-YUN, KR
[72] KWAHK, JI-YOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-01-26
[86] 2010-08-24 (PCT/KR2010/005615)
[87] (WO2011/025207)
[30] KR (10-2009-0078439) 2009-08-24

[11] **2,769,737**
[13] C
[51] **Int.Cl. B31B 23/14 (2006.01) B31B 1/18 (2006.01)**
[25] EN
[54] **PLASTIC BAG MAKING APPARATUS**
[54] **DISPOSITIF DE FABRICATION DE SACS EN PLASTIQUE**
[72] TOTANI, MIKIO, JP
[73] TOTANI CORPORATION, JP
[85] 2012-01-31
[86] 2011-03-24 (PCT/JP2011/057207)
[87] (WO2011/118718)
[30] JP (2010-072891) 2010-03-26

[11] **2,769,974**
[13] C
[51] **Int.Cl. E03C 1/04 (2006.01) B29C 41/22 (2006.01) F16K 11/20 (2006.01) F16K 27/00 (2006.01) F16L 47/32 (2006.01)**
[25] EN
[54] **CENTERSET FAUCET BODY AND METHOD OF MAKING SAME**
[54] **ROBINET A CORPS CENTRAL ET SON PROCEDE DE FABRICATION**
[72] THOMAS, KURT J., US
[72] ENLOW, BRIAN A., US
[72] SAILORS, TIMOTHY J., US
[72] BROWN, DEREK A., US
[72] CHRISTIAN, EARL G., JR., US
[73] MASCO CORPORATION OF INDIANA, US
[73] MERCURY PLASTICS, INC., US
[86] (2769974)
[87] (2769974)
[22] 2012-02-28
[30] US (61/451,944) 2011-03-11
[30] US (13/087,586) 2011-04-15

[11] **2,770,405**
[13] C
[51] **Int.Cl. C07D 271/06 (2006.01) A61K 31/4245 (2006.01) A61K 31/4439 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **SULFONE DERIVATIVE**
[54] **DERIVE DE SULFONE**
[72] YAMANOI, SHIGEO, JP
[72] NAMIKI, HIDENORI, JP
[72] KATAGIRI, TAKAHIRO, JP
[72] AKIU, MAYUKO, JP
[72] KAGECHIKA, KATSUJI, JP
[72] HONDA, TAKESHI, JP
[72] MATSUMOTO, KOJI, JP
[72] NAKASHIMA, RYUTARO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2012-02-06
[86] 2010-08-04 (PCT/JP2010/063150)
[87] (WO2011/016470)
[30] JP (2009-182721) 2009-08-05

[11] **2,770,444**
[13] C
[51] **Int.Cl. D21H 13/50 (2006.01) B01D 39/14 (2006.01) D21H 17/63 (2006.01) D21H 21/14 (2006.01) C01B 31/00 (2006.01)**
[25] EN
[54] **SHEETS CONTAINING ACTIVE AGENTS AND ACTIVATED, CARBONIZED FIBRILLATED FIBERS, AND FILTER MEDIUMS THEREOF**
[54] **FEUILLES CONTENANT DES AGENTS ACTIFS ET DES FIBRES FIBRILLEES CARBONEES ACTIVEES ET MILIEUX FILTRANTS ASSOCIES**
[72] KOSLOW, EVAN E., US
[73] KX TECHNOLOGIES LLC, US
[86] (2770444)
[87] (2770444)
[22] 2004-07-12
[62] 2,528,435
[30] US (10/622,882) 2003-07-18

[11] **2,771,117**
[13] C
[51] **Int.Cl. C12N 15/32 (2006.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07K 14/325 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **BACILLUS THURINGIENSIS INSECTICIDAL PROTEINS**
[54] **NOUVELLES PROTEINES INSECTICIDES DU BACILLUS THURINGIENSIS**
[72] ARNAUT, GRETA, BE
[72] BOETS, ANNEMIE, BE
[72] VANNESTE, STIJN, BE
[72] VAN RIE, JEROEN, BE
[72] VAN HOUDT, SARA, BE
[73] BAYER CROPSCIENCE N.V., BE
[86] (2771117)
[87] (2771117)
[22] 2002-01-08
[62] 2,433,817
[30] US (09/756,296) 2001-01-09

[11] **2,771,194**
[13] C
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **PATIENT-CONTACT ACTIVATED NEEDLE STICK SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE ACTIF CONTRE LES PIQURES D'AIGUILLE EN CONTACT AVEC UN PATIENT**
[72] FIELD, FREDERICK P., US
[72] DOWDS, PHILIP, US
[72] VERESPEJ, JAMES M., US
[73] SAFETY SYRINGES, INC., US
[85] 2012-02-14
[86] 2010-08-19 (PCT/US2010/046031)
[87] (WO2011/022559)
[30] US (61/235,278) 2009-08-19

---

[11] **2,771,482**
[13] C
[51] **Int.Cl. B64C 5/00 (2006.01) B64C 1/00 (2006.01) B64C 3/00 (2006.01)**
[25] EN
[54] **REMOVABLE HORIZONTAL STABILIZER FOR HELICOPTER**
[54] **STABILISATEUR HORIZONTAL AMOVIBLE POUR HELICOPTERE**
[72] DENNISON, WILLIAM D., US
[72] MAY, CARL A., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2012-02-17
[86] 2009-09-17 (PCT/US2009/057261)
[87] (WO2011/034531)

---

[11] **2,772,345**
[13] C
[51] **Int.Cl. B29C 73/04 (2006.01) B29C 73/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REWORKING STRUCTURES USING RESIN INFUSION OF FIBER PREFORMS**
[54] **PROCEDE ET APPAREIL DE RECYCLAGE DE STRUCTURES A L'AIDE D'INFUSION DE RESINE DE PREFORME DE FIBRE**
[72] HANKS, DENNIS JAMES, US
[72] WOODS, JACK ALLEN, US
[72] GLEASON, GREGORY ROBERT, US
[73] THE BOEING COMPANY, US
[86] (2772345)
[87] (2772345)
[22] 2012-03-26
[30] US (13/118,546) 2011-05-30

---

[11] **2,772,374**
[13] C
[51] **Int.Cl. C04B 28/02 (2006.01) C09K 8/46 (2006.01) C09K 8/467 (2006.01) C09K 8/487 (2006.01)**
[25] EN
[54] **CEMENT COMPOSITIONS AND ASSOCIATED METHODS COMPRISING SUB-MICRON CALCIUM CARBONATE AND LATEX**
[54] **COMPOSITIONS DE CIMENT ET PROCEDES ASSOCIES COMPRENANT DU CARBONATE DE CALCIUM SUBMICRONIQUE ET DU LATEX**
[72] PATIL, RAHUL CHANDRAKANT, IN
[72] TARAFDAR, ABHIJIT, IN
[72] DESHPANDE, ABHIMANYU, IN
[72] GORDON, CHRISTOPHER L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-02-27
[86] 2010-09-03 (PCT/GB2010/001671)
[87] (WO2011/027122)
[30] US (12/553,871) 2009-09-03

---

[11] **2,772,732**
[13] C
[51] **Int.Cl. G01G 19/00 (2006.01) G01G 13/02 (2006.01) G01G 23/01 (2006.01)**
[25] EN
[54] **DYNAMIC SCALE WITH MULTIPLE WEIGHING PANS, AND METHOD TO OPERATE THE DYNAMIC SCALE**
[54] **BALANCE DYNAMIQUE EQUIPEE DE PLUSIEURS PLATEAUX DE PESEE ET METHODE DE FONCTIONNEMENT DE LADITE BALANCE**
[72] HUEBLER, UWE, DE
[72] KIESER, AXEL, DE
[72] SCHLAAFF, TORSTEN, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
[86] (2772732)
[87] (2772732)
[22] 2012-03-27
[30] DE (10 2011 100 176.3) 2011-05-02

---

[11] **2,773,708**
[13] C
[51] **Int.Cl. C21D 8/02 (2006.01) C22C 38/22 (2006.01) C22C 38/26 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF AN IRON-CHROMIUM ALLOY**
[54] **PROCEDE DE PRODUCTION D'UN ALLIAGE FER-CHROME**
[72] HATTENDORF, HEIKE, DE
[72] IBAS, OSMAN, DE
[73] OUTOKUMPU VDM GMBH, DE
[85] 2012-02-23
[86] 2010-08-18 (PCT/DE2010/000975)
[87] (WO2011/026460)
[30] DE (10 2009 039 552.0) 2009-09-01

---

[11] **2,774,862**
[13] C
[51] **Int.Cl. B02C 19/00 (2006.01)**
[25] EN
[54] **PULVERIZER**
[54] **SUPER PULVERISATEUR**
[72] HUANPING, XIAO, CA
[72] QI, ZHAO, CN
[72] SUMIN, MA, CN
[72] MINGHUI, DING, CN
[72] HUANMIN, XIAO, CN
[73] HUANPING, XIAO, CA
[73] QI, ZHAO, CN
[73] SUMIN, MA, CN
[73] MINGHUI, DING, CN
[73] HUANMIN, XIAO, CN
[86] (2774862)
[87] (2774862)
[22] 2012-04-23

[11] **2,775,413**
[13] C
[51] **Int.Cl. C07D 405/06 (2006.01) A61K 31/357 (2006.01) A61P 3/06 (2006.01) C07D 405/14 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01) C07D 417/06 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF DYSLIPIDEMIA AND RELATED DISEASES**
[54] **COMPOSES POUR LE TRAITEMENT DE LA DYSLIPIDEMIE ET DE MALADIES ASSOCIEES**
[72] PINGALI, HARIKISHORE, IN
[72] KALAPATAPU, V. V. M. SAIRAM, IN
[72] MAKADIA, PANKAJ, IN
[72] JAIN, MUKUL R., IN
[73] CADILA HEALTHCARE LIMITED, IN
[85] 2012-03-26
[86] 2010-09-29 (PCT/IN2010/000650)
[87] (WO2011/051961)
[30] IN (2292/MUM/2009) 2009-10-01

[11] **2,777,580**
[13] C
[51] **Int.Cl. H04W 24/04 (2009.01) H04W 92/14 (2009.01) H04L 12/66 (2006.01) H04M 3/00 (2006.01)**
[25] EN
[54] **MOBILE COMMUNICATION METHOD, MOBILITY MANAGEMENT NODE, AND PACKET EXCHANGER**
[54] **METHODE DE COMMUNICATION MOBILE, NOEUD DE GESTION DE MOBILITE ET DISPOSITIF D'ECHANGE DE PAQUETS**
[72] NISHIDA, KATSUTOSHI, JP
[72] SUZUKI, KEISUKE, JP
[72] NARAHA, SHIN, JP
[73] NTT DOCOMO, INC., JP
[85] 2012-04-12
[86] 2010-10-15 (PCT/JP2010/068207)
[87] (WO2011/046219)
[30] JP (2009-239881) 2009-10-16

[11] **2,777,994**
[13] C
[51] **Int.Cl. B60S 5/06 (2006.01)**
[25] EN
[54] **BATTERY EXCHANGING METHOD FOR ELECTRIC VEHICLE**
[54] **METHODE DE CHANGEMENT DE BATTERIE POUR VEHICULE ELECTRIQUE**
[72] PARK, JUN SEOK, KR
[72] KIM, WON-KYU, KR
[72] PARK, HEE-JEING, KR
[72] MOON, HEE SEOK, KR
[72] CHOI, WOONGCHUL, KR
[72] JEONG, JAYIL, KR
[72] YU, CHI MAN, KR
[72] JUNG, DO YANG, KR
[72] SHIN, YONG-HARK, KR
[72] PARK, JAE-HONG, KR
[73] KOOKMIN UNIVERSITY INDUSTRY ACADEMY COOPERATION FOUNDATION, KR
[86] (2777994)
[87] (2777994)
[22] 2012-05-24
[30] KR (10-2011-0052913) 2011-06-01

[11] **2,778,755**
[13] C
[51] **Int.Cl. G07D 9/00 (2006.01) G07D 7/00 (2006.01) G07F 9/10 (2006.01)**
[25] EN
[54] **DOCUMENT HANDLER HAVING VALIDATOR DETACHABLY ATTACHED THERETO**
[54] **GESTIONNAIRE DE DOCUMENT COMPRENANT UN VALIDATEUR FIXE DE MANIERE AMOVIBLE**
[72] SEKI, TORU, JP
[73] JAPAN CASH MACHINE CO., LTD., JP
[85] 2012-04-24
[86] 2010-10-26 (PCT/JP2010/006325)
[87] (WO2011/052189)
[30] JP (2009-245957) 2009-10-26

[11] **2,779,026**
[13] C
[51] **Int.Cl. F42C 15/184 (2006.01) F42C 15/24 (2006.01) F42C 15/40 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR A FUZE OF A PROJECTILE**
[54] **DISPOSITIF DE SECURITE POUR UNE AMORCE DE PROJECTILE**
[72] KAUTZSCH, KARL, DE
[72] LAUBLE, SIEGFRIED, DE
[72] HUETTNER, ROBERT, DE
[72] SCHELLHORN, ANDREAS, DE
[73] JUNGHANS MICROTEC GMBH, DE
[85] 2012-04-26
[86] 2010-11-05 (PCT/EP2010/006743)
[87] (WO2011/072774)
[30] DE (10 2009 058 718.7) 2009-12-17

[11] **2,780,287**
[13] C
[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/437 (2006.01) A61K 31/5513 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) C07D 401/10 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **1,4-BENZODIAZEPINE-2,5-DIONES AND RELATED COMPOUNDS WITH THERAPEUTIC PROPERTIES**
[54] **1,4-BENZODIAZEPINE-2,5-DIONES ET COMPOSES APPARENTES PRESENTANT DES PROPRIETES THERAPEUTIQUES**
[72] GLICK, GARY D., US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2012-05-08
[86] 2010-11-03 (PCT/US2010/055255)
[87] (WO2011/062766)
[30] US (61/262,017) 2009-11-17

[11] **2,780,530**
[13] C
[51] **Int.Cl. H04N 7/173 (2011.01)**
[25] EN
[54] **MOSAIC APPLICATION FOR GENERATING OUTPUT UTILIZING CONTENT FROM MULTIPLE TELEVISION RECEIVERS**
[54] **APPLICATION MOSAIQUE PERMETTANT DE GENERER UNE SORTIE UTILISANT UN CONTENU TRANSMIS PAR PLUSIEURS POSTES DE TELEVISION**
[72] MORZOS, ADAM C., US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2012-05-10
[86] 2010-11-04 (PCT/US2010/055477)
[87] (WO2011/059874)
[30] US (12/618,019) 2009-11-13

[11] **2,780,793**
[13] C
[51] **Int.Cl. G01S 19/06 (2010.01) H04W 56/00 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD TO OBTAIN SIGNAL ACQUISITION ASSISTANCE DATA**
[54] **SYSTEME ET METHODE POUR OBTENIR DES DONNEES D'AIDE D'ACQUISITION DE SIGNAL**
[72] GAAL, PETER, US
[72] SHEYNBLAT, LEONID, US
[72] PATRICK, CHRISTOPHER, US
[72] RILEY, WYATT THOMAS, US
[73] QUALCOMM INCORPORATED, US
[86] (2780793)
[87] (2780793)
[22] 2004-04-02
[62] 2,522,919
[30] US (60/465,371) 2003-04-25
[30] US (60/467,258) 2003-04-30

[11] **2,781,478**
[13] C
[51] **Int.Cl. C30B 29/52 (2006.01) C22C 19/05 (2006.01)**
[25] EN
[54] **RHENIUM-FREE SINGLE CRYSTAL SUPERALLOY FOR TURBINE BLADES AND VANE APPLICATIONS**
[54] **SUPERALLIAGE MONOCRISTALLIN SANS RHENIUM POUR LES APPLICATIONS DE PALES ET AUBE FIXE DE TURBINE**
[72] HARRIS, KENNETH, US
[72] WAHL, JACQUELINE B., US
[73] CANNON MUSKEGON CORPORATION, US
[86] (2781478)
[87] (2781478)
[22] 2012-06-26
[30] US (13/298,879) 2011-11-17

[11] **2,780,788**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **PHOTOCELL CONTROLLED LED DRIVER CIRCUIT**
[54] **CIRCUIT POUR PILOTE DE DEL CONTROLE PAR PHOTOCELLULE**
[72] WU, MINGLIANG, US
[73] RAB LIGHTING, INC., US
[86] (2780788)
[87] (2780788)
[22] 2012-06-15
[30] US (61/498,238) 2011-06-17

[11] **2,781,392**
[13] C
[51] **Int.Cl. H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **CONTROLLABLE-LOAD CIRCUIT FOR USE WITH A LOAD CONTROL DEVICE**
[54] **CIRCUIT DE CHARGE REGLABLE DESTINE A ETRE UTILISE AVEC UN DISPOSITIF DE REGLAGE DE CHARGE**
[72] SALVESTRINI, CHRISTOPHER JAMES, US
[72] BEDELL, RYAN S., US
[72] HARTE, MATTHEW V., US
[73] LUTRON ELECTRONICS CO., INC., US
[85] 2012-05-18
[86] 2010-11-19 (PCT/US2010/057382)
[87] (WO2011/063205)
[30] US (61/263,204) 2009-11-20
[30] US (12/950,079) 2010-11-19

[11] **2,781,636**
[13] C
[51] **Int.Cl. G01P 15/00 (2006.01) G06F 3/0488 (2013.01) G01P 13/00 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **METHOD FOR TAP DETECTION AND FOR INTERACTING WITH A HANDHELD ELECTRONIC DEVICE, AND A HANDHELD ELECTRONIC DEVICE CONFIGURED THEREFOR**
[54] **METHODE PERMETTANT LA DETECTION D'ECOUTE TELEPHONIQUE ET L'INTERACTION AVEC UN DISPOSITIF ELECTRONIQUE PORTATIF ET DISPOSITIF ELECTRONIQUE PORTATIF A CONFIGURATION CONNEXE**
[72] ORR, KEVIN HOWARD, CA
[72] HOLBEIN, MARC EDWARD, CA
[73] BLACKBERRY LIMITED, CA
[86] (2781636)
[87] (2781636)
[22] 2010-01-29
[62] 2,691,899
[30] EP (09151800.1) 2009-01-30

[11] **2,782,276**
[13] C
[51] **Int.Cl. G01M 17/00 (2006.01) B64F 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING WHETHER PERFORMANCE OF AIRCRAFT COMPONENTS IS IN THE DECLINE PERIOD**
[54] **METHODE DE DETECTION DE LA BAISSE DE RENDEMENT DES ELEMENTS D'UN AERONEF**
[72] GU, ZHUPING, CN
[72] DING, HUIFENG, CN
[72] ZHENG, FENGLIANG, CN
[72] WU, YUBIN, CN
[72] WU, JIAJU, CN
[72] ZHU, YI, CN
[72] WANG, BINGZHENG, CN
[72] MA, HONGTAO, CN
[72] HUANG, LEI, CN
[73] AIR CHINA LIMITED, CN
[86] (2782276)
[87] (2782276)
[22] 2012-07-06
[30] CN (201110189470.3) 2011-07-07

[11] **2,782,487**
[13] C
[51] **Int.Cl. A01N 57/20 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING GLYPHOSATE FOR TOLERANT OR RESISTANT SOYBEAN CROPS**
[54] **COMPOSITIONS HERBICIDES COMPORTANT DU GLYPHOSATE POUR LES CULTURES DE SOYA TOLERANTES OU RESISTANTES**
[72] HACKER, ERWIN, DE
[72] BIERINGER, HERMANN, DE
[72] WILLMS, LOTHAR, DE
[73] BAYER CROPSCIENCE AG, DE
[86] (2782487)
[87] (2782487)
[22] 1999-08-10
[62] 2,340,185
[30] DE (198 36 660.4) 1998-08-13

[11] **2,784,110**
[13] C
[51] **Int.Cl. A61B 17/11 (2006.01) A61B 18/14 (2006.01) A61B 17/064 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL SYSTEM FOR CONNECTING BODY TISSUE AND PROCESS FOR CUTTING PROTRUDING TISSUE**
[54] **SYSTEME CHIRURGICAL POUR RELIER DES TISSUS CORPORELS ET PROCEDE POUR SECTIONNER UN TISSU EN SAILLIE**
[72] WEISSHAUPT, DIETER, DE
[72] KELLER, ANTON, DE
[72] ROTHWEILER, CHRISTOPH, DE
[73] AESCULAP AG, DE
[85] 2012-06-12
[86] 2010-12-17 (PCT/EP2010/070017)
[87] (WO2011/083026)
[30] DE (10 2009 059 195.8) 2009-12-17

[11] **2,784,775**
[13] C
[51] **Int.Cl. F42C 17/04 (2006.01) F41A 21/32 (2006.01) F42C 11/00 (2006.01) G01P 3/66 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROGRAMMING A PROJECTILE**
[54] **PROCEDE ET DISPOSITIF POUR PROGRAMMER UN PROJECTILE**
[72] FRICK, HENRY ROGER, CH
[73] RHEINMETALL AIR DEFENCE AG, CH
[85] 2012-06-15
[86] 2011-01-28 (PCT/EP2011/000388)
[87] (WO2011/092022)
[30] DE (10 2010 006 528.5) 2010-02-01

[11] **2,784,993**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 84/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COMMUNICATION IN A WIRELESS LAN SYSTEM**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION DANS UN SYSTEME LAN SANS FIL**
[72] NOH, YU JIN, KR
[72] SEOK, YONG HO, KR
[72] KIM, BONG HOE, KR
[72] LEE, DAE WON, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-06-18
[86] 2011-04-13 (PCT/KR2011/002646)
[87] (WO2011/129618)
[30] US (61/323,866) 2010-04-13
[30] US (61/325,382) 2010-04-19
[30] US (61/326,647) 2010-04-21

[11] **2,785,230**
[13] C
[51] **Int.Cl. H04N 19/154 (2014.01) H04N 19/124 (2014.01) H04N 19/176 (2014.01) H04N 19/182 (2014.01) H04N 19/587 (2014.01) H04N 19/59 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING REPRODUCTION ACCURACY OF DECOMPRESSED VIDEO**
[54] **PROCEDE ET APPAREIL DE DETERMINATION DE PRECISION DE REPRODUCTION DE VIDEO DECOMPRESSEE**
[72] BEKIARES, TYRONE D., US
[72] ISHTIAQ, FAISAL, US
[72] TINE, STEVEN D., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2012-06-21
[86] 2010-12-06 (PCT/US2010/059062)
[87] (WO2011/081786)
[30] US (12/648,274) 2009-12-28

[11] **2,785,578**
[13] C
[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/66 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DENTIFRICE COMPOSITIONS COMPRISING CARBOXYPEPTIDASE**
[54] **COMPOSITIONS DE DENTIFRICE COMPRENANT UNE CARBOXYPEPTIDASE**
[72] SHASTRY, RAMACHANDRA, US
[72] MASTERS, JAMES GERARD, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2012-06-22
[86] 2011-01-14 (PCT/US2011/021385)
[87] (WO2011/088383)
[30] US (61/294,851) 2010-01-14

---

[11] **2,785,618**
[13] C
[51] **Int.Cl. C07D 239/28 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **PYRIMIDINE COMPOUNDS AS MTOR AND PI3K INHIBITORS**
[54] **COMPOSES DE PYRIMIDINE EN TANT QU'INHIBITEURS DE MTOR ET PI3K**
[72] KUO, MANN-YAN, TW
[72] LEE, YING-SHUAN, TW
[72] CHEN, PAONIEN, TW
[72] CHEN, LI JUNG, TW
[72] LU, YANN YU, TW
[72] HUANG, YI-TING, TW
[72] HSU, HUNG-YI, TW
[72] TSAI, PING-KUEI, TW
[73] DEVELOPMENT CENTER FOR BIOTECHNOLOGY, TW
[73] DCB-USA LLC, US
[85] 2012-06-26
[86] 2010-12-27 (PCT/IB2010/003347)
[87] (WO2011/080568)
[30] US (61/290,437) 2009-12-28

---

[11] **2,786,221**
[13] C
[51] **Int.Cl. B64D 31/04 (2006.01)**
[25] FR
[54] **DEVICE FOR CONTROLLING AN ON-BOARD APPARATUS**
[54] **DISPOSITIF DE COMMANDE D'UN EQUIPEMENT EMBARQUE**
[72] MAGNAN, SEBASTIEN, FR
[72] WEIBEL, JEAN-FRANCOIS, FR
[72] GOUZE, PHILIPPE, FR
[73] SAGEM DEFENSE SECURITE, FR
[85] 2012-06-29
[86] 2011-01-20 (PCT/EP2011/000214)
[87] (WO2011/089002)
[30] FR (1050458) 2010-01-25

---

[11] **2,786,997**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01)**
[25] EN
[54] **WATER WASH METHOD AND SYSTEM FOR A CARBON DIOXIDE CAPTURE PROCESS**
[54] **PROCEDE ET SYSTEME DE LAVAGE A L'EAU POUR UN PROCEDE DE CAPTURE DE DIOXYDE DE CARBONE**
[72] BABURAO, BARATH, US
[72] PONTBRIAND, MICHAEL W., US
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2012-07-12
[86] 2011-01-10 (PCT/US2011/020631)
[87] (WO2011/087972)
[30] US (61/294,971) 2010-01-14
[30] US (12/985,613) 2011-01-06

---

[11] **2,787,084**
[13] C
[51] **Int.Cl. C08L 23/06 (2006.01) C08J 5/18 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **THIN FOAMED POLYETHYLENE SHEETS**
[54] **FEUILLES MINCES DE POLYETHYLENE EXPANSE**
[72] MARTINEZ, FELIPE, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[86] (2787084)
[87] (2787084)
[22] 2004-06-30
[62] 2,531,557
[30] US (60/485,292) 2003-07-07

---

[11] **2,787,282**
[13] C
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **CONNECTOR FOR MOUNTING SCREEN TO BASE PIPE WITHOUT WELDING OR SWAGING**
[54] **CONNECTEUR POUR LE MONTAGE D'UNE CREPINE DANS UN TUYAU DE BASE SANS SOUDAGE OU EMBOUTISSAGE**
[72] GAUDETTE, SEAN L., US
[72] BARNARD, JASON J., US
[72] LYNDE, GERALD D., US
[72] BALCAZAR, OMAR H., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-07-16
[86] 2011-01-17 (PCT/US2011/021480)
[87] (WO2011/090916)
[30] US (12/689,820) 2010-01-19

---

[11] **2,787,447**
[13] C
[51] **Int.Cl. A43B 23/02 (2006.01) A43B 7/12 (2006.01) A43B 9/02 (2006.01)**
[25] EN
[54] **SHAFT ARRANGEMENT FOR FOOTWEAR AND FOOTWEAR COMPRISING SAME**
[54] **ENSEMBLE DE TIGE POUR CHAUSSURE ET CHAUSSURE COMPORTANT UN TEL ENSEMBLE**
[72] PEIKERT, MARK, DE
[73] W.L. GORE & ASSOCIATES GMBH, DE
[85] 2012-07-18
[86] 2011-01-26 (PCT/EP2011/051013)
[87] (WO2011/092172)
[30] DE (10 2010 006 150.6) 2010-01-29

[11] **2,788,161**
[13] C
[51] **Int.Cl. B60R 7/04 (2006.01) B60K 28/02 (2006.01) B60R 11/00 (2006.01)**
[25] EN
[54] **CONCEALMENT APPARATUS FOR IGNITION INTERLOCK DEVICES**
[54] **DISPOSITIF DE DISSIMULATION POUR ANTIDEMARREUR**
[72] SAUNDERS, BARRY, US
[73] SAUNDERS, BARRY, US
[86] (2788161)
[87] (2788161)
[22] 2012-08-29
[30] US (61/533,352) 2011-09-12
[30] US (13/249,592) 2011-09-30
[30] US (29/416,713) 2012-03-26

---

[11] **2,788,735**
[13] C
[51] **Int.Cl. F41A 21/32 (2006.01) F42C 11/00 (2006.01) F42C 17/04 (2006.01) G01P 3/66 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING ENERGY TO A PROJECTILE**
[54] **PROCEDE ET DISPOSITIF POUR TRANSMETTRE DE L'ENERGIE A UN PROJECTILE**
[72] FRICK, HENRY ROGER, CH
[73] RHEINMETALL AIR DEFENCE AG, CH
[85] 2012-07-31
[86] 2011-01-28 (PCT/EP2011/000390)
[87] (WO2011/092024)
[30] DE (10 2010 006 529.3) 2010-02-01

---

[11] **2,789,712**
[13] C
[51] **Int.Cl. E06B 3/677 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **WINDOW COMPONENT SYSTEM INCLUDING PUSHER FOR SCRAP REMOVAL**
[54] **SYSTEME DE COMPOSANT DE FENETRE COMPRENANT UN POUSSEUR POUR L'ENLEVEMENT DE REBUTS**
[72] JAMES, BRIAN G., US
[72] SHEPHERD, ROBERT R., II, US
[73] GED INTEGRATED SOLUTIONS, INC., US
[86] (2789712)
[87] (2789712)
[22] 2005-05-12
[62] 2,507,308
[30] US (60/614,314) 2004-09-29
[30] US (60/619,084) 2004-10-15
[30] US (11/085,769) 2005-03-21

---

[11] **2,790,105**
[13] C
[51] **Int.Cl. B01D 46/44 (2006.01) B01D 46/02 (2006.01)**
[25] EN
[54] **FILTER SYSTEM**
[54] **SYSTEME DE FILTRATION**
[72] ANDERSSON, RUNE STEN, SE
[72] HJELMBERG, ANDERS ERIK MARTIN, SE
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2012-08-16
[86] 2011-01-25 (PCT/IB2011/000114)
[87] (WO2011/101715)
[30] EP (10153962.5) 2010-02-18

---

[11] **2,790,926**
[13] C
[51] **Int.Cl. G09F 3/02 (2006.01) B32B 38/14 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **RESEALABLE MULTI-PLY LABEL CONSTRUCTION**
[54] **CONSTRUCTION D'ETIQUETTES MULTICOUCHE REUTILISABLES**
[72] ZIETLOW, ROBERT C., US
[72] YOUNG, PATRICK A., US
[73] WS PACKAGING GROUP, INC., US
[85] 2012-08-23
[86] 2010-10-19 (PCT/US2010/053177)
[87] (WO2011/112215)
[30] US (12/722,229) 2010-03-11

---

[11] **2,792,156**
[13] C
[51] **Int.Cl. B66C 1/22 (2006.01) B66C 1/68 (2006.01) B66C 23/36 (2006.01) H02G 1/02 (2006.01)**
[25] EN
[54] **CABLE CATCHER**
[54] **DISPOSITIF D'ACCROCHAGE DE CABLES**
[72] MUSSELMAN, KEN, CA
[73] MAMMOET CANADA HOLDINGS INC., CA
[86] (2792156)
[87] (2792156)
[22] 2012-10-15
[30] US (13/648,405) 2012-10-10

---

[11] **2,792,541**
[13] C
[51] **Int.Cl. A61M 5/172 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **VARIABLE FLOW INFUSION PUMP SYSTEM**
[54] **SYSTEME DE POMPES A PERFUSION A DEBIT VARIABLE**
[72] STEINBACH, BERND, DE
[72] WALLMANN, FRANK, DE
[72] LEDERER, KLAUS G., US
[72] SAAR, DAVID, US
[72] DAVID, SIDNEY, US
[73] PALYON MEDICAL (BVI) LIMITED, VG
[86] (2792541)
[87] (2792541)
[22] 2007-11-15
[62] 2,670,146
[30] US (11/601,586) 2006-11-17

---

[11] **2,792,708**
[13] C
[51] **Int.Cl. E04H 7/22 (2006.01) A01F 25/16 (2006.01)**
[25] EN
[54] **PORTABLE SILO WITH SOLAR POWERED ACTUATORS**
[54] **SILO PORTATIF AVEC ACTIONNEURS PAR ENERGIE SOLAIRE**
[72] FRIESEN, HENRY, CA
[72] BOSCHMANN, HANK, CA
[73] FB INDUSTRIES INC., CA
[86] (2792708)
[87] (2792708)
[22] 2012-10-01

[11] **2,793,776**
[13] C
[51] **Int.Cl. A01K 39/01 (2006.01) A01K 39/012 (2006.01)**
[25] EN
[54] **POULTRY FEEDER**
[54] **MANGEOIRE POUR LA VOLAILLE**
[72] COLE, THEODORE J., US
[72] KREGER, LIONEL L., US
[72] KRAFT, JAMES R., US
[72] WILFONG, PHILIP, US
[73] CTB, INC., US
[86] (2793776)
[87] (2793776)
[22] 2003-06-05
[62] 2,721,236
[30] US (60/391,731) 2002-06-26

---

[11] **2,795,818**
[13] C
[51] **Int.Cl. E21B 33/14 (2006.01)**
[25] EN
[54] **MANAGED PRESSURE CEMENTING**
[54] **CIMENTATION PAR PRESSION**
[72] HANNEGAN, DON M., US
[72] PENA, CESAR, US
[72] PAVEL, DAVID, US
[72] GRAYSON, MICHAEL BRIAN, US
[72] BOUTALBI, SAID, US
[72] COOPER, TODD DOUGLAS, US
[72] DUNN, TIMOTHY P., US
[72] ZAMORA, FRANK, JR., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2795818)
[87] (2795818)
[22] 2012-11-14
[30] US (61/560,500) 2011-11-16

---

[11] **2,796,019**
[13] C
[51] **Int.Cl. B65D 81/34 (2006.01) A23B 7/01 (2006.01) A23L 3/01 (2006.01) B65B 25/04 (2006.01) B65B 55/16 (2006.01) B65D 75/12 (2006.01) B65D 85/34 (2006.01)**
[25] FR
[54] **BAG FOR FRUIT AND METHOD FOR PREPARING FRUIT CUT INTO PIECES IN ORDER TO PRESERVE IT IN THE MEDIUM TERM**
[54] **SACHET DE FRUITS ET PROCEDE D'ELABORATION DE FRUITS COUPES EN MORCEAUX POUR LEUR CONSERVATION A MOYEN TERME**
[72] BEAUMONT, LAURENT, FR
[73] BEAUMONT, LAURENT, FR
[85] 2012-10-10
[86] 2011-04-04 (PCT/FR2011/050752)
[87] (WO2011/128553)
[30] FR (1052905) 2010-04-16
[30] FR (1152669) 2011-03-31

---

[11] **2,796,161**
[13] C
[51] **Int.Cl. C07D 495/20 (2006.01) A61K 31/444 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **SPIROPIPERIDINE COMPOUNDS AS ORL-1 RECEPTOR ANTAGONISTS**
[54] **COMPOSES DE SPIROPIPERIDINE EN TANT QU'ANTAGONISTES DE RECEPTEUR ORL-1**
[72] BENITO COLLADO, ANA BELEN, ES
[72] DIAZ BUEZO, NURIA, ES
[72] JIMENEZ-AGUADO, ALMA MARIA, ES
[72] LAFUENTE BLANCO, CELIA, ES
[72] MARTINEZ-GRAU, MARIA ANGELES, ES
[72] PEDREGAL-TERCERO, CONCEPCION, ES
[72] TOLEDO ESCRIBANO, MIGUEL ANGEL, ES
[73] ELI LILLY AND COMPANY, US
[85] 2012-10-11
[86] 2010-11-10 (PCT/US2010/056180)
[87] (WO2011/060035)
[30] EP (09382246.8) 2009-11-16
[30] US (61/298,629) 2010-01-27

---

[11] **2,796,523**
[13] C
[51] **Int.Cl. B41L 47/26 (2006.01) B41L 21/02 (2006.01) B65H 5/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT TO PRINT TO STRIP-SHAPED PRINT MEDIA**
[54] **ARRANGEMENT D'IMPRESSION SUR UN SUPPORT D'IMPRESSION EN BANDE**
[72] HANTEL, ULRICH, DE
[72] MUHL, WOLFGANG, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
[86] (2796523)
[87] (2796523)
[22] 2012-11-20
[30] DE (20 2011 108 254.0) 2011-11-24

---

[11] **2,798,507**
[13] C
[51] **Int.Cl. G09G 5/373 (2006.01) G06F 3/0484 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **INPUT POINTER DELAY AND ZOOM LOGIC**
[54] **LOGIQUE DE TEMPORISATION ET D'EFFET ZOOM DU POINTEUR D'ENTREE**
[72] MANDIC, MIRKO, US
[72] ENS, MICHAEL J., US
[72] ROGERS, JUSTIN E., US
[72] RAKOW, MATTHEW A., US
[72] ROSSI, JACOB S., US
[72] KIM, JANE T., US
[72] ROBERTS, SANDRA G., US
[72] PRAKASH, SIDDHARTHA, US
[73] MICROSOFT CORPORATION, US
[86] (2798507)
[87] (2798507)
[22] 2012-01-06
[62] 2,763,276

[11] **2,798,849**
[13] C
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND MACHINE-READABLE STORAGE MEDIA FOR INTERFACING WITH A COMPUTER FLIGHT SYSTEM**
[54] **SYSTEMES, PROCEDES ET SUPPORTS DE STOCKAGE LISIBLES PAR MACHINE POUR FORMER L'INTERFACAGE AVEC UN SYSTEME INFORMATIQUE DE GESTION DES VOLS**
[72] MAGUIRE, MATTHEW R., US
[72] SMITH, BARRY C., US
[72] DWYER, RONALD J., US
[73] ONE JET, INC., US
[85] 2012-11-07
[86] 2011-05-10 (PCT/US2011/035916)
[87] (WO2011/143212)
[30] US (61/333,452) 2010-05-11

[11] **2,799,191**
[13] C
[51] **Int.Cl. C08K 5/00 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **SUBSTANTIALLY DEFECT-FREE SOUND AND VIBRATION DAMPING COATING**
[54] **REVETEMENT D'AMORTISSEMENT DES SONS ET DES VIBRATIONS SENSIBLEMENT EXEMPT DE DEFAUTS**
[72] DESAI, UMESH C., US
[72] SWARUP, SHANTI, US
[72] RAGUNATHAN, KALIAPPA G., US
[72] PCOLINSKY, PAUL, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2012-11-09
[86] 2011-05-10 (PCT/US2011/035852)
[87] (WO2011/143167)
[30] US (12/779,985) 2010-05-14

[11] **2,799,491**
[13] C
[51] **Int.Cl. A61K 31/197 (2006.01) A61K 33/06 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61P 33/06 (2006.01)**
[25] EN
[54] **ANTIMALARIAL DRUG WHICH CONTAINS 5-AMINOLEVULINIC ACID OR DERIVATIVE THEREOF AS ACTIVE INGREDIENT**
[54] **MEDICAMENT ANTIPALUDEEN QUI CONTIENT DE L'ACIDE 5-AMINOLEVULINIQUE OU UN DERIVE EN TANT QUE PRINCIPE ACTIF**
[72] TANAKA, TOHRU, JP
[72] KAWATA, SATOFUMI, JP
[72] KOHDA, TAKEO, JP
[72] NAKAJIMA, MOTOWO, JP
[72] KITA, KIYOSHI, JP
[73] SBI PHARMACEUTICALS CO., LTD., JP
[73] THE UNIVERSITY OF TOKYO, JP
[85] 2012-11-14
[86] 2011-05-18 (PCT/JP2011/002770)
[87] (WO2011/145343)
[30] JP (2010-115721) 2010-05-19

[11] **2,799,550**
[13] C
[51] **Int.Cl. A61K 47/40 (2006.01) A61K 9/19 (2006.01) A61K 31/366 (2006.01) A61K 31/40 (2006.01) A61K 31/4418 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **STABILIZED STATIN FORMULATIONS**
[54] **FORMULATIONS STABILISEES DE STATINE**
[72] PAVLIV, LEO, US
[72] VILA, ANDREW, US
[73] CUMBERLAND PHARMACEUTICALS, INC., US
[85] 2012-10-15
[86] 2011-04-06 (PCT/US2011/031388)
[87] (WO2011/130079)
[30] US (12/762,025) 2010-04-16

[11] **2,799,668**
[13] C
[51] **Int.Cl. E02D 17/20 (2006.01) E02D 3/00 (2006.01)**
[25] EN
[54] **TIRE GEOREINFORCING SYSTEM**
[54] **SYSTEME DE GEORENFORCEMENT AU MOYEN DE PNEUS**
[72] MERRILL, MICHAEL J., US
[73] ARMATERRA, INC., US
[85] 2012-11-14
[86] 2011-05-17 (PCT/US2011/036892)
[87] (WO2011/146545)
[30] US (61/345,526) 2010-05-17

[11] **2,800,168**
[13] C
[51] **Int.Cl. F04C 2/107 (2006.01)**
[25] EN
[54] **UNIAXIAL ECCENTRIC SCREW PUMP**
[54] **POMPE A VIS EXCENTRIQUE UNIAXE**
[72] HASHIMA, TAKASHI, JP
[72] OGAWA, MASAKI, JP
[73] HEISHIN LTD., JP
[73] NETZSCH PUMPEN & SYSTEME GMBH, DE
[85] 2012-11-21
[86] 2011-05-23 (PCT/JP2011/061711)
[87] (WO2011/155312)
[30] JP (2010-130396) 2010-06-07

[11] **2,800,901**
[13] C
[51] **Int.Cl. A23K 3/00 (2006.01) A23K 1/16 (2006.01) A23P 1/08 (2006.01)**
[25] EN
[54] **POLYSILOXANE (SILICONE) TREATMENT COMPOSITION FOR SUPPRESSION OF MOLD AND SPOILAGE ON ANIMAL FEED AND FORAGE, AND METHODS OF USING SAME**
[54] **COMPOSITION DE TRAITEMENT A BASE DE POLYSILOXANE (SILICONE) DESTINEE A SUPPRIMER LA MOISISSURE ET LA DETERIORATION D'ALIMENTS ET DE FOURRAGES POUR ANIMAUX, ET PROCEDES D'UTILISATION DE CELLE-CI**
[72] FOLKMAN, MARK L., US
[73] FOLKMAN, MARK L., US
[85] 2012-11-27
[86] 2010-05-28 (PCT/US2010/036745)
[87] (WO2011/014295)
[30] US (61/349,190) 2010-05-27
[30] US (61/230207) 2009-07-31

[11] **2,800,957**
[13] C
[51] **Int.Cl. H01L 21/48 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR SUBSTRATE HAVING COPPER/DIAMOND COMPOSITE MATERIAL AND METHOD OF MAKING SAME**
[54] **SUBSTRAT A SEMI-CONDUCTEUR PRESENTANT UN MATERIAU COMPOSITE EN CUIVRE/DIAMANT ET SON PROCEDE DE PRODUCTION**
[72] MCCOY, JOHN WASHINGTON, US
[73] KYOCERA AMERICA, INC., US
[86] (2800957)
[87] (2800957)
[22] 2003-10-24
[62] 2,505,593
[30] US (10/291,126) 2002-11-07

[11] **2,801,273**
[13] C
[51] **Int.Cl. B63G 8/00 (2006.01)**
[25] EN
[54] **TELESCOPIC SUBMARINE**
[54] **SOUS-MARIN TELESCOPIQUE**
[72] CHEN, JIASHAN, CN
[73] SHANGHAI ZHIJING BIOLOGICAL TECHNOLOGY CO., LTD., CN
[85] 2012-11-30
[86] 2011-05-30 (PCT/CN2011/074845)
[87] (WO2011/150786)
[30] CN (201020209349.3) 2010-05-31

[11] **2,801,908**
[13] C
[51] **Int.Cl. F04B 49/06 (2006.01) E04H 4/12 (2006.01) F04B 17/03 (2006.01) F04B 49/20 (2006.01) F04D 13/06 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **CONTROL ALGORITHM OF VARIABLE SPEED PUMPING SYSTEM**
[54] **ALGORITHME DU CONTROLE D'UN SYSTEME DE POMPAGE A VITESSE VARIABLE**
[72] STILES, ROBERT W., US
[72] BERTHELSEN, LAS HOFFMAN, DK
[72] ROBOL, RONALD B., US
[72] YAHNKER, CHRISTOPHER R., US
[72] COX, EVERETT, US
[72] STEEN, DONALD, US
[72] MURPHY, KEVIN, US
[72] WOODCOCK, WALTER J., JR., US
[72] HRUBY, DANIEL J., US
[72] RASMUSSEN, PETER WESTERMANN, DK
[72] KJAER, GERT, DK
[72] RUNARSSON, EINAR KJARTAN, DK
[72] HANSEN, ARNE FINK, DK
[72] MORANDO, ALBERTO, DK
[72] LUNGEANU, FLORIN, DK
[72] HARVEST, NILS OLE, DK
[73] PENTAIR WATER POOL AND SPA, INC., US
[73] DANFOSS LOW POWER DRIVES, A DIVISION OF DANFOSS DRIVES A/S, DK
[86] (2801908)
[87] (2801908)
[22] 2005-11-29
[62] 2,528,580
[30] US (11/286,888) 2005-11-23

[11] **2,802,150**
[13] C
[51] **Int.Cl. C11C 5/00 (2006.01) A61F 11/00 (2006.01)**
[25] EN
[54] **EAR CANDLE**
[54] **BOUGIE AURICULAIRE**
[72] LESCHIK, UDO, DE
[73] LESCHIK, UDO, DE
[85] 2012-12-10
[86] 2011-11-08 (PCT/EP2011/069683)
[87] (WO2012/062774)
[30] EP (10190810.1) 2010-11-11

[11] **2,802,238**
[13] C
[51] **Int.Cl. A61F 11/04 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **EAR IMPLANT ELECTRODE AND METHOD OF MANUFACTURE**
[54] **ELECTRODE D'IMPLANT AUDITIF ET PROCEDE DE FABRICATION**
[72] RAMACHANDRAN, ANUP, AT
[72] NIELSEN, STEFAN B., AT
[72] JOLLY, CLAUDE, AT
[72] ZIMMERLING, MARTIN, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2012-12-10
[86] 2011-06-30 (PCT/US2011/042555)
[87] (WO2012/003295)
[30] US (61/359,928) 2010-06-30

[11] **2,802,443**
[13] C
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 9/127 (2006.01) A61P 31/00 (2006.01) A61P 31/06 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **VACCINE COMPOSITIONS BASED ON STICHOLYSIN ENCAPSULATED IN LIPOSOMES**
[54] **COMPOSITIONS VACCINALES A BASE DE STICHOLYSINE ENCAPSULEE DANS DES LIPOSOMES**
[72] FERNANDEZ MOLINA, LUIS ENRIQUE, CU
[72] LANIO RUIZ, MARIA ELIANA, CU
[72] LABORDE QUINTANA, RADY JUDITH, CU
[72] CRUZ LEAL, YOELYS, CU
[72] LUZARDO LORENZO, MARIA DEL CARMEN, CU
[72] MESA PARDILLO, CIRCE, CU
[72] ALVAREZ VALCARCEL, CARLOS MANUEL, CU
[72] PAZOS SANTOS, ISABEL FABIOLA, CU
[72] TEJUCA MARTINEZ, MAYRA, CU
[72] VALLE GARAY, AISEL, CU
[72] ALONSO BIOSCA, MARIA EUGENIA, CU
[72] CANET SANTOS, LIEM, CU
[73] CENTRO DE INMUNOLOGIA MOLECULAR, CU
[85] 2012-12-12
[86] 2011-07-05 (PCT/CU2011/000004)
[87] (WO2012/003814)
[30] CU (CU/P/2010/144) 2010-07-06

[11] **2,803,117**
[13] C
[51] **Int.Cl. A46B 9/02 (2006.01) A46B 9/06 (2006.01)**
[25] EN
[54] **BRUSH WITH ALTERNATE ROWS OF ANGLED TUFTS**
[54] **BROSSE A RANGEES ALTERNEES DE TOUFFES INCLINEES**
[72] LAMBERTSON, MICHAEL C., JR., US
[72] BUCKEL, CHARLES T., JR., US
[72] DE RENZO, DENNIS P., JR., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2012-12-18
[86] 2011-06-24 (PCT/US2011/001137)
[87] (WO2012/015464)
[30] US (61/358,693) 2010-06-25

[11] **2,804,675**
[13] C
[51] **Int.Cl. B64D 33/00 (2006.01) B25B 11/00 (2006.01) B64F 5/00 (2006.01) F02C 7/20 (2006.01)**
[25] FR
[54] **INTERFACE AND MOUNTING PROCESS BETWEEN AN ITEM OF EQUIPMENT AND A ROTARY DRIVE SOURCE FOR AN ENGINE GROUP EQUIPING A ROTORCRAFT**
[54] **INTERFACE ET PROCEDE DE MONTAGE ENTRE UN EQUIPEMENT ET UNE SOURCE MOTRICE TOURNANTE D'UN GROUPE DE MOTORISATION EQUIPANT UN GIRAVION**
[72] CATTEAU, JEAN-SEBASTIEN, FR
[72] MERZOUD, MANIL, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2804675)
[87] (2804675)
[22] 2013-01-31
[30] FR (12 00355) 2012-02-07

[11] **2,805,002**
[13] C
[51] **Int.Cl. B65D 85/808 (2006.01)**
[25] EN
[54] **TEABAGS AND COMPONENTS OF BI-COMPONENT AND MONO-COMPONENT PLA AND CO-PLA FIBERS**
[54] **SACHETS DE THES ET COMPOSANTS DE FIBRES PLA ET CO-PLA A UN ET DEUX COMPOSANTS**
[72] FOSS, STEPHEN W., US
[72] TURRA, JEAN-MARIE, US
[73] NONWOVEN NETWORK LLC, US
[85] 2013-01-09
[86] 2011-08-25 (PCT/US2011/049085)
[87] (WO2012/027539)
[30] US (61/376,845) 2010-08-25
[30] US (12/971,505) 2010-12-17

[11] **2,805,069**
[13] C
[51] **Int.Cl. C23D 5/00 (2006.01) C09K 15/02 (2006.01) C21D 1/70 (2006.01)**
[25] EN
[54] **ANTIOXIDANT AGENT, PROCESS FOR PRODUCING ANTIOXIDANT AGENT, AND PROCESS FOR PRODUCING METALLIC MATERIAL**
[54] **AGENT ANTIOXYDANT, PROCEDE POUR LA PRODUCTION D'UN AGENT ANTIOXYDANT ET PROCEDE POUR LA PRODUCTION D'UN MATERIAU METALLIQUE**
[72] SHIMODA, KAZUHIRO, JP
[72] YAMAKAWA, TOMIO, JP
[72] MURAMATSU, KOJI, JP
[72] INOUE, YUJI, JP
[72] NISHIMORI, JUNICHI, JP
[72] HIDAKA, YASUYOSHI, JP
[72] MATSUMOTO, KEISHI, JP
[72] KATO, TAKAHISA, JP
[72] AKIYAMA, SHUICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-01-02
[86] 2011-07-13 (PCT/JP2011/066008)
[87] (WO2012/008501)
[30] JP (2010-162159) 2010-07-16

[11] **2,805,336**
[13] C
[51] **Int.Cl. F25J 3/06 (2006.01) B01D 53/00 (2006.01) C01B 31/20 (2006.01)**
[25] EN
[54] **ENERGY EFFICIENT PRODUCTION OF CO2 USING SINGLE STAGE EXPANSION AND PUMPS FOR ELEVATED EVAPORATION**
[54] **PRODUCTION ECOENERGETIQUE DE CO2 UTILISANT LA DILATATION A ETAGE SIMPLE ET DES POMPES POUR UNE EVAPORATION ELEVEE**
[72] STALLMAN, OLAF, DE
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-01-14
[86] 2011-06-22 (PCT/IB2011/001471)
[87] (WO2012/007808)
[30] EP (10007269.3) 2010-07-14

[11] **2,807,023**
[13] C
[51] **Int.Cl. C08H 1/00 (2006.01) A61K 8/65 (2006.01) A61K 38/00 (2006.01) C08J 3/14 (2006.01) C08L 89/00 (2006.01)**
[25] EN
[54] **COLLAGEN POWDER AND/OR COLLAGEN-DERIVED POWDER, AND PRODUCTION METHOD FOR THE SAME**
[54] **POUDRE DE COLLAGENE ET/OU POUDRE DERIVEE DE COLLAGENE, ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] TANAKA, KEISUKE, JP
[72] OGURA, TAKAYUKI, JP
[72] HATTORI, SHUNJI, JP
[72] MATSUDA, KOICHI, JP
[72] KOBAYASHI, YOSHIKATSU, JP
[72] OI, SHOJI, JP
[73] NIPPI, INCORPORATED, JP
[85] 2013-01-29
[86] 2011-07-29 (PCT/JP2011/067556)
[87] (WO2012/015055)
[30] JP (2010-172699) 2010-07-30
[30] JP (2010-172698) 2010-07-30

[11] **2,807,597**
[13] C
[51] **Int.Cl. B01D 39/14 (2006.01) B01D 39/20 (2006.01) B01D 46/00 (2006.01) B01D 53/00 (2006.01)**
[25] EN
[54] **ANISOTROPIC FILTRATION MEDIA AND METHOD OF MAKING**
[54] **MILIEU DE FILTRATION ANISOTROPE ET SON PROCEDE DE FABRICATION**
[72] CARREJO, NICHOLAS, US
[72] JOHNSON, MICHAEL H., US
[72] GUEST, RANDALL V., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-02-05
[86] 2011-09-29 (PCT/US2011/053964)
[87] (WO2012/044810)
[30] US (12/894,957) 2010-09-30

[11] **2,809,159**
[13] C
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 19/16 (2006.01) E21B 21/12 (2006.01)**
[25] EN
[54] **CONTINUOUS FLOW DRILLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FORAGE EN FLUX CONTINU**
[72] IBLINGS, DAVID, US
[72] BAILEY, THOMAS F., US
[72] BANSAL, R.K., US
[72] STEINER, ADRIAN, CA
[72] LYNCH, MICHAEL, US
[72] HARRALL, SIMON J., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2809159)
[87] (2809159)
[22] 2008-07-25
[62] 2,694,482
[30] US (60/952,539) 2007-07-27
[30] US (60/973,434) 2007-09-18

[11] **2,810,123**
[13] C
[51] **Int.Cl. C01B 33/02 (2006.01) H01M 4/134 (2010.01) H01M 4/1395 (2010.01) C30B 29/06 (2006.01) C30B 29/60 (2006.01) H01M 4/02 (2006.01) H01M 4/04 (2006.01) H01M 4/38 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MAKING SILICON ELECTROACTIVE POROUS PARTICLE FRAGMENTS**
[54] **COMPOSITIONS ET PROCEDES DE FABRICATION DE FRAGMENTS PARTICULAIRES POREUX ELECTROACTIFS COMPRENANT DU SILICIUM**
[72] RAYNER, PHILIP JOHN, GB
[72] LOVERIDGE, MELANIE J., GB
[73] NEXEON LIMITED, GB
[85] 2013-03-01
[86] 2011-09-02 (PCT/GB2011/001298)
[87] (WO2012/028857)
[30] GB (1014706.4) 2010-09-03

[11] **2,810,132**
[13] C
[51] **Int.Cl. C01B 25/45 (2006.01) H01M 4/58 (2010.01)**
[25] EN
[54] **METHOD FOR PRODUCING LITHIUM METAL PHOSPHATE**
[54] **PROCEDE DE PRODUCTION DE PHOSPHATE DE METAL-LITHIUM**
[72] SHIRAKAWA, AKIHIKO, JP
[72] KABE, ISAO, JP
[72] TONEGAWA, AKIHISA, JP
[73] SHOWA DENKO K.K., JP
[85] 2013-03-01
[86] 2011-09-02 (PCT/JP2011/004948)
[87] (WO2012/029329)
[30] JP (2010-198303) 2010-09-03

[11] **2,811,358**
[13] C
[51] **Int.Cl. C09D 5/18 (2006.01) C09D 7/12 (2006.01) C09D 175/04 (2006.01) E04B 1/94 (2006.01)**
[25] EN
[54] **FIRE RESISTANT WOOD PRODUCTS**
[54] **PRODUITS LIGNEUX RESISTANTS AU FEU**
[72] WINTEROWD, JACK G., US
[72] ROBAK, GLEN, US
[73] WEYERHAEUSER NR COMPANY, US
[85] 2013-03-13
[86] 2012-06-18 (PCT/US2012/042977)
[87] (WO2013/003097)
[30] US (13/172,419) 2011-06-29

[11] **2,813,578**
[13] C
[51] **Int.Cl. C08G 18/16 (2006.01) C08G 18/38 (2006.01) C08G 18/40 (2006.01) C08G 18/46 (2006.01) C08G 18/50 (2006.01) C08G 18/62 (2006.01) C08G 18/79 (2006.01) C08G 63/87 (2006.01) C09D 167/06 (2006.01) C09D 175/02 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITIONS AND METHODS OF CATALYZING CHEMICAL REACTIONS**
[54] **COMPOSITIONS DURCISSABLES ET PROCEDES DE CATALYSE DE REACTIONS CHIMIQUES**
[72] ZALICH, MICHAEL A., US
[72] BOWMAN, MARK P., US
[72] MARTZ, JOHNATHAN T., US
[72] THOMAS, STEPHEN J., US
[72] MCCOLLUM, GREGORY J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-04-03
[86] 2011-10-07 (PCT/US2011/055406)
[87] (WO2012/048245)
[30] US (12/900,520) 2010-10-08

---

[11] **2,814,252**
[13] C
[51] **Int.Cl. B65D 81/34 (2006.01)**
[25] EN
[54] **MICROWAVE ENERGY INTERACTIVE FOOD PACKAGE**
[54] **EMBALLAGE POUR PRODUIT ALIMENTAIRE REAGISSANT A L'ENERGIE MICRO-ONDE**
[72] COLE, LORIN R., US
[72] KEEFE, DANIEL J., US
[72] LAI, LAURENCE M. C., CA
[72] LIU, BING, CA
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[86] (2814252)
[87] (2814252)
[22] 2007-04-25
[62] 2,648,628
[30] US (60/795,325) 2006-04-27

---

[11] **2,814,803**
[13] C
[51] **Int.Cl. B29C 45/14 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ARRANGING A LABEL IN A MOULD**
[54] **PROCEDE ET DISPOSITIF POUR AGENCER UNE ETIQUETTE DANS UN MOULE**
[72] VAN DEN BRINK, WILLEM, NL
[73] POLYMAC B.V., NL
[85] 2013-04-15
[86] 2011-10-26 (PCT/NL2011/050728)
[87] (WO2012/078034)
[30] NL (2005581) 2010-10-26

---

[11] **2,815,509**
[13] C
[51] **Int.Cl. H04B 7/04 (2006.01)**
[25] EN
[54] **DISTRIBUTED ANTENNA SYSTEM WITH COMBINATION OF BOTH ALL DIGITAL TRANSPORT AND HYBRID DIGITAL/ANALOG TRANSPORT**
[54] **SYSTEME D'ANTENNES DISTRIBUEES AVEC COMBINAISON DE TRANSPORT TOUT NUMERIQUE ET DE TRANSPORT HYBRIDE NUMERIQUE/ANALOGIQUE**
[72] FISCHER, LARRY G., US
[72] UYEHARA, LANCE K., US
[73] ADC TELECOMMUNICATIONS, INC., US
[85] 2013-04-22
[86] 2011-10-25 (PCT/US2011/057575)
[87] (WO2012/058182)
[30] US (12/913,179) 2010-10-27

---

[11] **2,816,488**
[13] C
[51] **Int.Cl. F16H 1/28 (2006.01)**
[25] EN
[54] **PLANETARY GEAR REDUCER**
[54] **DISPOSITIF REDUCTEUR A TRAIN EPICYCLOIDAL**
[72] MATSUOKA, TETSUYA, JP
[72] NISHIKAWA, HIROYASU, JP
[72] SATO, KAZUHIRO, JP
[72] IMAI, HIDEYUKI, JP
[72] GOI, TATSUHIKO, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2013-04-30
[86] 2011-11-15 (PCT/JP2011/006359)
[87] (WO2012/070199)
[30] JP (2010-262127) 2010-11-25

---

[11] **2,818,905**
[13] C
[51] **Int.Cl. G06F 17/16 (2006.01) G06F 9/50 (2006.01) H01L 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING A CROSS-PRODUCT MATRIX IN A SINGLE PASS THROUGH DATA USING SINGLE PASS LEVELIZATION**
[54] **SYSTEMES ET PROCEDES POUR GENERER UNE MATRICE DES PRODUITS CROISES EN UNE SEULE PASSE A TRAVERS DES DONNEES A L'AIDE D'UN NIVELLEMENT EN UNE SEULE PASSE**
[72] SCHABENBERGER, OLIVER, US
[72] GOODNIGHT, JAMES HOWARD, US
[73] SAS INSTITUTE INC., US
[85] 2013-05-22
[86] 2011-12-12 (PCT/US2011/064340)
[87] (WO2012/087629)
[30] US (12/972,840) 2010-12-20

---

[11] **2,821,172**
[13] C
[51] **Int.Cl. B60T 13/66 (2006.01) B60T 15/14 (2006.01) B61H 13/20 (2006.01)**
[25] EN
[54] **ELECTRONIC EQUALIZING RESERVOIR CONTROLLER WITH PNEUMATIC PENALTY OVERRIDE AND REDUCTION LIMITING**
[54] **DISPOSITIF DE COMMANDE ELECTRONIQUE DE RESERVOIR DE COMPENSATION PAR SURPASSEMENT ET LIMITATION**
[72] REYNOLDS, JOHN M., US
[72] PETTIT, D. MARK, US
[72] TEIFKE, RICHARD J., US
[72] ROOT, KEVIN B., US
[73] NEW YORK AIR BRAKE CORPORATION, US
[86] (2821172)
[87] (2821172)
[22] 2006-08-22
[62] 2,556,590
[30] US (11/227,096) 2005-09-16

[11] **2,821,500**
[13] C
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **CASING VALVES SYSTEM FOR SELECTIVE WELL STIMULATION AND CONTROL**
[54] **SYSTEME DE FLOTTEURS A TUBE POUR UNE STIMULATION SELECTIVE ET UNE COMMANDE DE PUITS**
[72] TIPS, TIMOTHY R., US
[72] CURINGTON, ALFRED R., US
[73] WELLDYNAMICS, INC., US
[86] (2821500)
[87] (2821500)
[22] 2007-01-25
[62] 2,676,328

---

[11] **2,821,623**
[13] C
[51] **Int.Cl. B04B 1/06 (2006.01) B04B 5/04 (2006.01) B04B 7/08 (2006.01) B04B 13/00 (2006.01)**
[25] EN
[54] **CENTRIFUGE WITH REMOVABLE CORE FOR SCALABLE CENTRIFUGATION**
[54] **CENTRIFUGEUSE AVEC PARTIE CENTRALE DEPOSABLE POUR CENTRIFUGATION GRADUELLE**
[72] MERINO, SANDRA PATRICIA, NL
[72] DALESSIO, STEVEN J., US
[72] OTTEN, ROBIN ROY LOUIS RUDY, NL
[73] ALFA WASSERMANN, INC., US
[86] (2821623)
[87] (2821623)
[22] 2002-11-25
[62] 2,468,337
[30] US (09/995,054) 2001-11-27

---

[11] **2,821,845**
[13] C
[51] **Int.Cl. B01D 33/11 (2006.01)**
[25] EN
[54] **TWIN SCREW EXTRUDER PRESS FOR SOLID/FLUID SEPARATION**
[54] **EXTRUDEUSE A DEUX VIS POUR LA SEPARATION DE SOLIDES/FLUIDES**
[72] LEHOUX, RICHARD ROMEO, CA
[72] BRADT, CHRISTOPHER BRUCE, CA
[73] GREENFIELD SPECIALTY ALCOHOLS INC., CA
[85] 2013-07-10
[86] 2013-04-05 (PCT/CA2013/050279)
[87] (WO2013/149350)
[30] US (61/620,772) 2012-04-05

---

[11] **2,822,119**
[13] C
[51] **Int.Cl. B29B 11/08 (2006.01) B29C 45/17 (2006.01)**
[25] EN
[54] **A NECK RING FOR FORMING A NECK PORTION OF A PREFORM AND THE MOLD STACK INCORPORATING SAME**
[54] **ANNEAU DE COL POUR FORMER UNE PARTIE DE COL D'UNE PREFORME ET EMPILAGE DE MOULE INCORPORANT CELUI-CI**
[72] YANKOV, PETER, CA
[72] STEDMAN, SCOTT MICHAEL, CA
[72] FAVATA, DOMENICO, DE
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-06-18
[86] 2011-12-08 (PCT/CA2011/050757)
[87] (WO2012/094732)
[30] US (13/005,625) 2011-01-13

---

[11] **2,822,373**
[13] C
[51] **Int.Cl. A23L 3/3409 (2006.01) A23B 4/16 (2006.01) A23L 3/3418 (2006.01)**
[25] EN
[54] **PLASMA GENERATION OF CO FOR MODIFIED ATMOSPHERE PACKAGING**
[54] **GENERATION PAR PLASMA DE CO POUR EMBALLAGE SOUS ATMOSPHERE MODIFIEE**
[72] RASANAYAGAM, VASUHI, US
[72] SUNDARAM, MEENAKSHI, US
[73] L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2013-06-19
[86] 2011-12-15 (PCT/US2011/065182)
[87] (WO2012/087747)
[30] US (12/973,321) 2010-12-20

---

[11] **2,822,845**
[13] C
[51] **Int.Cl. B65D 19/06 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **HYBRID SHIPPING CONTAINER**
[54] **CONTENANT D'EXPEDITION HYBRIDE**
[72] TURNER, TODD T., US
[73] MACRO PLASTICS, INC., US
[85] 2013-06-21
[86] 2011-12-21 (PCT/US2011/066545)
[87] (WO2012/088297)
[30] US (61/425,970) 2010-12-22

---

[11] **2,823,845**
[13] C
[51] **Int.Cl. F24H 9/02 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **WATER HEATER FURNACE COVER**
[54] **COUVERCLE DE FOURNAISE/CHAUFFE-EAU**
[72] MATHEWS, SEAN, US
[73] MATHEWS, SEAN, US
[86] (2823845)
[87] (2823845)
[22] 2013-08-13

[11] **2,825,718**
[13] C
[51] **Int.Cl. F16K 11/07 (2006.01) F16K 11/06 (2006.01)**
[25] EN
[54] **HIGH PRESSURE FLUID SPRAY NOZZLE INCORPORATING A FLOW CONTROLLED SWITCHING VALVE**
[54] **BUSE DE PULVERISATION DE FLUIDE HAUTE-PRESSION RENFERMANT UN CLAPET DE COMMUTATION A COMMANDE D'ECOULEMENT**
[72] ZINK, GERALD P., US
[72] O'CONNOR, NEIL C., US
[73] STONEAGE, INC., US
[85] 2013-07-24
[86] 2012-02-06 (PCT/US2012/024001)
[87] (WO2012/112329)
[30] US (13/027,091) 2011-02-14

[11] **2,827,327**
[13] C
[51] **Int.Cl. B23B 51/00 (2006.01)**
[25] EN
[54] **DRILL**
[54] **FORET**
[72] ARAI, KOICHI, JP
[72] ARAI, GIICHI, JP
[72] KIMURA, KATSUYO, JP
[73] BIC TOOL CO., LTD., JP
[85] 2013-08-13
[86] 2012-02-06 (PCT/JP2012/052622)
[87] (WO2012/117809)
[30] JP (2011-046991) 2011-03-03
[30] JP (2011-178567) 2011-08-17

[11] **2,828,573**
[13] C
[51] **Int.Cl. F16M 11/14 (2006.01) F16M 11/18 (2006.01) G03B 17/00 (2006.01)**
[25] EN
[54] **GIMBAL SYSTEM**
[54] **SUSPENSION A CARDAN**
[72] DENT, GREGORY D., US
[72] WEAVER, JAMES H., US
[72] WILTSE, JOHN M., US
[72] ELLISON, BRUCE, US
[73] FLIR SYSTEMS, INC., US
[86] (2828573)
[87] (2828573)
[22] 2005-09-29
[62] 2,521,703
[30] US (10/956,738) 2004-10-01
[30] US (10/956,739) 2004-10-01

[11] **2,830,178**
[13] C
[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/00 (2006.01) C02F 1/50 (2006.01) C02F 1/66 (2006.01) C02F 1/68 (2006.01) C02F 5/08 (2006.01)**
[25] EN
[54] **SUSTAINABLE METHOD AND SYSTEM FOR TREATING WATER BODIES AFFECTED BY BACTERIA AND MICROALGAE AT LOW COST**
[54] **PROCEDE ET SYSTEME ECOLOGIQUES DE TRAITEMENT A FAIBLE COUT DE PLANS D'EAU TOUCHES PAR BACTERIES ET MICROALGUES**
[72] FISCHMANN, T. FERNANDO, CL
[73] CRYSTAL LAGOONS (CURACAO) B.V., NL
[85] 2013-09-12
[86] 2011-09-12 (PCT/US2011/051244)
[87] (WO2012/134527)
[30] US (61/469,548) 2011-03-30
[30] US (13/136,458) 2011-08-01

[11] **2,830,585**
[13] C
[51] **Int.Cl. A01B 79/02 (2006.01) A01B 45/02 (2006.01) B01D 53/92 (2006.01) C01B 21/20 (2006.01) C05C 3/00 (2006.01) C05C 11/00 (2006.01) C05D 9/00 (2006.01) C05F 11/08 (2006.01) C09K 17/00 (2006.01) F02B 75/10 (2006.01)**
[25] EN
[54] **METHOD OF RECYCLING EXHAUST EMISSIONS**
[54] **METHODE DE RECYCLAGE DES EMISSIONS DE GAZ D'ECHAPPEMENT**
[72] LEWIS, GARY, CA
[73] N/C QUEST INC., CA
[86] (2830585)
[87] (2830585)
[22] 2006-06-06
[62] 2,611,168
[30] CA (2,509,172) 2005-06-06

[11] **2,832,258**
[13] C
[51] **Int.Cl. B29C 47/08 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMERIC MATERIAL WITH ENHANCED STRENGTH AND PROCESS FOR MANUFACTURING**
[54] **MATERIAU POLYMERE RETICULE A RESISTANCE AMELIOREE ET PROCEDE DE FABRICATION**
[72] SCHROEDER, DAVID W., US
[72] FREEDMAN, JORDAN H., US
[72] GUNTER, JAMES E., US
[72] SALYER, BRIAN D., US
[72] HAWKINS, H. GENE, US
[73] BIOMET MANUFACTURING, LLC, US
[86] (2832258)
[87] (2832258)
[22] 2005-10-06
[62] 2,586,624
[30] US (60/616,811) 2004-10-07
[30] US (10/963,975) 2004-10-13

[11] **2,834,638**
[13] C
[51] **Int.Cl. E21B 23/01 (2006.01)**
[25] EN
[54] **ANCHOR AND HYDRAULIC SETTING ASSEMBLY**
[54] **ANCRE ET ENSEMBLE DE MONTAGE HYDRAULIQUE**
[72] HARRIS, MICHAEL J., US
[72] STULBERG, MARTIN ALFRED, US
[73] KEY ENERGY SERVICES, LLC, US
[86] (2834638)
[87] (2834638)
[22] 2010-03-26
[62] 2,757,293
[30] US (61/166,169) 2009-04-02
[30] US (12/592,026) 2009-11-19
[30] US (12/658,226) 2010-02-04

[11] **2,837,943**
[13] C
[51] **Int.Cl. A62B 1/06 (2006.01)**
[25] EN
[54] **EMERGENCY DESCENT DEVICE**
[54] **DISPOSITIF D'EVACUATION D'URGENCE**
[72] SEUFERT, WOLF D., CA
[73] SEUFERT, WOLF D., CA
[86] (2837943)
[87] (2837943)
[22] 2013-12-18

[11] **2,838,103**
[13] C
[51] **Int.Cl. A42B 3/12 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **SPORTS HELMET WITH ROTATIONAL IMPACT PROTECTION**
[54] **CASQUE DE SPORT AVEC PROTECTION CONTRE LES IMPACTS PAR ROTATION**
[72] DUROCHER, JACQUES, CA
[72] LAPERRIERE, JEAN-FRANCOIS, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[72] COTE, DENIS, CA
[73] BAUER HOCKEY CORP., CA
[86] (2838103)
[87] (2838103)
[22] 2012-07-27
[62] 2,821,540
[30] US (61/512,266) 2011-07-27
[30] US (61/587,040) 2012-01-16

---

[11] **2,838,424**
[13] C
[51] **Int.Cl. A61F 5/01 (2006.01) A43B 7/14 (2006.01) A61F 5/30 (2006.01)**
[25] EN
[54] **HEEL ULCER PREVENTION AND CUSHIONING BOOT**
[54] **BOTTE A COUSSINAGE ET A PREVENTION D'ULCERE DE TALON**
[72] PONSI, LAWRENCE G., US
[72] HANIFL, PAUL, US
[73] SAGE PRODUCTS, INC., US
[86] (2838424)
[87] (2838424)
[22] 2008-05-13
[62] 2,631,308
[30] US (11/828,142) 2007-07-25

---

[11] **2,841,463**
[13] C
[51] **Int.Cl. B67D 7/08 (2010.01) B67D 7/30 (2010.01)**
[25] EN
[54] **SYSTEMS AND METHODS INVOLVING PRODUCT DISPENSERS**
[54] **SYSTEMES ET PROCEDES CONCERNANT DES DISTRIBUTEURS DE PRODUIT**
[72] CITTADINO, ANTONIO M., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2014-01-10
[86] 2012-07-12 (PCT/US2012/046499)
[87] (WO2013/010000)
[30] US (13/182,681) 2011-07-14

---

[11] **2,841,667**
[13] C
[51] **Int.Cl. C10J 3/82 (2006.01) C10J 3/84 (2006.01) C10K 1/02 (2006.01) C10K 3/00 (2006.01)**
[25] EN
[54] **A GASIFICATION FACILITY WITH A HORIZONTAL GASIFIER AND A PLASMA REFORMER**
[54] **UNE INSTALLATION DE GAZEIFICATION EQUIPEE D'UN GAZEIFIEUR HORIZONTAL ET D'UN REFORMEUR AU PLASMA**
[72] TSANGARIS, ANDREAS, CA
[72] SWAIN, MARGARET, CA
[72] CAMPBELL, KENNETH CRAIG, CA
[72] FEASBY, D., MICHAEL, CA
[72] WAGLER, THOMAS EDWARD, CA
[72] BASHAM, SCOTT DOUGLAS, CA
[72] CUI, MAO PEI, CA
[72] SHEN, ZHIYUAN, CA
[72] CHOTALIYA, ASHISH, CA
[72] SONI, NIPUN, CA
[72] MCLEAN, ALISDAIR ALAN, CA
[72] DOBBS, GEOFFREY, CA
[72] MARCEAU, PASCALE BONNIE, CA
[72] ZOU, XIAOPING, CA
[73] PLASCO ENERGY GROUP INC., CA
[86] (2841667)
[87] (2841667)
[22] 2007-05-07
[62] 2,714,911
[30] US (60/797,973) 2006-05-05
[30] CA (PCT/CA2006/000881) 2006-06-05
[30] CA (PCT/CA2006/000882) 2006-06-05
[30] US (60/864,116) 2006-11-02
[30] US (60/911,179) 2007-04-11

---

[11] **2,841,907**
[13] C
[51] **Int.Cl. B60C 13/00 (2006.01) B60C 3/00 (2006.01)**
[25] EN
[54] **TIRE FOR SURFACE VEHICLE**
[54] **PNEUMATIQUE POUR VEHICULE DE SURFACE**
[72] NOVOPLANSKI, AVISHAY, IL
[73] GALILEO WHEEL LTD., IL
[85] 2014-01-13
[86] 2012-07-26 (PCT/IL2012/050277)
[87] (WO2013/014676)
[30] US (61/512,180) 2011-07-27
[30] US (61/671,981) 2012-07-16

---

[11] **2,846,017**
[13] C
[51] **Int.Cl. E04H 4/16 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **QUICK RELEASE POOL SKIMMER BASKET APPARATUS**
[54] **DISPOSITIF A PANIER D'ECUMOIRE DE PISCINE A LIBERATION RAPIDE**
[72] LOPEZ, THOMAS V., US
[73] POOL PATCH LLC, US
[86] (2846017)
[87] (2846017)
[22] 2014-03-13
[30] US (14/082,110) 2013-11-16

---

[11] **2,846,162**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR OPEN SOURCE INTEGRATION**
[54] **PROCEDES ET SYSTEMES POUR INTEGRATION A SOURCE OUVERTE**
[72] LEVIE, AARON, US
[72] GHODS, SAM, US
[72] JOURDA, FLORIAN, FR
[73] BOX, INC., US
[86] (2846162)
[87] (2846162)
[22] 2008-11-20
[62] 2,703,908
[30] US (60/992,656) 2007-12-05
[30] US (61/055,901) 2008-05-23
[30] US (12/260,533) 2008-10-29

[11] **2,853,438**
[13] C
[51] **Int.Cl. B28C 7/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS USING CONCRETE MIX TEMPERATURE MEASUREMENT**
[54] **PROCEDES ET SYSTEMES UTILISANT UNE MESURE DE TEMPERATURE DE MELANGE DE BETON**
[72] BEAUPRE, DENIS, CA
[73] I.B.B. RHEOLOGIE INC., CA
[85] 2014-04-02
[86] 2013-11-08 (PCT/CA2013/050857)
[87] (WO2014/071526)
[30] US (61/724,301) 2012-11-09

[11] **2,857,826**
[13] C
[51] **Int.Cl. G01S 17/10 (2006.01)**
[25] EN
[54] **DETECTION AND RANGING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE DETECTION ET DE TELEMETRIE**
[72] MIMEAULT, YVAN, CA
[73] LEDDARTECH INC., CA
[86] (2857826)
[87] (2857826)
[22] 2008-12-19
[62] 2,710,212
[30] US (61/015,738) 2007-12-21
[30] US (61/015,867) 2007-12-21
[30] US (61/042,424) 2008-04-04

[11] **2,857,507**
[13] C
[51] **Int.Cl. C12N 1/13 (2006.01) C12N 9/02 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12N 15/53 (2006.01) C12N 15/56 (2006.01) C12N 15/79 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **USE OF GENETICALLY MODIFIED ORGANISMS TO GENERATE BIOMASS DEGRADING ENZYMES**
[54] **UTILISATION D'ORGANISMES GENETIQUEMENT MODIFIES POUR GENERER DES ENZYMES DE DECOMPOSITION DE BIOMASSE**
[72] MAYFIELD, STEPHEN, US
[72] O'NEILL, BRYAN, US
[72] MENDEZ, MICHAEL, US
[72] POON, YAN, US
[73] SAPPHIRE ENERGY, INC., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[86] (2857507)
[87] (2857507)
[22] 2008-05-30
[62] 2,692,893
[30] US (60/941,452) 2007-06-01
[30] US (61/070,384) 2008-03-20
[30] US (61/070,437) 2008-03-20

[11] **2,870,783**
[13] C
[51] **Int.Cl. A61B 17/3211 (2006.01)**
[25] EN
[54] **SAFETY SCALPEL**
[54] **SCALPEL DE SECURITE**
[72] KANIGAN, RYAN, CA
[73] SCALPEL INNOVATION, INC., CA
[85] 2014-10-17
[86] 2013-04-02 (PCT/CA2013/000312)
[87] (WO2013/159183)
[30] US (61/638,559) 2012-04-26

Canadian Applications Open to Public Inspection

March 1, 2015 to March 7, 2015

Demandes canadiennes mises à la disponibilité du public

1 mars 2015 au 7 mars 2015

---

[21] **2,825,895**
[13] A1
[51] **Int.Cl. F16K 37/00 (2006.01) E03B 7/07 (2006.01) E03F 7/04 (2006.01) F16K 15/00 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **FLOOD PREVENTION SYSTEM**
[54] **SYSTEME DE PREVENTION DES INONDATIONS**
[71] NATIONAL FLOOD PREVENTION INC., ZZ
[22] 2013-09-03
[41] 2015-03-03

---

[21] **2,825,908**
[13] A1
[51] **Int.Cl. B23P 19/08 (2006.01)**
[25] EN
[54] **RESILIENT RING-SHAPED CLIP INSTALLATION SYSTEM AND HANDLING APPARATUS THEREFOR**
[54] **SYSTEME D'INSTALLATION DE PINCES ANNULAIRES ELASTIQUES ET APPAREIL DE MANUTENTION CORRESPONDANT**
[72] FIRSOFF, CLAUDIO, US
[72] TONER, WAYNE, US
[72] FRASER, PAUL, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2013-09-03
[41] 2015-03-03

---

[21] **2,825,944**
[13] A1
[51] **Int.Cl. A41H 3/00 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL DRAPED GARMENT WITH CONCENTRIC GATHERS OR FOLDS AND METHOD OF MANUFACTURE**
[54] **VETEMENT DRAPE MULTIFONCTIONNEL AVEC FRONCES OU PLIS CONCENTRIQUES ET PROCEDE DE FABRICATION**
[72] DI VALENTINO, TANYA M., CA
[71] DI VALENTINO, TANYA M., CA
[22] 2013-09-03
[41] 2015-03-03

---

[21] **2,826,108**
[13] A1
[51] **Int.Cl. B65D 6/24 (2006.01)**
[25] EN
[54] **LOOSE PANEL QUICK ASSEMBLY STRONG CRATE**
[54] **CAISSE SOLIDE A ASSEMBLAGE RAPIDE A PANNEAUX MOBILES**
[72] CARVETH, WILLIAM H., CA
[71] CARVETH, WILLIAM H., CA
[22] 2013-09-05
[41] 2015-03-05

---

[21] **2,826,110**
[13] A1
[51] **Int.Cl. A01G 25/16 (2006.01)**
[25] EN
[54] **WATER TIMER**
[54] **MINUTERIE A EAU**
[72] CHENG, CHI-HAN, TW
[71] YUAN-MEI CORP., TW
[22] 2013-09-05
[41] 2015-03-05

---

[21] **2,826,297**
[13] A1
[51] **Int.Cl. A61H 35/00 (2006.01) A47K 3/022 (2006.01) A47K 7/08 (2006.01)**
[25] EN
[54] **ANTIPITA**
[54] **ANTIPITA**
[72] GANBARY, KOSRO, CA
[71] GANBARY, KOSRO, CA
[22] 2013-09-04
[41] 2015-03-04

---

[21] **2,826,304**
[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/18 (2006.01)**
[25] EN
[54] **INTEGRATED PACKER AND FLUID CROSS-OVER SUBASSEMBLY FOR GAS INJECTION AND FLUID REMOVAL IN A WELL**
[54] **GARNITURE D'ETANCHEITE INTEGREE ET SOUS-ENSEMBLE DE CROISEMENT POUR FLUIDE POUR INJECTION DE GAZ ET ELIMINATION DE FLUIDE DANS UN PUITS**
[72] VETTER, STEPHEN, CA
[72] MAERZ, STEPHEN, CA
[71] MVM MACHINING, CA
[22] 2013-09-05
[41] 2015-03-05

---

[21] **2,826,315**
[13] A1
[51] **Int.Cl. B65G 49/00 (2006.01) B66B 9/00 (2006.01) B66F 9/00 (2006.01)**
[25] EN
[54] **ELEVATION CONVEYANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRANSPORT PAR ELEVATION**
[72] MCSWAIN, R. KEVIN, CA
[71] MATTAWA INDUSTRIAL SERVICES INC., CA
[22] 2013-09-06
[41] 2015-03-06

[21] **2,826,366**
[13] A1
[51] **Int.Cl. E01F 13/00 (2006.01) E04H 17/14 (2006.01)**
[25] EN
[54] **CONSTRUCTION SITE FENCE PANEL FOOT BOOT**
[54] **BOTTE POUR PIED DE PANNEAU DE CLOTURE DE CHANTIER**
[72] PASQUALINI, TONY L., CA
[71] PASQUALINI, TONY L., CA
[22] 2013-09-05
[41] 2015-03-05

[21] **2,826,378**
[13] A1
[51] **Int.Cl. B65H 83/00 (2006.01) B65H 1/04 (2006.01) B65H 5/00 (2006.01) B65H 29/46 (2006.01) B65H 31/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR MARKING AND ORDERING PLATE BLANKS, AND LOAD AND RECEIVING MAGAZINES THEREFOR**
[54] **APPAREIL POUR MARQUER ET ORDONNER DES EBAUCHES DE PLAQUETTE ET CHARGER LES PANIERS DE RECEPTION DE CELLES-CI**
[72] MACARTHUR, BENJAMIN, US
[72] VANDENBROEK, TONY, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2013-09-05
[41] 2015-03-05

[21] **2,826,381**
[13] A1
[51] **Int.Cl. A47G 25/90 (2006.01) A61F 13/08 (2006.01)**
[25] EN
[54] **THE BRAUWEILER FOLDABLE/COLLAPSIBLE STOCKING DONNER**
[54] **DISPOSITIF PLIANT POUR ENFILER UN BAS BRAUWEILER**
[72] BRAUWEILER, RUDOLPH, CA
[71] BRAUWEILER, RUDOLPH, CA
[22] 2013-09-04
[41] 2015-03-04

[21] **2,826,499**
[13] A1
[51] **Int.Cl. A47K 11/00 (2006.01)**
[25] EN
[54] **COMPOSTING TOILET ASSEMBLY**
[54] **ENSEMBLE DE TOILETTES A COMPOSTAGE**
[72] MORIN, EMMANUEL, FR
[71] ECODOMEO, FR
[22] 2013-09-05
[41] 2015-03-05

[21] **2,826,501**
[13] A1
[51] **Int.Cl. A63B 63/04 (2006.01)**
[25] EN
[54] **TARGET APPARATUS FOR HOCKEY OR OTHER SPORTS**
[54] **APPAREIL CIBLE POUR HOCKEY OU AUTRES SPORTS**
[72] DUNLOP, DWAYNE, CA
[71] DUNLOP, DWAYNE, CA
[22] 2013-09-06
[41] 2015-03-06

[21] **2,826,533**
[13] A1
[51] **Int.Cl. B65B 59/00 (2006.01) B65B 27/00 (2006.01) B65B 35/30 (2006.01)**
[25] EN
[54] **AUTOMATED PALLETIZATION METHOD, SYSTEM AND SOFTWARE**
[54] **PROCEDE, SYSTEME ET LOGICIEL DE PALETTISATION AUTOMATISEE**
[72] PRIEBE, BRIAN, CA
[72] MILLAR, ROBERT, CA
[71] LIQUOR CONTROL BOARD OF ONTARIO, CA
[22] 2013-09-06
[41] 2015-03-06

[21] **2,827,041**
[13] A1
[51] **Int.Cl. A61F 5/37 (2006.01) A61F 5/05 (2006.01) A61F 5/058 (2006.01)**
[25] EN
[54] **DYNAMIC SHOULDER ORTHOSIS WITH REHABILITATING ADDUCTION**
[54] **ORTHESE D'EPAULE DYNAMIQUE AVEC ADDUCTION DE REEDUCATION**
[72] BEGON, MICKAEL, CA
[72] BLEAU, JACINTE, CA
[72] NOBERT, SERGE, CA
[72] TETRAULT, PATRICE, CA
[71] BEGON, MICKAEL, CA
[71] BLEAU, JACINTE, CA
[71] NOBERT, SERGE, CA
[22] 2013-09-12
[41] 2015-03-06
[30] US (14/019,757) 2013-09-06

[21] **2,830,608**
[13] A1
[51] **Int.Cl. C23F 11/10 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **A HIGH TEMPERATURE CARBON DIOXIDE CORROSION INHIBITOR**
[54] **INHIBITEUR DE CORROSION DUE AU DIOXYDE DE CARBONE A HAUTE TEMPERATURE**
[72] SUN, YONGTAO, CN
[72] MA, ZENGHUA, CN
[72] LIU, HUAJUN, CN
[72] WANG, TONG, CN
[72] LIN, TAO, CN
[72] LIU, HAITAO, CN
[72] WANG, SHAOHUA, CN
[72] SUN, YUBAO, CN
[71] CHINA NATIONAL OFFSHORE OIL CORPORATION, CN
[71] CHINA OILFIELD SERVICES LIMITED, CN
[22] 2013-10-22
[41] 2015-03-06
[30] CN (201310404442.8) 2013-09-06

[21] **2,834,097**
[13] A1
[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01) H04N 21/83 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DIGITAL RIGHTS MANAGEMENT ENFORCEMENT**
[54] **PROCEDE ET SYSTEME D'APPLICATION DE GESTION DES DROITS NUMERIQUES**
[72] AUGER, JEREMY, CA
[71] DESIRE2LEARN INCORPORATED, CA
[22] 2013-11-22
[41] 2015-03-04
[30] US (14/017,871) 2013-09-04

---

[21] **2,847,459**
[13] A1
[51] **Int.Cl. B62J 1/10 (2006.01) B62J 1/00 (2006.01) B62K 17/00 (2006.01)**
[25] EN
[54] **STRADDLE-TYPE VEHICLE SEAT AND STRADDLE-TYPE VEHICLE**
[54] **SIEGE DE TYPE A ENFOURCHER POUR VEHICULE ET VEHICULE DE TYPE A ENFOURCHER**
[72] ISHIGE, SHINGO, JP
[71] SHOWA CORPORATION, JP
[22] 2014-03-26
[41] 2015-03-03
[30] JP (2013-182417) 2013-09-03

---

[21] **2,847,700**
[13] A1
[51] **Int.Cl. G01N 21/59 (2006.01)**
[25] EN
[54] **CHLORINE DETECTION AND PH SENSING METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL DE DETECTION DE CHLORE ET DE PH**
[72] BRONDUM, KLAUS, US
[71] WATKINS MANUFACTURING CORPORATION, US
[22] 2014-03-28
[41] 2015-03-06
[30] US (14/020,671) 2013-09-06

---

[21] **2,848,446**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) A61J 7/04 (2006.01) B65B 5/00 (2006.01)**
[25] EN
[54] **MEDICAL PILL DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE PILULES MEDICALES**
[72] PATEL, MITESHKUMAR ISHWARBHAI, US
[72] KHAN, FEROS KHAN SEYED YOUSUF, US
[72] SHKAPOV, SERGEY, US
[71] MEDITAB SOFTWARE INC., US
[22] 2014-04-08
[41] 2015-03-04
[30] US (14/018,245) 2013-09-04
[30] US (14/155,822) 2014-01-15

---

[21] **2,848,716**
[13] A1
[51] **Int.Cl. F03B 13/00 (2006.01) E02B 9/00 (2006.01) F03B 13/08 (2006.01) F03B 17/04 (2006.01)**
[25] EN
[54] **KRISHNA'S METHOD WORLD'S FIRST DAMLESS BELOW SEASHORE (UNDERGROUND) SEA HYDROPOWER PLANT**
[54] **PREMIERE CENTRALE HYDROLIENNE EN MER (SOUTERRAINE) SOUS LE RIVAGE SANS BARRAGE AU MONDE SELON LA METHODE KRISHNA**
[72] KRISHNAMOORTHY, SRINIVASAN, CA
[71] KRISHNAMOORTHY, SRINIVASAN, CA
[22] 2014-04-10
[41] 2015-03-02

---

[21] **2,849,488**
[13] A1
[51] **Int.Cl. B62D 55/00 (2006.01) B62D 11/00 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **STRADDLE-TYPE VEHICLE**
[54] **VEHICULE DE TYPE A ENFOURCHER**
[72] SAWAI, SEIJI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2014-04-17
[41] 2015-03-04
[30] US (61/873440) 2013-09-04

---

[21] **2,852,217**
[13] A1
[51] **Int.Cl. F25D 13/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REFRIGERATION GALLEY COMPARTMENTS**
[54] **SYSTEMES ET PROCEDES POUR COMPARTIMENTS DE REFRIGERATION D'OFFICE**
[72] MORAN, THOMAS J., US
[72] RUMILL, DAVID M., US
[71] THE BOEING COMPANY, US
[22] 2014-05-23
[41] 2015-03-04
[30] US (14/017494) 2013-09-04

---

[21] **2,852,568**
[13] A1
[51] **Int.Cl. H02G 7/16 (2006.01)**
[25] EN
[54] **DEVICE FOR REMOVING ICE AND SNOW FROM POWER TRANSMISSION LINE**
[54] **DISPOSITIF POUR ENLEVER LA GLACE ET LA NEIGE D'UNE LIGNE DE COURANT ELECTRIQUE**
[72] KIM, YOUNG KI, KR
[72] LEE, SEUNG HOON, KR
[72] CHOI, SANG HEE, KR
[72] KANG, BUM YOUNG, KR
[72] JUNG, HYUN JONG, KR
[71] KOREA ELECTRIC POWER CORPORATION, KR
[22] 2014-05-28
[41] 2015-03-05
[30] KR (10-2013-0106855) 2013-09-05

---

[21] **2,853,444**
[13] A1
[51] **Int.Cl. F23R 3/00 (2006.01)**
[25] EN
[54] **COMBUSTOR CHAMBER COOLING**
[54] **REFROIDISSEMENT DE CHAMBRE DE COMBUSTION**
[72] PATEL, BHAWAN B., CA
[72] SAMPATH, PARTHASARATHY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2014-06-03
[41] 2015-03-04
[30] US (14/017,663) 2013-09-04

[21] **2,853,571**
[13] A1
[51] **Int.Cl. F24C 15/10 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **METHOD OF OPTIMIZING USE OF COOKTOP AND COOKTOP WITH OPTIMIZATION**
[54] **PROCEDE D'OPTIMISATION DE L'UTILISATION D'UNE SURFACE DE CUISSON ET SURFACE DE CUISSON AVEC OPTIMISATION**
[72] ENG, LINDSAY, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2014-06-06
[41] 2015-03-06
[30] US (14/019,619) 2013-09-06

[21] **2,853,774**
[13] A1
[51] **Int.Cl. F24C 15/02 (2006.01)**
[25] EN
[54] **HOME COOKING APPLIANCE WITH A SIDE SWING OVEN DOOR HAVING AN INTEGRAL SELF CAPTURING LATCH**
[54] **APPAREIL ELECTROMENAGER DE CUISSON POURVU D'UNE PORTE DE FOUR PIVOTANTE LATERALE DOTEE D'UN VERROU A CAPTURE AUTOMATIQUE INTEGRE**
[72] GAYLE, JAMES, US
[72] GEIGER, JOSEPH, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2014-06-06
[41] 2015-03-06
[30] US (14/019,618) 2013-09-06

[21] **2,854,119**
[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) H01Q 1/38 (2006.01) H01Q 9/04 (2006.01) H01Q 9/27 (2006.01)**
[25] EN
[54] **INTEGRATED ANTENNA TRANSCEIVER FOR SENSOR AND DATA TRANSMISSION ON ROTATING SHAFTS**
[54] **EMETTEUR-RECEPTEUR D'ANTENNE INTEGRE POUR CAPTEUR ET TRANSMISSION DE DONNEES SUR ARBRES TOURNANTS**
[72] MANRY, CHARLES W., JR., US
[72] URCIA, MANNY S., US
[71] THE BOEING COMPANY, US
[22] 2014-06-11
[41] 2015-03-05
[30] US (14/019,348) 2013-09-05

[21] **2,855,354**
[13] A1
[51] **Int.Cl. G06F 7/02 (2006.01) G06Q 50/04 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **CORRELATION OF MAXIMUM CONFIGURATION DATA SETS**
[54] **CORRELATION D'ENSEMBLES DE DONNEES DE CONFIGURATION MAXIMUMS**
[72] ROMATKA, RAINER JOHANNES, US
[72] WILLIAMS, CHARLES MARK, US
[72] CHANG, STEVE X., US
[71] THE BOEING COMPANY, US
[22] 2014-06-26
[41] 2015-03-05
[30] US (14/018,587) 2013-09-05

[21] **2,856,005**
[13] A1
[51] **Int.Cl. G01N 11/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING FLUID STREAMING POTENTIAL**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER LE POTENTIEL D'ECOULEMENT D'UN FLUIDE**
[72] KINLEN, PATRICK J., US
[72] ALVES, OFER, US
[71] THE BOEING COMPANY, US
[22] 2014-07-07
[41] 2015-03-06
[30] US (61/874467) 2013-09-06
[30] US (14/100910) 2013-12-09

[21] **2,856,231**
[13] A1
[51] **Int.Cl. B21D 1/02 (2006.01)**
[25] EN
[54] **AUTOMATED TUBE STRAIGHTENING APPARATUS**
[54] **APPAREIL REDRESSEUR DE TUBES AUTOMATIQUE**
[72] HILL, STEVEN P., US
[72] LERMO, RONALD ROBERT, US
[72] HAMETNER, ALBERT L., US
[71] THE BOEING COMPANY, US
[22] 2014-07-09
[41] 2015-03-06
[30] US (14/019975) 2013-09-06

[21] **2,857,679**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/04 (2012.01) B33Y 50/00 (2015.01) B29C 67/00 (2006.01) B64F 5/00 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL PRINTING OF PARTS**
[54] **IMPRESSION TRIDIMENSIONNELLE DE PIECES**
[72] KOREIS, ROCKE ROBERT, US
[71] THE BOEING COMPANY, US
[22] 2014-07-22
[41] 2015-03-05
[30] US (14/019,129) 2013-09-05

[21] **2,857,759**
[13] A1
[51] **Int.Cl. F16B 37/12 (2006.01) F16B 13/00 (2006.01) F16B 13/02 (2006.01) F16B 13/12 (2006.01)**
[25] EN
[54] **THREADED INSERT**
[54] **DOUILLE FILETEE**
[72] STONE, JON TERENCE, US
[72] HOOTS, JOSHUA LEE, US
[71] HAYWARD INDUSTRIES, INC., US
[22] 2014-07-24
[41] 2015-03-06
[30] US (14/020,632) 2013-09-06

[21] **2,857,789**
[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H04W 88/00 (2009.01) H04B 1/16 (2006.01) H04L 25/02 (2006.01)**
[25] EN
[54] **A METHOD FOR SYMBOL SAMPLING IN A HIGH TIME DELAY SPREAD INTERFERENCE ENVIRONMENT**
[54] **PROCEDE D'ECHANTILLONNAGE DE SYMBOLES DANS UN ENVIRONNEMENT D'INTERFERENCES A REPARTITION DU RETARD TEMPOREL ELEVEE**
[72] HARTLESS, MAC L., US
[72] TAYLOR, RICHARD D., US
[72] WYNN, STEVE R., US
[71] HARRIS CORPORATION, US
[22] 2014-07-23
[41] 2015-03-03
[30] US (14/016,273) 2013-09-03

[21] **2,858,185**
[13] A1
[51] **Int.Cl. B05D 1/26 (2006.01) B05D 1/34 (2006.01)**
[25] EN
[54] **TOOL FOR APPLYING A FLUID ON TO A SURFACE**
[54] **OUTIL D'APPLICATION DE FLUIDE SUR UNE SURFACE**
[72] TOMUTA, RAUL, US
[72] TOPF, RICHARD PHILIP, US
[72] DAVANCENS, ANGELICA, US
[72] GUIRGUIS, MARTIN HANNA, US
[72] TREND, DON DAVID, US
[72] SEDLER, ILYA, US
[72] GARCIA, CRIS HOWARD, US
[71] THE BOEING COMPANY, US
[22] 2014-07-31
[41] 2015-03-03
[30] US (14/016,846) 2013-09-03

[21] **2,858,492**
[13] A1
[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **AGICULTURAL ELEMENT WITH COMPOUND HINGE ARRANGEMENT**
[54] **ELEMENT AGRICOLE AVEC AGENCEMENT DE CHARNIERE COMBINEE**
[72] ZACHARIAS, DARWIN L., CA
[72] THOMPSON, DENNIS G., CA
[72] NAYLOR, MATTHEW S., CA
[72] CHAHLEY, DENNIS W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2014-08-06
[41] 2015-03-06
[30] US (14/030,393) 2013-09-06

[21] **2,858,620**
[13] A1
[51] **Int.Cl. G01K 13/02 (2006.01)**
[25] EN
[54] **SUPERCRITICAL TOTAL AIR TEMPERATURE SENSORS**
[54] **CAPTEUR DE TEMPERATURE TOTALE DE L'AIR SUPERCRITIQUE**
[72] WIGEN, SCOTT, US
[72] GMACH, MATTHEW J. T., US
[72] SABLE, ROBERT E., US
[72] OTTO, JOHN TIMOTHY, US
[71] ROSEMOUNT AEROSPACE, INC., US
[22] 2014-08-06
[41] 2015-03-05
[30] US (61/874,223) 2013-09-05
[30] US (14/189,885) 2014-02-25

[21] **2,858,642**
[13] A1
[51] **Int.Cl. B23C 3/13 (2006.01) B23C 5/20 (2006.01)**
[25] EN
[54] **PLANER HEAD**
[54] **TETE DE RABOTEUSE**
[72] LEVASSEUR, CLERMONT, CA
[72] LEVASSEUR, THOMAS, CA
[72] AUBE, GUILLAUME, CA
[71] DK-SPEC INC., CA
[22] 2014-08-06
[41] 2015-03-03
[30] US (61/872,998) 2013-09-03

[21] **2,858,805**
[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **POWER STORAGE SYSTEM, POWER STORAGE CONTROL DEVICE, AND POWER STORAGE CONTROL METHOD**
[54] **SYSTEME DE STOCKAGE D'ENERGIE, DISPOSITIF DE COMMANDE DE STOCKAGE D'ENERGIE ET PROCEDE DE COMMANDE DE STOCKAGE D'ENERGIE**
[72] TSUYOSHI, MASATO, JP
[71] SONY CORPORATION, JP
[22] 2014-08-11
[41] 2015-03-02
[30] JP (2013-181112) 2013-09-02

[21] **2,859,245**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G01B 21/32 (2006.01) G01M 5/00 (2006.01) G06F 17/10 (2006.01)**
[25] FR
[54] **MECHANICAL DEFORMATION GAUGE SIMULATION**
[54] **SIMULATION DE JAUGE DE DEFORMATION MECANIQUE**
[72] MESSINA, PAOLO, FR
[72] DUBEAUREPAIRE, FLORIAN, FR
[72] LE DROGO, STEPHANE, FR
[71] AIRBUS OPERATIONS, FR
[22] 2014-08-12
[41] 2015-03-06
[30] EP (13 306 224.0) 2013-09-06

[21] **2,859,329**
[13] A1
[51] **Int.Cl. B32B 3/08 (2006.01) B32B 3/12 (2006.01)**
[25] EN
[54] **STRUCTURAL INSERTS FOR HONEYCOMB STRUCTURES**
[54] **PIECES RAPPORTEES STRUCTURELLES POUR STRUCTURES EN NID D'ABEILLE**
[72] HOLEMANS, PETER, US
[71] THE BOEING COMPANY, US
[22] 2014-08-14
[41] 2015-03-03
[30] US (14/016691) 2013-09-03

[21] **2,859,337**
[13] A1
[51] **Int.Cl. G01S 17/95 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IN-FLIGHT DETECTION OF AIRBORNE VOLCANIC ASH**
[54] **APPAREIL ET PROCEDE POUR DETECTION EN VOL DE CENDRES VOLCANIQUES AERIENNES**
[72] RAY, MARK, US
[72] ANDERSON, KAARE JOSEF, US
[71] ROSEMOUNT AEROSPACE, INC., US
[22] 2014-08-13
[41] 2015-03-06
[30] US (61/874,438) 2013-09-06
[30] US (14/178,580) 2014-02-12

[21] **2,859,339**
[13] A1
[51] **Int.Cl. E01C 23/06 (2006.01)**
[25] EN
[54] **INTEGRATED ASPHALT HEATING UNIT AND COMB**
[54] **UNITE INTEGREE DE CHAUFFAGE D'ASPHALTE ET PEIGNE**
[72] REES, MICHAEL, US
[71] REES, MICHAEL, US
[22] 2014-08-14
[41] 2015-03-03
[30] US (14/016,759) 2013-09-03

[21] **2,859,890**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/40 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE PRESENCE OR ABSENCE OF SHIGA TOXIN-PRODUCING ESCHERICHIA COLI (STEC) IN A FOOD SAMPLE**
[54] **PROCEDE DE DETERMINATION DE LA PRESENCE OU DE L'ABSENCE D'ESCHERICHIA COLI PRODUCTEUR DE TOXINES SHIGA DANS UN ECHANTILLON D'ALIMENT**
[72] HALLIER-SOULIER, SYLVIE, FR
[72] WANG, YU, US
[72] NAHUET, CHRISTELLE, FR
[72] RUMMELHARD, MARILYNE, FR
[72] JEMMAL, SARAH, FR
[72] BOUTON, SEBASTIEN, FR
[72] WILDER, VALERIE VAN, FR
[71] PALL GENEDISC TECHNOLOGIES, FR
[22] 2014-08-15
[41] 2015-03-03
[30] US (13 182 864.2) 2013-09-03

[21] **2,860,046**
[13] A1
[51] **Int.Cl. C09D 5/29 (2006.01) C09B 67/38 (2006.01) C09C 3/10 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING TRANSPARENT/SEMI-TRANSPARENT COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**
[54] **PROCEDE DE PREPARATION DE DISPERSIONS DE COULEUR TRANSPARENTES OU SEMI-TRANSPARENTES ET DISPERSIONS DE COULEUR AINSI PREPAREES**
[72] YUN, DONG, CN
[72] WANG, CAIFENG, CN
[72] WANG, YUJIANG, CN
[72] JIANG, SIYUAN, CN
[72] LIU, HUI, CN
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2014-08-21
[41] 2015-03-04
[30] CN (201310398395.0) 2013-09-04

[21] **2,860,049**
[13] A1
[51] **Int.Cl. C09D 5/29 (2006.01) C09B 67/38 (2006.01) C09C 3/10 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING COLOR DISPERSIONS AND THE COLOR DISPERSIONS MADE THEREOF**
[54] **PROCEDE DE PREPARATION DE DISPERSIONS DE COULEUR ET DISPERSIONS DE COULEUR AINSI PREPAREES**
[72] YUN, DONG, CN
[72] LIU, HUI, CN
[72] WANG, YUJIANG, CN
[72] JIANG, SIYUAN, CN
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2014-08-21
[41] 2015-03-04
[30] CN (201310398513.8) 2013-09-04

[21] **2,860,066**
[13] A1
[51] **Int.Cl. F01D 11/00 (2006.01) F01D 11/02 (2006.01) F01D 11/08 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **TURBOMACHINE AXIAL COMPRESSOR SEAL WITH A BRUSH SEAL**
[54] **JOINT DE COMPRESSEUR AXIAL DE TURBOMACHINE AVEC JOINT A BROSSE**
[72] NAERT, ARNAUD, BE
[72] DURIEU, FRANCOIS, BE
[71] TECHSPACE AERO S.A., BE
[22] 2014-08-18
[41] 2015-03-03
[30] EP (13182815.4) 2013-09-03

[21] **2,860,067**
[13] A1
[51] **Int.Cl. B29C 45/14 (2006.01)**
[25] EN
[54] **PROVISIONAL RETENTION OF METAL SHEET ON A MOLD BY MICROWELDS**
[54] **MAINTIEN TEMPORAIRE D'UNE FEUILLE METALLIQUE SUR UN MOULE PAR MICRO-SOUDURES**
[72] HANNECART, BENOIT, BE
[71] TECHSPACE AERO S.A., BE
[22] 2014-08-18
[41] 2015-03-06
[30] EP (13183410.3) 2013-09-06

[21] **2,860,256**
[13] A1
[51] **Int.Cl. B01F 3/08 (2006.01) A23L 1/035 (2006.01) A23L 2/52 (2006.01) B01F 1/00 (2006.01) B01F 17/32 (2006.01)**
[25] EN
[54] **SOLUBILIZATION OF PTEROSTILBENE AND RESVERATROL IN AQUEOUS BEVERAGES**
[54] **SOLUBILISATION DE PTEROSTILBENE ET DE RESVERATROL DANS DES BOISSONS AQUEUSES**
[72] MCCHESNEY, JAMES D., US
[72] NIKOULIN, IGOR, US
[72] RODENBURG, DOUGLAS L., US
[71] IRONSTONE SEPARATIONS, INC., US
[22] 2014-08-22
[41] 2015-03-03
[30] US (61/872,971) 2013-09-03

[21] **2,860,259**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01) H04W 4/00 (2009.01) A61B 3/113 (2006.01) G02B 7/28 (2006.01) G06F 3/01 (2006.01) H02J 17/00 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **OPHTHALMIC LENS SYSTEM CAPABLE OF INTERFACING WITH AN EXTERNAL DEVICE**
[54] **SYSTEME DE LENTILLES OPHTALMIQUES POUVANT INTERFACER AVEC UN DISPOSITIF EXERNE**
[72] TONER, ADAM, US
[72] PUGH, RANDALL BRAXTON, US
[72] HIGHAM, CAMILLE A., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2014-08-22
[41] 2015-03-04
[30] US (14/017,722) 2013-09-04

[21] **2,860,263**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01) H04W 4/00 (2009.01) H04W 80/00 (2009.01) A61B 3/113 (2006.01) H03F 1/08 (2006.01)**
[25] EN
[54] **OPHTHALMIC LENS SYSTEM CAPABLE OF COMMUNICATION BETWEEN LENSES UTILIZING A SECONDARY EXTERNAL DEVICE**
[54] **SYSTEME DE LENTILLES OPHTALMIQUES PERMETTANT LA COMMUNICATION ENTRE LES LENTILLES AU MOYEN D'UN DISPOSITIF EXTERNE SECONDAIRE**
[72] TONER, ADAM, US
[72] PUGH, RANDALL BRAXTON, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2014-08-22
[41] 2015-03-04
[30] US (14/017,790) 2013-09-04

[21] **2,860,714**
[13] A1
[51] **Int.Cl. B65D 30/08 (2006.01)**
[25] EN
[54] **SIDE-GUSSET BAG MADE OF A PLASTIC FABRIC LAMINATE**
[54] **SACHET A SOUFFLETS LATERAUX CONSTITUE D'UN STRATIFIE DE TISSU EN PLASTIQUE**
[72] KOSTERS, JENS, US
[72] BRAUER, JOCHEN, US
[71] MONDI HALLE GMBH, DE
[22] 2014-08-27
[41] 2015-03-04
[30] DE (10 2013 109 656.5) 2013-09-04
[30] EP (14 180 177.9) 2014-08-07

[21] **2,861,131**
[13] A1
[51] **Int.Cl. B64D 13/08 (2006.01) B64D 15/02 (2006.01) F02C 7/14 (2006.01) F02C 9/18 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A MULTI-PACK ENVIRONMENTAL CONTROL SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE CONTROLE DE L'ENVIRONNEMENT A BLOCS MULTIPLES**
[72] BRUNO, LOUIS J., US
[72] ZYWIAK, THOMAS M., US
[72] DREW, DIANE G., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2014-08-27
[41] 2015-03-03
[30] US (61/872,988) 2013-09-03
[30] US (14/088,549) 2013-11-25

[21] **2,861,170**
[13] A1
[51] **Int.Cl. A47G 1/02 (2006.01) H05B 3/84 (2006.01)**
[25] EN
[54] **ANTI-FOGGING MIRRORS AND METHODS**
[54] **MIROIRS ANTIBUEE ET PROCEDES ASSOCIES**
[72] YANG, FRANK, US
[72] COHEN, GUY, US
[72] CARDENAS, ORLANDO, US
[72] WOLBERT, DAVID, US
[72] SANDOR, JOSEPH, US
[72] BUSHROE, FREDERICK N., US
[71] SIMPLEHUMAN, LLC, US
[22] 2014-08-29
[41] 2015-03-04
[30] US (61/873,711) 2013-09-04

[21] **2,861,190**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND ANALYSIS SYSTEM FOR PROCESSING BIOLOGICAL SAMPLES**
[54] **PROCEDE ET SYSTEME D'ANALYSE POUR TRAITER DES ECHANTILLONS BIOLOGIQUES**
[72] VON ALLMEN, BERNHARD, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2014-08-29
[41] 2015-03-04
[30] EP (13182945.9) 2013-09-04

[21] **2,861,371**
[13] A1
[51] **Int.Cl. C02F 11/00 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **CLARIFIER SLUDGE WITHDRAWAL SYSTEM**
[54] **SYSTEME DE PRELEVEMENT DE BOUES DE CLARIFICATEUR**
[72] VORWALLER, JOHN, US
[72] HEIMDAL, TOR, US
[71] OVIVO LUXEMBOURG S.A.R.L., LU
[22] 2014-08-29
[41] 2015-03-05
[30] US (14/019,479) 2013-09-05

[21] **2,861,501**
[13] A1
[51] **Int.Cl. E03D 13/00 (2006.01)**
[25] EN
[54] **URINAL WITH SPLASH GUARD**
[54] **URINOIR AVEC PARE-ECLABOUSSURES**
[72] DANOWSKI, DANIEL J., US
[72] SCHOOLCRAFT, JOHN K., US
[72] BHATTA, HIMANSHU, US
[71] ZURN INDUSTRIES, LLC, US
[22] 2014-08-28
[41] 2015-03-03
[30] US (61/872,925) 2013-09-03
[30] US (14/469,684) 2014-08-27

[21] **2,861,507**
[13] A1
[51] **Int.Cl. B65H 37/00 (2006.01)**
[25] EN
[54] **PORTABLE MAGNETIZER SHEET FEEDER SYSTEM**
[54] **DISPOSITIF D'ALIMENTATION FEUILLE A FEUILLE A MAGNETISEUR PORTATIF**
[72] LEFEVRE, RICHARD D., US
[71] MAGNUM MAGNETICS CORPORATION, US
[22] 2014-09-03
[41] 2015-03-04
[30] US (61/873,564) 2013-09-04

[21] **2,861,597**
[13] A1
[51] **Int.Cl. E21B 33/138 (2006.01)**
[25] EN
[54] **RESERVOIR ACTIVATED EMULSION BREAKING FOR LOST CIRCULATION**
[54] **RUPTURE D'EMULSION ACTIVEE DE RESERVOIR POUR PERTE DE CIRCULATION**
[72] BRUNELLE, PATRICK, CA
[72] GEDDES, CAMERON JAMES, CA
[71] SECURE ENERGY (DRILLING SERVICES) INC., CA
[71] LARICINA ENERGY LTD., CA
[22] 2014-08-29
[41] 2015-03-05
[30] US (61/874,144) 2013-09-05

[21] **2,861,608**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **A DEVICE, METHOD AND SYSTEM FOR EFFICIENTLY POWERING A NEAR FIELD COMMUNICATION DEVICE**
[54] **DISPOSITIF, PROCEDE ET SYSTEME POUR ALIMENTER EFFICACEMENT UN DISPOSITIF DE COMMUNICATION EN CHAMP PROCHE**
[72] BURRELL, DOUGLAS JAMES ARTHUR, CA
[72] ORR, KEVIN HOWARD, CA
[72] ABDELSAMIE, AHMED, CA
[72] MRUK, MIKOLAJ MATTHEW, CA
[71] BLACKBERRY LIMITED, CA
[22] 2014-09-02
[41] 2015-03-03
[30] US (14/016410) 2013-09-03

[21] **2,861,698**
[13] A1
[51] **Int.Cl. B32B 27/04 (2006.01) B32B 37/24 (2006.01)**
[25] EN
[54] **BLENDED THERMOPLASTIC AND THERMOSET MATERIALS AND METHODS**
[54] **MELANGES DE MATERIAUX THERMOPLASTIQUES ET THERMODURCIS ET PROCEDES ASSOCIES**
[72] JAFFEE, ALAN MICHAEL, US
[71] JOHNS MANVILLE, US
[22] 2014-09-03
[41] 2015-03-04
[30] US (14/017,529) 2013-09-04

[21] **2,861,701**
[13] A1
[51] **Int.Cl. H02M 1/00 (2007.10) H02H 7/10 (2006.01) H02J 1/00 (2006.01) H02J 5/00 (2006.01) H02M 7/68 (2006.01)**
[25] EN
[54] **ELECTRIC POWER CONVERSION SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME DE CONVERSION D'ENERGIE ELECTRIQUE ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] GUPTA, RANJAN KUMAR, US
[72] RAJU, RAVISEKHAR NADIMPALLI, US
[72] CHOKHAWALA, RAHUL SHANTILAL, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[22] 2014-08-28
[41] 2015-03-06
[30] US (14/020,111) 2013-09-06

[21] **2,861,779**
[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01) H02M 3/10 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING AN ELECTRICAL CIRCUIT AND ELECTRICAL CIRCUIT**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN CIRCUIT ELECTRIQUE ET CIRCUIT ELECTRIQUE**
[72] JANNING, JOERG, DE
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[22] 2014-08-28
[41] 2015-03-05
[30] DE (102013109714.6) 2013-09-05

---

[21] **2,861,788**
[13] A1
[51] **Int.Cl. C08G 18/48 (2006.01) B29C 44/04 (2006.01) B60N 2/00 (2006.01) C08G 18/08 (2006.01) C08J 9/228 (2006.01) C08L 75/08 (2006.01)**
[25] EN
[54] **PRESSURE-DISTRIBUTING FOAM AND VEHICLE SEAT ASSEMBLY HAVING PRESSURE-DISTRIBUTING FOAM**
[54] **MOUSSE REPARTITRICE DE PRESSION ET ENSEMBLE SIEGE DE VEHICULE COMPORTANT LADITE MOUSSE**
[72] YAMASAKI, RYOKO, US
[72] PEIFFER, EUGENE, US
[71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
[22] 2014-09-04
[41] 2015-03-06
[30] US (14/020,707) 2013-09-06

---

[21] **2,861,806**
[13] A1
[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **ANIMAL CAGE LITTER COMPOSITION, ESPECIALLY SUITABLE FOR CATS**
[54] **COMPOSITION DE LITIERE POUR CAGE D'ANIMAL CONVENANT TOUT PARTICULIEREMENT AUX CHATS**
[72] GAWRON, TOMASZ, PL
[71] GAWRON, TOMASZ, PL
[22] 2014-09-03
[41] 2015-03-05
[30] PL (P.405245) 2013-09-05

---

[21] **2,861,861**
[13] A1
[51] **Int.Cl. H04H 60/33 (2009.01) H04N 21/258 (2011.01)**
[25] EN
[54] **MEASURING VIDEO-PROGRAM VIEWING**
[54] **MESURE DE VISIONNEMENT DE PROGRAMMES VIDEO**
[72] ORLOWSKI, ROBERT ALAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2014-09-05
[41] 2015-03-06
[30] US (14/020,778) 2013-09-06

---

[21] **2,861,862**
[13] A1
[51] **Int.Cl. A01J 25/15 (2006.01) A23C 19/00 (2006.01)**
[25] EN
[54] **PRESS COVER FOR A CHEESE MOLD**
[54] **ENVELOPPE DE COMPRESSION POUR MOULE A FROMAGE**
[72] WALDBURGER, PETER, CH
[71] KALT MASCHINENBAU AG, CH
[22] 2014-09-03
[41] 2015-03-04
[30] CH (01509/13) 2013-09-04

---

[21] **2,861,867**
[13] A1
[51] **Int.Cl. G01K 1/14 (2006.01) F01D 19/00 (2006.01) G01K 7/02 (2006.01) G01K 7/16 (2006.01) G01K 13/02 (2006.01) G01K 1/08 (2006.01)**
[25] EN
[54] **SPRING LOADED EXHAUST GAS TEMPERATURE SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR DE TEMPERATURE DE GAZ D'ECHAPPEMENT A RESSORT**
[72] LYON, RICHARD A, US
[72] OAKLEY JR., THOMAS P., US
[72] DALE, STEVEN M., US
[71] CONAX TECHNOLOGIES LLC, US
[22] 2014-09-04
[41] 2015-03-06
[30] US (14/020,581) 2013-09-06

---

[21] **2,861,900**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD FOR REGULATING THE POWER CONSUMED ON AN ELECTRIC POWER GRID AND CONTROL ENTITY OF THE CONSUMPTION ON THIS ELECTRIC POWER GRID**
[54] **PROCEDE DE REGULATION DE LA PUISSANCE CONSOMMEE SUR UN RESEAU ELECTRIQUE ET ENTITE DE CONTROLE DE LA CONSOMMATION SUR CE RESEAU ELECTRIQUE**
[72] DUCHATEL, JEAN-PIERRE, FR
[72] PETIT HALAJDA, STEPHANIE, FR
[71] ENERGY POOL DEVELOPPEMENT, FR
[22] 2014-09-03
[41] 2015-03-06
[30] FR (1358569) 2013-09-06

---

[21] **2,861,911**
[13] A1
[51] **Int.Cl. G06F 13/38 (2006.01) H01R 24/00 (2011.01) H02J 7/00 (2006.01)**
[25] EN
[54] **UNIVERSAL SERIAL BUS DEVICE**
[54] **DISPOSITIF DE BUS SERIEL UNIVERSEL**
[72] CHAN, KA YING, HK
[71] COMBO STUDIO LIMITED, HK
[22] 2014-09-04
[41] 2015-03-05
[30] CN (201310400699.6) 2013-09-05

---

[21] **2,861,977**
[13] A1
[51] **Int.Cl. A47K 3/34 (2006.01) E05D 13/00 (2006.01) E05F 5/02 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **SHOWER DOOR BUMPER**
[54] **BUTOIR DE PORTE DE DOUCHE**
[72] JOHNSON, MARK A., US
[72] CORPUZ JR., ROQUE M., US
[72] GREY, NATE, US
[71] KOHLER CO., US
[22] 2014-09-05
[41] 2015-03-06
[30] US (61/874,785) 2013-09-06

[21] **2,861,989**
[13] A1
[51] **Int.Cl. G06Q 90/00 (2006.01) G06Q 10/10 (2012.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **SECURE FACILITY RESIDENT GRIEVANCE/REQUEST FILING SYSTEM**
[54] **SYSTEME DE DEPOT DE DEMANDE/GRIEF D'UN RESIDENT D'UNE INSTALLATION SECURISEE**
[72] TORGERSRUD, RICHARD, US
[72] DITTO, CHRISTOPHER, US
[71] TELMATE, LLC, US
[22] 2014-09-05
[41] 2015-03-06
[30] US (61/874,960) 2013-09-06
[30] US (14/477,658) 2014-09-04

[21] **2,862,015**
[13] A1
[51] **Int.Cl. B31B 1/28 (2006.01)**
[25] EN
[54] **METHODS AND MACHINE FOR FORMING A CONTAINER FROM A BLANK USING A PRE-FOLD MANDREL SECTION**
[54] **PROCEDES ET MACHINE POUR FORMER UN CONTENANT A PARTIR D'UN FLAN AU MOYEN D'UN SEGMENT DE MANDRIN DE PRE-PLI**
[72] GRAHAM, THOMAS D., US
[72] AGANOVIC, AMER, US
[72] D'ALESIO, CLAUDIO, US
[71] ROCK-TENN SHARED SERVICES, LLC, US
[22] 2014-09-05
[41] 2015-03-06
[30] US (14/020,403) 2013-09-06

[21] **2,862,021**
[13] A1
[51] **Int.Cl. G06Q 50/08 (2012.01) G06T 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONSTRUCTION ESTIMATING**
[54] **SYSTEME ET PROCEDE POUR ESTIMATION DE CONSTRUCTIONS**
[72] MEADOWS, MICHAEL D., US
[72] FARNELL, GREGORY D., US
[72] FARNELL, CHRISTOPHER P., US
[72] LEONARD, MICHAEL J., US
[71] CONSTRUCTION SOLVER LLC, US
[22] 2014-09-05
[41] 2015-03-05
[30] US (61/874,347) 2013-09-05

[21] **2,862,054**
[13] A1
[51] **Int.Cl. F16B 19/10 (2006.01) B21J 15/02 (2006.01) F16B 35/06 (2006.01) F16B 37/06 (2006.01)**
[25] EN
[54] **A METHOD FOR THE ATTACHMENT OF A FASTENER ELEMENT TO A WORKPIECE, A COMBINATION OF A WASHER WITH A DIE BUTTON AND ALSO A DIE BUTTON**
[54] **PROCEDE DE FIXATION D'UN ELEMENT DE FIXATION A UNE PIECE, COMBINAISON D'UNE RONDELLE AVEC UN ANNEAU DE MATRICE ET AUSSI UN ANNEAU DE MATRICE**
[72] DIEHL, OLIVER, DE
[72] HUMPERT, RICHARD, DE
[72] LEMBACH, ANDREAS, DE
[71] PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG, DE
[22] 2014-09-04
[41] 2015-03-04
[30] DE (DE 102013217640.6) 2013-09-04

[21] **2,862,058**
[13] A1
[51] **Int.Cl. F16B 19/10 (2006.01) B21J 15/02 (2006.01) F16B 5/04 (2006.01)**
[25] EN
[54] **PUNCH RIVET AND ALSO A METHOD AND APPARATUSES FOR ATTACHMENT OF INDIVIDUAL COMPONENTS TO ONE ANOTHER OF WHICH AT LEAST ONE COMPONENT IS FORMED BY A WORKPIECE OF COMPOSITE MATERIAL**
[54] **RIVET POINCON AINSI QU'UN PROCEDE ET DES APPAREILS PERMETTANT LA FIXATION DE COMPOSANTS INDIVIDUELS LES UNS AUX AUTRES, AU MOINS UN COMPOSANT ETANT FORME PAR UNE PIECE DE MATERIAUCOMPOSITE**
[72] DIEHL, OLIVER, DE
[72] HUMPERT, RICHARD, DE
[72] LEMBACH, ANDREAS, DE
[71] PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG, DE
[22] 2014-09-04
[41] 2015-03-04
[30] DE (DE 102013217632.5) 2013-09-04

[21] **2,862,062**
[13] A1
[51] **Int.Cl. A01M 31/06 (2006.01)**
[25] EN
[54] **IMPROVED DECOY**
[54] **APPEAU AMELIORE**
[72] KUBINEC, SHANE, CA
[71] KUBINEC, SHANE, CA
[22] 2014-09-04
[41] 2015-03-05
[30] US (61/873,896) 2013-09-05
[30] US (14/475,979) 2014-09-03
[30] IB (PCT/IB2014/064238) 2014-09-03

[21] **2,862,063**
[13] A1
[51] **Int.Cl. A01C 15/00 (2006.01)**
[25] EN
[54] **HUB-BEARING ASSEMBLY FOR AGRICULTURAL USE**
[54] **ENSEMBLE DE ROULEMENT DE MOYEU POUR UTILISATION AGRICOLE**
[72] CIULLA, LUCA, IT
[72] PATALACCI, FERDINANDO, IT
[71] AKTIEBOLAGET SKF, SE
[22] 2014-09-05
[41] 2015-03-06
[30] IT (TO2013A000720) 2013-09-06

[21] **2,862,070**
[13] A1
[51] **Int.Cl. F16B 19/10 (2006.01) B21J 15/02 (2006.01) F16B 5/04 (2006.01)**
[25] EN
[54] **PUNCH RIVET AND METHOD FOR THE ATTACHMENT OF INDIVIDUAL COMPONENTS TO ONE ANOTHER OF WHICH AT LEAST ONE COMPONENT IS FORMED BY A WORKPIECE OF COMPOSITE MATERIAL**
[54] **RIVET POINCON ET PROCEDE PERMETTANT LA FIXATION DE COMPOSANTS INDIVIDUELS LES UNS AUX AUTRES, AU MOINS UN COMPOSANT ETANT FORME PAR UNE PIECE DE MATERIAU COMPOSITE**
[72] DIEHL, OLIVER, DE
[72] HUMPERT, RICHARD, DE
[72] LEMBACH, ANDREAS, DE
[71] PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG, DE
[22] 2014-09-04
[41] 2015-03-04
[30] DE (DE 102013217633.3) 2013-09-04

[21] **2,862,174**
[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01)**
[25] EN
[54] **SELF-LOCKING ATTACHMENT COUPLER**
[54] **COUPLEUR D'EQUIPEMENT AUTOBLOQUANT**
[72] MARTIN, MARVIN D., CA
[72] FREY, RYAN, CA
[71] 1708828 ONTARIO LIMITED, CA
[22] 2014-09-08
[41] 2015-03-06
[30] GB (1315938.9) 2013-09-06

[21] **2,862,190**
[13] A1
[51] **Int.Cl. A61B 17/90 (2006.01) A61B 17/15 (2006.01) A61B 17/58 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC SURGICAL GUIDE FOR INTRA-OPERATIVE PRODUCTION OF PATIENT-SPECIFIC AUGMENT**
[54] **GUIDE CHIRURGICAL SPECIFIQUE D'UN PATIENT POUR PRODUCTION PEROPERATOIRE D~UNE AUGMENTATION SPECIFIQUE D'UN PATIENT**
[72] COUTURE, PIERRE, CA
[71] ZIMMER INC., US
[22] 2014-09-04
[41] 2015-03-06
[30] US (14/019,884) 2013-09-06

[21] **2,862,199**
[13] A1
[51] **Int.Cl. E04H 4/00 (2006.01) E04H 4/04 (2006.01) E04H 4/14 (2006.01)**
[25] EN
[54] **GEOTEXTILE SHEETING STABILIZED FIBERGLASS SWIMMING POOL BODY**
[54] **CORPS DE PISCINE EN FIBRE DE VERRE STABILISE AU MOYEN D'UNE FEUILLE GEOTEXTILE**
[72] KHAMIS, WILLIAM, US
[72] PAUL, PHILLIP, US
[71] THURSDAY POOLS, US
[22] 2014-09-04
[41] 2015-03-04
[30] US (61/873,468) 2013-09-04

[21] **2,862,219**
[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **REGULATION METHOD FOR REGULATING AN AIR CONDITIONING SYSTEM**
[54] **PROCEDE DE REGULATION POUR REGULER UNE INSTALLATION DE CONDITIONNEMENT D'AIR**
[72] MEDIATO MARTINEZ, ANTONIO, ES
[72] GARCIA VACAS, FRANCISCO, ES
[72] VERTEDOR SANCHEZ, FRANCISCO, ES
[71] ACTIVOS ALAN, S.L., ES
[71] INGEVERT 2000, S.L., ES
[22] 2014-09-03
[41] 2015-03-05
[30] EP (13382348.4) 2013-09-05

[21] **2,862,709**
[13] A1
[51] **Int.Cl. F16B 31/00 (2006.01) F16B 35/00 (2006.01) H01R 13/621 (2006.01)**
[25] EN
[54] **TORQUE CONTROLLING BREAK SCREW**
[54] **VIS DE RUPTURE DE REGLAGE DE COUPLE**
[72] VALLETTE, RONALD, US
[72] ZAHNEN, JAMES, US
[72] LONGCOR, WILLIAM K., US
[72] SZYSZKO, STANLEY S., US
[72] CAWOOD, MATTHEW, US
[72] FONG, ROBERT, US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2014-09-05
[41] 2015-03-06
[30] US (61/874,462) 2013-09-06
[30] US (14/466,439) 2014-08-22

[21] **2,862,922**
[13] A1
[51] **Int.Cl. E01B 9/48 (2006.01) E01B 9/00 (2006.01) E01B 9/02 (2006.01)**
[25] EN
[54] **STRAY CURRENT RESISTANT DIRECT FIXATION FASTENER**
[54] **PIECE DE FIXATION A FIXATION DIRECTE RESISTANTE AU COURANT VAGABOND**
[72] CILOGLU, KORHAN, US
[72] ALSOP, ROBERT, US
[72] FRYE, PETE, US
[72] O'CONNELL, MICHAEL, US
[71] L. B. FOSTER COMPANY, US
[22] 2014-09-04
[41] 2015-03-04
[30] US (61/873,824) 2013-09-04

[21] **2,875,705**
[13] A1
[51] **Int.Cl. H05B 37/00 (2006.01) F21K 99/00 (2010.01) F21S 10/06 (2006.01) G03B 39/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PULSING AN LED LIGHT SOURCE**
[54] **PROCEDE ET SYSTEME POUR PULSER UNE SOURCE LUMINEUSE A DEL**
[72] ZHENG, MING, CA
[72] YU, SHUI, CA
[71] ZHENG, MING, CA
[22] 2014-12-23
[41] 2015-03-04

[21] **2,875,804**
[13] A1
[51] **Int.Cl. B01D 21/01 (2006.01)**
[25] EN
[54] **SEPARATION PROCESS**
[54] **PROCEDE DE SEPARATION**
[72] GALLOP, CHARLES C., US
[72] JAVERS, JEREMY EDWARD, US
[72] GERKEN, CHRISOPHER RILEY WILLIAM, US
[72] VANDERGRIEND, SAMUEL, US
[71] ICM, INC., US
[22] 2014-12-30
[41] 2015-03-04
[30] US (61/922,201) 2013-12-31

[21] **2,875,846**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING AN INFILL AND/OR A STEP-OUT WELL FOR IN SITU BITUMEN RECOVERY**
[54] **SYSTEME ET PROCEDE D'EXPLOITATION D'UN PUITS DE REMPLISSAGE OU D'EXTENSION POUR LA RECUPERATION DE BITUME IN SITU**
[72] IRANI, MAZDA, CA
[71] SUNCOR ENERGY INC., CA
[22] 2014-12-22
[41] 2015-03-04

[21] **2,876,470**
[13] A1
[51] **Int.Cl. F23D 14/22 (2006.01) F23D 11/40 (2006.01) F23D 14/58 (2006.01)**
[25] EN
[54] **BURNER SYSTEM**
[54] **SYSTEME DE COMBUSTION**
[72] KARRINGTEN, DARSELL, CA
[71] KARRINGTEN, DARSELL, CA
[22] 2014-12-31
[41] 2015-03-06

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,875,075**
[13] A1
[51] **Int.Cl. G01T 1/10 (2006.01) G01T 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RADIATION DOSIMETRY UTILIZING FLUORESCENT IMAGING WITH PRECISION CORRECTION**
[54] **PROCEDE ET APPAREIL DE DOSIMETRIE DES RAYONNEMENTS UTILISANT L'IMAGERIE EN FLUORESCENCE A CORRECTION PRECISE**
[72] AKSELROD, MARK S., US
[72] BARTZ, JAMES, US
[72] DING, FUJIAN, US
[72] FOMENKO, VASILIY V., US
[71] LANDAUER, INC., US
[85] 2014-12-11
[86] 2014-02-11 (PCT/IB2014/058924)
[87] (2875075)
[30] US (61/880,491) 2013-09-20
[30] US (14/173,890) 2014-02-06

[21] **2,877,885**
[13] A1
[51] **Int.Cl. H02S 10/12 (2014.01) H02S 10/40 (2014.01) F03D 9/00 (2006.01)**
[25] EN
[54] **PORTABLE SOLAR AND WIND-POWERED ENERGY GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE A ENERGIE EOLIENNE ET SOLAIRE PORTABLE**
[72] MILLER, LYNN A., US
[71] MILLER, LYNN A., US
[85] 2014-12-23
[86] 2011-07-01 (PCT/US2011/042875)
[87] (WO2013/006164)

[21] **2,879,731**
[13] A1
[51] **Int.Cl. A01C 7/18 (2006.01) A01C 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND APPARATUS FOR MULTI-ROW AGRICULTURAL IMPLEMENT CONTROL AND MONITORING**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE COMMANDE ET DE SURVEILLANCE DE MACHINE AGRICOLE MULTIRANGS**
[72] BAURER, PHIL, US
[72] SAUDER, TIM, US
[72] STOLLER, JASON, US
[72] SAUDER, DEREK, US
[72] HODEL, JEREMY, US
[71] PRECISION PLANTING LLC, US
[85] 2015-01-21
[86] 2013-07-25 (PCT/US2013/051971)
[87] (WO2014/018717)
[30] US (61/675,714) 2012-07-25

[21] **2,881,010**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/30 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **THERAPEUTICS DISPENSING DEVICE AND METHODS OF MAKING SAME**
[54] **DISPOSITIF D'ADMINISTRATION DE PRODUIT THERAPEUTIQUE ET SES PROCEDES DE FABRICATION**
[72] ACHARYA, GHANASHYAM, US
[72] PFLUGFELDER, STEPHEN C., US
[72] DE PAIVA, CINTIA S., US
[72] SIMPSON, JENNIFER L., US
[71] BAYLOR COLLEGE OF MEDICINE, US
[71] REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-02-03
[86] 2013-08-06 (PCT/US2013/053805)
[87] (WO2014/025792)
[30] US (61/679,908) 2012-08-06
[30] US (61/775,891) 2013-03-11

[21] **2,881,770**
[13] A1
[51] **Int.Cl. A47J 44/00 (2006.01) A47J 43/06 (2006.01) A47J 43/08 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL FOOD PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'ALIMENTS MULTIFONCTION**
[72] ROSENZWEIG, MARK, US
[71] EURO-PRO OPERATING LLC, US
[85] 2015-02-11
[86] 2012-12-12 (PCT/US2012/069233)
[87] (WO2013/090424)
[30] US (61/569,525) 2011-12-12

[21] **2,882,030**
[13] A1
[51] **Int.Cl. C12N 5/078 (2010.01) A61K 35/19 (2015.01) A61K 35/18 (2015.01) A61P 7/06 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF RED BLOOD CELLS AND PLATELETS FROM STEM CELLS**
[54] **PRODUCTION DE GLOBULES ROUGES ET DE PLAQUETTES A PARTIR DE CELLULES SOUCHES**
[72] MURPHY, GEORGE J., US
[72] SHERR, DAVID H., US
[72] ROZELLE, SARAH S., US
[72] SMITH, BRENDEN W., US
[71] BOSTON MEDICAL CENTER CORPORATION, US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2015-02-13
[86] 2013-08-15 (PCT/US2013/055160)
[87] (WO2014/028749)
[30] US (61/683,246) 2012-08-15
[30] US (13/828,357) 2013-03-14

[21] **2,882,385**
[13] A1
[51] **Int.Cl. E02F 9/00 (2006.01) B08B 5/04 (2006.01) B60S 3/04 (2006.01)**
[25] EN
[54] **COOLING DEVICE CLEANING SYSTEM FOR CONSTRUCTION MACHINE**
[54] **SYSTEME DE NETTOYAGE DU DISPOSITIF DE REFROIDISSEMENT D'UNE MACHINE DE CONSTRUCTION**
[72] CHOI, DONG-MYOUNG, KR
[72] SHIN, SUNG-HWAN, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-02-18
[86] 2012-09-04 (PCT/KR2012/007075)
[87] (WO2014/038731)

[21] **2,882,392**
[13] A1
[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/365 (2006.01) A61K 8/46 (2006.01) A61K 31/10 (2006.01) A61K 31/19 (2006.01) A61K 31/191 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **ANTISEPTIC, ANTISEBORRHEIC AND EXFOLIATING COMPOSITION TO REMOVE OR PREVENT ACNE**
[54] **COMPOSITION ANTISEPTIQUE, ANTISEBORRHEIQUE ET EXFOLIANTE POUR ELIMINER OU PREVENIR L'ACNE**
[72] MAGANA CASTRO, JOSE AGUSTIN ROGELIO, MX
[72] VAZQUEZ CARVANTES, LAURA, MX
[72] PENA SANTOYO, PEDRO, MX
[71] GRUPO MEDIFARMA, S.A. DE C.V., MX
[85] 2015-02-18
[86] 2013-08-22 (PCT/MX2013/000099)
[87] (WO2014/030992)
[30] MX (MX/a/2012/009806) 2012-08-23

[21] **2,882,395**
[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01) A01K 5/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING AN ANIMAL-RELATED ACTION**
[54] **SYSTEME ET PROCEDE D'EXECUTION D'UNE ACTION RELATIVE A UN ANIMAL**
[72] WISSE, DIK-JAN, NL
[72] VAN KUILENBURG, JAN MARTINUS, NL
[72] VAN DEN BERG, KAREL, NL
[72] KIK, PIETER JACOB, NL
[71] LELY PATENT N.V., NL
[85] 2015-02-18
[86] 2013-08-01 (PCT/NL2013/050574)
[87] (WO2014/038932)
[30] NL (2009410) 2012-09-04

[21] **2,882,398**
[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) B67D 1/04 (2006.01)**
[25] EN
[54] **CONTAINER AND VALVE FOR A CONTAINER**
[54] **RECIPIENT ET VANNE POUR UN RECIPIENT**
[72] PAAUWE, ARIE MAARTEN, NL
[72] BAX, BART JAN, NL
[72] BLOM, HAROLD MARCEL, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2015-02-18
[86] 2013-10-30 (PCT/NL2013/050770)
[87] (WO2014/070003)
[30] NL (2009731) 2012-10-30

[21] **2,882,400**
[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER AND VALVE FOR A BEVERAGE CONTAINER**
[54] **RECIPIENT DE BOISSON ET VALVE POUR UN RECIPIENT DE BOISSON**
[72] PAAUWE, ARIE MAARTEN, NL
[72] BAX, BART JAN, NL
[72] BLOM, HAROLD MARCEL, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2015-02-18
[86] 2013-10-30 (PCT/NL2013/050771)
[87] (WO2014/070004)
[30] NL (2009732) 2012-10-30

[21] **2,882,402**
[13] A1
[51] **Int.Cl. B29B 11/16 (2006.01) B29C 53/04 (2006.01) B29C 70/22 (2006.01) B29C 70/46 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR PRODUCING PREFORMS**
[54] **DISPOSITIF ET PROCEDE POUR LA REALISATION DE PREFORMES**
[72] MATHON, RICHARD, FR
[72] MAGNAUDEIX, DOMINIQUE, FR
[72] SOUHAITE, NOEMIE, FR
[72] MARCHAL, YANN, FR
[72] GIMAT, MATTHIEU, US
[71] SNECMA, FR
[85] 2015-02-18
[86] 2013-08-14 (PCT/FR2013/051942)
[87] (WO2014/033390)
[30] FR (1258041) 2012-08-28

[21] **2,882,502**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CELIAC SPRUE DISEASE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIE C□LIAQUE**
[72] SIEGEL, JUSTIN, US
[72] BAKER, DAVID, US
[72] GORDON, SYDNEY RIN ANNA, US
[72] PULTZ, INGRID SWANSON, US
[72] STANLEY, ELIZABETH JOY, US
[72] WOLF, SARAH JANE, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2014-12-17
[86] 2012-08-10 (PCT/US2012/050364)
[87] (WO2013/023151)
[30] US (61/521,899) 2011-08-10

[21] **2,882,504**
[13] A1
[51] **Int.Cl. C09K 3/24 (2006.01)**
[25] EN
[54] **ARTIFICIAL SNOW AT NORMAL TEMPERATURE**
[54] **NEIGE ARTIFICIELLE A TEMPERATURE NORMALE**
[72] SUN, YINGUI, CN
[71] SUN, YINGUI, CN
[85] 2015-02-17
[86] 2012-08-27 (PCT/CN2012/080640)
[87] (WO2014/032226)

[21] **2,882,506**
[13] A1
[51] **Int.Cl. C07D 209/56 (2006.01) C07D 209/48 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING TECOVIRIMAT**
[54] **PROCEDE DE PREPARATION DE TECOVIRIMAT**
[72] DAI, DONGCHENG, US
[71] SIGA TECHNOLOGIES, INC., US
[85] 2015-02-11
[86] 2013-08-14 (PCT/US2013/054816)
[87] (WO2014/028545)
[30] US (61/683,905) 2012-08-16

[21] **2,882,520**
[13] A1
[51] **Int.Cl. C07D 213/81 (2006.01) A61K 31/4439 (2006.01) A61P 1/00 (2006.01) A61P 25/16 (2006.01) A61P 25/24 (2006.01) C07D 413/06 (2006.01)**
[25] EN
[54] **ETHYNYL DERIVATIVES AS MODULATORS OF MGLUR5 RECEPTOR ACTIVITY**
[54] **DERIVES D'ETHYNYLE COMME MODULATEURS DE L'ACTIVITE DES RECEPTEURS MGLUR5**
[72] JAESCHKE, GEORG, CH
[72] LINDEMANN, LOTHAR, CH
[72] RICCI, ANTONIO, CH
[72] RUEHER, DANIEL, FR
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-02-19
[86] 2013-10-15 (PCT/EP2013/071500)
[87] (WO2014/060398)
[30] EP (12188940.6) 2012-10-18

[21] **2,882,522**
[13] A1
[51] **Int.Cl. A23L 2/78 (2006.01) C12G 1/02 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C13K 11/00 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A SUGAR PRODUCT FROM FRUIT**
[54] **PROCEDE DE PRODUCTION DE PRODUIT CONTENANT DU SUCRE A PARTIR D'UN FRUIT**
[72] FORACI, FABIO, IT
[72] VALLINI, VERONICA, IT
[71] NATURALIA INGREDIENTS S.R.L., IT
[85] 2015-02-19
[86] 2012-08-20 (PCT/IB2012/054210)
[87] (WO2014/030030)

[21] **2,882,524**
[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING COMPOSITE STRUCTURES AND CONSUMABLE ASSEMBLY THEREFOR**
[54] **PROCEDE DE PREPARATION DE STRUCTURES COMPOSITES ET ENSEMBLE CONSOMMABLE ASSOCIE**
[72] CHARBONNEAU, ALAIN, CA
[72] FERLAND, JEROME, CA
[72] THERIEN, ROYAL, CA
[72] ANDRE, JACQUES, CA
[72] URBIOLA, JOSE ALBERTO, MX
[71] BOMBARDIER INC., CA
[85] 2015-02-19
[86] 2012-08-23 (PCT/IB2012/054270)
[87] (WO2014/030036)

[21] **2,882,526**
[13] A1
[51] **Int.Cl. E02B 3/06 (2006.01)**
[25] EN
[54] **ENERGY DISSIPATOR**
[54] **DISSIPATEUR D'ENERGIE**
[72] BURT, MICHAEL, IL
[71] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED, IL
[85] 2015-02-19
[86] 2013-07-16 (PCT/IL2013/050598)
[87] (WO2014/013484)
[30] US (61/671,808) 2012-07-16

[21] **2,882,572**
[13] A1
[51] **Int.Cl. A23D 9/007 (2006.01) A21D 13/00 (2006.01) A21D 13/08 (2006.01)**
[25] EN
[54] **BAKERY FAT SYSTEM**
[54] **SYSTEME DE MATIERE GRASSE POUR BOULANGERIE**
[72] SMITH, PAUL RAYMOND, BE
[72] VEELAERT, SARAH, BE
[72] MORAN, PATRICK, US
[72] KARLESKIND, DANIELE MARIE-ANTOINETTE, BE
[72] METIN, SERPIL, US
[71] SMITH, PAUL RAYMOND, BE
[71] VEELAERT, SARAH, BE
[71] MORAN, PATRICK, US
[71] KARLESKIND, DANIELE MARIE-ANTOINETTE, BE
[71] CARGILL, INCORPORATED, US
[71] METIN, SERPIL, US
[85] 2014-10-01
[86] 2013-04-01 (PCT/US2013/034804)
[87] (WO2013/151931)
[30] US (61/619,099) 2012-04-02
[30] EP (12004242.9) 2012-06-04

[21] **2,882,724**
[13] A1
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/403 (2006.01) A61K 31/4155 (2006.01) A61K 31/416 (2006.01) A61K 31/4162 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPLEMENT PATHWAY MODULATORS AND USES THEREOF**
[54] **MODULATEURS DE TRAJET DE COMPLEMENT ET LEURS UTILISATIONS**
[72] HOMMEL, ULRICH, CH
[72] LORTHIOIS, EDWIGE LILIANE JEANNE, CH
[72] MAIBAUM, JUERGEN KLAUS, CH
[72] OSTERMANN, NILS, CH
[72] RANDL, STEFAN ANDREAS, DE
[72] VULPETTI, ANNA, CH
[72] ROGEL, OLIVIER (DECEASED), CH
[71] NOVARTIS AG, CH
[85] 2015-01-07
[86] 2013-06-27 (PCT/IB2013/055302)
[87] (WO2014/009833)
[30] US (61/670,868) 2012-07-12
[30] US (61/774,234) 2013-03-07

[21] **2,882,726**
[13] A1
[51] **Int.Cl. F02K 1/72 (2006.01) B64D 29/06 (2006.01)**
[25] FR
[54] **FRONT FRAME FOR A CASCADE THRUST REVERSER STRUCTURE**
[54] **CADRE AVANT POUR UNE STRUCTURE D'INVERSEUR DE POUSSEE A GRILLES DE DEVIATION**
[72] CAZUC, XAVIER, FR
[72] JORET, JEAN-PHILIPPE, FR
[71] AIRCELLE, FR
[85] 2015-02-20
[86] 2013-09-02 (PCT/FR2013/052011)
[87] (WO2014/033412)
[30] FR (12/58173) 2012-09-03

[21] **2,882,729**
[13] A1
[51] **Int.Cl. E04H 13/00 (2006.01)**
[25] EN
[54] **OBELISK COLUMBARIUM STRUCTURE**
[54] **STRUCTURE D'OBELISQUE DE COLUMBARIUM**
[72] EICKHOF, PAUL M., US
[72] HINES, BLAIR, US
[71] EICKHOF COLUMBARIA, INC., US
[85] 2015-02-20
[86] 2013-03-15 (PCT/US2013/032146)
[87] (WO2014/031168)
[30] US (13/589,807) 2012-08-20

[21] **2,882,731**
[13] A1
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/174 (2014.01) H04N 19/436 (2014.01) H04N 19/44 (2014.01) H04N 19/58 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE**
[72] ESENLIK, SEMIH, DE
[72] NARROSCHKE, MATTHIAS, DE
[72] WEDI, THOMAS, DE
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2015-02-20
[86] 2013-09-05 (PCT/JP2013/005269)
[87] (WO2014/049980)
[30] US (61/705,891) 2012-09-26

[21] **2,882,734**
[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01)**
[25] EN
[54] **TRANSDUCER INTERFACE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INTERFACE DE TRANSDUCTEUR**
[72] PURDY, PHILLIP DOUGLAS, US
[72] JENNINGS, RONALD BRUCE, US
[71] ENDOPHYS HOLDINGS, LLC, US
[85] 2015-02-20
[86] 2013-07-19 (PCT/US2013/051365)
[87] (WO2014/015295)
[30] US (61/673,895) 2012-07-20
[30] US (13/946,646) 2013-07-19

[21] **2,882,736**
[13] A1
[51] **Int.Cl. F15B 15/20 (2006.01) F15B 15/26 (2006.01)**
[25] EN
[54] **COATINGS FOR FLUID ENERGY DEVICE COMPONENTS**
[54] **REVETEMENTS POUR COMPOSANTS DE DISPOSITIF A ENERGIE LIQUIDE**
[72] BARNARD, DANA EMERSON, US
[71] BARSON COMPOSITES CORPORATION, US
[85] 2015-02-20
[86] 2013-08-23 (PCT/US2013/056398)
[87] (WO2014/031963)
[30] US (61/692,993) 2012-08-24

[21] **2,882,737**
[13] A1
[51] **Int.Cl. B65D 47/34 (2006.01) B05B 11/00 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **UPRIGHT SQUEEZE FOAMER**
[54] **GENERATEUR DE MOUSSE VERTICAL PAR PRESSION MANUELLE**
[72] ARMINAK, ARMIN, US
[71] ARMINAK & ASSOCIATES, LLC, US
[85] 2015-02-20
[86] 2013-08-12 (PCT/US2013/054523)
[87] (WO2014/031379)
[30] US (61/691,427) 2012-08-21

[21] **2,882,753**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **MESOTHELIN DOMAIN-SPECIFIC MONOCLONAL ANTIBODIES AND USE THEREOF**
[54] **ANTICORPS MONOCLONAUX SPECIFIQUES AU DOMAINE DE LA MESOTHELINE ET UTILISATION DE CES DERNIERS**
[72] GAO, WEI, US
[72] HASSAN, RAFFIT, US
[72] HO, MITCHELL, US
[72] PASTAN, IRA H., US
[72] PHUNG, YEN T., US
[72] ZHANG, YIFAN, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2015-02-20
[86] 2013-08-16 (PCT/US2013/055273)
[87] (WO2014/031476)
[30] US (61/691,719) 2012-08-21

[21] **2,882,755**
[13] A1
[51] **Int.Cl. C08L 23/00 (2006.01) C08K 5/098 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **POLYOLEFIN COMPOSITION COMPRISING THERMOPLASTIC STARCH**
[54] **COMPOSITION DE POLYOLEFINE COMPRENANT DE L'AMIDON THERMOPLASTIQUE**
[72] SCHEIRS, JOHN, AU
[72] LEUFGENS, MARKUS, AU
[71] TRISTANO PTY LTD, AU
[85] 2015-02-23
[86] 2013-08-23 (PCT/AU2013/000938)
[87] (WO2014/028977)
[30] AU (2012903672) 2012-08-24

[21] **2,882,756**
[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23K 1/14 (2006.01) A23L 1/10 (2006.01) C07H 21/00 (2006.01) C07K 14/415 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **WHEAT WITH NEW ALLELES OF RHT-B1**
[54] **BLE A NOUVELLES ALLELES DE RHT-B1**
[72] CHANDLER, PETER MICHAEL, AU
[72] HARDING, CAROL ANNE, AU
[71] GRAINS RESEARCH AND DEVELOPMENT CORPORATION, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2015-02-23
[86] 2013-08-22 (PCT/AU2013/000942)
[87] (WO2014/028980)
[30] AU (2012903673) 2012-08-24

[21] **2,882,760**
[13] A1
[51] **Int.Cl. B62B 3/02 (2006.01) B62B 3/12 (2006.01) B62B 3/14 (2006.01)**
[25] EN
[54] **FOLDABLE SHOPPING CART**
[54] **CHARIOT A PROVISIONS PLIABLE**
[72] DHAND, ARTI, CA
[72] GRANT, SCOTT, CA
[72] GAMBLIN, MORNA, CA
[71] DHAND, ARTI, CA
[85] 2015-02-23
[86] 2014-02-06 (PCT/CA2014/050072)
[87] (WO2015/021537)
[30] US (61/864,605) 2013-08-11

[21] **2,882,765**
[13] A1
[51] **Int.Cl. G05B 9/02 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **METHODS, APPARATUS, COMPUTER READABLE MEDIA, AND COMPUTER PROGRAMS FOR ESTIMATING MISSING REAL-TIME DATA FOR INTELLIGENT FIELDS**
[54] **PROCEDES, APPAREIL, SUPPORTS LISIBLES PAR ORDINATEUR ET PROGRAMMES D'ORDINATEUR POUR ESTIMER DES DONNEES EN TEMPS REEL MANQUANTES POUR DES CHAMPS INTELLIGENTS**
[72] ABITRABI, ABDEL NASSER, SA
[72] AAJMI, FAHAD, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-02-20
[86] 2013-09-04 (PCT/US2013/057989)
[87] (WO2014/039512)
[30] US (61/698,275) 2012-09-07
[30] US (13/731,238) 2012-12-31
[30] US (13/731,257) 2012-12-31
[30] US (13/889,126) 2013-05-07
[30] US (13/889,136) 2013-05-07

[21] **2,882,766**
[13] A1
[51] **Int.Cl. C08L 63/00 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **SILOXANE ORGANIC HYBRID MATERIALS PROVIDING FLEXIBILITY TO EPOXY-BASED COATING COMPOSITONS**
[54] **MATIERES HYBRIDES ORGANIQUES DE SILOXANE FOURNISSANT UNE FLEXIBILITE A DES COMPOSITIONS DE REVETEMENT A BASE D'EPOXY**
[72] GEISMANN, CHRISTIAN, DE
[72] KUMAR, VIKRAM, US
[72] KONDOS, CONSTANTINE, US
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2015-02-20
[86] 2013-09-05 (PCT/US2013/058161)
[87] (WO2014/042944)
[30] US (13/611,791) 2012-09-12

[21] **2,882,767**
[13] A1
[51] **Int.Cl. E21B 47/005 (2012.01) G01N 33/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IN SITU MONITORING OF CEMENT SLURRY LOCATIONS AND SETTING PROCESSES THEREOF**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE IN SITU D'EMPLACEMENTS DE LAITIER DE CIMENT ET DE PROCESSUS DE PRISE DU CIMENT**
[72] PELLETIER, MICHAEL T., US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] REDDY, B. RAGHAVA, US
[72] SANTRA, ASHOK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-20
[86] 2013-09-11 (PCT/US2013/059169)
[87] (WO2014/043181)
[30] US (13/615,681) 2012-09-14

[21] **2,882,768**
[13] A1
[51] **Int.Cl. A61L 27/34 (2006.01) A61L 17/14 (2006.01) A61L 27/54 (2006.01) A61L 29/08 (2006.01) A61L 29/16 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01) C09D 129/04 (2006.01)**
[25] EN
[54] **POLYTETRAFLUOROETHYLENE CO-POLYMER EMULSIONS**
[54] **EMULSIONS DE COPOLYMERE DE POLYTETRAFLUOROETHYLENE**
[72] CLEEK, ROBERT L., US
[72] CULLY, EDWARD H., US
[72] DRUMHELLER, PAUL D., US
[72] HOLLAND, THERESA A., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-02-20
[86] 2013-09-13 (PCT/US2013/059787)
[87] (WO2014/043556)
[30] US (61/700,842) 2012-09-13
[30] US (61/780,913) 2013-03-13
[30] US (14/025,706) 2013-09-12
[30] US (14/025,708) 2013-09-12

[21] **2,882,769**
[13] A1
[51] **Int.Cl. G08B 25/00 (2006.01) H04W 4/16 (2009.01) H04W 76/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR UNTETHERED TWO-WAY VOICE COMMUNICATION FOR AN ALARM SYSTEM**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION VOCALE BIDIRECTIONNELLE NON FIXE POUR UN SYSTEME D'ALARME**
[72] GREGORY, MICHAEL, US
[71] NUMEREX CORP., US
[85] 2015-02-20
[86] 2013-09-27 (PCT/US2013/062234)
[87] (WO2014/052785)
[30] US (61/707,232) 2012-09-28

[21] **2,882,770**
[13] A1
[51] **Int.Cl. B65B 5/10 (2006.01) B65B 57/20 (2006.01) G01S 17/02 (2006.01)**
[25] EN
[54] **A STORAGE AND DOSING STATION FOR STORAGE AND DISPENSING DOSED QUANTITIES OF SOLID DRUG PORTIONS**
[54] **STATION DE STOCKAGE ET DE DOSAGE, POUR LE STOCKAGE ET LA DISTRIBUTION DE QUANTITES DOSEES DE PORTIONS DE MEDICAMENTS SOLIDES**
[72] VAN WIJNGAARDEN, ARIE, NL
[71] CAREFUSION SWITZERLAND 317 SARL, CH
[85] 2015-02-23
[86] 2013-08-16 (PCT/EP2013/067174)
[87] (WO2014/032996)
[30] EP (12182634.1) 2012-08-31

[21] **2,882,771**
[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/194 (2006.01) A61K 31/197 (2006.01) A61K 31/216 (2006.01) A61K 31/4192 (2006.01)**
[25] EN
[54] **NEP INHIBITORS FOR TREATING DISEASES CHARACTERIZED BY ATRIAL ENLARGEMENT OR REMODELING**
[54] **INHIBITEURS DE NEP POUR LE TRAITEMENT DE MALADIES CARACTERISEES PAR UN AGRANDISSEMENT ATRIAL OU UNE REMODELISATION ATRIALE**
[72] SCHUMACHER, CHRISTOPH, CH
[72] HOLBRO, THOMAS, CH
[71] NOVARTIS AG, CH
[85] 2015-02-23
[86] 2013-08-22 (PCT/EP2013/067472)
[87] (WO2014/029848)
[30] US (61/692,911) 2012-08-24

[21] **2,882,772**
[13] A1
[51] **Int.Cl. A61B 17/76 (2006.01) A61B 17/78 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **BONE FIXATION DEVICE**
[54] **DISPOSITIF DE FIXATION D'OS**
[72] MOHAMED, HOSSAM ABDEL SALAM EL SAYED, CA
[72] AL MANSOUR, HOUDA ABDULRAHMAN M., CA
[71] MOHAMED, HOSSAM ABDEL SALAM EL SAYED, CA
[71] AL MANSOUR, HOUDA ABDULRAHMAN M., CA
[85] 2015-02-19
[86] 2013-01-28 (PCT/IB2013/000100)
[87] (WO2014/114968)

[21] **2,882,773**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE AND ELECTRONIC CIGARETTE DEVICE**
[54] **CIGARETTE ELECTRONIQUE ET DISPOSITIF A CIGARETTE ELECTRONIQUE**
[72] LIU, QIUMING, CN
[71] KIMREE HI-TECH INC., VG
[85] 2015-02-23
[86] 2012-08-31 (PCT/CN2012/080843)
[87] (WO2014/032275)

[21] **2,882,774**
[13] A1
[51] **Int.Cl. F17D 1/16 (2006.01) B01F 17/00 (2006.01) C07C 29/151 (2006.01) C07C 29/20 (2006.01) C07C 41/09 (2006.01) C07C 41/34 (2006.01) C07C 41/42 (2006.01) F17D 1/17 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE TRANSPORTABILITY OF HEAVY CRUDE OIL**
[54] **PROCEDE D'AMELIORATION DE L'APTITUDE A L'ECOULEMENT DE PETROLE BRUT LOURD**
[72] WAGNER, ULRICH, DE
[72] BALTHASAR, WOLFF, DE
[72] MULLER, DIERK, DE
[71] WAGNER, ULRICH, DE
[71] BALTHASAR, WOLFF, DE
[71] MULLER, DIERK, DE
[85] 2015-02-23
[86] 2013-08-22 (PCT/DE2013/100302)
[87] (WO2014/036994)
[30] DE (PCT/DE2012/100262) 2012-09-04

[21] **2,882,775**
[13] A1
[51] **Int.Cl. G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REPRODUCING AN AUDIO SIGNAL, APPARATUS AND METHOD FOR GENERATING A CODED AUDIO SIGNAL, COMPUTER PROGRAM AND CODED AUDIO SIGNAL**
[54] **APPAREIL ET PROCEDE DE REPRODUCTION D'UN SIGNAL AUDIO, APPAREIL ET PROCEDE DE GENERATION D'UN SIGNAL AUDIO CODE, PROGRAMME D'ORDINATEUR ET SIGNAL AUDIO CODE**
[72] DISCH, SASCHA, DE
[72] SCHUBERT, BENJAMIN, DE
[72] MULTRUS, MARKUS, DE
[72] HELMRICH, CHRISTIAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD
[85] 2015-02-23
[86] 2013-08-27 (PCT/EP2013/067730)
[87] (WO2014/033131)
[30] US (61/693,575) 2012-08-27
[30] EP (12187265.9) 2012-10-04

[21] **2,882,776**
[13] A1
[51] **Int.Cl. G01N 23/04 (2006.01) D07B 1/14 (2006.01)**
[25] EN
[54] **METHOD FOR NON-DESTRUCTIVE TESTING OF SYNTHETIC ROPES AND ROPE SUITABLE FOR USE THEREIN**
[54] **PROCEDE POUR ESSAI NON DESTRUCTIF DE CORDES SYNTHETIQUES ET CORDE APPROPRIEE POUR UNE UTILISATION DANS CELUI-CI**
[72] GRABANDT, OTTO, NL
[72] VAN BERKEL, BERTIL, NL
[72] OOSTERHUIS, FOLKERT, NL
[72] MATHEW, TONY, NL
[72] AKKER, PETER GERARD, NL
[71] TEIJIN ARAMID B.V., NL
[85] 2015-02-23
[86] 2013-09-03 (PCT/EP2013/068185)
[87] (WO2014/037350)
[30] EP (12182921.2) 2012-09-04

[21] **2,882,777**
[13] A1
[51] **Int.Cl. B42D 15/00 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT AND SECURITY DOCUMENT**
[54] **ELEMENT DE SECURITE ET DOCUMENT DE SECURITE**
[72] TOMPKIN, WAYNE ROBERT (DECEASED), CH
[72] WALTER, HARALD, CH
[72] MADER, SEBASTIAN, CH
[71] OVD KINEGRAM AG, CH
[85] 2015-02-23
[86] 2013-09-03 (PCT/EP2013/068193)
[87] (WO2014/033324)
[30] DE (10 2012 108 169.7) 2012-09-03

[21] **2,882,779**
[13] A1
[51] **Int.Cl. D21H 13/08 (2006.01) A47J 31/08 (2006.01) B01D 39/16 (2006.01) B65D 85/808 (2006.01) D21H 27/08 (2006.01)**
[25] EN
[54] **TRANSPARENT FILTER MATERIAL**
[54] **MATERIAU FILTRANT TRANSPARENT**
[72] KELLNER, JURGEN, DE
[72] MEGER, DANNY, DE
[71] GLATFELTER GERNSBACH GMBH & CO. KG, DE
[85] 2015-02-20
[86] 2013-08-20 (PCT/EP2013/067270)
[87] (WO2014/048638)
[30] EP (12186554.7) 2012-09-28

[21] **2,882,781**
[13] A1
[51] **Int.Cl. C07K 16/10 (2006.01) A61K 31/198 (2006.01) A61K 39/42 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATING THE REMYELINATION BLOCKADE IN DISEASES ASSOCIATED WITH THE EXPRESSION OF HERV-W ENVELOPE PROTEIN**
[54] **COMPOSE POUR LE TRAITEMENT DE L'INHIBITION DE LA REMYELINISATION DANS DES MALADIES ASSOCIEES A L'EXPRESSION DE LA PROTEINE D'ENVELOPPE HERV-W**
[72] PERRON, HERVE, FR
[72] FIROUZI, REZA, FR
[72] KURY, PATRICK, DE
[72] FAUCARD, RAPHAEL, FR
[72] MADEIRA, ALEXANDRA, FR
[72] JOUANOU, JULIE, FR
[71] GENEURO SA, CH
[85] 2015-02-23
[86] 2013-10-01 (PCT/EP2013/070452)
[87] (WO2014/053489)
[30] US (61/708 779) 2012-10-02
[30] US (61/746 792) 2012-12-28

[21] **2,882,786**
[13] A1
[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/505 (2006.01) A61P 31/12 (2006.01) C07D 239/48 (2006.01)**
[25] EN
[54] **ACYLAMINOPYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS AND FURTHER DISEASES**
[54] **DERIVES D'ACYLAMINOPYRIMIDINE POUR LE TRAITEMENT D'INFECTIONS VIRALES ET D'AUTRES MALADIES**
[72] MC GOWAN, DAVID CRAIG, BE
[72] PIETERS, SERGE MARIA ALOYSIUS, NL
[72] EMBRECHTS, WERNER, BE
[72] LAST, STEFAAN JULIEN, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2015-02-23
[86] 2013-10-03 (PCT/EP2013/070619)
[87] (WO2014/053595)
[30] EP (12187519.9) 2012-10-05

[21] **2,882,789**
[13] A1
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **CONTROL SIGNALLING METHOD**
[54] **PROCEDE DE TRANSMISSION DE SIGNAUX DE COMMANDE**
[72] NGUYEN, PHONG, AU
[72] LAN, YUANRONG, AU
[71] NEC CORPORATION, JP
[85] 2015-02-23
[86] 2013-08-30 (PCT/JP2013/005137)
[87] (WO2014/076857)
[30] AU (2012905006) 2012-11-14

[21] **2,882,790**
[13] A1
[51] **Int.Cl. A61K 38/01 (2006.01) A61K 35/20 (2006.01)**
[25] EN
[54] **USE OF A CASEIN HYDROLYSATE AS AN ANTIHERPETIC AGENT**
[54] **UTILISATION D'UN HYDROLYSAT DE CASEINE COMME AGENT ANTIHERPETIQUE**
[72] LOPEZ ZARCO, GUILLERMO, ES
[72] ADELL WINKLER, PERE, ES
[71] NTD LABS, S.L., ES
[85] 2015-02-23
[86] 2013-08-21 (PCT/IB2013/056775)
[87] (WO2014/030125)
[30] ES (201231324) 2012-08-23

[21] **2,882,792**
[13] A1
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/136 (2014.01) H04N 19/174 (2014.01) H04N 19/58 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE**
[72] ESENLIK, SEMIH, DE
[72] NARROSCHKE, MATTHIAS, DE
[72] WEDI, THOMAS, DE
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2015-02-23
[86] 2013-09-18 (PCT/JP2013/005514)
[87] (WO2014/050030)
[30] US (61/705,864) 2012-09-26

[21] **2,882,795**
[13] A1
[51] **Int.Cl. G05D 23/13 (2006.01)**
[25] EN
[54] **THERMOSTATIC MIXER VALVE**
[54] **MITIGEUR THERMOSTATIQUE**
[72] OTTELLI, GIORDANO, IT
[71] ARTIS S.R.L., IT
[85] 2015-02-23
[86] 2013-08-30 (PCT/IB2013/058160)
[87] (WO2014/033678)
[30] IT (BS2012A000131) 2012-08-30

[21] **2,882,797**
[13] A1
[51] **Int.Cl. A01H 1/02 (2006.01) A01H 4/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **CYTOPLASMIC MALE STERILE EUSTOMA AND A METHOD FOR DEVELOPING THEREOF**
[54] **EUSTOMA AYANT UNE STERILITE MALE CYTOPLASMIQUE ET PROCEDE DE PRODUCTION DE LADITE EUSTOMA**
[72] MORI, KAZUTOSHI, JP
[72] IZUMIDA, ATSUSHI, JP
[72] HORIUCHI, SHINGO, JP
[72] SUZUKI, TAKAO, JP
[71] SAKATA SEED CORPORATION, JP
[85] 2015-02-23
[86] 2013-09-26 (PCT/JP2013/005722)
[87] (WO2014/050116)
[30] JP (2012-213296) 2012-09-27

[21] **2,882,798**
[13] A1
[51] **Int.Cl. F16F 15/30 (2006.01) F03G 3/08 (2006.01) F16C 19/02 (2006.01) F16C 32/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAGNETICALLY UNLOADING A ROTOR BEARING**
[54] **APPAREIL ET PROCEDE POUR DECHARGER MAGNETIQUEMENT UN PALIER DE ROTOR**
[72] SANDERS, SETH ROBERT, US
[71] AMBER KINETICS, INC., US
[85] 2015-02-19
[86] 2013-08-22 (PCT/US2013/056283)
[87] (WO2014/031905)
[30] US (61/692,631) 2012-08-23

[21] **2,882,799**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 19/18 (2006.01) E21B 47/16 (2006.01)**
[25] EN
[54] **TURBINE DRILLING ASSEMBLY WITH NEAR DRILL BIT SENSORS**
[54] **ENSEMBLE DE FORAGE PAR TURBINE COMPORTANT DES CAPTEURS PROCHES DU FORET**
[72] DOWNIE, ANDREW M., GB
[72] CRAMPTON, CHRISTOPHER P., GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-19
[86] 2012-08-21 (PCT/US2012/051743)
[87] (WO2014/031108)

[21] **2,882,800**
[13] A1
[51] **Int.Cl. G01N 33/28 (2006.01) C04B 40/00 (2006.01) E21B 33/03 (2006.01) E21B 33/13 (2006.01) E21B 43/10 (2006.01) E21B 47/00 (2012.01) G01N 21/17 (2006.01) G01N 21/85 (2006.01) G01N 33/38 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUSES FOR IN SITU MONITORING OF CEMENT FLUID COMPOSITIONS AND SETTING PROCESSES THEREOF**
[54] **SYSTEMES, PROCEDES, ET DISPOSITIFS POUR LA SURVEILLANCE IN SITU DE COMPOSITIONS FLUIDES DE CIMENT ET DE LEUR PROCESSUS DE PRISE**
[72] PELLETIER, MICHAEL T., US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] REDDY, B. RAGHAVA, US
[72] SANTRA, ASHOK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-19
[86] 2013-08-27 (PCT/US2013/056814)
[87] (WO2014/042867)
[30] US (13/615,744) 2012-09-14

[21] **2,882,801**
[13] A1
[51] **Int.Cl. C40B 40/10 (2006.01) C07K 1/04 (2006.01) C40B 30/04 (2006.01) C40B 40/04 (2006.01) C40B 40/06 (2006.01) C40B 50/14 (2006.01) G01N 33/543 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **IMMUNOSIGNATURING: A PATH TO EARLY DIAGNOSIS AND HEALTH MONITORING**
[54] **IMMUNO-SIGNATURE : UNE VOIE VERS LE DIAGNOSTIC PRECOCE ET LA SURVEILLANCE DE LA SANTE**
[72] JOHNSTON, STEPHEN ALBERT, US
[72] STAFFORD, PHILLIP, US
[72] WOODBURY, NEAL, US
[71] ARIZONA BOARD OF REGENTS, A BODY CORPORATE OF THE STATE OF ARIZONA, ACTING FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2015-02-19
[86] 2013-08-29 (PCT/US2013/057373)
[87] (WO2014/036312)
[30] US (61/694,598) 2012-08-29

[21] **2,882,802**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) A61K 35/44 (2015.01) A61L 27/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING RETINAL PIGMENT EPITHELIAL CELL SHEET**
[54] **PROCEDE POUR LA PRODUCTION D'UN FEUILLET CELLULAIRE EPITHELIAL PIGMENTAIRE DE LA RETINE**
[72] TAKAHASHI, MASAYO, JP
[72] KAMAO, HIROYUKI, JP
[71] RIKEN, JP
[85] 2015-02-23
[86] 2013-08-23 (PCT/JP2013/072589)
[87] (WO2014/030749)
[30] JP (2012-185932) 2012-08-24

[21] **2,882,803**
[13] A1
[51] **Int.Cl. H02M 5/458 (2006.01) H02J 4/00 (2006.01) H02M 1/08 (2006.01) H02M 3/07 (2006.01) H02M 3/335 (2006.01) H05B 37/00 (2006.01)**
[25] EN
[54] **POWER DEVICE**
[54] **DISPOSITIF DE PUISSANCE**
[72] FREEMAN, MICHAEL H., US
[72] WEAVER, W. J. JIM., JR., US
[72] FREEMAN, MITCHAEL C., US
[72] DIETER, ROBERT, US
[72] SANTEE, BRIAN, US
[71] ADVANCED CHARGING TECHNOLOGIES, LLC, US
[85] 2015-02-17
[86] 2013-08-16 (PCT/US2013/055402)
[87] (WO2014/028866)
[30] AU (2012216284) 2012-08-17
[30] US (13/588,262) 2012-08-17
[30] US (61/762,785) 2013-02-08
[30] US (61/762,723) 2013-02-08
[30] US (61/762,762) 2013-02-08
[30] US (13/843,401) 2013-03-15
[30] US (13/841,944) 2013-03-15
[30] US (61/809,080) 2013-04-05
[30] US (61/809,732) 2013-04-08
[30] US (61/835,438) 2013-06-14
[30] US (61/841,079) 2013-06-28
[30] US (61/844,784) 2013-07-10
[30] US (61/847,473) 2013-07-17
[30] US (61/857,373) 2013-07-23
[30] US (61/859,445) 2013-07-29

[21] **2,882,804**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07K 16/28 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CONDITIONS WITH ANTIBODIES THAT BIND COLONY STIMULATING FACTOR 1 RECEPTOR (CSF1R)**
[54] **METHODES DE TRAITEMENT DE PATHOLOGIES PAR DES ANTICORPS QUI SE LIENT AU RECEPTEUR DU FACTEUR STIMULANT LES COLONIES 1 (CSF1R)**
[72] WONG, BRIAN, US
[72] MASTELLER, EMMA, US
[72] REEDQUIST, KRIS, US
[72] ZANGHI, JAMES ALLEN, US
[72] HAMBLETON, JULIE, US
[72] BAKER, KEVIN, US
[71] FIVE PRIME THERAPEUTICS, INC., US
[85] 2015-02-19
[86] 2013-08-30 (PCT/US2013/057442)
[87] (WO2014/036357)
[30] US (61/695,641) 2012-08-31
[30] US (61/767,989) 2013-02-22
[30] US (61/778,706) 2013-03-13

[21] **2,882,805**
[13] A1
[51] **Int.Cl. F03B 3/12 (2006.01) E21F 1/08 (2006.01) F03D 1/06 (2006.01) F24F 7/02 (2006.01) F24F 11/00 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **VENTILATOR AND BLADE THEREFOR**
[54] **AERATEUR ET AUBE POUR CELUI-CI**
[72] MUNN, DEREK, AU
[72] ALFAKHRANY, TAREK, AU
[72] SCHWECKE, COLIN, AU
[71] CSR BUILDING PRODUCTS LIMITED, AU
[85] 2015-02-23
[86] 2013-09-09 (PCT/AU2013/001020)
[87] (WO2014/036611)
[30] AU (2012903918) 2012-09-07

[21] **2,882,806**
[13] A1
[51] **Int.Cl. C08K 3/10 (2006.01) C02F 1/42 (2006.01) C08F 2/44 (2006.01) C08F 20/06 (2006.01)**
[25] EN
[54] **POLYMER BEADS INCORPORATING SOLID PARTICULATE MATERIAL**
[54] **PERLES POLYMERES INCORPORANT UN MATERIAU PARTICULAIRE SOLIDE**
[72] ZHAO, WEIGUO, AU
[72] RAYMOND, MATTHEW ROY, AU
[71] ORICA AUSTRALIA PTY LTD, AU
[85] 2015-02-24
[86] 2013-08-28 (PCT/AU2013/000956)
[87] (WO2014/032092)
[30] AU (2012903767) 2012-08-30

[21] **2,882,807**
[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/078 (2010.01) A61B 17/00 (2006.01) A61K 39/09 (2006.01) A61M 5/14 (2006.01) A61P 31/04 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01) C12M 3/06 (2006.01) C12M 3/08 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **ISOLATION OF LYMPHOCYTES AND DELIVERY TO SPLENECTOMY PATIENTS**
[54] **ISOLATION DE LYMPHOCYTES ET LEUR ADMINISTRATION A DES PATIENTS ATTEINTS DE SPLENECTOMIE**
[72] KABEER, MUSTAFA, US
[71] CHILDREN'S HOSPITAL OF ORANGE COUNTY, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056517)
[87] (WO2014/032028)
[30] US (61/693,180) 2012-08-24

[21] **2,882,808**
[13] A1
[51] **Int.Cl. G01V 1/44 (2006.01) G01V 11/00 (2006.01)**
[25] EN
[54] **A DUAL POROSITY METHODOLOGY FOR MINERAL VOLUME CALCULATIONS IN SOURCE ROCK**
[54] **METHODOLOGIE A DOUBLE POROSITE POUR CALCULS DE VOLUME DE MINERAUX DANS UNE ROCHE MERE**
[72] GALFORD, JAMES E., US
[72] QUIREIN, JOHN ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-23
[86] 2012-09-24 (PCT/US2012/056836)
[87] (WO2014/046683)

[21] **2,882,809**
[13] A1
[51] **Int.Cl. H02G 3/38 (2006.01) A47B 21/00 (2006.01)**
[25] EN
[54] **PARTITION SYSTEM AND ACCESSORIES FOR USE THEREWITH**
[54] **SYSTEME DE CLOISON ET ACCESSOIRES DESTINES A ETRE UTILISES AVEC CELUI-CI**
[72] PLIKAT, CLAUDIA, DE
[72] SCHMITZ, JOHANN BURKHARD, DE
[72] ZWICK, CAROLA EVA MARIANNE, DE
[72] ZWICK, ROLAND ROLF OTTO, DE
[72] MAIDL, JANJA, DE
[71] HERMAN MILLER, INC., US
[85] 2015-02-23
[86] 2013-08-27 (PCT/US2013/056787)
[87] (WO2014/035959)
[30] US (61/693,489) 2012-08-27

[21] **2,882,810**
[13] A1
[51] **Int.Cl. D06M 13/248 (2006.01) D06M 15/576 (2006.01) D06M 15/643 (2006.01)**
[25] EN
[54] **PROCESSES TO DYE AND TREAT SINGLE BCF YARN**
[54] **PROCEDES DE TEINTE ET DE TRAITEMENT D'UN FIL BCF SIMPLE**
[72] TUNG, WAE-HAI, US
[72] RITTENHOUSE, RONNIE, US
[71] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2015-02-23
[86] 2013-09-18 (PCT/US2013/060353)
[87] (WO2014/047143)
[30] US (61/702,853) 2012-09-19

[21] **2,882,811**
[13] A1
[51] **Int.Cl. A61K 31/4025 (2006.01) A61K 31/415 (2006.01) A61P 7/00 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR HYPOTENSIVE RESUSCITATION**
[54] **PROCEDE ET COMPOSITIONS POUR LA REANIMATION HYPOTENSIVE**
[72] GULATI, ANIL, US
[72] LAVHALE, MANISH S., IN
[72] ANDURKAR, SHRIDHAR V., US
[71] PHARMAZZ, INC., US
[71] MIDWESTERN UNIVERSITY, US
[85] 2015-02-24
[86] 2012-10-15 (PCT/US2012/060257)
[87] (WO2014/035446)
[30] IN (3617/CHE/2012) 2012-08-31

[21] **2,882,812**
[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01)**
[25] EN
[54] **CONTENT MANAGEMENT SYSTEMS, METHODS, APPARATUS AND USER INTERFACES**
[54] **INTERFACES UTILISATEURS, APPAREILS, PROCEDES ET SYSTEMES DE GESTION DE CONTENU**
[72] ALFORD, JAMES, AU
[72] MCNAIR, DAVID, AU
[71] TRANSCITY GROUP PTY LTD, AU
[85] 2015-02-24
[86] 2012-09-28 (PCT/AU2012/001195)
[87] (WO2013/044327)
[30] AU (2011903999) 2011-09-28

[21] **2,882,813**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **REAL-WORLD VIEW OF LOCATION-ASSOCIATED SOCIAL DATA**
[54] **VUE DU MONDE REEL DE DONNEES SOCIALES ASSOCIEES A UN EMPLACEMENT**
[72] BOSWORTH, ANDREW GARROD, US
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] GARCIA, DAVID HARRY, US
[71] FACEBOOK, INC., US
[85] 2015-02-23
[86] 2013-08-28 (PCT/US2013/056938)
[87] (WO2014/036052)
[30] US (13/600,887) 2012-08-31

[21] **2,882,814**
[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **RECEPTOR LIGAND LINKED CYTOTOXIC MOLECULES**
[54] **LIGAND DE RECEPTEUR LIE A DES MOLECULES CYTOTOXIQUES**
[72] BECK-SICKINGER, ANNETTE G., DE
[72] WEBER, LUTZ, DE
[72] RICHTER, WOLFGANG, DE
[72] AHRENS, VERENA, DE
[72] RENNERT, ROBERT, DE
[71] ONTOCHEM GMBH, DE
[85] 2015-02-24
[86] 2013-09-17 (PCT/EP2013/002790)
[87] (WO2014/040752)
[30] EP (12006502.4) 2012-09-17

[21] **2,882,815**
[13] A1
[51] **Int.Cl. B01J 19/18 (2006.01) C07C 17/20 (2006.01) C07C 21/18 (2006.01)**
[25] EN
[54] **REACTOR AND AGITATOR USEFUL IN A PROCESS FOR MAKING 1-CHLORO-3,3,3-TRIFLUOROPROPENE**
[54] **REACTEUR ET AGITATEUR UTILES DANS UN PROCEDE DE FABRICATION DE 1-CHLORO-3,3,3-TRIFLUOROPROPENE**
[72] COTTRELL, STEPHEN A., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2015-02-23
[86] 2013-08-29 (PCT/US2013/057186)
[87] (WO2014/039358)
[30] US (61/697,373) 2012-09-06
[30] US (13/826,023) 2013-03-14

[21] **2,882,816**
[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01)**
[25] FR
[54] **DRIVE GEARBOX ON A TURBOMACHINE, CONSISTING OF A DRIVE TRAIN WITH GEAR LINES EXTENDING INTO NON-PARALLEL PLANES**
[54] **BOITE D'ENGRENAGES DE PRISE DE MOUVEMENT SUR UNE TURBOMACHINE, COMPOSEE D'UNE CHAINE CINEMATIQUE A LIGNES D'ENGRENAGES S'ETENDANT DANS DES PLANS NON PARALLELES**
[72] PELTIER, JORDANE, FR
[72] ARMANGE, FRANTZ, FR
[72] DEMOULIN, LAMBERT OLIVIER MARIE, FR
[72] GARASSINO, ALAIN PIERRE, FR
[72] LLAMAS CASTRO, NURIA, FR
[72] PRUNERA-USACH, STEPHANE, FR
[72] WAISSI, BELLAL, FR
[71] SNECMA, FR
[71] HISPANO SUIZA, FR
[85] 2015-02-23
[86] 2013-09-03 (PCT/FR2013/052021)
[87] (WO2014/033416)
[30] FR (12 58196) 2012-09-03

[21] **2,882,817**
[13] A1
[51] **Int.Cl. C09K 3/12 (2006.01) C08K 3/00 (2006.01)**
[25] EN
[54] **RESIN-BASED SEALANT COMPOSITIONS COMPRISING CEMENT KILN DUST AND METHODS OF USE**
[54] **COMPOSITIONS DE MATIERE DE SCELLEMENT A BASE DE RESINE COMPRENANT DE LA POUSSIERE DE FOUR A CIMENT, ET PROCEDES D'UTILISATION**
[72] BRENNEIS, DARRELL CHAD, US
[72] RODDY, CRAIG WAYNE, US
[72] JONES, PAUL JOSEPH, US
[72] KARCHER, JEFFERY DWANE, US
[72] MORGAN, RONNIE GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-23
[86] 2013-08-29 (PCT/US2013/057213)
[87] (WO2014/036218)
[30] US (13/598,052) 2012-08-29

[21] **2,882,819**
[13] A1
[51] **Int.Cl. B60J 10/02 (2006.01) B65D 57/00 (2006.01) B65D 81/02 (2006.01)**
[25] FR
[54] **SEAL SYSTEM FOR A VEHICLE GLAZING, GLAZING PROVIDED WITH THE SYSTEM AND METHOD FOR MOUNTING THE GLAZING**
[54] **SYSTEME DE JOINT POUR VITRAGE DE VEHICULE, VITRAGE EQUIPE DU SYSTEME ET PROCEDE DE MONTAGE DU VITRAGE**
[72] SILVESTRINI, LAURENT, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-02-23
[86] 2013-09-04 (PCT/FR2013/052034)
[87] (WO2014/041279)
[30] FR (1258663) 2012-09-14

[21] **2,882,820**
[13] A1
[51] **Int.Cl. B60R 21/02 (2006.01) B60R 21/04 (2006.01) B60R 21/045 (2006.01) B62D 25/08 (2006.01)**
[25] EN
[54] **BREAK AWAY DASH PANEL**
[54] **TABLEAU DE BORD A RUPTURE**
[72] LAVERE, MICHAEL J., US
[72] CRUME, BRUCE A., US
[72] SILER, STEVEN R., US
[71] SPARTAN MOTORS, INC., US
[85] 2015-02-17
[86] 2013-08-15 (PCT/US2013/055164)
[87] (WO2014/028753)
[30] US (61/683,684) 2012-08-15
[30] US (61/683,701) 2012-08-15
[30] US (13/967,525) 2013-08-15

[21] **2,882,821**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4155 (2006.01) A61K 31/454 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **METHOD FOR OPTIMIZING A PROCESS FOR FREEZE DRYING A BACTERIA-CONTAINING CONCENTRATE**
[54] **PROCEDE D'OPTIMISATION D'UN PROCEDE DE LYOPHILISATION D'UN CONCENTRE CONTENANT DES BACTERIES**
[72] GALLEY, GUIDO, DE
[72] NORCROSS, ROGER, CH
[72] PFLIEGER, PHILIPPE, FR
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-02-23
[86] 2013-09-11 (PCT/EP2013/068769)
[87] (WO2014/041007)
[30] EP (12184360.1) 2012-09-14

[21] **2,882,823**
[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01)**
[25] EN
[54] **SINGLE STEP PROCESS FOR PRODUCTION OF DISTILLATE FUEL**
[54] **PROCEDE EN UNE SEULE ETAPE DE PRODUCTION DE CARBURANT DE DISTILLAT**
[72] ZHOU, GUANGCI, US
[72] CANNELLA, WILLIAM JAMES, US
[72] ROBY, STEPHEN HAROLD, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-02-23
[86] 2013-08-05 (PCT/US2013/053614)
[87] (WO2014/031319)
[30] US (13/594,139) 2012-08-24
[30] US (13/594,175) 2012-08-24

[21] **2,882,825**
[13] A1
[51] **Int.Cl. A47L 13/257 (2006.01)**
[25] EN
[54] **FLAT MOP COVER WITH TWO CLEANING SURFACES**
[54] **HOUSSE DE LAVAGE A PLAT PRESENTANT DEUX SURFACES DE NETTOYAGE**
[72] SMEIJER, DENNIS, NL
[72] CARUSO, THOMAS, US
[72] GUBENKO, LEO, US
[72] SEIFTS, JOSEPH, US
[71] CARL FREUDENBERG KG, DE
[85] 2015-02-23
[86] 2013-05-24 (PCT/EP2013/001536)
[87] (WO2014/040661)
[30] DE (10 2012 017 971.5) 2012-09-12

[21] **2,882,826**
[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/403 (2006.01) A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PRO-NEUROGENIC COMPOUNDS**
[54] **COMPOSES PRO-NEUROGENIQUES**
[72] MCKNIGHT, STEVEN L., US
[72] PIEPER, ANDREW A., US
[72] READY, JOESPH M., US
[72] FERNANDEZ, ENRIQUE, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056440)
[87] (WO2014/031986)
[30] US (61/693,108) 2012-08-24
[30] US (13/974,642) 2013-08-23

[21] **2,882,827**
[13] A1
[51] **Int.Cl. B60W 20/00 (2006.01) B60W 10/04 (2006.01) B60W 10/10 (2012.01)**
[25] EN
[54] **RECUPERATIVE TRANSMISSION DOWN SHIFTING MULTIPLE GEARS AND ENGINE DECOUPLING**
[54] **BOITE DE VITESSES PAR RECUPERATION DESCENDANT PLUSIEURS RAPPORTS ET DECOUPLAGE MOTEUR**
[72] SCHULTE, JURGEN, US
[72] MUGGEO, FILIPPO, US
[72] MATTHEWS, DEREK, US
[72] PANCHERI, BRENDAN, US
[71] BAE SYSTEMS CONTROLS INC., US
[85] 2015-02-24
[86] 2013-08-29 (PCT/US2013/057182)
[87] (WO2014/036203)
[30] US (13/601,919) 2012-08-31

[21] **2,882,829**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01)**
[25] EN
[54] **DYNAMIC ROW SPACING PLANTER SYSTEM**
[54] **SYSTEME DE PLANTATION A ESPACEMENT DE RANGEE DYNAMIQUE**
[72] HUNDLEY, CHRISTOPHER A., US
[72] THIELEN, ANDREW D., US
[72] FORINASH, BRIAN, US
[72] BAITINGER, DAVID J., US
[72] FORBES, TIMOTHY J., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2015-02-24
[86] 2013-08-30 (PCT/US2013/057575)
[87] (WO2014/036435)
[30] US (61/695,499) 2012-08-31

[21] **2,882,831**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01) A61P 31/18 (2006.01) C07D 265/30 (2006.01) C07D 265/32 (2006.01) C07D 413/06 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **HIV PROTEASE INHIBITORS**
[54] **INHIBITEURS DE LA PROTEASE DU VIH**
[72] MCCAULEY, JOHN A., US
[72] CRANE, SHELDON, CA
[72] BEAULIEU, CHRISTIAN, CA
[72] BENNETT, DAVID J., US
[72] BUNGARD, CHRISTOPHER J., US
[72] CHANG, RONALD K., US
[72] GRESHOCK, THOMAS J., US
[72] HAO, LI, SG
[72] HOLLOWAY, KATE, US
[72] MANIKOWSKI, JESSE J., US
[72] MCKAY, DANIEL, US
[72] MOLINARO, CARMELA, US
[72] MORADEI, OSCAR MIGUEL, CA
[72] NANTERMET, PHILIPPE G., US
[72] NADEAU, CHRISTIAN, CA
[72] SATYANARAYANA, TUMMANAPALLI, SG
[72] SHIPE, WILLIAM, US
[72] SINGH, SANJAY KUMAR, SG
[72] TRUONG, VOUY LINH, CA
[72] VIJAYASARADHI, SIVALENKA, SG
[72] WILLIAMS, PETER D., US
[72] WISCOUNT, CATHERINE M., US
[71] MERCK SHARP & DOHME CORP., US
[71] MERCK CANADA INC., CA
[85] 2015-02-23
[86] 2013-09-09 (PCT/US2013/058724)
[87] (WO2014/043019)
[30] US (61/699,343) 2012-09-11

[21] **2,882,832**
[13] A1
[51] **Int.Cl. C08F 265/06 (2006.01) C08J 3/075 (2006.01) C08L 51/06 (2006.01) C08L 101/06 (2006.01) C09K 8/035 (2006.01) C09K 8/68 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **DUAL MECHANISM THICKENING AGENTS FOR HYDRAULIC FRACTURING FLUIDS**
[54] **AGENTS EPAISSISSANTS A DOUBLE MECANISME POUR DES FLUIDES DE FRACTURATION HYDRAULIQUE**
[72] MCCARTHY, PATRICK, US
[72] LIAO, YUANXI, US
[72] HUANG, LIANG, US
[71] ATRP SOLUTIONS, INC., US
[85] 2015-02-24
[86] 2013-08-30 (PCT/US2013/057685)
[87] (WO2014/036498)
[30] US (61/695,103) 2012-08-30

[21] **2,882,833**
[13] A1
[51] **Int.Cl. F02D 19/08 (2006.01) F02D 41/04 (2006.01) F02M 21/02 (2006.01) F02M 25/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING FUEL ECONOMY AND REDUCING EMISSIONS OF INTERNAL COMBUSTION ENGINES**
[54] **PROCEDE ET SYSTEME POUR AMELIORER LES ECONOMIES DE CARBURANT ET REDUIRE LES EMISSIONS DES MOTEURS A COMBUSTION INTERNE**
[72] ALEXANDER, ROBERT, CA
[72] SHEERIN, GEOFFREY, CA
[72] TOMANTSCHGER, KLAUS, CA
[71] ALEXANDER, ROBERT, CA
[71] SHEERIN, GEOFFREY, CA
[71] TOMANTSCHGER, KLAUS, CA
[85] 2015-02-24
[86] 2013-08-22 (PCT/CA2013/000737)
[87] (WO2014/029015)
[30] US (61/692,766) 2012-08-24

[21] **2,882,834**
[13] A1
[51] **Int.Cl. E06B 9/13 (2006.01) E06B 9/58 (2006.01)**
[25] EN
[54] **ROLL-UP DOOR AND GUIDE SYSTEM THEREFOR**
[54] **PORTE A ENROULEMENT ET SON SYSTEME DE GUIDAGE**
[72] MILLER, ROBERT, US
[72] PETERS, MICHAEL D., US
[72] WHEALON, JOHN, US
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2015-02-24
[86] 2012-08-29 (PCT/US2012/052849)
[87] (WO2014/035388)

[21] **2,882,837**
[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] EN
[54] **CURRENT COLLECTOR BAR APPARATUS, SYSTEM, AND METHOD OF USING THE SAME**
[54] **APPAREIL A BARRE DE PRELEVEMENT DE COURANT, SYSTEME ET PROCEDE POUR SON UTILISATION**
[72] BEELER, RICHARD M., US
[72] D'ASTOLFO, LEROY E., JR., US
[71] ALCOA INC., US
[85] 2015-02-23
[86] 2013-09-10 (PCT/US2013/058886)
[87] (WO2014/043066)
[30] US (61/699,645) 2012-09-11

[21] **2,882,838**
[13] A1
[51] **Int.Cl. E02F 3/40 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **BUCKET CORNER, GROUND ENGAGING TOOL AND MUTUAL MECHANICAL ATTACHMENT THEREOF**
[54] **COIN DE GODET, OUTIL D'ENGAGEMENT AVEC LE SOL ET SA FIXATION MECANIQUE MUTUELLE**
[72] DALLARD, BRADLEY JOHN, AU
[72] KARLSSON, BJORN MARTEN, AU
[72] SMEATON, BENJAMIN EDWARD, AU
[72] ROGOZINSKI, KAMIL, AU
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-02-24
[86] 2013-09-04 (PCT/IB2013/001899)
[87] (WO2014/037781)
[30] AU (2012903828) 2012-09-04
[30] AU (2013901488) 2013-04-29

[21] **2,882,839**
[13] A1
[51] **Int.Cl. C12N 15/51 (2006.01) A61K 39/29 (2006.01) A61P 31/20 (2006.01) A61P 37/04 (2006.01) C07K 14/02 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **HEPATITIS B VIRUS CORE PROTEIN AND SURFACE ANTIGEN PROTEIN AND VACCINE COMPRISING THE SAME**
[54] **PROTEINE COEUR DU VIRUS DE L'HEPATITE B, PROTEINE ANTIGENIQUE DE SURFACE, ET VACCIN COMPRENANT CELLES-CI**
[72] WEINER, DAVID B., US
[72] YAN, JIAN, US
[72] OBENG-ADJEI, NYAMEKYE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2015-02-23
[86] 2013-09-19 (PCT/US2013/060618)
[87] (WO2014/047286)
[30] US (13/622,965) 2012-09-19

[21] **2,882,840**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE WITH MULTIPLE TASTES**
[54] **CIGARETTE ELECTRONIQUE A GOUTS MULTIPLES**
[72] LIU, QIUMING, CN
[71] KIMREE HI-TECH INC., VG
[85] 2015-02-23
[86] 2012-08-31 (PCT/CN2012/080846)
[87] (WO2014/032276)

[21] **2,882,842**
[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/068 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **SURGICAL STAPLE INSERTION DEVICE**
[54] **DISPOSITIF D'INSERTION D'AGRAFES CHIRURGICALES**
[72] TAYLOR, ALAN G., US
[72] WAHL, REBECCA H., US
[72] LITKE, RONALD G., US
[71] SOLANA SURGICAL, LLC, US
[85] 2015-02-23
[86] 2013-10-09 (PCT/US2013/063997)
[87] (WO2014/058954)
[30] US (61/711,479) 2012-10-09
[30] US (13/731,842) 2012-12-31

[21] **2,882,843**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 1/18 (2006.01) C21D 8/10 (2006.01) C21D 9/08 (2006.01) C22C 38/38 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **SEAMLESS STEEL PIPE AND METHOD FOR PRODUCING SAME**
[54] **TUYAU D'ACIER SANS SOUDURE ET SON PROCEDE DE FABRICATION**
[72] ARAI, YUJI, JP
[72] KOBAYASHI, KENJI, JP
[72] NAGAYAMA, HIROYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-23
[86] 2013-08-28 (PCT/JP2013/073048)
[87] (WO2014/034737)
[30] JP (2012-188634) 2012-08-29

[21] **2,882,844**
[13] A1
[51] **Int.Cl. C04B 22/08 (2006.01) C04B 24/24 (2006.01) C04B 28/00 (2006.01)**
[25] EN
[54] **CEMENT COMPOSITIONS FOR CEMENTING IN CONFINED LOCALES AND METHODS FOR USE THEREOF**
[54] **COMPOSITIONS DE CIMENT POUR UNE CIMENTATION DANS DES LOCAUX CONFINES ET PROCEDES DE LEUR UTILISATION**
[72] STONE, SHANTEL, US
[72] LANDIS, CHARLES, US
[72] COLLINS, RYAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-23
[86] 2013-09-17 (PCT/US2013/060038)
[87] (WO2014/052086)
[30] US (13/628,862) 2012-09-27

[21] **2,882,845**
[13] A1
[51] **Int.Cl. B65D 23/00 (2006.01) B29C 49/00 (2006.01)**
[25] EN
[54] **REINFORCED PLASTIC CONTAINERS**
[54] **CONTENANTS EN PLASTIQUE RENFORCE**
[72] YOURIST, SHELDON E., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2015-02-23
[86] 2013-12-16 (PCT/US2013/075393)
[87] (WO2014/099785)
[30] US (13/720,569) 2012-12-19

[21] **2,882,847**
[13] A1
[51] **Int.Cl. A01N 43/12 (2006.01) A01N 43/38 (2006.01) A01N 43/40 (2006.01) A01N 47/06 (2006.01) A01N 47/10 (2006.01) A01N 51/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **COMBINATIONS AND METHODS FOR CONTROLLING TURFGRASS PESTS**
[54] **COMBINAISONS ET PROCEDES PERMETTANT DE LUTTER CONTRE LES ORGANISMES PATHOGENES DU GAZON**
[72] MICHEL, JEFFREY A., US
[72] KUKOROWSKI, KENNETH A., US
[71] BAYER CROPSCIENCE LP, US
[85] 2015-02-23
[86] 2013-03-08 (PCT/US2013/029749)
[87] (WO2014/035469)
[30] US (61/695,872) 2012-08-31

[21] **2,882,848**
[13] A1
[51] **Int.Cl. F02B 19/10 (2006.01) F02B 19/12 (2006.01) F02B 19/16 (2006.01) F02P 13/00 (2006.01)**
[25] EN
[54] **TWO-STAGE PRECOMBUSTION CHAMBER FOR LARGE BORE GAS ENGINES**
[54] **CHAMBRE DE PRECOMBUSTION A DEUX ETAGES POUR MOTEURS A GAZ DE GRAND DIAMETRE**
[72] SOTIROPOULOU, MARIA EMMANUELLA, US
[72] LEPLEY, DAVID THOMAS, US
[72] TOZZI, LUIGI P., US
[71] PROMETHEUS APPLIED TECHNOLOGIES, LLC, US
[85] 2015-02-24
[86] 2013-09-06 (PCT/US2013/058635)
[87] (WO2014/039915)
[30] US (61/697,628) 2012-09-06

[21] **2,882,851**
[13] A1
[51] **Int.Cl. H04L 9/08 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SCALABLE SOFTWARE ARCHITECTURE FOR QUANTUM CRYPTOGRAPHIC KEY MANAGEMENT**
[54] **ARCHITECTURE DE LOGICIEL A ECHELLE VARIABLE POUR UNE GESTION DE CLE CRYPTOGRAPHIQUE QUANTIQUE**
[72] NORDHOLT, JANE ELIZABETH, US
[72] HUGHES, RICHARD JOHN, US
[72] RIESE, JANE MARIE, US
[72] AHRENS, CHRISTINE MARIE, US
[72] PETERSON, CHARLES GLEN, US
[72] HARRINGTON, JAMES WILLIAM, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[85] 2015-02-23
[86] 2013-08-16 (PCT/US2013/055356)
[87] (WO2014/074194)
[30] US (61/693,131) 2012-08-24

[21] **2,882,852**
[13] A1
[51] **Int.Cl. D06M 13/248 (2006.01) D06M 13/10 (2006.01) D06P 1/36 (2006.01)**
[25] EN
[54] **PROCESSES TO DYE AND TREAT BCF YARN**
[54] **PROCEDES DE TEINTURE ET DE TRAITEMENT DE FIL BCF**
[72] TUNG, WAE-HAI, US
[72] RITTENHOUSE, RONNIE, US
[71] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2015-02-23
[86] 2013-09-18 (PCT/US2013/060345)
[87] (WO2014/047138)
[30] US (61/702,861) 2012-09-19

[21] **2,882,853**
[13] A1
[51] **Int.Cl. A61K 31/427 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR REGULATING INTEGRINS**
[54] **COMPOSES ET METHODES POUR LA REGULATION D'INTEGRINES**
[72] GUPTA, VINEET, US
[71] GUPTA, VINEET, US
[85] 2014-10-16
[86] 2013-04-22 (PCT/US2013/037548)
[87] (WO2013/159082)
[30] US (61/635,968) 2012-04-20
[30] US (61/791,523) 2013-03-15

[21] **2,882,854**
[13] A1
[51] **Int.Cl. D02G 3/44 (2006.01)**
[25] EN
[54] **YARN, TEXTILE MATERIAL, AND GARMENT COMPRISING THE SAME**
[54] **FIL, MATERIAU TEXTILE ET VETEMENT LES COMPRENANT**
[72] LI, SHULONG, US
[72] GREER, J. TRAVIS, US
[72] CLIVER, JAMES D., US
[71] MILLIKEN & COMPANY, US
[85] 2015-02-24
[86] 2013-09-10 (PCT/US2013/058973)
[87] (WO2014/043097)
[30] US (61/701,270) 2012-09-14

[21] **2,882,855**
[13] A1
[51] **Int.Cl. B23B 51/04 (2006.01)**
[25] EN
[54] **SINGLE-LIP DRILL**
[54] **FORET A UNE LEVRE**
[72] WENZELBURGER, JURGEN, DE
[72] DEEG, JURGEN, DE
[71] BOTEK PRAZISIONSBOHRTECHNIK GMBH, DE
[85] 2015-02-23
[86] 2013-08-20 (PCT/DE2013/000467)
[87] (WO2014/029380)
[30] DE (10 2012 016 660.5) 2012-08-24

[21] **2,882,856**
[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 8/00 (2009.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING DEVICE-TO-DEVICE DISCOVERY**
[54] **PROCEDE ET APPAREIL POUR EFFECTUER UNE DECOUVERTE DE DISPOSITIF A DISPOSITIF**
[72] POITAU, GWENAEL, CA
[72] MARINIER, PAUL, CA
[72] PANI, DIANA, CA
[72] PELLETIER, BENOIT, CA
[72] PELLETIER, GHYSLAIN, CA
[72] POITAU, GWENAEL, CA
[72] KAUR, SAMIAN, US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2015-02-23
[86] 2013-08-22 (PCT/US2013/056140)
[87] (WO2014/031829)
[30] US (61/692,556) 2012-08-23
[30] US (61/752,830) 2013-01-15
[30] US (61/863,260) 2013-08-07

[21] **2,882,858**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21V 5/00 (2015.01) F21K 99/00 (2010.01)**
[25] EN
[54] **LIGHT HAVING AN OMNIDIRECTIONAL AMBIENT LIGHT COLLECTOR**
[54] **LAMPE AYANT UN COLLECTEUR DE LUMIERE AMBIANTE OMNIDIRECTIONNEL**
[72] MCDADE, NIMROD, US
[72] BRUNER, RUSSELL, US
[72] KAM, HANDANI, US
[71] SPX CORPORATION, US
[85] 2015-02-23
[86] 2013-08-21 (PCT/US2013/055958)
[87] (WO2014/031729)
[30] US (61/691,968) 2012-08-22

[21] **2,882,859**
[13] A1
[51] **Int.Cl. F28B 5/00 (2006.01)**
[25] EN
[54] **HYBRID CONDENSER**
[54] **CONDENSEUR HYBRIDE**
[72] SZABO, ZOLTAN, HU
[72] BALOGH, ANDRAS, HU
[72] LUDVIG, LASZLO, HU
[72] GREGASZ, ATTILA, HU
[71] GEA EGI ENERGIAGAZDALKODASI ZRT., HU
[85] 2015-02-23
[86] 2013-09-20 (PCT/HU2013/000095)
[87] (WO2014/045071)
[30] HU (P 12 00544) 2012-09-20

[21] **2,882,860**
[13] A1
[51] **Int.Cl. C09J 7/00 (2006.01) B21D 39/02 (2006.01) C08G 59/18 (2006.01) C08K 5/00 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **STRUCTURAL ADHESIVE FILM**
[54] **FILM ADHESIF STRUCTURAL**
[72] ELGIMIABI, SOHAIB, DE
[72] CURA, ELISABETH, DE
[72] KOCH, BERNHARD H., DE
[72] YAVUZ, NURETTIN, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-02-23
[86] 2013-08-22 (PCT/US2013/056161)
[87] (WO2014/031838)
[30] EP (12181578.1) 2012-08-23

[21] **2,882,862**
[13] A1
[51] **Int.Cl. A61N 5/00 (2006.01) A61M 36/00 (2006.01)**
[25] EN
[54] **BRACHYTHERAPY DEVICES AND RELATED METHODS HAVING MICROENCAPSULATED BRACHYTHERAPY MATERIALS**
[54] **DISPOSITIFS DE CURIETHERAPIE ET METHODES ASSOCIEES IMPLIQUANT DES MATERIAUX DE CURIETHERAPIE MICROENCAPSULES**
[72] HOEDL, SETH, US
[71] CIVATECH ONCOLOGY, US
[85] 2015-02-23
[86] 2012-08-24 (PCT/US2012/052389)
[87] (WO2013/029024)
[30] US (61/527,391) 2011-08-25

[21] **2,882,863**
[13] A1
[51] **Int.Cl. F02P 9/00 (2006.01) F02B 19/10 (2006.01) F02P 13/00 (2006.01) H01T 1/20 (2006.01)**
[25] EN
[54] **TIME-VARYING SPARK CURRENT MAGNITUDE TO IMPROVE SPARK PLUG PERFORMANCE AND DURABILITY**
[54] **AMPLITUDE DE COURANT D'ETINCELAGE VARIANT DANS LE TEMPS AFIN D'AMELIORER DES PERFORMANCES ET UNE DURABILITE DE BOUGIE D'ALLUMAGE**
[72] TOZZI, LUIGI P., US
[72] LEPLEY, DAVID THOMAS, US
[72] SOTIROPOULOU, MARIA EMMANUELLA, US
[72] LEPLEY, JOSEPH MARTIN, US
[72] PIRKO, STEVEN B., US
[71] PROMETHEUS APPLIED TECHNOLOGIES, LLC, US
[85] 2015-02-24
[86] 2013-09-16 (PCT/US2013/060015)
[87] (WO2014/043657)
[30] US (61/702,036) 2012-09-17

[21] **2,882,865**
[13] A1
[51] **Int.Cl. E05C 7/04 (2006.01) E05B 17/20 (2006.01)**
[25] EN
[54] **PASSIVE DOOR LOCK MECHANISMS**
[54] **MECANISMES DE VERROU DE PORTE PASSIVE**
[72] HEMMINGSEN, AUSTIN, US
[72] RICKENBAUGH, ALLEN, US
[72] LAMMERS, TRACY, US
[72] TAGTOW, GARY E., US
[71] AMESBURY GROUP, INC., US
[85] 2015-02-23
[86] 2013-08-28 (PCT/US2013/057102)
[87] (WO2014/036151)
[30] US (61/695, 868) 2012-08-31

[21] **2,882,867**
[13] A1
[51] **Int.Cl. B65D 23/10 (2006.01)**
[25] EN
[54] **CONTAINER, HANDLE FOR A CONTAINER, AND HANDLE AND CONTAINER ASSEMBLY**
[54] **RECIPIENT, POIGNEE POUR UN RECIPIENT ET ENSEMBLE DE POIGNEE ET DE RECIPIENT**
[72] LAIB, DOUGLAS, US
[72] REISIG, KARL A., US
[72] SAYERS, SORCHA, US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2015-02-24
[86] 2013-09-19 (PCT/US2013/060526)
[87] (WO2014/062342)
[30] US (13/656,002) 2012-10-19

[21] **2,882,868**
[13] A1
[51] **Int.Cl. E06B 1/60 (2006.01) E04B 2/74 (2006.01)**
[25] EN
[54] **MODULAR WALL SYSTEM**
[54] **SYSTEME DE PAROI MODULAIRE**
[72] SALZMAN, MICHAEL, CA
[72] STRUIS, ANNEKE, CA
[72] VON HOYNINGEN HUENE, EBERHARD, CA
[71] ALLSTEEL INC., US
[85] 2015-02-23
[86] 2013-08-22 (PCT/US2013/056247)
[87] (WO2014/039278)

[21] **2,882,869**
[13] A1
[51] **Int.Cl. H04N 21/60 (2011.01) H04N 21/4227 (2011.01)**
[25] EN
[54] **SHARING TELEVISION AND VIDEO PROGRAMMING THROUGH SOCIAL NETWORKING**
[54] **PARTAGE D'UNE PROGRAMMATION DE TELEVISION ET DE VIDEO PAR L'INTERMEDIAIRE D'UN RESEAUTAGE SOCIAL**
[72] MARLOW, CAMERON ALEXANDER, US
[72] GARCIA, DAVID HARRY, US
[72] TSENG, ERICK, US
[72] KRAUSZ, BRIAN, US
[71] FACEBOOK, INC., US
[85] 2015-02-23
[86] 2013-08-30 (PCT/US2013/057449)
[87] (WO2014/036362)
[30] US (13/602,011) 2012-08-31

[21] **2,882,870**
[13] A1
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/08 (2006.01)**
[25] EN
[54] **CHEMICAL COMPOSITIONS AND METHODS FOR ENHANCING TRANSDERMAL DELIVERY OF THERAPEUTIC AGENTS**
[54] **COMPOSITIONS CHIMIQUES ET PROCEDES POUR AMELIORER L'ADMINISTRATION TRANSDERMIQUE D'AGENTS THERAPEUTIQUES**
[72] VALIA, KIRTI H., US
[72] KYDONIEUS, AGIS, US
[71] INTEGURX THERAPEUTICS, LLC, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056391)
[87] (WO2014/031958)
[30] US (61/693,135) 2012-08-24
[30] US (61/777,276) 2013-03-12

[21] **2,882,871**
[13] A1
[51] **Int.Cl. B02C 17/18 (2006.01) B23K 9/235 (2006.01) B23K 37/00 (2006.01) B23K 37/02 (2006.01) B23K 37/053 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LARGE MILL CYLINDERS**
[54] **PROCEDE DE FABRICATION DE CYLINDRES DE BROYEUR DE GRANDE DIMENSION**
[72] ECHELMEYER, ANDREAS, DE
[72] PATZELT, NORBERT, DE
[72] KRIPZAK, BERND, DE
[72] PINGEL, HERBERT, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2015-02-24
[86] 2013-07-26 (PCT/EP2013/065802)
[87] (WO2014/032877)
[30] DE (10 2012 108 163.8) 2012-09-03

[21] **2,882,872**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **GROUND ENGAGING TOOL MECHANICAL ATTACHMENT**
[54] **FIXATION MECANIQUE D'OUTIL D'ENGAGEMENT AVEC LE SOL**
[72] DALLARD, BRADLEY JOHN, AU
[72] KARLSSON, BJORN MARTEN, AU
[72] SMEATON, BENJAMIN EDWARD, AU
[72] ROGOZINSKI, KAMIL, AU
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-02-24
[86] 2013-09-04 (PCT/IB2013/001897)
[87] (WO2014/037780)
[30] AU (2012903830) 2012-09-04
[30] AU (2013901490) 2013-04-29

[21] **2,882,873**
[13] A1
[51] **Int.Cl. A61B 8/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FOCUSING ULTRASOUND IMAGE DATA**
[54] **SYSTEME ET PROCEDE DE MISE AU POINT DE DONNEES D'IMAGES ULTRASONORES**
[72] HANCOCK, ANDREW, US
[71] VOLCANO CORPORATION, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056405)
[87] (WO2014/031967)
[30] US (61/693,118) 2012-08-24

[21] **2,882,874**
[13] A1
[51] **Int.Cl. B25B 13/50 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **TOOL FOR INSTALLING AND REMOVING THREADED MEMBERS**
[54] **OUTIL D'INSTALLATION ET DE RETRAIT D'ELEMENTS FILETES**
[72] KROLL, PETER, US
[71] KROLL, PETER, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056415)
[87] (WO2014/031969)
[30] US (61/692,479) 2012-08-23

[21] **2,882,875**
[13] A1
[51] **Int.Cl. A61K 31/58 (2006.01) A01K 67/00 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **REDUCING THE REPRODUCTIVE CAPACITY OF MAMMALS**
[54] **COMPOSITIONS ET METHODES POUR REDUIRE LA CAPACITE DE REPRODUCTION DE MAMMIFERES**
[72] MAYER, LORRETTA P., US
[71] SENESTECH, INC., US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056428)
[87] (WO2014/031979)
[30] US (61/692,624) 2012-08-23

[21] **2,882,876**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 52/30 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **PROVIDING PHYSICAL LAYER RESOURCES TO DIFFERENT SERVING SITES**
[54] **FOURNITURE DE RESSOURCES DE COUCHES PHYSIQUES A DES SITES DE SERVICES DIFFERENTS**
[72] MARINIER, PAUL, CA
[72] TOOHER, J. PATRICK, CA
[72] PELLETIER, GHYSLAIN, CA
[72] PANI, DIANA, CA
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056455)
[87] (WO2014/031998)
[30] US (61/692,548) 2012-08-23
[30] US (61/726,262) 2012-11-14
[30] US (61/808,013) 2013-04-03
[30] US (61/821,154) 2013-05-08

[21] **2,882,877**
[13] A1
[51] **Int.Cl. C07D 277/68 (2006.01) A61K 31/428 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **SALTS OF BENZOTHIAZOLONE COMPOUND AS BETA-2-ADRENOCEPTOR AGONIST**
[54] **SELS DE COMPOSE BENZOTHIAZOLONE UTILISES EN TANT QU'AGONISTE DE BETA-2-ADRENOCEPTOR**
[72] GRANDEURY, ARNAUD, CH
[72] TUFILLI, NICOLA, CH
[71] NOVARTIS AG, CH
[85] 2015-02-24
[86] 2013-08-29 (PCT/IB2013/058109)
[87] (WO2014/033654)
[30] IQ (239/2012) 2012-08-30

[21] **2,882,878**
[13] A1
[51] **Int.Cl. E06B 5/00 (2006.01) E06B 3/54 (2006.01) E06B 7/00 (2006.01)**
[25] EN
[54] **PHOTONIC-POWERED EC DEVICES**
[54] **DISPOSITIFS ELECTROCHROMIQUES (EC) ALIMENTES PAR UNE ENERGIE PHOTONIQUE**
[72] PHILLIPS, ROGER W., US
[72] BROWN, STEPHEN C., US
[71] VIEW, INC., US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056506)
[87] (WO2014/032023)
[30] US (61/692,634) 2012-08-23

[21] **2,882,879**
[13] A1
[51] **Int.Cl. C07D 239/80 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 9/10 (2006.01) A61P 43/00 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 413/04 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **HETEROCYCIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] OGINO, MASAKI, JP
[72] IKEDA, ZENICHI, JP
[72] FUJIMOTO, JUN, JP
[72] OHBA, YUSUKE, JP
[72] ISHII, NAOKI, JP
[72] FUJIMOTO, TAKUYA, JP
[72] ODA, TSUNEO, JP
[72] TAYA, NAOHIRO, JP
[72] YAMASHITA, TOSHIRO, JP
[72] MATSUNAGA, NOBUYUKI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY, LIMITED, JP
[85] 2015-02-24
[86] 2013-08-23 (PCT/JP2013/072562)
[87] (WO2014/030743)
[30] JP (2012-185725) 2012-08-24

[21] **2,882,880**
[13] A1
[51] **Int.Cl. F24F 13/08 (2006.01) F24F 13/078 (2006.01)**
[25] EN
[54] **ILLUMINATION GRILLE ASSEMBLY AND METHOD**
[54] **ENSEMBLE DE GRILLE D'ECLAIRAGE ET PROCEDE ASSOCIE**
[72] ZAKULA, MIRKO, US
[72] JONAS, KENNETH J., US
[72] JACAK, COREY S., US
[71] BROAN-NUTONE LLC, US
[85] 2015-02-24
[86] 2013-08-12 (PCT/US2013/054518)
[87] (WO2014/035648)
[30] US (13/597,167) 2012-08-28

[21] **2,882,881**
[13] A1
[51] **Int.Cl. A61K 31/495 (2006.01) A23L 1/30 (2006.01) A61P 19/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT FOR SYSTEMIC BONE DISEASE AND USE THEREOF**
[54] **AGENT THERAPEUTIQUE POUR MALADIE OSSEUSE SYSTEMIQUE ET UTILISATION ASSOCIEE**
[72] OHNO, KINJI, JP
[72] ISHIGURO, NAOKI, JP
[72] KITO, HIROSHI, JP
[72] MATSUSHITA, MASAKI, JP
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[85] 2015-02-24
[86] 2014-02-20 (PCT/JP2014/054023)
[87] (WO2014/141847)
[30] JP (2013-047426) 2013-03-10

[21] **2,882,882**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF RETRIEVING SEISMIC DATA BY A DATA SERVER**
[54] **PROCEDES ET SYSTEMES DE RECUPERATION DE DONNEES SISMIQUES PAR UN SERVEUR DE DONNEES**
[72] SEMBROSKI, CHARLES M., US
[72] SENFTEN, SCOTT D., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-02-24
[86] 2012-08-30 (PCT/US2012/053020)
[87] (WO2014/035391)

[21] **2,882,883**
[13] A1
[51] **Int.Cl. G07G 1/00 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **CHECKOUT SYSTEM FOR AND METHOD OF PREVENTING A CUSTOMER-OPERATED ACCESSORY READER FACING A BAGGING AREA FROM IMAGING TARGETS ON PRODUCTS PASSED THROUGH A CLERK-OPERATED WORKSTATION TO THE BAGGING AREA**
[54] **SYSTEME DE CAISSE ENREGISTREUSE, ET PROCEDE, PERMETTANT D'EMPECHER UN LECTEUR D'ACCESSOIRES ACTIONNE PAR LE CLIENT FAISANT FACE A UNE ZONE DE MISE EN SAC D'IMAGER DES CIBLES SUR DES PRODUITS PASSES AU TRAVERS D'UN POSTE DE TRAVAIL ACTIONNE PAR UN EMPLOYE JUSQU'A LA ZONE DE MISE EN SAC**
[72] MADEJ, DARIUSZ J., US
[72] TRAJKOVIC, MIROSLAV, US
[72] VINOGRADOV, IGOR, US
[71] SYMBOL TECHNOLOGIES, INC., US
[85] 2015-02-24
[86] 2013-08-20 (PCT/US2013/055648)
[87] (WO2014/039234)
[30] US (13/604,056) 2012-09-05

[21] **2,882,884**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) E21B 49/08 (2006.01) G01N 11/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DOWNHOLE IN-SITU DETERMINATION OF FLUID VISCOSITY**
[54] **APPAREIL ET PROCEDE SERVANT A DETERMINER UNE VISCOSITE DE FLUIDE IN SITU DANS UN FOND DE PUITS**
[72] GAO, LI, US
[72] ZHANG, WEI, US
[72] PELLETIER, MICHAEL T., US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] CHEN, DINGDING, US
[72] BALL, DAVID EARL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-24
[86] 2012-08-31 (PCT/US2012/053488)
[87] (WO2014/035428)

[21] **2,882,885**
[13] A1
[51] **Int.Cl. E21B 47/08 (2012.01) G01B 5/02 (2006.01)**
[25] EN
[54] **WELLBORE CALIPER WITH MAXIMUM DIAMETER SEEKING FEATURE**
[54] **DIAMETREUR DE PUITS DE FORAGE A CARACTERISTIQUE DE RECHERCHE DE DIAMETRE MAXIMAL**
[72] SALLWASSER, ALAN JAMES, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-02-24
[86] 2013-08-21 (PCT/US2013/055988)
[87] (WO2014/035761)
[30] US (13/597,659) 2012-08-29

[21] **2,882,886**
[13] A1
[51] **Int.Cl. F16D 41/06 (2006.01) F16D 43/02 (2006.01) F16D 55/38 (2006.01) F16D 59/00 (2006.01) F16D 67/02 (2006.01)**
[25] EN
[54] **BACKSTOPPING CLUTCH WITH TORQUE TRANSMISSION THROUGH RADIAL SURFACE OF OUTER RACE**
[54] **EMBRAYAGE ANTI-RETOUR AVEC TRANSMISSION DE COUPLE PAR LE BIAIS DE LA SURFACE RADIALE DE LA CAGE EXTERIEURE**
[72] KRETSCHMER, TORSTEN, DE
[71] STIEBER GMBH, DE
[85] 2015-02-24
[86] 2012-10-08 (PCT/US2012/059162)
[87] (WO2014/058410)

[21] **2,882,887**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/36 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **AUTHENTICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION**
[72] NANDAKUMAR, GOPAL, US
[71] NANDAKUMAR, GOPAL, US
[85] 2015-02-24
[86] 2012-10-11 (PCT/US2012/059724)
[87] (WO2013/062777)
[30] US (13/279,294) 2011-10-23
[30] US (13/279,292) 2011-10-23
[30] US (13/279,290) 2011-10-23
[30] US (13/279,297) 2011-10-23
[30] US (13/279,293) 2011-10-23
[30] US (13/279,287) 2011-10-23
[30] US (13/279,289) 2011-10-23
[30] US (13/279,296) 2011-10-23
[30] US (13/279,288) 2011-10-23
[30] US (13/279,295) 2011-10-23

[21] **2,882,888**
[13] A1
[51] **Int.Cl. A61B 5/113 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR DETECTING RESPIRATORY MOVEMENTS**
[54] **DISPOSITIF ET METHODE DE DETECTION DE MOUVEMENTS RESPIRATOIRES**
[72] HERMANNE, JEAN-PHILIPPE, BE
[71] 2-OBSERVE S.A., BE
[85] 2014-11-10
[86] 2013-05-14 (PCT/EP2013/059863)
[87] (WO2013/171178)
[30] BE (BE2012/0319) 2012-05-14

[21] **2,882,889**
[13] A1
[51] **Int.Cl. A61K 39/40 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01)**
[25] EN
[54] **ANTI-POLY-N-ACETYL GLUCOSAMINE (PNAG) MONOCLONAL ANTIBODY AND USES THEREOF FOR THE PREVENTION OR TREATMENT OF PNAG EXPRESSING BACTERIAL INFECTION**
[54] **ANTICORPS MONOCLONAUX ANTI-POLY-N-ACETYL GLUCOSAMINE (PNAG) ET UTILISATIONS ASSOCIEES DANS LA PREVENTION OU LE TRAITEMENT D'UNE INFECTION BACTERIENNE EXPRIMANT PNAG**
[72] REY, ASTRID, FR
[72] CANTALLOUBE, CATHY, FR
[72] LI, MENG, US
[72] TANG, LEI, US
[72] VLOCK, DANIEL, US
[71] SANOFI, FR
[85] 2015-02-20
[86] 2013-08-22 (PCT/US2013/056124)
[87] (WO2014/031822)
[30] US (61/693,001) 2012-08-24
[30] FR (1356743) 2013-07-09

[21] **2,882,890**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) G01D 9/00 (2006.01) G01K 1/02 (2006.01) G01N 27/12 (2006.01) G01N 33/487 (2006.01) G06K 7/00 (2006.01) G06K 19/07 (2006.01) H01Q 1/22 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING PRODUCT INFORMATION**
[54] **APPAREIL ET PROCEDE DE FOURNITURE D'INFORMATIONS CONCERNANT UN PRODUIT**
[72] STRIEMER, GRANT EDWARD, US
[72] AMANN, MATHIAS, DE
[72] JOYCE, JONATHAN LIVINGSTON, US
[72] SHERMAN, FAIZ FEISAL, US
[72] BOURILKOV, JORDAN TODOROV, US
[72] MORROW, MARK WAYNE, US
[72] DE CASTRO, JOSE TADEO VERGARA, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[72] FRANKE, MICHAEL, DE
[71] THE GILLETTE COMPANY, US
[85] 2015-02-23
[86] 2013-09-13 (PCT/US2013/059585)
[87] (WO2014/043429)
[30] US (13/616,402) 2012-09-14

[21] **2,882,891**
[13] A1
[51] **Int.Cl. C08G 64/34 (2006.01)**
[25] EN
[54] **POLYETHER CARBONATE POLYOL PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE POLYETHERCARBONATE POLYOLS**
[72] MULLER, THOMAS ERNST, DE
[72] GURTLER, CHRISTOPH, DE
[72] WOHAK, MATTHIAS, DE
[72] HOFMANN, JORG, DE
[72] SUBHANI, MUHAMMAD AFZAL, DE
[72] LEITNER, WALTER, DE
[72] PECKERMANN, ILJA, DE
[72] WOLF, AUREL, DE
[71] BAYER MATERIALSCIENCE AG, DE
[85] 2015-02-24
[86] 2013-08-23 (PCT/EP2013/067578)
[87] (WO2014/033070)
[30] EP (12181905.6) 2012-08-27

[21] **2,882,892**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **A NEUROTOXIN FOR TREATING PREMATURE EJACULATION**
[54] **NEUROTOXINE POUR LE TRAITEMENT DE L'EJACULATION PRECOCE**
[72] NILSSON NEIJBER, ANDERS N., US
[71] ALLERGAN, INC., US
[85] 2015-02-24
[86] 2013-08-22 (PCT/US2013/056088)
[87] (WO2014/031809)
[30] US (61/693,192) 2012-08-24

[21] **2,882,893**
[13] A1
[51] **Int.Cl. E02D 5/56 (2006.01)**
[25] EN
[54] **PILE, PILE HEAD AND CONNECTOR THEREFOR**
[54] **PIEU, TETE DE PIEU ET LEUR CONNECTEUR**
[72] REUSING, JULIAN L., CA
[72] PUDAR, PREDRAG, CA
[71] GOLIATHTECH INC., CA
[85] 2015-01-20
[86] 2014-08-22 (PCT/CA2014/000645)
[87] (WO2015/024108)
[30] US (61/868,773) 2013-08-22

[21] **2,882,894**
[13] A1
[51] **Int.Cl. H04W 16/02 (2009.01) H04W 16/18 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ALGORITHMICALLY BALANCING COST AND PERFORMANCE OF CELLULAR DATA CONNECTIONS IN MULTIPURPOSE COMMUNICATIONS GATEWAYS**
[54] **PROCEDES ET SYSTEMES PERMETTANT UN EQUILIBRAGE ALGORITHMIQUE DU COUT ET DE LA PERFORMANCE DES CONNEXIONS DE DONNEES CELLULAIRES DANS DES PASSERELLES DE COMMUNICATION POLYVALENTES**
[72] RALSTON, ROBERT E., US
[72] BLOOM, JUSTIN D., US
[71] FEENEY WIRELESS, LLC, US
[85] 2015-02-24
[86] 2013-08-22 (PCT/US2013/056148)
[87] (WO2014/035787)
[30] US (61/693,753) 2012-08-27
[30] US (13/966,210) 2013-08-13

[21] **2,882,895**
[13] A1
[51] **Int.Cl. G06F 3/02 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **ERGONOMIC DATA ENTRY DEVICE**
[54] **DISPOSITIF D'ENTREE DE DONNEES ERGONOMIQUE**
[72] PARKER, MARK ANDREW, US
[71] TREWGRIP, LLC, US
[85] 2015-02-24
[86] 2013-08-26 (PCT/US2013/056626)
[87] (WO2014/035883)
[30] US (13/600,564) 2012-08-31

[21] **2,882,896**
[13] A1
[51] **Int.Cl. C12P 7/18 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12N 15/55 (2006.01) C12N 15/60 (2006.01) C12P 7/14 (2006.01) C12P 7/16 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **MICROORGANISMS AND METHODS FOR ENHANCING THE AVAILABILITY OF REDUCING EQUIVALENTS IN THE PRESENCE OF METHANOL, AND FOR PRODUCING 1,4-BUTANEDIOL RELATED THERETO**
[54] **MICRO-ORGANISMES ET PROCEDES PERMETTANT D'AMELIORER LA DISPONIBILITE D'EQUIVALENTS REDUCTEURS EN PRESENCE DE METHANOL, ET DE PRODUIRE DU 1,4-BUTANEDIOL**
[72] BURGARD, ANTHONY P., US
[72] OSTERHOUT, ROBIN E., US
[72] VAN DIEN, STEPHEN J., US
[72] TRACEWELL, CARA ANN, US
[72] PHARKYA, PRITI, US
[72] ANDRAE, STEFAN, US
[71] GENOMATICA, INC., US
[85] 2015-02-24
[86] 2013-08-27 (PCT/US2013/056725)
[87] (WO2014/035925)
[30] US (61/693,683) 2012-08-27
[30] US (61/766,609) 2013-02-19
[30] US (13/975,678) 2013-08-26

[21] **2,882,897**
[13] A1
[51] **Int.Cl. E21B 43/17 (2006.01) E21B 47/26 (2012.01)**
[25] EN
[54] **ANALYSIS OF ENHANCED OIL RECOVERY (EOR) PROCESSES FOR NATURALLY-FRACTURED RESERVOIRS**
[54] **ANALYSE DE PROCESSUS DE RECUPERATION DE PETROLE AMELIOREE (EOR) POUR RESERVOIRS NATURELLEMENT FRACTURES**
[72] GURPINAR, OMER M., US
[72] ORTIZ, JAIME MORENO, AU
[72] LIU, YUNLONG, CN
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-02-24
[86] 2013-08-29 (PCT/US2013/057271)
[87] (WO2014/036245)
[30] US (61/695,992) 2012-08-31
[30] US (14/012,064) 2013-08-28

[21] **2,882,898**
[13] A1
[51] **Int.Cl. B03C 3/12 (2006.01) B03C 3/82 (2006.01)**
[25] EN
[54] **METHOD FOR COLLECTING FINE PARTICLES FROM FLUE GASES, AND A CORRESPONDING DEVICE AND ARRANGEMENT**
[54] **PROCEDE POUR COLLECTER DES PARTICULES FINES DANS DES GAZ DE FUMEE, DISPOSITIF ET SYSTEME CORRESPONDANTS**
[72] LAITINEN, ARI, FI
[72] RAIHA, MIKA, FI
[72] PAAVILAINEN, SEPPO, FI
[72] KESKINEN, JORMA, FI
[71] TASSU ESP OY, FI
[85] 2015-02-25
[86] 2013-09-04 (PCT/FI2013/050851)
[87] (WO2014/037617)
[30] FI (20125919) 2012-09-06

[21] **2,882,899**
[13] A1
[51] **Int.Cl. H04N 21/4725 (2011.01) H04N 21/431 (2011.01)**
[25] EN
[54] **ENHANCING VIDEO CONTENT WITH EXTRINSIC DATA**
[54] **AMELIORATION D'UN CONTENU VIDEO A L'AIDE DE DONNEES EXTRINSEQUES**
[72] TIMMERMAN, JORDAN M., US
[72] ALIVERTI, BRENT D., US
[72] BRAHMBHATT, KINTAN D., US
[72] CARLSON, ADAM, US
[72] DANTZLER, JIM L., US
[72] TREDER, DOUGLAS M., US
[72] WILSON, BRIAN M., US
[72] YOUNG, KELVIN C., US
[72] WYMAN, MICHAEL JOHN, US
[71] AMAZON TECHNOLOGIES, INC., US
[71] IMDB.COM, INC., US
[85] 2015-02-24
[86] 2013-08-30 (PCT/US2013/057543)
[87] (WO2014/036413)
[30] US (13/601,267) 2012-08-31

[21] **2,882,900**
[13] A1
[51] **Int.Cl. E21B 17/01 (2006.01) B23Q 3/14 (2006.01)**
[25] EN
[54] **INSULATIVE COATING PROCESSES FOR ELECTROMAGNETIC TELEMETRY MANDRELS**
[54] **PROCESSUS DE REVETEMENT ISOLANT POUR MANDRINS DE TELEMETRIE ELECTROMAGNETIQUE**
[72] CARTER, DANIEL PATRICK, US
[72] HENDRICKS, WILL EDGAR, US
[72] ONYA, CHUKA BENJAMIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-24
[86] 2013-09-30 (PCT/US2013/062630)
[87] (WO2014/055412)
[30] US (61/710,353) 2012-10-05

[21] **2,882,901**
[13] A1
[51] **Int.Cl. A61N 1/39 (2006.01)**
[25] EN
[54] **ENVIRONMENT AND USE MONITORING SYSTEM FOR ADVANCED LIFE SUPPORT DEVICES**
[54] **ENVIRONNEMENT ET SYSTEME DE SURVEILLANCE D'UTILISATION POUR DES DISPOSITIFS DE SURVIE PERFECTIONNES**
[72] GUMBRELL, GEORGE PAUL, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2015-02-25
[86] 2013-08-23 (PCT/IB2013/056841)
[87] (WO2014/033605)
[30] US (61/694,426) 2012-08-29

[21] **2,882,902**
[13] A1
[51] **Int.Cl. B02C 4/30 (2006.01) B30B 11/16 (2006.01)**
[25] EN
[54] **ROLL FOR A ROLLER GRINDER, AND ROLLER GRINDER COMPRISING SUCH ROLL**
[54] **ROULEAU POUR UNE MEULE A ROULEAU, ET MEULE A ROULEAU COMPRENANT UN TEL ROULEAU**
[72] NIKLEWSKI, ANDRZEJ, BR
[72] BARSCEVICIUS, PAULO, BR
[71] METSO BRASIL INDUSTRIA E COMERCIO LTDA, BR
[85] 2015-02-25
[86] 2013-08-26 (PCT/IB2013/056886)
[87] (WO2014/033609)
[30] EP (12182107.8) 2012-08-29

[21] **2,882,903**
[13] A1
[51] **Int.Cl. G01V 3/26 (2006.01) G01V 3/28 (2006.01)**
[25] EN
[54] **REDUCING CONDUCTIVE CASING EFFECT IN TRANSIENT CASED-HOLE RESISTIVITY LOGGING**
[54] **REDUCTION DE L'EFFET CONDUCTEUR D'UN TUBAGE LORS D'UNE DIAGRAPHIE TRANSITOIRE DE RESISTIVITE EN PUITS TUBE**
[72] WU, DAGANG, US
[72] BITTAR, MICHAEL S., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2012-11-21 (PCT/US2012/066312)
[87] (WO2014/081428)

[21] **2,882,906**
[13] A1
[51] **Int.Cl. G06Q 50/02 (2012.01) E02F 9/20 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM AND MANAGEMENT METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION**
[72] TAKEDA, KOJI, JP
[71] KOMATSU LTD., JP
[85] 2014-05-20
[86] 2013-08-20 (PCT/JP2013/072223)
[87] (WO2015/025371)

[21] **2,882,913**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) C02F 1/00 (2006.01) C25C 1/00 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR THE REDUCTION OF THE CONCENTRATION OF POLLUTANTS AND/OR VALUABLE ELEMENTS IN THE WATER**
[54] **PROCEDE ET INSTALLATION POUR LA REDUCTION DE LA CONCENTRATION DE POLLUANTS ET/OU D'ELEMENTS DE VALEUR DANS L'EAU**
[72] ABRAMI, ANTONINO, IT
[72] TAMBURINI, FABRIZIO, IT
[71] SEGREGATION OF METAL SYSTEM S.R.L., IT
[85] 2015-02-20
[86] 2013-08-05 (PCT/IB2013/056396)
[87] (WO2014/024110)
[30] IT (RM2012A000394) 2012-08-06

[21] **2,882,914**
[13] A1
[51] **Int.Cl. E21D 19/00 (2006.01) E21D 11/00 (2006.01) E21D 11/40 (2006.01)**
[25] EN
[54] **MESH HANDLING APPARATUS AND RELATED METHODS**
[54] **APPAREIL DE MANIPULATION DE TREILLIS ET PROCEDES CORRESPONDANTS**
[72] BURGESS, TIMOTHY D., US
[72] PAYNE, STEVEN E., US
[72] WILSON, HENRY E., US
[71] J.H. FLETCHER & CO., US
[85] 2015-02-10
[86] 2013-08-19 (PCT/US2013/055559)
[87] (WO2014/028924)
[30] US (61/684,423) 2012-08-17

[21] **2,882,915**
[13] A1
[51] **Int.Cl. C08G 64/34 (2006.01)**
[25] EN
[54] **POLYETHER CARBONATE POLYOL PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE POLYETHERCARBONATE POLYOLS**
[72] MULLER, THOMAS ERNST, DE
[72] GURTLER, CHRISTOPH, DE
[72] HOFMANN, JORG, DE
[72] WOHAK, MATTHIAS, DE
[72] BRAUN, STEFANIE, DE
[72] WOLF, AUREL, DE
[72] PECKERMANN, ILJA, DE
[71] BAYER MATERIALSCIENCE AG, DE
[85] 2015-02-24
[86] 2013-08-23 (PCT/EP2013/067580)
[87] (WO2014/033071)
[30] EP (12181907.2) 2012-08-27

[21] **2,882,918**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) A61J 1/00 (2006.01) A61J 1/03 (2006.01)**
[25] EN
[54] **SPOON DELIVERY DEVICE AND METHOD OF MANUFACTURING THE SAME TO IMPROVE THE ADMINISTRATION OF MEDICINE**
[54] **DISPOSITIF DE CUILLERE D'APPORT ET SON PROCEDE DE FABRICATION POUR AMELIORER L'ADMINISTRATION DE MEDICAMENT**
[72] LEFFLER, ADAM, US
[71] LEFFLER, ADAM, US
[85] 2015-02-24
[86] 2012-02-07 (PCT/US2012/024190)
[87] (WO2013/039560)
[30] US (13/220,414) 2011-09-13

[21] **2,882,919**
[13] A1
[51] **Int.Cl. A61B 5/0468 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING HYPERGLYCAEMIA**
[54] **PROCEDE ET APPAREIL D'IDENTIFICATION DE L'HYPERGLYCEMIE**
[72] NGUYEN, HUNG, AU
[71] UNIVERSITY OF TECHNOLOGY, SYDNEY, AU
[85] 2015-02-24
[86] 2013-08-29 (PCT/AU2013/000970)
[87] (WO2014/032105)
[30] AU (2012903747) 2012-08-29

[21] **2,882,921**
[13] A1
[51] **Int.Cl. A61K 8/891 (2006.01) A61K 8/02 (2006.01) A61K 8/04 (2006.01) A61Q 15/00 (2006.01) B65D 83/14 (2006.01) B65D 83/44 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **AEROSOL ANTIPERSPIRANT COMPOSITIONS, PRODUCTS AND METHODS**
[54] **COMPOSITIONS ANTITRANSPIRATION EN AEROSOLS, PRODUITS ET PROCEDES CORRESPONDANTS**
[72] SWAILE, DAVID FREDERICK, US
[72] PASSI, RAJEEV KUMAR, US
[72] ZOLLER, ANN CHRISTINE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-02-23
[86] 2013-09-13 (PCT/US2013/059685)
[87] (WO2014/043487)
[30] US (61/701,201) 2012-09-14

[21] **2,882,923**
[13] A1
[51] **Int.Cl. C07D 209/88 (2006.01) A61K 31/403 (2006.01) A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01) C07D 209/08 (2006.01) C07D 209/82 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **PRO-NEUROGENIC COMPOUNDS**
[54] **COMPOSES PRO-NEUROGENES**
[72] MCKNIGHT, STEVEN L., US
[72] PIEPER, ANDREW A., US
[72] READY, JOSEPH M., US
[72] DE BRABANDER, JEF K., US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-02-24
[86] 2012-08-24 (PCT/US2012/052283)
[87] (WO2014/031125)
[30] US (13/594,223) 2012-08-24

[21] **2,882,924**
[13] A1
[51] **Int.Cl. D06M 15/576 (2006.01) D06M 15/643 (2006.01)**
[25] EN
[54] **PROCESSES TO MAKE WATER AND OIL REPELLENT BCF YARN**
[54] **PROCEDES DE FABRICATION DE FIL BCF HYDROFUGE ET OLEOFUGE**
[72] TUNG, WAE-HAI, US
[72] RITTENHOUSE, RONNIE, US
[71] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2015-02-23
[86] 2013-09-18 (PCT/US2013/060342)
[87] (WO2014/047136)
[30] US (61/702,851) 2012-09-19

[21] **2,882,925**
[13] A1
[51] **Int.Cl. C07C 51/21 (2006.01) B01J 25/00 (2006.01) B01J 32/00 (2006.01) C07C 51/54 (2006.01)**
[25] EN
[54] **METHODS FOR THE VALORIZATION OF CARBOHYDRATES**
[54] **PROCEDE POUR LA VALORISATION DE GLUCIDES**
[72] PATIENCE, GREGORY, CA
[72] SHEKARI, ALI, CA
[72] FARRIE, YOUSSEF, CA
[71] POLYVALOR SOCIETE EN COMMANDITE, CA
[85] 2015-02-24
[86] 2012-08-22 (PCT/CA2012/000781)
[87] (WO2013/029149)
[30] US (61/527,711) 2011-08-26

[21] **2,882,927**
[13] A1
[51] **Int.Cl. A61K 47/30 (2006.01) A61K 9/20 (2006.01) C07C 231/00 (2006.01)**
[25] EN
[54] **STABILISED AMORPHOUS FORM OF AGOMELATINE, A PROCESS FOR ITS PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING IT**
[54] **FORME AMORPHE STABILISEE D'AGOMELATINE, PROCEDE POUR SA PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LA CONTENANT**
[72] LAFARGUE, DAVID, FR
[72] LYNCH, MICHAEL, FR
[72] POIRIER, CECILE, FR
[72] LETELLIER, PHILIPPE, FR
[72] PEAN, JEAN-MANUEL, FR
[72] LUO, YING, CN
[72] SHAN, HANBIN, CN
[72] SHEN, YUHUI, CN
[71] LES LABORATOIRES SERVIER, FR
[71] SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY, CN
[85] 2015-02-24
[86] 2013-09-11 (PCT/EP2013/068792)
[87] (WO2014/041015)
[30] CN (PCT/CN2012/081250) 2012-09-11
[30] FR (12/59064) 2012-09-26

[21] **2,882,929**
[13] A1
[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **RHEOLOGICALLY STABLE AQUEOUS MINERAL MATERIAL SUSPENSIONS COMPRISING ORGANIC POLYMERS HAVING REDUCED VOLATILE ORGANIC COMPOUND (VOC) CONTENT**
[54] **SUSPENSIONS DE MATIERE MINERALE AQUEUSES STABLES DE FACON RHEOLOGIQUE COMPRENANT DES POLYMERES ORGANIQUES AYANT UNE TENEUR REDUITE EN COMPOSE ORGANIQUE VOLATIL (COV)**
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK A. C., CH
[71] OMYA DEVELOPMENT AG, CH
[85] 2015-02-24
[86] 2013-09-20 (PCT/EP2013/069641)
[87] (WO2014/048856)
[30] EP (12186131.4) 2012-09-26
[30] US (61/709,176) 2012-10-03

[21] **2,882,933**
[13] A1
[51] **Int.Cl. E21B 43/263 (2006.01)**
[25] EN
[54] **PROCESS FOR DIRECTED FRACKING OF AN UNDERGROUND FORMATION INTO WHICH AT LEAST ONE DIRECTIONAL WELL HAS BEEN SUNK**
[54] **PROCEDE DE FRACTURATION D'UNE FORMATION SOUTERRAINE DANS LAQUELLE EST CREUSE AU MOINS UN TROU DE FORAGE DEVIE**
[72] STEHLE, VLADIMIR, DE
[71] WINTERSHALL HOLDING GMBH, DE
[85] 2015-02-24
[86] 2013-09-25 (PCT/EP2013/070009)
[87] (WO2014/049017)
[30] EP (12186274.2) 2012-09-27

[21] **2,882,936**
[13] A1
[51] **Int.Cl. F16J 15/12 (2006.01) F16L 19/02 (2006.01) F16L 19/025 (2006.01)**
[25] EN
[54] **HAMMER UNION ASSEMBLY, HAMMER UNION SEAL THEREFOR AND METHOD OF CONSTRUCTING A HAMMER UNION SEAL**
[54] **ENSEMBLE RACCORD DE MARTEAU, JOINT DE RACCORD DE MARTEAU POUR CELUI-CI ET PROCEDE DE CONSTRUCTION D'UN JOINT DE RACCORD DE MARTEAU**
[72] MYERS, MICHAEL J., US
[71] FEDERAL-MOGUL CORPORATION, US
[85] 2015-02-24
[86] 2013-08-20 (PCT/US2013/055677)
[87] (WO2014/031577)
[30] US (13/594,765) 2012-08-24

[21] **2,882,937**
[13] A1
[51] **Int.Cl. C01B 17/90 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING SULFURIC ACID WITH LOW LEVELS OF NITROGEN OXIDES**
[54] **PROCEDE DE PRODUCTION D'ACIDE SULFURIQUE CONTENANT DE FAIBLES TAUX D'OXYDES D'AZOTE**
[72] DINDI, HASAN, US
[72] LOFTUS, DONALD JAMES, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-02-24
[86] 2013-08-27 (PCT/US2013/056706)
[87] (WO2014/035915)
[30] US (61/693,368) 2012-08-27
[30] US (13/969,836) 2013-08-19

[21] **2,882,938**
[13] A1
[51] **Int.Cl. A63C 11/22 (2006.01)**
[25] EN
[54] **POLE HANDLE**
[54] **POIGNEE DE BATON**
[72] MEYER, ERIK LORANGE, NO
[72] PEDERSEN, SVEIN, NO
[72] REITEN, ELISE, NO
[72] KARLOF, LARS, NO
[71] SWIX SPORT AS, NO
[85] 2015-02-24
[86] 2013-09-24 (PCT/EP2013/069770)
[87] (WO2014/048890)
[30] NO (20121104) 2012-09-27

[21] **2,882,939**
[13] A1
[51] **Int.Cl. B42F 5/04 (2006.01) B42F 5/02 (2006.01)**
[25] EN
[54] **PROTECTIVE BAG FOR STORING STAMPS AND SIMILAR PRODUCTS**
[54] **POCHETTE DE PROTECTION POUR CONSERVER DES TIMBRES ET DES PRODUITS SIMILAIRES**
[72] BECK, HEINZ, DE
[71] RENATE BECK GMBH, DE
[85] 2015-02-24
[86] 2014-02-27 (PCT/EP2014/053850)
[87] (WO2014/146883)
[30] DE (10 2013 004 578.9) 2013-03-18

[21] **2,882,940**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **TARGETED AGRICULTURAL RECOMMENDATION SYSTEM**
[54] **SYSTEME DE RECOMMANDATION AGRICOLE CIBLEE**
[72] AVEY, DONALD P., US
[72] BAX, PHILLIP L., US
[72] GIVENS, WADE ALEXANDER, US
[72] HEIMBAUGH, ROBERT LEE, US
[72] MITCHELL, STEVEN BRENT, US
[72] WEI, JUN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2015-02-24
[86] 2013-08-29 (PCT/US2013/057320)
[87] (WO2014/036281)
[30] US (61/695,129) 2012-08-30
[30] US (13/793,673) 2013-03-11

[21] **2,882,941**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **PATIENT INFORMATION SOFTWARE SYSTEM INCLUDING INFUSION MAP**
[54] **SYSTEME DE LOGICIEL D'INFORMATIONS DE PATIENT COMPRENANT UNE CARTE DE PERFUSION**
[72] DUDAR, THOMAS EDWARD, US
[72] JEPSON, STEVEN CLARENCE, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[85] 2015-02-24
[86] 2013-09-06 (PCT/US2013/058532)
[87] (WO2014/039835)
[30] US (61/697,648) 2012-09-06

[21] **2,882,942**
[13] A1
[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **VIBRATING ORTHODONTIC STRIP**
[54] **BANDE ORTHODONTIQUE VIBRANTE**
[72] LOWE, MICHAEL K., US
[72] SWOL, LAWRENCE W., US
[71] ORTHOACCEL TECHNOLOGIES, INC., US
[85] 2015-02-24
[86] 2013-09-16 (PCT/US2013/059928)
[87] (WO2014/047004)
[30] US (61/704,724) 2012-09-24

[21] **2,882,943**
[13] A1
[51] **Int.Cl. A61F 2/30 (2006.01)**
[25] EN
[54] **SPINAL IMPLANT HAVING A PASSAGE FOR ENHANCING CONTACT BETWEEN BONE GRAFTMATERIAL AND CORTICAL ENDPLATE BONE**
[54] **IMPLANT RACHIDIEN POSSEDANT UN PASSAGE DE CONTACT AMELIORE ENTRE UN GREFFON OSSEUX ET UN OS DE PLAQUE D'EXTREMITE CORTICALE**
[72] ULLRICH, PETER F., JR., US
[72] PATTERSON, CHAD J., US
[71] TITAN SPINE, LLC, US
[85] 2014-12-22
[86] 2013-06-14 (PCT/US2013/045830)
[87] (WO2014/004121)
[30] US (13/534,624) 2012-06-27

[21] **2,882,944**
[13] A1
[51] **Int.Cl. A61B 5/0215 (2006.01)**
[25] EN
[54] **PRESSURE SENSING GUIDEWIRE**
[54] **FIL-GUIDE DETECTANT LA PRESSION**
[72] VOELLER, VIRGIL F., US
[72] HASTINGS, ROGER N., US
[72] HANSON, BRIAN J., US
[72] EDMUNDS, KEVIN D., US
[72] RICHARDSON, LEONARD B., US
[72] PIKUS, MICHAEL J., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-02-24
[86] 2013-09-17 (PCT/US2013/060168)
[87] (WO2014/043704)
[30] US (61/702,015) 2012-09-17

[21] **2,882,945**
[13] A1
[51] **Int.Cl. A23L 1/09 (2006.01)**
[25] EN
[54] **A SWEETENER COMPOSITION**
[54] **COMPOSITION D'EDULCORANT**
[72] CATANI, STEVEN J., US
[72] CHAPELLO, WILLIAM J., US
[72] PANARISI, JR., JOSEPH R., US
[72] NAVIA, JUAN L., US
[71] MCNEIL NUTRITIONALS, LLC, US
[85] 2015-02-25
[86] 2013-08-02 (PCT/US2013/053381)
[87] (WO2014/035601)
[30] US (61/693,449) 2012-08-27

[21] **2,882,946**
[13] A1
[51] **Int.Cl. H04L 12/803 (2013.01) H04W 40/02 (2009.01) H04L 12/701 (2013.01) H04L 12/46 (2006.01)**
[25] EN
[54] **DATA STREAM DIVISION TO INCREASE DATA TRANSMISSION RATES**
[54] **DIVISION DE FLUX DE DONNEES POUR AUGMENTER LES DEBITS DE TRANSMISSION DE DONNEES**
[72] RANIERE, KEITH A., US
[71] FIRST PRINCIPLES, INC., US
[85] 2015-02-24
[86] 2013-09-13 (PCT/US2013/059661)
[87] (WO2014/043469)
[30] US (13/613,230) 2012-09-13

[21] **2,882,947**
[13] A1
[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4439 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF A REVERSE TRANSCRIPTASE INHIBITOR**
[54] **FORME CRISTALLINE D'INHIBITEUR DE TRANSCRIPTASE INVERSE**
[72] MAGUIRE, COURTNEY K., US
[71] MERCK SHARP & DOHME CORP., US
[85] 2015-02-24
[86] 2013-09-20 (PCT/US2013/060787)
[87] (WO2014/052171)
[30] US (61/705,780) 2012-09-26

[21] **2,882,948**
[13] A1
[51] **Int.Cl. A61D 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING AND INDICATING THE PREPARATORY PHASE OF BIRTHING A BOVINE OR EQUINE ANIMAL, AND CORRESPONDING METHOD AND COMPUTER PROGRAM PRODUCT**
[54] **DISPOSITIF DE DETECTION ET DE SIGNALISATION DE LA PHASE PREPARATOIRE DE MISE-BAS D'UN BOVIN OU D'UN EQUIDE, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[72] PHILIPOT, JEAN-MICHEL, FR
[71] EVOLUTION NT, FR
[85] 2015-02-24
[86] 2013-08-28 (PCT/FR2013/051982)
[87] (WO2014/033403)
[30] FR (12 58128) 2012-08-31
[30] FR (12 58539) 2012-09-11

[21] **2,882,949**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/582 (2006.01) C09K 8/60 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING WELLBORE AND WELLBORE OPERATION FLUIDS**
[54] **PROCEDES DE TRAITEMENT D'UN PUITS DE FORAGE ET FLUIDES OPERATIONNELS DE PUITS DE FORAGE**
[72] WEAVER, JIMMIE D., US
[72] LORD, PAUL D., US
[72] HARDY-MCGOWEN, MARY A., AU
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-24
[86] 2013-09-26 (PCT/US2013/061804)
[87] (WO2014/052519)
[30] US (13/629,664) 2012-09-28

[21] **2,882,950**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) A61K 31/553 (2006.01) A61P 35/00 (2006.01) C07D 471/16 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS THAT ARE ERK INHIBITORS**
[54] **NOUVEAUX COMPOSES INHIBITEURS DE ERK**
[72] WILSON, KEVIN J., US
[72] WITTER, DAVID J., US
[72] SILIPHAIVANH, PHIENG, US
[72] LIPFORD, KATHRYN, US
[72] SLOMAN, DAVID, US
[72] FALCONE, DANIELLE, US
[72] O'BOYLE, BRENDAN, US
[72] MANSOOR, UMAR FARUK, US
[72] LIM, JONGWON, US
[72] METHOT, JOEY L., US
[72] BOYCE, CHRISTOPHER, US
[72] CHEN, LEI, US
[72] DANIELS, MATTHEW H., US
[72] FEVRIER, SALEM, US
[72] HUANG, XIANHAI, US
[72] KURUKULASURIYA, RAVI, US
[72] TONG, LING, US
[72] ZHOU, WEI, US
[72] KOZLOWSKI, JOSEPH, US
[72] MALETIC, MILANA M., US
[72] SHINKRE, BIDHAN A., IN
[72] THATAI, JAYANTH THIRUVELLORE, IN
[72] BAKSHI, RAMAN KUMAR, IN
[72] KARUNAKARAN, GANESH BABU, IN
[71] MERCK SHARP & DOHME CORP., US
[85] 2015-02-24
[86] 2013-09-26 (PCT/US2013/061878)
[87] (WO2014/052563)
[30] US (61/707,081) 2012-09-28

[21] **2,882,951**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 21/33 (2006.01)**
[25] EN
[54] **OPTICAL CHARACTERISATION OF DNA AND/OR RNA**
[54] **CARACTERISATION OPTIQUE DE L'ADN ET/OU DE L'ARN**
[72] BOONEFAES, TOM, BE
[71] TRINEAN NV, BE
[85] 2015-02-25
[86] 2013-08-30 (PCT/EP2013/068011)
[87] (WO2014/033268)
[30] GB (1215484.5) 2012-08-30

[21] **2,882,952**
[13] A1
[51] **Int.Cl. A61L 2/18 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **AUTONOMOUS MOBILE FOAM-PRODUCING UNIT FOR CLEANING**
[54] **UNITE MOBILE AUTONOME PRODUISANT DE LA MOUSSE POUR LE NETTOYAGE**
[72] MARTINEZ ROMERO, RODRIGO, MX
[72] MARTINEZ ROMERO, HUMBERTO, MX
[71] QUIMICA ROSMAR, S.A. DE C.V., MX
[85] 2015-02-25
[86] 2013-08-30 (PCT/MX2013/000104)
[87] (WO2014/035229)
[30] MX (MX/u/2012/000387) 2012-08-31

[21] **2,882,953**
[13] A1
[51] **Int.Cl. B65G 61/00 (2006.01) B65G 57/24 (2006.01)**
[25] EN
[54] **GRIPPING HEAD FOR GROUPS OF PRODUCTS**
[54] **TETE DE SAISIE POUR GROUPES DE PRODUITS**
[72] GUIDI, ROBERTO, IT
[72] MANZINI, FRANCO, IT
[71] ELETTRIC 80 S.P.A., IT
[85] 2015-02-25
[86] 2013-10-31 (PCT/IB2013/059817)
[87] (WO2014/068513)
[30] IT (VR2012A000217) 2012-10-31

[21] **2,882,954**
[13] A1
[51] **Int.Cl. C05C 9/00 (2006.01) C05C 1/00 (2006.01) C05G 3/00 (2006.01) C07C 273/14 (2006.01)**
[25] EN
[54] **UREA PASSIVATION TECHNIQUE AND NEW PRODUCT PASSIVATED UREA, TO MAKE UREA OR UREA-BASED COMPOUND UNIVERSALLY BLENDABLE**
[54] **TECHNIQUE DE PASSIVATION D'UREE ET NOUVEAU PRODUIT UREE PASSIVEE, POUR FABRIQUER DE L'UREE OU UN COMPOSE A BASE D'UREE POUVANT ETRE MELANGE DE FACON UNIVERSELLE**
[72] LEDOUX, FRANCOIS, FR
[71] YARA INTERNATIONAL ASA, NO
[85] 2015-02-24
[86] 2013-08-28 (PCT/EP2013/067799)
[87] (WO2014/033160)
[30] NO (20120973) 2012-08-29

[21] **2,882,955**
[13] A1
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0481 (2013.01) G06F 3/041 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **DISPLAY CONTROL DEVICE, THIN-CLIENT SYSTEM, DISPLAY CONTROL METHOD AND RECORDING MEDIUM**
[54] **DISPOSITIF DE COMMANDE D'AFFICHAGE, SYSTEME CLIENT LEGER, PROCEDE DE COMMANDE D'AFFICHAGE ET SUPPORT D'ENREGISTREMENT**
[72] KADOMATSU, YASUKI, JP
[71] NEC SOLUTION INNOVATORS, LTD., JP
[85] 2015-02-25
[86] 2013-08-01 (PCT/JP2013/070889)
[87] (WO2014/034369)
[30] JP (2012-192639) 2012-08-31

[21] **2,882,956**
[13] A1
[51] **Int.Cl. G01N 9/00 (2006.01)**
[25] EN
[54] **SENSOR CHARACTERIZATION APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREIL, PROCEDES ET SYSTEMES DE CARACTERISATION DE CAPTEUR**
[72] CHEN, DINGDING, US
[72] GAO, LI, US
[72] PELLETIER, MICHAEL T., US
[72] RODRIGUEZ, NESTOR JAVIER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2012-08-28 (PCT/US2012/052666)
[87] (WO2014/035374)

[21] **2,882,957**
[13] A1
[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/512 (2006.01) C09K 8/516 (2006.01) C09K 8/68 (2006.01) E21B 21/00 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE TROU DE FORAGE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] MURPHY, ROBERT J., US
[72] MILLER, MATTHEW L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2013-08-23 (PCT/US2013/056352)
[87] (WO2014/035810)
[30] US (13/601,365) 2012-08-31

[21] **2,882,958**
[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) A61K 9/14 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR TREATING HYPERGLYCEMIA**
[54] **METHODE ET COMPOSITION POUR TRAITER L'HYPERGLYCEMIE**
[72] MANN, ALFRED E., US
[71] MANNKIND CORPORATION, US
[85] 2015-02-25
[86] 2013-08-29 (PCT/US2013/057397)
[87] (WO2014/036323)
[30] US (61/694,741) 2012-08-29

[21] **2,882,959**
[13] A1
[51] **Int.Cl. A62B 18/10 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE**
[54] **APPAREIL D'ECHAPPEMENT ELECTRIQUE POUR UN DISPOSITIF RESPIRATOIRE DE PROTECTION PERSONNELLE**
[72] CURRAN, DESMOND T., GB
[72] HENDERSON, CHRISTOPHER P., GB
[72] COOPER, BENJAMIN H., GB
[72] GODFREY, PHILLIP J., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-02-25
[86] 2013-08-12 (PCT/US2013/054451)
[87] (WO2014/035641)
[30] GB (1215568.5) 2012-08-31

[21] **2,882,960**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **DEVICE FOR ABLATING AND ELECTROPORATING TISSUE CELLS**
[54] **DISPOSITIF D'ABLATION ET D'ELECTROPORATION DE CELLULES TISSULAIRES**
[72] SHERMAN, MARSHALL L., US
[71] MEDTRONIC ABLATION FRONTIERS LLC, US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056756)
[87] (WO2014/039320)
[30] US (13/604,700) 2012-09-06

[21] **2,882,961**
[13] A1
[51] **Int.Cl. F04D 29/42 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **ACCESSIBLE BLOWER ASSEMBLY, BLOWER SLIDER ASSEMBLY, AND METHODS**
[54] **ENSEMBLE SOUFFLANTE ACCESSIBLE, ENSEMBLE COULISSEAU DE SOUFFLANTE ET PROCEDES ASSOCIES**
[72] LOCKER, TODD ROBERT, JR., US
[72] RIGGLE, MATTHEW W., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-02-25
[86] 2013-08-13 (PCT/US2013/054662)
[87] (WO2014/035661)
[30] US (61/693,511) 2012-08-27
[30] US (13/906,910) 2013-05-31

[21] **2,882,962**
[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **ANALYTIC MORPHOMICS: HIGH SPEED MEDICAL IMAGE AUTOMATED ANALYSIS METHOD**
[54] **MORPHOMIQUE ANALYTIQUE : METHODE D'ANALYSE AUTOMATISEE D'IMAGES MEDICALES A GRANDE VITESSE**
[72] WANG, STEWART, US
[72] HOLCOMBE, SVEN ALAN, US
[72] HUHDANPAA, HANNU, US
[72] SULLIVAN, JUNE, US
[72] KOHOYDA-INGLIS, CARLA, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057501)
[87] (WO2014/036389)
[30] US (61/694,944) 2012-08-30
[30] US (14/014,485) 2013-08-30

[21] **2,882,963**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **PERMEABILITY FLOW CELL AND HYDRAULIC CONDUCTANCE SYSTEM**
[54] **SYSTEME DE CUVE A CIRCULATION DE PERMEABILITE ET DE CONDUCTANCE HYDRAULIQUE**
[72] HEIPP, PAUL S., US
[72] SHARMA, DEEPAK, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057439)
[87] (WO2014/036354)
[30] US (13/600,451) 2012-08-31

[21] **2,882,964**
[13] A1
[51] **Int.Cl. A61K 31/191 (2006.01) A61K 8/43 (2006.01) A61K 9/08 (2006.01) A61K 31/155 (2006.01) A61K 47/14 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **CHLORHEXIDINE GLUCONATE SOLUBILIZED IN A HYDROPHOBIC MONOACYLGLYCERIDE**
[54] **GLUCONATE DE CHLORHEXIDINE SOLUBILISE DANS DU MONOACYLGLYCERIDE HYDROPHOBE**
[72] MENON, VINOD P., US
[72] RULE, JOSEPH D., US
[72] ROSS, RICHARD B., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056802)
[87] (WO2014/035971)
[30] US (61/694,080) 2012-08-28

[21] **2,882,965**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **PERMEABILITY FLOW CELL AND HYDRAULIC CONDUCTANCE SYSTEM**
[54] **SYSTEME DE CUVE A CIRCULATION ET A CONDUCTANCE HYDRAULIQUE DE MESURE DE LA PERMEABILITE**
[72] SHARMA, DEEPAK, US
[72] HEIPP, PAUL S., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057445)
[87] (WO2014/036358)
[30] US (13/600,459) 2012-08-31

[21] **2,882,966**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/115 (2010.01) A61K 31/7088 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **MIRNA MODULATORS OF CHRONIC VISCERAL INFLAMMATION**
[54] **MODULATEURS DE TYPE MICROARN DE L'INFLAMMATION VISCERALE CHRONIQUE**
[72] THIBONNIER, MARC, US
[71] APTAMIR THERAPEUTICS, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057568)
[87] (WO2014/036429)
[30] US (61/695,471) 2012-08-31

[21] **2,882,974**
[13] A1
[51] **Int.Cl. H02M 3/335 (2006.01) H02J 5/00 (2006.01)**
[25] EN
[54] **FEEDBACK CONTROLLED COIL DRIVER FOR INDUCTIVE POWER TRANSFER**
[54] **DISPOSITIF DE COMMANDE DE BOBINE ASSERVI PAR RETROACTION DESTINE A PERMETTRE UN TRANSFERT DE PUISSANCE INDUCTIF**
[72] LEE, EDWARD K.F., US
[71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057592)
[87] (WO2014/036449)
[30] US (61/695,815) 2012-08-31

[21] **2,882,975**
[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING HYPOXIA INDUCED DAMAGE**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION D'UN DOMMAGE INDUIT PAR L'HYPOXIE**
[72] KANDEL, EUGENE, US
[72] ZYNDA, EVAN, US
[72] SCHOTT, BRIGITTE, FR
[71] HEALTH RESEARCH INC., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-02-25
[86] 2013-09-05 (PCT/US2013/058220)
[87] (WO2014/039648)
[30] US (61/697,366) 2012-09-06
[30] US (61/779,256) 2013-03-13

[21] **2,882,976**
[13] A1
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/84 (2006.01)**
[25] EN
[54] **IMPLANT SUITABLE FOR CALCANEAL OSTEOTOMY**
[54] **IMPLANT APPROPRIE A UNE OSTEOTOMIE CALCANEENNE**
[72] MCCORMICK, DANIEL, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-02-04
[86] 2013-08-28 (PCT/US2013/056942)
[87] (WO2015/026375)
[30] US (61/695,162) 2012-08-30
[30] US (14/011,244) 2013-08-27

[21] **2,882,977**
[13] A1
[51] **Int.Cl. A23J 3/20 (2006.01) A61K 38/22 (2006.01) C12N 1/13 (2006.01) C12N 15/18 (2006.01)**
[25] EN
[54] **TRANSGENIC MICROALGAE AND USE THEREOF FOR ORAL DELIVERY OF PROTEINS**
[54] **MICROALGUES TRANSGENIQUES ET LEUR UTILISATION POUR ADMINISTRATION PAR VOIE ORALE DE PROTEINES**
[72] MOSHITZKY, SHIRI, IL
[72] EISENSTADT, DORON, IL
[72] LEVI, GUY, IL
[72] CHEN, OFRA, IL
[71] TRANSALGAE ISRAEL LTD., IL
[85] 2015-02-23
[86] 2013-08-21 (PCT/IL2013/050712)
[87] (WO2014/030165)
[30] US (61/692,240) 2012-08-23
[30] US (61/781,103) 2013-03-14

[21] **2,882,978**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/16 (2006.01) A61K 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CURCUMIN-ER, A LIPOSOMAL-PLGA SUSTAINED RELEASE NANOCURCUMIN FOR MINIMIZING QT PROLONGATION FOR CANCER THERAPY**
[54] **CURCUMINE-ER, NANOCURCUMINE LIPOSOMALE A LIBERATION PROLONGEE-PLGA POUR REDUIRE AU MINIMUM LA PROLONGATION DU QT DANS LES THERAPIES ANTICANCEREUSES**
[72] RANJAN, AMALENDU PRAKASH, US
[72] MUKERJEE, ANINDITA, US
[72] VISHWANATHA, JAMBOOR K., US
[72] HELSON, LAWRENCE, US
[71] UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER, US
[71] SIGNPATH PHARMA INC., US
[85] 2015-02-23
[86] 2013-08-31 (PCT/US2013/057744)
[87] (WO2014/036534)
[30] US (61/695,827) 2012-08-31
[30] US (14/016,056) 2013-08-31

[21] **2,882,979**
[13] A1
[51] **Int.Cl. G02B 5/124 (2006.01) B82Y 20/00 (2011.01) B32B 37/12 (2006.01)**
[25] EN
[54] **RETROREFLECTOR WITH LOW REFRACTIVE INDEX BACKING**
[54] **RETROREFLECTEUR POURVU D'UN SUPPORT A FAIBLE INDICE DE REFRACTION**
[72] CHAPMAN, STEVEN R., US
[71] AVERY DENNISON CORPORATION, US
[85] 2015-02-24
[86] 2013-08-14 (PCT/US2013/054833)
[87] (WO2014/051867)
[30] US (13/595,065) 2012-08-27

[21] **2,882,980**
[13] A1
[51] **Int.Cl. A61B 17/86 (2006.01)**
[25] EN
[54] **ORTHOPEDIC FASTENER DEVICE**
[54] **DISPOSITIF D'ORGANE DE FIXATION ORTHOPEDIQUE**
[72] REED, GARY JACK, US
[71] REED, GARY JACK, US
[85] 2015-02-24
[86] 2013-08-22 (PCT/US2013/056248)
[87] (WO2014/031884)
[30] US (13/573,128) 2012-08-24

[21] **2,882,981**
[13] A1
[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/82 (2006.01)**
[25] EN
[54] **ORTHOPEDIC FASTENER METHOD**
[54] **PROCEDE D'ORGANE DE FIXATION ORTHOPEDIQUE**
[72] REED, GARY JACK, US
[71] REED, GARY JACK, US
[85] 2015-02-24
[86] 2013-08-22 (PCT/US2013/056253)
[87] (WO2014/031886)
[30] US (13/573,137) 2012-08-24

[21] **2,882,982**
[13] A1
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 39/39 (2006.01) C07K 14/11 (2006.01) C07K 14/255 (2006.01)**
[25] EN
[54] **FLAGELLIN FUSION PROTEINS AND METHODS OF USE**
[54] **PROTEINES DE FUSION DE FLAGELLINE ET METHODES D'UTILISATION**
[72] SONG, LANGZHOU, US
[72] LIU, GE, US
[72] UMLAUF, SCOTT, US
[72] KAVITA, UMA, US
[72] LI, HONG, US
[72] LIU, XIANGYU, US
[72] WEAVER, BRUCE, US
[72] TUSSEY, LYNDA, US
[71] VAXINNATE CORPORATION, US
[85] 2015-02-24
[86] 2013-08-27 (PCT/US2013/056838)
[87] (WO2014/035989)
[30] US (61/743,165) 2012-08-28
[30] US (13/931,028) 2013-06-28

[21] **2,882,983**
[13] A1
[51] **Int.Cl. E04F 13/21 (2006.01) E04F 13/22 (2006.01)**
[25] EN
[54] **FRONT ADJUSTABLE WALL PANEL MOUNTING DEVICE**
[54] **DISPOSITIF DE MONTAGE DE PANNEAU MURAL REGLABLE A L'AVANT**
[72] DURANLEAU, ANDRE, US
[71] ACCULIGN HOLDINGS, INC., US
[85] 2015-02-24
[86] 2013-08-28 (PCT/US2013/057021)
[87] (WO2014/036104)
[30] US (61/694,713) 2012-08-29
[30] US (61/805,470) 2013-03-26

[21] **2,882,984**
[13] A1
[51] **Int.Cl. A61M 36/06 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR IMPROVING BRACHYTHERAPY**
[54] **DISPOSITIF ET PROCEDE VISANT A AMELIORER LA CURIETHERAPIE**
[72] HERSKOVIC, ARNOLD M., US
[71] BOSTON SCIENTIFIC CORPORATION, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056373)
[87] (WO2014/031950)
[30] US (61/692,802) 2012-08-24

[21] **2,882,986**
[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM TO ENABLE MOBILE CONTACTLESS TICKETING/PAYMENTS VIA A MOBILE PHONE APPLICATION**
[54] **PROCEDE ET SYSTEME POUR PERMETTRE UNE EMISSION DE BILLET/DES PAIEMENTS SANS CONTACT MOBILE(S) PAR L'INTERMEDIAIRE D'UNE APPLICATION DE TELEPHONE MOBILE**
[72] PEREZ LAFUENTE, CARLOS ALBERTO, ES
[72] GARCIA MURGA, IMANOL, ES
[71] BANKINTER S.A., ES
[71] SEGLAN S.L., ES
[85] 2015-02-23
[86] 2013-08-07 (PCT/EP2013/066540)
[87] (WO2014/029620)
[30] ES (P 201200837) 2012-08-21
[30] ES (P 201300165) 2013-02-15
[30] ES (P 201300230) 2013-03-06
[30] ES (P 201300717) 2013-08-01

[21] **2,882,987**
[13] A1
[51] **Int.Cl. B65B 5/10 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR PACKAGING DOSED QUANTITIES OF SOLID DRUG PORTIONS COMPRISING MOVING COLLECTING CONTAINERS AND AN ANCILLARY DOSING STATION**
[54] **APPAREIL DE CONDITIONNEMENT DE QUANTITES DOSEES DE PORTIONS DE MEDICAMENTS SOLIDES CONTENANT DES RECIPIENTS DE RECUEIL MOBILES ET UNE STATION DE DOSAGE AUXILIAIRE**
[72] VAN DE KOOT, JOHN, NL
[72] LOKKERS, EDDY R., NL
[71] CAREFUSION SWITZERLAND 317 SARL, CH
[85] 2015-02-23
[86] 2013-08-16 (PCT/EP2013/067146)
[87] (WO2014/032993)
[30] EP (12182636.6) 2012-08-31

[21] **2,882,989**
[13] A1
[51] **Int.Cl. H04M 1/725 (2006.01) G07C 5/00 (2006.01) H04M 1/60 (2006.01)**
[25] EN
[54] **VEHICLE WIRELESS DEVICE DETECTION AND SHIELDING**
[54] **DETECTION ET EFFET D'ECRAN DE DISPOSITIF SANS FIL DE VEHICULE**
[72] CHALMERS, JEREMY, US
[72] MORGAN, KEITH, US
[72] STEWART, STEPHEN, US
[72] BURCHETT, ROBERT, US
[71] DISTRACTED DRIVING HOLDING COMPANY, LLC, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056317)
[87] (WO2014/031921)
[30] US (61/692,467) 2012-08-23
[30] US (13/776,255) 2013-02-25

[21] **2,882,993**
[13] A1
[51] **Int.Cl. C10G 31/06 (2006.01) B01D 5/00 (2006.01) C10B 53/02 (2006.01) C10G 11/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE DEVOLATILIZATION OF THERMALLY PRODUCED LIQUIDS**
[54] **SYSTEMES ET PROCEDES POUR LA DEVOLATILISATION DE LIQUIDES PRODUITS THERMIQUEMENT**
[72] HOPKINS, GEOFFREY, CA
[72] FREEL, BARRY A., CA
[72] CLARKE, DOUG, CA
[71] ENSYN RENEWABLES, INC., US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056400)
[87] (WO2014/031965)
[30] US (61/693,156) 2012-08-24

[21] **2,882,997**
[13] A1
[51] **Int.Cl. B07B 1/28 (2006.01) B32B 15/01 (2006.01)**
[25] EN
[54] **VIBRATING SCREEN**
[54] **TAMIS VIBRANT**
[72] CONVERY, ANTHONY, GB
[71] CDE GLOBAL LIMITED, GB
[85] 2015-02-24
[86] 2013-08-30 (PCT/EP2013/068028)
[87] (WO2014/033279)
[30] GB (1215562.8) 2012-08-31

[21] **2,882,999**
[13] A1
[51] **Int.Cl. G06F 3/0487 (2013.01) G06F 3/0488 (2013.01) G06F 3/041 (2006.01)**
[25] EN
[54] **TURBULENCE MITIGATION FOR TOUCH SCREEN SYSTEMS**
[54] **ATTENUATION DE TURBULENCE POUR DES SYSTEMES A ECRAN TACTILE**
[72] WILLIAMS, JEFFREY L., US
[72] FOSTER, SUSAN ANNE, US
[72] CLARK, JASON W., US
[72] SCHWARTZ, SAMANTHA ANN, US
[72] PILCHER, AARON DANIEL, US
[71] THE BOEING COMPANY, US
[85] 2015-02-23
[86] 2013-06-14 (PCT/US2013/046015)
[87] (WO2014/062246)
[30] US (13/652,104) 2012-10-15

[21] **2,883,000**
[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/108 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BIOCONJUGATES COMPRISING MODIFIED ANTIGENS AND USES THEREOF**
[54] **BIOCONJUGUES COMPRENANT DES ANTIGENES MODIFIES ET LEURS UTILISATIONS**
[72] WACKER, MICHAEL, CH
[72] KOWARIK, MICHAEL, CH
[72] WETTER, MICHAEL, CH
[71] GLYCOVAXYN AG, CH
[85] 2015-02-24
[86] 2013-09-10 (PCT/EP2013/068737)
[87] (WO2014/037585)
[30] US (61/698,843) 2012-09-10

[21] **2,883,002**
[13] A1
[51] **Int.Cl. A61K 31/02 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING MIXTURES OF SEMIFLUORINATED ALKANES**
[54] **COMPOSITIONS COMPRENANT DES MELANGES D'ALCANES SEMI-FLUORES**
[72] GUNTHER, BERNHARD, DE
[72] THEISINGER, BASTIAN, DE
[72] THEISINGER, SONJA, DE
[72] SCHERER, DIETER, CH
[71] NOVALIQ GMBH, DE
[85] 2015-02-24
[86] 2013-09-12 (PCT/EP2013/068882)
[87] (WO2014/041055)
[30] EP (12183997.1) 2012-09-12

[21] **2,883,003**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/232 (2006.01) A61K 47/06 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **SEMIFLUORINATED ALKANE COMPOSITIONS**
[54] **COMPOSITIONS D'ALCANES SEMIFLUORES**
[72] GUNTHER, BERNHARD, DE
[72] SCHERER, DIETER, CH
[72] PETTIGREW, ANTHONY, DE
[71] NOVALIQ GMBH, DE
[85] 2015-02-24
[86] 2013-09-12 (PCT/EP2013/068909)
[87] (WO2014/041071)
[30] EP (12183997.1) 2012-09-12
[30] EP (13169399.6) 2013-05-27

[21] **2,883,007**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 27/06 (2006.01)**
[25] EN
[54] **SI RNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR THE TREATMENT AND/OR PREVENTION OF EYE CONDITIONS**
[54] **ARNSI ET LEUR UTILISATION DANS DES METHODES ET DES COMPOSITIONS POUR LE TRAITEMENT ET/OU LA PREVENTION D'ETATS DE L'~IL**
[72] JIMENEZ ANTON, ANA ISABEL, ES
[72] GONZALEZ FAJARDO, VICTORIA, ES
[72] RUZ PALOMAR, VERONICA, ES
[71] SYLENTIS S.A.U., ES
[85] 2015-02-24
[86] 2012-09-05 (PCT/GB2012/052177)
[87] (WO2014/037686)

[21] **2,883,009**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING FILE RELATIONSHIP DATA, AND MEDIA FILE SYSTEMS THAT GENERATE FILE RELATIONSHIP DATA**
[54] **PROCEDES DE GENERATION DE DONNEES DE RELATIONS DE FICHIERS, ET SYSTEMES DE FICHIERS DE MEDIA GENERANT DES DONNEES DE RELATIONS DE FICHIERS**
[72] ROGERS, SIMON DARRYL, GB
[72] CAIN, JAMES WESTLAND, GB
[72] WEAVER, MICHAEL JAMES, GB
[71] QUANTEL LIMITED, GB
[85] 2015-02-24
[86] 2013-08-14 (PCT/GB2013/052158)
[87] (WO2014/037698)
[30] GB (1215838.2) 2012-09-05

[21] **2,883,011**
[13] A1
[51] **Int.Cl. G01V 3/16 (2006.01) B64D 3/00 (2006.01)**
[25] EN
[54] **TRANSMITTER COIL SYSTEM FOR AIRBORNE SURVEYS**
[54] **SYSTEME DE BOBINE EMETTRICE POUR LEVES AERIENS**
[72] WRIGHT, OLIVER MARTIN, ZA
[72] WRIGHT, RICHARD STEPHEN, ZA
[71] NRG EXPLORATION CC, ZA
[85] 2015-02-25
[86] 2014-03-01 (PCT/AU2014/000186)
[87] (WO2014/169317)
[30] AU (2013901299) 2013-04-15

[21] **2,883,014**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4168 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **DERIVATIVES OF 1-(SUBSTITUTED SULFONYL)-2-AMINOIMIDAZOLINE AS ANTITUMOR AND ANTIPROLIFERATIVE AGENTS**
[54] **DERIVES DE 1-(SULFONYLE SUBSTITUE)-2-AMINOIMIDAZOLINE EN TANT QU'AGENTS ANTITUMORAUX ET ANTIPROLIFERANTS**
[72] PIKUL, STANISLAW WIESLAW, PL
[72] CHOLODY, WIESLAW MAREK, US
[71] ONCOARENDI THERAPEUTICS SP. Z O.O., PL
[85] 2015-02-24
[86] 2014-03-27 (PCT/IB2014/060200)
[87] (WO2014/167446)
[30] PL (PL403491) 2013-04-10
[30] US (61/810,276) 2013-04-10

[21] **2,883,016**
[13] A1
[51] **Int.Cl. D21F 3/02 (2006.01) D21F 7/08 (2006.01) D21G 1/00 (2006.01)**
[25] EN
[54] **PRESS BELT IN A PAPER-MAKING MACHINE**
[54] **BANDE DE PRESSAGE DANS UNE MACHINE A PAPIER**
[72] DELMAS, DELPHINE, DE
[72] MATUSCHCZYK, UWE, DE
[72] REICHERT, HERMANN, DE
[71] VOITH PATENT GMBH, DE
[85] 2015-02-24
[86] 2013-08-29 (PCT/EP2013/067858)
[87] (WO2014/037268)
[30] DE (10 2012 215 612.7) 2012-09-04

[21] **2,883,020**
[13] A1
[51] **Int.Cl. F25D 15/00 (2006.01) G01V 7/16 (2006.01)**
[25] EN
[54] **REDUCING THE DRIFT RATE OF AIRBORNE GRAVITY MEASUREMENT SYSTEMS**
[54] **REDUCTION DE LA VITESSE DE DERIVE DE SYSTEMES DE MESURE DE GRAVITE DE BORD**
[72] WRIGHT, ROGER DUPLESSIS, ZA
[72] WRIGHT, RICHARD STEPHEN, ZA
[71] NRG EXPLORATION CC, ZA
[85] 2015-02-25
[86] 2014-03-01 (PCT/AU2014/000194)
[87] (WO2014/169318)
[30] AU (2013901301) 2013-04-15

[21] **2,883,024**
[13] A1
[51] **Int.Cl. E21B 47/08 (2012.01) E21B 47/085 (2012.01) E21B 43/22 (2006.01)**
[25] EN
[54] **DETERMINING SURFACE WETTING OF ROCK WITH CHANGING WELL FLUIDS**
[54] **DETERMINATION DU MOUILLAGE SUPERFICIEL DES ROCHES PAR LE CHANGEMENT DES FLUIDES DE FORAGE**
[72] PINDIPROLU, SAIRAM KS, IN
[72] GRAY, DENNIS WILLIE, US
[72] PALLA, VENKATA GOPALA RAO, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-24
[86] 2013-07-09 (PCT/US2013/049637)
[87] (WO2014/035551)
[30] US (13/596,624) 2012-08-28

[21] **2,883,030**
[13] A1
[51] **Int.Cl. C23C 22/34 (2006.01) B05D 7/14 (2006.01) C23C 22/60 (2006.01) C23C 22/66 (2006.01) C23C 22/73 (2006.01) C23C 22/77 (2006.01) C23C 22/83 (2006.01) C23C 22/86 (2006.01) C23G 1/22 (2006.01) C23G 1/36 (2006.01) G05D 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR CORROSION-PROTECTIVE SERIAL SURFACE TREATMENT OF METALLIC COMPONENTS**
[54] **PROCEDE DE TRAITEMENT DE SURFACE ANTICORROSION D'ELEMENTS METALLIQUES EN SERIE**
[72] BROUWER, JAN-WILLEM, DE
[72] PILAREK, FRANK-OLIVER, DE
[72] LILL, KIRSTEN AGNES, DE
[72] RESANO ARTALEJO, FERNANDO JOSE, DE
[72] HENZE, NATASCHA, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2015-02-25
[86] 2013-08-23 (PCT/EP2013/067542)
[87] (WO2014/037234)
[30] DE (102012215679.8) 2012-09-04

[21] **2,883,031**
[13] A1
[51] **Int.Cl. B21D 9/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR BENDING PIPES FOR PIPELINES**
[54] **DISPOSITIF ET PROCEDE DE CINTRAGE DE CONDUITES POUR PIPELINES**
[72] BAUM, OLIVER, DE
[71] ISOBEND GMBH, DE
[85] 2015-02-25
[86] 2013-06-14 (PCT/EP2013/001762)
[87] (WO2013/189582)
[30] DE (10 2012 012 139.3) 2012-06-20

[21] **2,883,034**
[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01) A61M 5/30 (2006.01)**
[25] EN
[54] **TEST DEVICE FOR DISPENSING A SUBSTANCE INTO A MEDIUM**
[54] **DISPOSITIF DE TEST PERMETTANT L'APPORT D'UNE SUBSTANCE DANS UN MILIEU**
[72] HENKE, STEFAN, DE
[72] HEUSER, KARSTEN, DE
[72] SPILGIES, HEIKO, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2015-02-25
[86] 2013-08-30 (PCT/EP2013/068040)
[87] (WO2014/033287)
[30] EP (12182358.7) 2012-08-30

[21] **2,883,037**
[13] A1
[51] **Int.Cl. B01J 13/18 (2006.01) A01N 25/28 (2006.01) A61K 9/50 (2006.01) C09B 67/00 (2006.01)**
[25] EN
[54] **FINELY DIVIDED PARTICLES OF CORE-SHELL STRUCTURE**
[54] **MICROPARTICULES A STRUCTURE C□UR/ENVELOPPE**
[72] GERLINGER, WOLFGANG, DE
[72] SACHWEH, BERND, DE
[72] WORNER, MICHAEL, DE
[72] AKGUN, ERTAN, DE
[72] SIGMUND, STEPHANIE, DE
[72] KASPER, GERHARD, DE
[71] BASF SE, DE
[71] KARLSRUHER INSTITUT FUR TECHNOLOGIE, DE
[85] 2015-02-25
[86] 2013-08-28 (PCT/EP2013/067850)
[87] (WO2014/033187)
[30] EP (12182394.2) 2012-08-30

[21] **2,883,040**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01)**
[25] EN
[54] **SIRNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR THE TREATMENT AND/OR PREVENTION OF EYE CONDITIONS**
[54] **ARNSI ET LEUR UTILISATION DANS DES METHODES ET DES COMPOSITIONS DE TRAITEMENT ET/OU DE PREVENTION D'ETATS DE L'□IL**
[72] JIMENEZ ANTON, ANA ISABEL, ES
[72] GONZALEZ FAJARDO, VICTORIA, ES
[72] RUZ PALOMAR, VERONICA, ES
[71] SYLENTIS SAU, ES
[85] 2015-02-25
[86] 2013-09-04 (PCT/EP2013/068245)
[87] (WO2014/037377)
[30] GB (1215857.2) 2012-09-05

[21] **2,883,045**
[13] A1
[51] **Int.Cl. B01J 13/02 (2006.01) B82Y 40/00 (2011.01) B01J 19/24 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CORE/SHELL NANOPARTICLES AND CORE/SHELL NANOPARTICLES**
[54] **PROCEDE DE PREPARATION DE NANOPARTICULES NOYAU/ENVELOPPE ET NANOPARTICULES NOYAU/ENVELOPPE**
[72] TRAN, VAN HUONG, DE
[72] NIEHAUS, STEFFEN JAN, DE
[72] WELLER, HORST, DE
[72] NESS, DANIEL, DE
[71] CENTRUM FUR ANGEWANDTE NANOTECHNOLOGIE (CAN) GMBH, DE
[85] 2015-02-25
[86] 2013-08-29 (PCT/EP2013/067898)
[87] (WO2014/033213)
[30] DE (10 2012 215 421.3) 2012-08-30

[21] **2,883,051**
[13] A1
[51] **Int.Cl. B29C 65/48 (2006.01) B64C 3/26 (2006.01) B29C 65/54 (2006.01) B29C 65/72 (2006.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR STIFFENERS**
[54] **APPAREIL ET PROCEDE DESTINES A DES RAIDISSEURS**
[72] LUNNEY, GAVIN, GB
[72] MCMILLAN, ALAN, GB
[71] GKN AEROSPACE SERVICES LIMITED, GB
[85] 2015-02-25
[86] 2013-08-27 (PCT/GB2013/052241)
[87] (WO2014/033440)
[30] GB (1215361.5) 2012-08-29

[21] **2,883,053**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G01F 1/00 (2006.01) G01N 27/416 (2006.01) G01N 27/417 (2006.01)**
[25] EN
[54] **RISK-MANAGED, SINGLE-USE, PRE-CALIBRATED, PRE-STERILIZED SENSORS FOR USE IN BIO-PROCESSING APPLICATIONS**
[54] **DETECTEURS A GESTION DE RISQUE, A UTILISATION UNIQUE, PRE-CALIBRES, PRE-STERILISES DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE BIOTRAITEMENT**
[72] SCHICK, KARL G., US
[72] UHEN, DAVID, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2015-02-18
[86] 2013-09-05 (PCT/US2013/058208)
[87] (WO2014/039640)
[30] US (61/697,421) 2012-09-06
[30] US (61/788,708) 2013-03-15
[30] US (13/964,833) 2013-08-12

[21] **2,883,054**
[13] A1
[51] **Int.Cl. G01P 13/02 (2006.01) G01P 21/00 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR CALCULATION AND CONSOLIDATION OF FLIGHT PARAMETERS OF AN AIRCRAFT**
[54] **PROCEDE ET SYSTEME POUR CALCUL ET CONSOLIDATION DE PARAMETRES DE VOL D'UN AERONEF**
[72] BRUTI, DANILO, IT
[71] ALENIA AERMACCHI S.P.A., IT
[85] 2015-02-24
[86] 2013-09-05 (PCT/IB2013/058320)
[87] (WO2014/037902)
[30] IT (TO2012A000770) 2012-09-05

[21] **2,883,055**
[13] A1
[51] **Int.Cl. A61M 5/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **DELIVERY DEVICES AND METHODS FOR SKIN AUGMENTATION**
[54] **DISPOSITIFS D'ADMINISTRATION ET PROCEDES D'AUGMENTATION DE LA PEAU**
[72] AVRAHAM, AMIR, IL
[71] AVRAHAM, AMIR, IL
[85] 2015-02-24
[86] 2013-06-13 (PCT/IL2013/050510)
[87] (WO2014/041531)
[30] US (61/700,371) 2012-09-13
[30] US (61/721,037) 2012-11-01
[30] US (61/725,498) 2012-11-13

[21] **2,883,056**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01) C12N 15/63 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES FOR USE IN DIAGNOSIS AND THERAPY OF CANCERS AND AUTOIMMUNE DISEASE**
[54] **ANTICORPS MONOCLONAUX POUR L'UTILISATION DANS LE DIAGNOSTIC ET LA THERAPIE DE CANCERS ET D'UNE MALADIE AUTO-IMMUNE**
[72] MOLLDREM, JEFFREY, US
[72] SERGEEVA, ANNA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-01-08
[86] 2013-07-03 (PCT/US2013/049368)
[87] (WO2014/011489)
[30] US (61/669,967) 2012-07-10
[30] US (61/702,916) 2012-09-19

[21] **2,883,058**
[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **DEVICE FOR TEMPERATURE SWING PROCESS**
[54] **DISPOSITIF POUR PROCEDE A MODULATION DE TEMPERATURE**
[72] ROESTENBERG, TIMO, NL
[72] BREM, GERRIT, NL
[71] ANTECY B.V., NL
[85] 2015-01-08
[86] 2013-07-17 (PCT/EP2013/065074)
[87] (WO2014/012966)
[30] US (61/672,333) 2012-07-17

[21] **2,883,061**
[13] A1
[51] **Int.Cl. F16J 15/06 (2006.01) F16H 61/00 (2006.01) F16J 15/08 (2006.01)**
[25] EN
[54] **FLAT GASKET**
[54] **JOINT PLAT**
[72] HOHE, KURT, DE
[72] BLERSCH, ROBERT, DE
[72] UNSELD, GUNTHER, DE
[71] REINZ-DICHTUNGS-GMBH, DE
[85] 2015-02-25
[86] 2013-09-20 (PCT/EP2013/069554)
[87] (WO2014/053335)
[30] DE (20 2012 009 539.0) 2012-10-05

[21] **2,883,063**
[13] A1
[51] **Int.Cl. E21B 34/08 (2006.01)**
[25] EN
[54] **PRESSURE TESTING VALVE AND METHOD OF USING THE SAME**
[54] **SOUPAPE DE CONTROLE DE PRESSION ET PROCEDE D'UTILISATION ASSOCIE**
[72] SMITH, DONALD, US
[72] PACEY, KENDALL L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-24
[86] 2013-08-23 (PCT/US2013/056464)
[87] (WO2014/035830)
[30] US (13/599,044) 2012-08-30

[21] **2,883,064**
[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01) C12P 7/04 (2006.01)**
[25] EN
[54] **NOVEL CAR ENZYMES AND IMPROVED PRODUCTION OF FATTY ALCOHOLS**
[54] **NOUVELLES ENZYMES CAR ET PRODUCTION AMELIOREE D'ALCOOLS GRAS**
[72] GREENFIELD, DEREK L., US
[72] CLARKE, ELIZABETH J., US
[72] GROBAN, ELI S., US
[72] ARLAGADDA, VIKRANTH, US
[72] LEE, SUNGWON, US
[72] LI, XUEZHI, US
[72] HU, ZHIHAO, US
[72] ZHU, BAOLONG, US
[71] REG LIFE SCIENCES, LLC, US
[71] ZHU, BAOLONG, US
[85] 2014-10-02
[86] 2013-04-02 (PCT/US2013/035040)
[87] (WO2013/152052)
[30] US (61/619,309) 2012-04-02

[21] **2,883,066**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTION OF CLOSTRIDIUM DIFFICILE**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DE CLOSTRIDIUM DIFFICILE**
[72] LU, SHI-DA Y., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-02-25
[86] 2013-09-20 (PCT/EP2013/069556)
[87] (WO2014/044788)
[30] US (13/624,032) 2012-09-21

[21] **2,883,067**
[13] A1
[51] **Int.Cl. A61K 8/99 (2006.01) A61K 8/64 (2006.01) A61K 8/97 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR IMPROVING SELECTIVE CATABOLYSIS IN CELLS OF KERATIN SURFACES**
[54] **METHODE ET COMPOSITIONS DESTINEES A AMELIORER LE CATABOLISME SELECTIF DANS DES CELLULES DE SURFACES KERATINIQUES**
[72] PERNODET, NADINE A., US
[72] DONG, KELLY, US
[72] PELLE, EDWARD, US
[72] YAROSH, DANIEL B., US
[71] ELC MANAGEMENT LLC, US
[85] 2015-02-24
[86] 2013-09-09 (PCT/US2013/058693)
[87] (WO2014/043009)
[30] US (61/701,130) 2012-09-14

[21] **2,883,069**
[13] A1
[51] **Int.Cl. B65B 29/02 (2006.01) B65B 43/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FEEDING EMPTY CAPSULES TO A PACKAGING MACHINE**
[54] **APPAREIL ET PROCEDE D'ACHEMINEMENT DE CAPSULES VIDES A UNE MACHINE D'EMBALLAGE**
[72] FRANCESCHI, FABIO, IT
[72] REA, DARIO, IT
[71] I.M.A. INDUSTRIA MACCHINE AUTOMATISCHE S.P.A., IT
[85] 2015-02-25
[86] 2013-10-29 (PCT/EP2013/072554)
[87] (WO2014/067918)
[30] IT (BO2012A000594) 2012-10-31

[21] **2,883,070**
[13] A1
[51] **Int.Cl. A61M 25/06 (2006.01) A61B 1/04 (2006.01) A61M 5/162 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLED DEPLOYMENT OF NEEDLE STRUCTURES IN TISSUE**
[54] **PROCEDES ET SYSTEMES POUR LE DEPLOIEMENT CONTROLE DE STRUCTURES D'AIGUILLE DANS UN TISSU**
[72] MUNROW, MICHAEL A., US
[72] UECKER, DARRIN, US
[72] PLACEK, BRIAN, US
[72] KWAN, HARRY, US
[72] TOUB, DAVID, US
[72] HINMAN, CAMERON D., US
[72] DANITZ, DAVID J., US
[71] GYNESONICS, INC., US
[85] 2015-02-23
[86] 2013-09-06 (PCT/US2013/058467)
[87] (WO2014/039795)
[30] US (61/698,196) 2012-09-07
[30] US (13/801,840) 2013-03-13
[30] US (13/801,782) 2013-03-13

[21] **2,883,072**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 1/00 (2006.01) E21B 41/00 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **METHOD FOR SURVEYING DRILL HOLES, DRILLING ARRANGEMENT, AND BOREHOLE SURVEY ASSEMBLY**
[54] **PROCEDE POUR EXAMINER DES TROUS DE FORAGE, AGENCEMENT DE FORAGE, ET ENSEMBLE D'EXAMEN DE TROUS DE FORAGE**
[72] HEINONEN, MIKKO, FI
[72] SJOHOLM, HARRI, FI
[72] RAUTIAINEN, JUSSI, FI
[72] MATTILA, MIKKO, KR
[71] ROBIT ROCKTOOLS LTD., FI
[85] 2015-02-25
[86] 2013-09-05 (PCT/FI2013/050858)
[87] (WO2014/037619)
[30] FI (20125921) 2012-09-06

[21] **2,883,073**
[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 49/10 (2006.01) G01N 21/25 (2006.01)**
[25] EN
[54] **DETERMINING SURFACE WETTING OF METAL WITH CHANGING WELL FLUIDS**
[54] **DETERMINATION DU MOUILLAGE SUPERFICIEL D'UN METAL PAR LE CHANGEMENT DES FLUIDES DE FORAGE**
[72] PINDIPROLU, SAIRAM KS, IN
[72] GRAY, DENNIS WILLIE, US
[72] PALLA, VENKATA GOPALA RAO, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-24
[86] 2013-07-09 (PCT/US2013/049648)
[87] (WO2014/035552)
[30] US (13/596,598) 2012-08-28

[21] **2,883,075**
[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/16 (2009.01) H04W 8/04 (2009.01) H04W 8/26 (2009.01) H04W 76/00 (2009.01)**
[25] EN
[54] **REDIRECTING CELLULAR TELEPHONE COMMUNICATIONS THROUGH A DATA NETWORK**
[54] **REDIRECTION DE COMMUNICATIONS TELEPHONIQUES CELLULAIRES DANS UN RESEAU DE DONNEES**
[72] BARKAN, ELAD PINHAS, IL
[71] BARKAN, ELAD PINHAS, IL
[85] 2015-02-25
[86] 2013-08-26 (PCT/IB2013/002338)
[87] (WO2014/033537)
[30] US (61/693,316) 2012-08-26
[30] US (61/727,744) 2012-11-18

[21] **2,883,076**
[13] A1
[51] **Int.Cl. G10L 15/01 (2013.01) G10L 15/18 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PREDICTING SPEECH RECOGNITION PERFORMANCE USING ACCURACY SCORES**
[54] **PROCEDE ET SYSTEME DE PREVISION DE PERFORMANCES DE RECONNAISSANCE VOCALE AU MOYEN DE NOTES DE PRECISION**
[72] GANAPATHIRAJU, ARAVIND, IN
[72] TAN, YINGYI, US
[72] WYSS, FELIX IMMANUEL, US
[72] RANDAL, SCOTT ALLEN, US
[71] INTERACTIVE INTELLIGENCE, INC., US
[85] 2015-02-25
[86] 2012-08-30 (PCT/US2012/053061)
[87] (WO2014/035394)

[21] **2,883,077**
[13] A1
[51] **Int.Cl. A61K 31/485 (2006.01) A61K 9/20 (2006.01) A61K 9/26 (2006.01) A61K 47/10 (2006.01) A61K 47/14 (2006.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **HYDROMORPHONE HYDROCHLORIDE-CONTAINING ORAL SUSTAINED-RELEASE PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE ADMINISTREE PAR VOIE ORALE CONTENANT DU CHLORHYDRATE D'HYDROMORPHONE**
[72] YADA, SHUICHI, JP
[72] YANO, HIDEKI, JP
[72] YOSHIDA, KAZUHIRO, JP
[72] FUKUI, SACHIKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2015-02-24
[86] 2013-09-02 (PCT/JP2013/073519)
[87] (WO2014/034929)
[30] JP (2012-192783) 2012-09-03

[21] **2,883,078**
[13] A1
[51] **Int.Cl. E21B 33/128 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR INCREASING SWELLING EFFICIENCY**
[54] **SYSTEME PERMETTANT D'AUGMENTER L'EFFICACITE DE GONFLEMENT**
[72] MAZYAR, OLEG A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-02-24
[86] 2013-10-04 (PCT/US2013/063501)
[87] (WO2014/055891)
[30] US (13/646,028) 2012-10-05

[21] **2,883,079**
[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **ASSOCIATING COMPUTER-EXECUTABLE OBJECTS WITH THREE-DIMENSIONAL SPACES WITHIN AN ARCHITECTURAL DESIGN ENVIRONMENT**
[54] **ASSOCIATION D'OBJETS EXECUTABLES PAR ORDINATEUR A DES ESPACES TRIDIMENSIONNELS DANS UN ENVIRONNEMENT DE CONCEPTION ARCHITECTURALE**
[72] LOBERG, BARRIE A., CA
[71] ICE EDGE BUSINESS SOLUTIONS, LTD., CA
[85] 2015-02-25
[86] 2013-05-31 (PCT/US2013/043735)
[87] (WO2014/193415)

[21] **2,883,080**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C07K 16/00 (2006.01) C12N 9/96 (2006.01)**
[25] EN
[54] **PATHOGEN AND SUBSTANCE TRAPS**
[54] **PIEGES D'AGENTS PATHOGENES ET DE SUBSTANCES**
[72] LIVNEH, EREZ AHARON, IL
[71] VECOY NANOMEDICINES LTD., IL
[85] 2015-02-25
[86] 2012-08-23 (PCT/IL2012/050326)
[87] (WO2013/030831)
[30] US (61/527,623) 2011-08-26

[21] **2,883,081**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **OBJECT DRIVEN NEWSFEED**
[54] **FIL D'ACTUALITE PILOTE PAR DES OBJETS**
[72] HAIMOVITCH, GUY, IL
[72] CHUNG, EUI, US
[72] KARMONA, MOTI, IL
[72] LERNER, MAYA, IL
[71] SEARS BRANDS, LLC, US
[85] 2014-10-31
[86] 2013-05-02 (PCT/US2013/039307)
[87] (WO2013/166313)
[30] US (61/641,329) 2012-05-02

[21] **2,883,082**
[13] A1
[51] **Int.Cl. G01S 13/90 (2006.01) H01Q 21/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR SYNTHETIC IMAGING OF AN OBJECT**
[54] **APPAREIL D'IMAGERIE DE SYNTHESE D'UN OBJET**
[72] SHEEN, DAVID M., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2015-02-25
[86] 2013-07-25 (PCT/US2013/051970)
[87] (WO2014/058512)
[30] US (13/629,849) 2012-09-28

[21] **2,883,084**
[13] A1
[51] **Int.Cl. B01J 29/80 (2006.01) C10G 11/05 (2006.01)**
[25] EN
[54] **CATALYST FOR CATALYTIC CRACKING OF HYDROCARBON OIL AND METHOD FOR CATALYTIC CRACKING OF HYDROCARBON OIL**
[54] **CATALYSEUR POUR LE CRAQUAGE CATALYTIQUE D'HUILE HYDROCARBONEE ET PROCEDE DE CRAQUAGE CATALYTIQUE D'HUILE HYDROCARBONEE**
[72] SAKA, YUJI, JP
[72] KIMURA, TETSUYA, JP
[72] CHIYODA, NORIHITO, JP
[72] NAGAI, KENJI, JP
[72] TABATA, MITSUNORI, JP
[71] COSMO OIL CO., LTD., JP
[85] 2015-02-24
[86] 2013-10-08 (PCT/JP2013/077332)
[87] (WO2014/057931)
[30] JP (2012-225009) 2012-10-10

[21] **2,883,085**
[13] A1
[51] **Int.Cl. G02B 7/02 (2006.01)**
[25] EN
[54] **COMPENSATING DRIVE NUT ASSEMBLY**
[54] **ENSEMBLE A ECROU DE COMMANDE DE COMPENSATION**
[72] CONNOLLY, JOHN MAXWELL, CA
[71] RAYTHEON COMPANY, US
[85] 2015-02-25
[86] 2013-07-26 (PCT/US2013/052221)
[87] (WO2014/099041)
[30] US (61/740,184) 2012-12-20

[21] **2,883,086**
[13] A1
[51] **Int.Cl. C07H 15/203 (2006.01) A61K 31/7034 (2006.01) A61K 35/64 (2015.01) A61P 1/04 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 43/00 (2006.01) G01N 30/88 (2006.01)**
[25] EN
[54] **NOVEL COMPOUND CONTAINED IN MANUKA HONEY AND USE OF SAME**
[54] **NOUVEAU COMPOSE CONTENU DANS LE MIEL DE MANUKA ET SON UTILISATION**
[72] KATO, YOJI, JP
[71] HEALTHCARE SYSTEMS, JP
[71] KATO, YOJI, JP
[85] 2015-02-25
[86] 2012-10-15 (PCT/JP2012/076645)
[87] (WO2013/061816)
[30] JP (2011-236137) 2011-10-27

[21] **2,883,087**
[13] A1
[51] **Int.Cl. F24F 7/06 (2006.01) F04D 25/08 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **VENTILATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AERATION**
[72] PENLESKY, ROBERT G., US
[72] KARST, DANIEL L., US
[72] ZAKULA, MIRKO, US
[72] ADRIAN, JOHN R., US
[71] BROAN-NUTONE LLC, US
[85] 2015-02-25
[86] 2013-08-12 (PCT/US2013/054531)
[87] (WO2014/035649)
[30] US (13/597,123) 2012-08-28

[21] **2,883,089**
[13] A1
[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **INTRAMEDULLARY FIXATION ASSEMBLY**
[54] **ENSEMBLE DE FIXATION INTRAMEDULLAIRE**
[72] APPENZELLER, ANDREAS, CH
[72] NAGY, LADISLAV, CH
[72] FLURI, DANIEL, CH
[72] DUTOIT, CHRISTOF, CH
[72] GALM, ANDRE, CH
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-02-25
[86] 2013-08-23 (PCT/US2013/056356)
[87] (WO2014/035811)
[30] US (61/695,254) 2012-08-30
[30] US (61/723,016) 2012-11-06
[30] US (13/793,044) 2013-03-11

[21] **2,883,090**
[13] A1
[51] **Int.Cl. G06F 11/07 (2006.01) H04L 12/26 (2006.01) H04L 29/12 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED MEMORY AND THREAD EXECUTION ANOMALY DETECTION IN A COMPUTER NETWORK**
[54] **SYSTEMES ET PROCEDES DE DETECTION AUTOMATIQUE D'ANOMALIE DE MEMOIRE ET D'EXECUTION DE FIL DANS UN RESEAU INFORMATIQUE**
[72] QUINN, MITCHELL N., US
[71] TRIUMFANT, INC., US
[85] 2015-02-25
[86] 2013-08-21 (PCT/US2013/055912)
[87] (WO2014/039257)
[30] US (13/605,445) 2012-09-06

[21] **2,883,091**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/46 (2006.01) G06T 7/00 (2006.01) G06T 9/00 (2006.01)**
[25] EN
[54] **RETINAL ENCODER FOR MACHINE VISION**
[54] **CODEUR RETINIEN POUR VISION INDUSTRIELLE**
[72] NIRENBERG, SHEILA, US
[72] BOMASH, ILLYA, US
[71] CORNELL UNIVERSITY, US
[85] 2015-02-24
[86] 2012-08-24 (PCT/US2012/052348)
[87] (WO2013/029008)
[30] US (61/527,493) 2011-08-25
[30] US (61/657,406) 2012-06-08

[21] **2,883,093**
[13] A1
[51] **Int.Cl. F04D 13/06 (2006.01) A01K 63/04 (2006.01) F04D 25/02 (2006.01) F04D 29/62 (2006.01) H02K 5/128 (2006.01) H02K 49/10 (2006.01) F04D 13/02 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC CIRCULATION PUMP**
[54] **POMPE DE CIRCULATION ELECTROMAGNETIQUE**
[72] COX, JAMES A., JR., US
[72] LAWYER, JUSTIN, US
[72] CLASEN, PATRICK, US
[72] MARKS, TIMOTHY, US
[71] ECOTECH MARINE, LLC, US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056858)
[87] (WO2014/036006)
[30] US (61/693,497) 2012-08-27

[21] **2,883,095**
[13] A1
[51] **Int.Cl. C07K 16/38 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTIBODY AND PROTEIN FORMULATIONS**
[54] **ANTICORPS ET FORMULATIONS PROTEIQUES**
[72] MA, XINGHANG, US
[72] XIANG, JUN, US
[71] BAYER HEALTHCARE LLC, US
[85] 2015-02-25
[86] 2013-08-28 (PCT/US2013/056970)
[87] (WO2014/036071)
[30] US (13/601,598) 2012-08-31
[30] US (13/843,780) 2013-03-15

[21] **2,883,097**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 5/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-PROLACTIN RECEPTOR ANTIBODY FORMULATIONS**
[54] **FORMULATIONS D'ANTICORPS ANTI-RECEPTEURS DE PROLACTINE**
[72] MA, XINGHANG, US
[72] XIANG, JUN, US
[72] NIU, JIANJIE, US
[71] BAYER HEALTHCARE LLC, US
[85] 2015-02-25
[86] 2013-08-28 (PCT/US2013/056976)
[87] (WO2014/036076)
[30] US (61/695,949) 2012-08-31
[30] US (13/842,906) 2013-03-15

[21] **2,883,099**
[13] A1
[51] **Int.Cl. B60W 10/30 (2006.01) B60W 20/00 (2006.01) F16H 57/00 (2012.01)**
[25] EN
[54] **INTEGRATED HYDRAULIC SUPPLY PUMP**
[54] **POMPE D'ALIMENTATION HYDRAULIQUE INTEGREE**
[72] SCHULTE, JURGEN, US
[72] MUGGEO, FILIPPO, US
[72] MATTHEWS, DEREK, US
[72] PANCHERI, BRENDAN, US
[71] BAE SYSTEMS CONTROLS INC., US
[85] 2015-02-25
[86] 2013-08-29 (PCT/US2013/057181)
[87] (WO2014/036202)
[30] US (13/601,947) 2012-08-31

[21] **2,883,100**
[13] A1
[51] **Int.Cl. C10G 19/02 (2006.01) B01D 11/04 (2006.01) C10G 21/08 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR EXTRACTING SULFUR COMPOUNDS IN A HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL POUR L'EXTRACTION DE COMPOSES SOUFRES D'UN COURANT D'HYDROCARBURES**
[72] TERTEL, JONATHAN ANDREW, US
[72] SATTAR, AZIZ, US
[72] BOWEN, TRAVIS C., US
[72] XOMERITAKIS, GEORGE K., US
[71] UOP LLC, US
[85] 2015-02-25
[86] 2013-08-28 (PCT/US2013/057008)
[87] (WO2014/039350)
[30] US (13/602,530) 2012-09-04

[21] **2,883,101**
[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C02F 1/04 (2006.01) C02F 1/28 (2006.01) C02F 1/32 (2006.01) C02F 1/46 (2006.01) C02F 1/72 (2006.01) C02F 5/08 (2006.01) C02F 9/02 (2006.01)**
[25] EN
[54] **HYBRID DESALINATION SYSTEM**
[54] **SYSTEME DE DESSALEMENT HYBRIDE**
[72] MARTEZ, VITA, CA
[71] TRILOGY ENVIRONMENTAL SYSTEMS INC., CA
[85] 2015-02-25
[86] 2012-09-04 (PCT/CA2012/050610)
[87] (WO2013/033841)
[30] US (61/531,400) 2011-09-06

[21] **2,883,102**
[13] A1
[51] **Int.Cl. H04N 1/12 (2006.01) G02B 26/10 (2006.01)**
[25] EN
[54] **IMAGING ASSEMBLY FOR SCANNER**
[54] **ENSEMBLE D'IMAGERIE POUR SCANNER**
[72] O'MARA, KERRY, US
[72] HELMLINGER, DAVID, US
[71] OPEX CORPORATION, US
[85] 2015-02-25
[86] 2013-08-29 (PCT/US2013/057215)
[87] (WO2014/036220)
[30] US (61/694,385) 2012-08-29
[30] US (61/794,285) 2013-03-15

[21] **2,883,103**
[13] A1
[51] **Int.Cl. F28F 9/00 (2006.01) F28D 1/04 (2006.01)**
[25] EN
[54] **AIR-COOLED HEAT EXCHANGER SYSTEM**
[54] **DISPOSITIF D'ECHANGE DE CHALEUR REFROIDI A L'AIR**
[72] UENO, MASAO, JP
[72] SAKAMOTO, YOSHIAKI, JP
[72] SAKAI, FUMIAKI, JP
[72] SUZUKI, KENSAKU, JP
[72] ISHIKAWA, ATSUMASA, JP
[71] CHIYODA CORPORATION, JP
[85] 2015-02-23
[86] 2013-08-14 (PCT/JP2013/004861)
[87] (WO2014/038142)
[30] JP (2012-195924) 2012-09-06

[21] **2,883,104**
[13] A1
[51] **Int.Cl. C10G 69/04 (2006.01) C10G 11/04 (2006.01) C10G 31/08 (2006.01) C10G 45/38 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING HYDROCARBON OIL AND APPARATUS FOR PROCESSING HYDROCARBON OIL**
[54] **PROCEDE ET APPAREIL POUR TRAITER DE L'HUILE HYDROCARBONEE**
[72] KAYUKAWA, TOMOKI, JP
[72] FUJIMOTO, TAKAYOSHI, JP
[72] NAGAMATSU, SHIGEKI, JP
[72] HIRAO, TOMOYUKI, JP
[72] YANAGAWA, SHINICHIRO, JP
[71] JGC CORPORATION, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2015-02-25
[86] 2013-09-17 (PCT/JP2013/005475)
[87] (WO2014/054234)
[30] JP (2012-221631) 2012-10-03

[21] **2,883,105**
[13] A1
[51] **Int.Cl. G06T 5/00 (2006.01)**
[25] EN
[54] **METHOD AND IMAGE PROCESSING SYSTEM FOR REMOVAL OF A VISUAL OBJECT FROM AN IMAGE**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'IMAGE POUR ELIMINER UN OBJET VISUEL D'UNE IMAGE**
[72] HERLING, JAN, DE
[72] BROLL, WOLFGANG, DE
[71] FAYTEQ AG, DE
[85] 2015-02-25
[86] 2012-09-05 (PCT/EP2012/067352)
[87] (WO2014/037039)

[21] **2,883,107**
[13] A1
[51] **Int.Cl. C08F 2/01 (2006.01) C08F 20/56 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING POLYMERS**
[54] **PROCEDE DE PRODUCTION DE POLYMERES**
[72] KEELAPANDAL RAMAMOORTHY, SHANKARA NARAYANAN, DE
[72] SOETJE, OLIVER, DE
[72] BARRATT, JOHN SCOTT, GB
[72] FONSECA ZEPEDA, GABRIELA EUGENIA, DE
[71] BASF SE, DE
[85] 2015-02-24
[86] 2013-09-23 (PCT/IB2013/058769)
[87] (WO2014/049513)
[30] US (61/705647) 2012-09-26
[30] EP (12186016.7) 2012-09-26

[21] **2,883,108**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **PERMEABILITY FLOW CELL AND HYDRAULIC CONDUCTANCE SYSTEM**
[54] **SYSTEME DE CUVE A CIRCULATION DE PERMEABILITE ET DE CONDUCTANCE HYDRAULIQUE**
[72] HEIPP, PAUL S., US
[72] SHARMA, DEEPAK, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057453)
[87] (WO2014/036366)
[30] US (13/600,478) 2012-08-31

[21] **2,883,110**
[13] A1
[51] **Int.Cl. C09J 123/12 (2006.01) C08L 23/12 (2006.01) C08L 53/02 (2006.01) C09J 153/02 (2006.01)**
[25] EN
[54] **HOT MELT ADHESIVE**
[54] **ADHESIF THERMOFUSIBLE**
[72] INOUE, KENTAROU, JP
[71] HENKEL AG & CO. KGAA, DE
[85] 2015-02-25
[86] 2013-08-26 (PCT/JP2013/073461)
[87] (WO2014/034916)
[30] JP (2012-187361) 2012-08-28

[21] **2,883,111**
[13] A1
[51] **Int.Cl. F22D 1/18 (2006.01) F22D 1/02 (2006.01)**
[25] EN
[54] **HEAT RECOVERY SYSTEM AND HEAT RECOVERY METHOD**
[54] **SYSTEME DE RECUPERATION DE CHALEUR ET PROCEDE DE RECUPERATION DE CHALEUR**
[72] HONJO, SHINTARO, US
[72] TSUJIUCHI, TATSUYA, US
[72] ITO, MOTOFUMI, US
[72] WU, TIFFANY, US
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-02-25
[86] 2013-08-23 (PCT/JP2013/072614)
[87] (WO2014/038412)
[30] US (13/605199) 2012-09-06

[21] **2,883,113**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **PERMEABILITY FLOW CELL AND HYDRAULIC CONDUCTANCE SYSTEM**
[54] **CUVE DE CIRCULATION ET SYSTEME DE CONDUCTANCE HYDRAULIQUE POUR LA MESURE DE LA PERMEABILITE**
[72] SHARMA, DEEPAK, US
[72] HEIPP, PAUL S., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057456)
[87] (WO2014/036368)
[30] US (13/600,491) 2012-08-31

[21] **2,883,115**
[13] A1
[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/12 (2006.01)**
[25] EN
[54] **FUEL CELL WITH SEPARATOR, METHOD FOR MANUFACTURING SAME, AND FUEL CELL STACK**
[54] **PILE A COMBUSTIBLE DOTEE D'UN SEPARATEUR, PROCEDE DE FABRICATION ASSOCIE, ET EMPILEMENT DE PILE A COMBUSTIBLE**
[72] KURIBAYASHI, MAKOTO, JP
[72] IKEDA, ETSUYA, JP
[72] MATSUTANI, WATARU, JP
[72] YATSUYA, YOSUKE, JP
[72] MURASE, MASAAKI, JP
[71] NGK SPARK PLUG CO., LTD., JP
[85] 2015-02-25
[86] 2013-08-26 (PCT/JP2013/072743)
[87] (WO2014/034608)
[30] JP (2012-192303) 2012-08-31
[30] JP (2012-192304) 2012-08-31
[30] JP (2012-192305) 2012-08-31
[30] JP (2012-192306) 2012-08-31
[30] JP (2012-192307) 2012-08-31

[21] **2,883,118**
[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/382 (2006.01) A61K 31/401 (2006.01) A61K 31/41 (2006.01) A61P 9/12 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **COMBINATIONS OF SGLT 2 INHIBITORS AND ANTIHYPERTENSIVE DRUGS**
[54] **ASSOCIATION D'UN INHIBITEUR DU SGLT2 ET D'UN ANTIHYPERTENSEUR**
[72] KOJIMA, NAOKI, JP
[72] ROMAN, J. RICHARD, US
[72] MIYATA, NORIYUKI, JP
[72] TAKAHASHI, TEISUKE, JP
[72] TOMOIKE, HIDEKI, JP
[72] TAKEDA, TAKUYA, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[85] 2015-02-25
[86] 2013-08-30 (PCT/JP2013/073300)
[87] (WO2014/034842)
[30] US (61/695016) 2012-08-30

[21] **2,883,119**
[13] A1
[51] **Int.Cl. G06T 7/00 (2006.01)**
[25] EN
[54] **METHOD AND IMAGE PROCESSING SYSTEM FOR DETERMINING PARAMETERS OF A CAMERA**
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT D'IMAGES POUR DETERMINER DES PARAMETRES D'UNE CAMERA**
[72] HERLING, JAN, DE
[72] BROLL, WOLFGANG, DE
[71] FAYTEQ AG, DE
[85] 2015-02-25
[86] 2012-09-28 (PCT/EP2012/069161)
[87] (WO2014/048481)

[21] **2,883,121**
[13] A1
[51] **Int.Cl. A61G 11/00 (2006.01) A61F 7/00 (2006.01) A61H 39/06 (2006.01)**
[25] EN
[54] **EVAPORATIVE THERAPEUTIC HYPOTHERMIA DEVICE**
[54] **DISPOSITIF D'HYPOTHERMIE THERAPEUTIQUE PAR EVAPORATION**
[72] ACHARYA, SOUMYADIPTA, US
[72] ALLEN, ROBERT, US
[72] AW, WINSTON J., US
[72] BESHAH, SAMRIE, US
[72] JOHNSTON, MICHAEL V., US
[72] KIM, JOHN J., US
[72] KIM, ROBERT, US
[72] LEE, RYAN WAI YAN, US
[72] MOORE, ERIKA M., US
[72] O'DONNELL, NEIL P., US
[72] YAZDI, YOUSEPH, US
[72] AMMANUEL, SIMON, US
[72] BUCHBINDER, NATHAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2014-10-08
[86] 2013-04-09 (PCT/US2013/035729)
[87] (WO2013/155044)
[30] US (61/621,697) 2012-04-09

[21] **2,883,123**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 47/02 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **SUPPORT BODY FOR TRANSDERMAL PATCH OR TRANSDERMAL PREPARATION, AND TRANSDERMAL PATCH AND TRANSDERMAL PREPARATION USING SAME**
[54] **SUPPORT POUR TIMBRE TRANSDERMIQUE COLLANT OU PRODUIT PHARMACEUTIQUE COLLANT, ET TIMBRE TRANSDERMIQUE COLLANT AINSI QUE PRODUIT PHARMACEUTIQUE COLLANT METTANT EN □UVRE CELUI-CI**
[72] URUSHIHARA, NAOKO, JP
[72] AMEYAMA, SATOSHI, JP
[71] NITTO DENKO CORPORATION, JP
[85] 2015-02-24
[86] 2013-09-20 (PCT/JP2013/075500)
[87] (WO2014/046243)
[30] JP (2012-208538) 2012-09-21

[21] **2,883,126**
[13] A1
[51] **Int.Cl. C07D 235/12 (2006.01) C07D 309/12 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SULFONYL AMIDINE COMPOUND**
[54] **PROCEDE DE FABRICATION DE COMPOSE SUFONYLAMIDINE**
[72] KIKUCHI, TAKASHI, JP
[72] YOSHIDA, SHINYA, JP
[72] NAKAMURA, ATSUSHI, JP
[72] AKIBA, TAKAHIRO, JP
[72] YOSHINO, TOSHITAKA, JP
[72] NAKAGAWA, SHUICHI, JP
[72] SATO, KIICHI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2015-02-25
[86] 2013-09-06 (PCT/JP2013/074076)
[87] (WO2014/038663)
[30] JP (2012-197914) 2012-09-07

[21] **2,883,127**
[13] A1
[51] **Int.Cl. C25B 3/04 (2006.01)**
[25] EN
[54] **PROCESS AND HIGH SURFACE AREA ELECTRODES FOR THE ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE**
[54] **PROCESSUS ET ELECTRODES A SURFACE ELEVEE POUR REDUCTION ELECTROCHIMIQUE DE DIOXYDE DE CARBONE**
[72] KACZUR, JERRY J., US
[72] KRAMER, THEODORE J., US
[72] KEYSHAR, KUNTTAL, US
[72] MAJSZTRIK, PAUL, US
[72] TWARDOWSKI, ZBIGNIEW, CA
[71] LIQUID LIGHT, INC., US
[85] 2015-02-25
[86] 2013-08-05 (PCT/US2013/053554)
[87] (WO2014/042781)
[30] US (61/701,237) 2012-09-14
[30] US (61/703,232) 2012-09-19
[30] US (61/703,234) 2012-09-19
[30] US (61/703,231) 2012-09-19
[30] US (61/703,229) 2012-09-19
[30] US (61/703,238) 2012-09-19
[30] US (61/703,175) 2012-09-19
[30] US (61/703,158) 2012-09-19
[30] US (61/703,187) 2012-09-19
[30] US (61/720,670) 2012-10-31
[30] US (13/724,885) 2012-12-21

[21] **2,883,128**
[13] A1
[51] **Int.Cl. B32B 27/36 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **PACKAGING MATERIAL AND PACKAGING STRUCTURE MADE BY USING SAME**
[54] **MATERIAU DE CONDITIONNEMENT ET STRUCTURE DE CONDITIONNEMENT REALISEE A L'AIDE DE CELUI-CI**
[72] ISHIZAKI, YOICHI, JP
[72] OHTA, YOSHIHIRO, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2015-02-25
[86] 2013-09-24 (PCT/JP2013/075655)
[87] (WO2014/046277)
[30] JP (2012-208812) 2012-09-21

[21] **2,883,129**
[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01) H04M 1/64 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LEARNING CALL ANALYSIS**
[54] **PROCEDE ET SYSTEME POUR L'APPRENTISSAGE DE L'ANALYSE DES APPELS**
[72] WYSS, FELIX IMMANUEL, US
[72] TAYLOR, MATTHEW ALAN, US
[72] VLACK, KEVIN CHARLES, US
[71] INTERACTIVE INTELLIGENCE, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057446)
[87] (WO2014/036359)
[30] US (61/695,039) 2012-08-30

[21] **2,883,131**
[13] A1
[51] **Int.Cl. C10G 45/02 (2006.01) C10G 45/44 (2006.01)**
[25] EN
[54] **SELECTIVE HYDRODESULFURIZATION OF FCC GASOLINE TO BELOW 10 PPM SULFUR**
[54] **HYDRODESULFURATION SELECTIVE D'ESSENCE DE CRAQUAGE CATALYTIQUE EN LIT FLUIDISE (FCC) AU-DESSOUS DE 10 PPM DE SOUFRE**
[72] PODREBARAC, GARY G., US
[71] CATALYTIC DISTILLATION TECHNOLOGIES, US
[85] 2015-02-20
[86] 2013-07-23 (PCT/US2013/051679)
[87] (WO2014/031274)
[30] US (61/691,452) 2012-08-21

[21] **2,883,132**
[13] A1
[51] **Int.Cl. B61L 3/12 (2006.01) B61L 25/02 (2006.01) B61L 3/00 (2006.01) B61L 15/00 (2006.01)**
[25] EN
[54] **DEVICE FOR RECEIVING, PROCESSING AND GENERATING SIGNALS FOR AUTOMATICALLY CONTROLLING RAIL VEHICLE**
[54] **DISPOSITIF PERMETTANT DE RECEVOIR, DE TRAITER ET DE PRODUIRE DES SIGNAUX POUR COMMANDER AUTOMATIQUEMENT UN VEHICULE FERROVIAIRE**
[72] SZPRYNGER, WOJCIECH, PL
[71] SZPRYNGER, WOJCIECH, PL
[85] 2015-02-25
[86] 2013-08-28 (PCT/PL2013/000110)
[87] (WO2014/035268)
[30] PL (P.400632) 2012-09-03

[21] **2,883,133**
[13] A1
[51] **Int.Cl. H04N 7/12 (2006.01)**
[25] EN
[54] **A VIDEO ENCODING METHOD AND A VIDEO ENCODING APPARATUS USING THE SAME**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO UTILISANT CELUI-CI**
[72] YU, CHENCHEN, CN
[72] LV, JING, CN
[72] CHEN, JINGCHANG, CN
[72] ZHENG, QUANZHAN, CN
[72] WANG, RONGGANG, CN
[72] WAN, JIE, CN
[72] GAO, WEN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-02-20
[86] 2013-05-27 (PCT/CN2013/076256)
[87] (WO2014/029222)
[30] CN (201210298932.X) 2012-08-21

[21] **2,883,134**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **CAPSULE ASSEMBLIES WITH DATA STORAGE AND COMMUNICATION MEANS**
[54] **ENSEMBLES CAPSULE A STOCKAGE DE DONNEES ET MOYENS DE COMMUNICATION**
[72] JARISCH, CHRISTIAN, CH
[71] NESTEC S.A., CH
[85] 2015-02-20
[86] 2013-08-08 (PCT/EP2013/066609)
[87] (WO2014/029628)
[30] EP (12181292.9) 2012-08-22
[30] EP (12181428.9) 2012-08-22

[21] **2,883,135**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/00 (2006.01) A61M 15/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **AN INHALER**
[54] **INHALATEUR**
[72] HEARN, ALEX, GB
[72] MCDERMENT, IAIN, GB
[71] KIND CONSUMER LIMITED, GB
[85] 2015-02-24
[86] 2013-08-27 (PCT/GB2013/052239)
[87] (WO2014/033438)
[30] GB (1215278.1) 2012-08-28
[30] GB (1215282.3) 2012-08-28

[21] **2,883,136**
[13] A1
[51] **Int.Cl. B61D 15/00 (2006.01) B60F 1/04 (2006.01) B61J 3/12 (2006.01)**
[25] EN
[54] **RAILWAY TRACTION VEHICLE**
[54] **VEHICULE TRACTEUR FERROVIAIRE**
[72] KROLS, DIRK, BE
[72] RAYMAEKERS, BART, BE
[71] RENTALOC, BESLOTEN VENNOOTSCHAP MET BEPERKTE AANSPRAKELIJKHEID, BE
[85] 2015-02-25
[86] 2013-08-28 (PCT/BE2013/000044)
[87] (WO2014/032126)
[30] BE (2012/0572) 2012-09-03

[21] **2,883,137**
[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) A01K 1/015 (2006.01) C09B 57/00 (2006.01)**
[25] EN
[54] **CHROMOGENIC ABSORBENT MATERIAL FOR ANIMAL LITTER AND RELATED CHROMOGENIC SOLUTION**
[54] **MATERIAU ABSORBANT CHROMOGENE POUR LITIERE POUR ANIMAUX ET SOLUTION CHROMOGENE ASSOCIEE**
[72] GRAVEL-LACROIX, MARIE-CLEO, CA
[72] JOLLEZ, PAUL, CA
[72] BOLDUC, ISABELLE, CA
[71] 7905122 CANADA INC., CA
[85] 2015-02-25
[86] 2013-03-14 (PCT/CA2013/050195)
[87] (WO2014/032175)
[30] US (61/694,508) 2012-08-29

[21] **2,883,138**
[13] A1
[51] **Int.Cl. E04F 13/14 (2006.01)**
[25] EN
[54] **PANEL WITH COMPRESSIBLE PROJECTIONS AND MASONRY WALL SYSTEM INCLUDING THE PANEL**
[54] **PANNEAU A SAILLIES COMPRIMABLES ET SYSTEME DE MUR EN MACONNERIE COMPRENANT LEDIT PANNEAU**
[72] STREICHER, MIKE, CA
[72] MORAND, MARTINE, CA
[72] DUGAS, LUC, CA
[72] BOUCHARD, MICHEL, CA
[72] BORJA, RICARDO, CA
[71] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA
[85] 2015-02-25
[86] 2013-09-18 (PCT/CA2013/050711)
[87] (WO2014/043805)
[30] US (61/703,389) 2012-09-20

[21] **2,883,139**
[13] A1
[51] **Int.Cl. A23K 1/00 (2006.01) A23K 1/16 (2006.01) A23K 1/17 (2006.01) A23K 1/18 (2006.01) A61K 9/00 (2006.01) A61K 31/7048 (2006.01)**
[25] FR
[54] **COMPOSITIONS FOR ORAL ADMINISTRATION TO ANIMALS, PRODUCTION METHODS THEREOF AND USES OF SAME**
[54] **COMPOSITIONS POUR ADMINISTRATION ORALE AUX ANIMAUX, LEURS PROCEDES D'OBTENTION ET LEURS UTILISATIONS**
[72] DERRIEU, GUY, FR
[72] MAZZOLA, GIANCARLO, CH
[71] FRIULCHEM SPA, IT
[85] 2015-02-25
[86] 2013-08-29 (PCT/EP2013/067934)
[87] (WO2014/033230)
[30] EP (PCT/EP2012/067005) 2012-08-31

[21] **2,883,140**
[13] A1
[51] **Int.Cl. A23C 9/133 (2006.01) A23C 9/137 (2006.01)**
[25] EN
[54] **THICKENED DAIRY OR DAIRY-LIKE PRODUCTS AND METHODS FOR PRODUCING SAME**
[54] **PRODUITS LAITIERS EPAISSIS OU PRODUITS DE TYPE PRODUITS LAITIERS ET PROCEDES DE PRODUCTION ASSOCIES**
[72] LINSENMEIER, ANDREAS MANFRED, DE
[72] STORR, FRANK ANDRE, DE
[72] HALLE, MATHILDE, DE
[71] NESTEC S.A., CH
[85] 2015-02-20
[86] 2013-09-12 (PCT/IB2013/058509)
[87] (WO2014/041510)
[30] US (61/699,929) 2012-09-12

[21] **2,883,141**
[13] A1
[51] **Int.Cl. C12P 7/64 (2006.01) C07C 55/20 (2006.01) C07C 59/147 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING SEBACIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE SEBACIQUE**
[72] PIATESI, ANDREA, DE
[72] BALDENIUS, KAI-UWE, DE
[72] DITRICH, KLAUS, DE
[72] KINDLER, ALOIS, DE
[72] ZAJACZKOWSKI-FISCHER, MARTA, DE
[72] BOHLING, RALF, DE
[72] REHFINGER, ALWIN, DE
[71] BASF SE, DE
[85] 2015-02-25
[86] 2013-09-03 (PCT/EP2013/068144)
[87] (WO2014/037328)
[30] EP (12183534.2) 2012-09-07

[21] **2,883,142**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) G06F 3/14 (2006.01) H04W 84/12 (2009.01) H04L 29/02 (2006.01)**
[25] EN
[54] **CONTROLLING DISPLAY OF IMAGES RECEIVED FROM SECONDARY DISPLAY DEVICES**
[54] **COMMANDE D'AFFICHAGE D'IMAGES RECUES A PARTIR DE DISPOSITIFS D'AFFICHAGE SECONDAIRES**
[72] SMITH, JEFFREY J., US
[71] TOSHIBA GLOBAL COMMERCE SOLUTIONS HOLDINGS CORPORATION, JP
[85] 2014-11-21
[86] 2013-06-18 (PCT/US2013/046212)
[87] (WO2013/192120)
[30] US (13/527,554) 2012-06-19

[21] **2,883,143**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/00 (2006.01) A61M 15/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **A BREATH OPERATED INHALER WITH PLUME IMPIGING AIR JETS**
[54] **INHALATEUR ACTIVE PAR RESPIRATION AYANT DES JETS D'AIR AFFECTANT UN PANACHE**
[72] HEARN, ALEX, GB
[71] KIND CONSUMER LIMITED, GB
[85] 2015-02-24
[86] 2013-08-27 (PCT/GB2013/052240)
[87] (WO2014/033439)
[30] GB (1215282.3) 2012-08-28

[21] **2,883,144**
[13] A1
[51] **Int.Cl. C07D 213/56 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **N-(3-FLUOROBENZYL)-2-(5-(4-MORPHOLINOPHENYL)PYRIDIN-2-YL) ACETAMIDE AS PROTEIN|TYROSINE KINASE MODULATORS**
[54] **N-(3-FLUOROBENZYL)-2-(5-(4-MORPHOLINOPHENYL)PYRIDIN-2-YL) ACETAMIDE UTILISE EN TANT QUE MODULATEURS DE LA PROTEINE TYROSINE KINASE**
[72] HANGAUER, DAVID G., US
[71] KINEX PHARMACEUTICALS, LLC, US
[85] 2015-02-18
[86] 2013-08-30 (PCT/US2013/057565)
[87] (WO2014/036426)
[30] US (61/695,100) 2012-08-30
[30] US (61/779,868) 2013-03-13

[21] **2,883,145**
[13] A1
[51] **Int.Cl. A23C 9/154 (2006.01)**
[25] EN
[54] **THICK TEXTURED ACIDIFIED DAIRY OR DAIRY-LIKE PRODUCTS AND METHODS FOR PRODUCING SAME**
[54] **PRODUITS LAITIERS OU PRODUITS DE TYPE PRODUITS LAITIERS ACIDIFIES A TEXTURE EPAISSE ET PROCEDES DE PRODUCTION DE CEUX-CI**
[72] LINSENMEIER, ANDREAS MANFRED, DE
[72] STORR, FRANK ANDRE, DE
[72] HALLE, MATHILDE, DE
[71] NESTEC S.A., CH
[85] 2015-02-20
[86] 2013-09-12 (PCT/IB2013/058511)
[87] (WO2014/041511)
[30] US (61/699,931) 2012-09-12

[21] **2,883,146**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12Q 1/02 (2006.01) C12Q 1/70 (2006.01) G01N 33/15 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING CELLS HAVING A PHENOTYPE OF A PRIMARY HUMAN HEPATOCYTES AND COMPOSITIONS**
[54] **PROCEDE DE PRODUCTION DE CELLULES AYANT UN PHENOTYPE D'HEPATOCYTES HUMAINS PRIMAIRES ET COMPOSITIONS**
[72] TYRRELL, LORNE D., CA
[72] STEENBERGEN, HENDRIKJE GEESJE, CA
[72] JOYCE, MICHAEL A., CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2015-02-25
[86] 2013-08-30 (PCT/IB2013/002501)
[87] (WO2014/033546)
[30] US (61/696,059) 2012-08-31
[30] US (61/761,588) 2013-02-06

[21] **2,883,147**
[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **METHOD FOR THE BIOLOGICAL REMOVAL OF SULFATE AND METALS**
[54] **PROCEDE POUR L'EXTRACTION BIOLOGIQUE DU SULFATE ET DES METAUX**
[72] COTORAS TADIC, DAVOR, CL
[72] HURTADO CARRASCO, CRISTIAN ALEJANDRO, CL
[72] VIEDMA ELICER, PABLA ELICER, CL
[71] UNIVERSIDAD DE CHILE, CL
[85] 2015-02-19
[86] 2013-10-04 (PCT/CL2013/000071)
[87] (WO2014/067024)
[30] CL (3057-2012) 2012-10-31

[21] **2,883,148**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **ORDER DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LIVRAISON D'UNE COMMANDE**
[72] DEGUIRE, ANNIE, CA
[72] DEPAULT, MICHAEL, CA
[72] RIEL-DALPE, MATHIEU, CA
[72] ROLPH, RANDALL, CA
[72] BOISVERT, RAYMOND, CA
[71] 8242186 CANADA INC., CA
[85] 2015-02-24
[86] 2013-03-19 (PCT/IB2013/052185)
[87] (WO2014/033559)
[30] GB (1215193.2) 2012-08-25
[30] US (61/757,152) 2013-01-27

[21] **2,883,150**
[13] A1
[51] **Int.Cl. B60H 3/06 (2006.01) B01D 46/10 (2006.01) B01D 46/46 (2006.01) F25D 17/06 (2006.01)**
[25] EN
[54] **AIR CONTAMINANT FILTRATION SYSTEM FOR A CABIN**
[54] **SYSTEME DE FILTRATION DES POLLUANTS ATMOSPHERIQUES POUR UNE CABINE**
[72] KNOWLES, GREG BRIAN, AU
[71] KNOWLES, GREG BRIAN, AU
[85] 2015-02-18
[86] 2012-08-09 (PCT/AU2012/000939)
[87] (WO2013/023240)
[30] AU (2011903277) 2011-08-18

[21] **2,883,151**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **STRESS INDUCIBLE DERIVATIVE PROMOTER**
[54] **PROMOTEUR DERIVE INDUCTIBLE PAR LE STRESS**
[72] ARENDZE-BAILEY, BRONWYN LYNN, ZA
[72] THOMSON, JENNIFER ANN, ZA
[72] IYER, KERSHINI, ZA
[72] RAFUDEEN, MOHAMED SUHAIL, ZA
[72] IYER, REVEL, ZA
[72] ELLICK, TAMARYN LOREAN, ZA
[71] UNIVERSITY OF CAPE TOWN, ZA
[85] 2015-02-25
[86] 2013-09-09 (PCT/IB2013/058399)
[87] (WO2014/037919)
[30] ZA (2012/06750) 2012-09-10

[21] **2,883,155**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4709 (2006.01)**
[25] EN
[54] **AMINO-QUINOLINES AS KINASE INHIBITORS**
[54] **AMINO-QUINOLEINES SERVANT D'INHIBITEURS DE KINASE**
[72] CASILLAS, LINDA N., US
[72] DEMARTINO, MICHAEL P., US
[72] HAILE, PAMELA A., US
[72] MEHLMANN, JOHN F., US
[72] RAMANJULU, JOSHI M., US
[72] SINGHAUS, ROBERT JR., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2015-02-24
[86] 2013-09-13 (PCT/US2013/059600)
[87] (WO2014/043437)
[30] US (61/700,536) 2012-09-13
[30] US (61/767,378) 2013-02-21

[21] **2,883,158**
[13] A1
[51] **Int.Cl. H01M 4/136 (2010.01) B05D 5/12 (2006.01) B32B 9/00 (2006.01)**
[25] EN
[54] **BATTERIES HAVING NANOSTRUCTURED COMPOSITE CATHODE**
[54] **BATTERIES MUNIES D'UNE CATHODE COMPOSITE NANOSTRUCTUREE**
[72] LASHMORE, DAVID S., US
[72] SCHAUER, MARK, US
[71] NANOCOMP TECHNOLOGIES, INC., US
[85] 2015-02-20
[86] 2013-08-15 (PCT/US2013/055154)
[87] (WO2014/031440)
[30] US (61/692,572) 2012-08-23
[30] US (13/795,515) 2013-03-12

[21] **2,883,159**
[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE DATA STREAMING**
[54] **TRANSMISSION EN CONTINU DE DONNEES A HAUTE PERFORMANCE**
[72] WERR, EMILE, US
[71] NYSE GROUP, INC., US
[85] 2015-02-24
[86] 2013-09-18 (PCT/US2013/060409)
[87] (WO2014/047182)
[30] US (61/704,302) 2012-09-21
[30] US (61/778,872) 2013-03-13
[30] US (61/832,075) 2013-06-06

[21] **2,883,161**
[13] A1
[51] **Int.Cl. D21C 9/00 (2006.01) D21B 1/04 (2006.01) D21D 1/06 (2006.01) D21D 1/26 (2006.01) D21H 11/08 (2006.01) D21H 11/10 (2006.01) D21H 11/16 (2006.01) D21H 15/02 (2006.01)**
[25] EN
[54] **SURFACE ENHANCED PULP FIBERS, METHODS OF MAKING SURFACE ENHANCED PULP FIBERS, PRODUCTS INCORPORATING SURFACE ENHANCED PULP FIBERS, AND METHODS OF MAKING PRODUCTS INCORPORATING SURFACE ENHANCED PULP FIBERS**
[54] **FIBRES DE PATE A PAPIER SURFACE AGGRANDIE, PROCEDES DE FABRICATION DESDITES FIBRES, PRODUITS LES COMPRENANT ET PROCEDES DE FABRICATION DE PRODUITS LES COMPRENANT**
[72] PANDE, HARSHAD, CA
[72] MARCOCCIA, BRUNO, US
[71] DOMTAR CORPORATION, CA
[85] 2015-02-20
[86] 2013-08-21 (PCT/US2013/055971)
[87] (WO2014/031737)
[30] US (61/692,880) 2012-08-24
[30] US (13/836,760) 2013-03-15

[21] **2,883,164**
[13] A1
[51] **Int.Cl. F25D 31/00 (2006.01) F25D 3/08 (2006.01)**
[25] EN
[54] **CONTAINER CHILLING APPARATUS**
[54] **APPAREIL DE REFROIDISSEMENT DE RECIPIENT**
[72] PETERS, CURT JEROME, US
[71] CP CONCEPTS, LLC, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056486)
[87] (WO2014/032015)
[30] US (61/742,991) 2012-08-24
[30] US (61/849,415) 2013-01-28
[30] US (61/824,879) 2013-05-17

[21] **2,883,166**
[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING ISLANDING OF ELECTRICAL MACHINES AND PROTECTING SAME**
[54] **SYSTEME ET PROCEDE DE DETECTION D'ILOTAGE DE MACHINES ELECTRIQUES ET DE PROTECTION DE CELLES-CI**
[72] ZHU, HUIBIN, US
[72] RITTER, ALLEN MICHAEL, US
[72] LARSEN, EINAR VAUGHN, US
[72] KLODOWSKI, ANTHONY MICHAEL, US
[72] BARKER, SIDNEY ALLEN, US
[72] WU, XUEQIN, CN
[72] CHANG, SHOUZHONG, CN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-02-19
[86] 2012-08-30 (PCT/CN2012/080763)
[87] (WO2014/032249)

[21] **2,883,168**
[13] A1
[51] **Int.Cl. C07D 311/06 (2006.01) A61K 31/37 (2006.01) A61P 29/00 (2006.01) C07D 491/04 (2006.01) C07D 493/04 (2006.01)**
[25] EN
[54] **BENZOCYCLOOCTYNE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES BENZOCYCLO-OCTYNE ET LEURS UTILISATIONS**
[72] WONG, CHI-HUEY, US
[72] FANG, JIM-MIN, TW
[72] SHIE, JIUN-JIE, TW
[71] ACADEMIA SINICA, TW
[71] WONG, CHI-HUEY, US
[71] FANG, JIM-MIN, TW
[71] SHIE, JIUN-JIE, TW
[85] 2015-02-20
[86] 2013-08-21 (PCT/US2013/056018)
[87] (WO2014/031762)
[30] US (61/691,262) 2012-08-21

[21] **2,883,169**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) E21B 49/00 (2006.01) G01V 1/30 (2006.01) G06F 17/11 (2006.01) G06F 19/00 (2011.01) E21B 43/00 (2006.01)**
[25] EN
[54] **FAULT REMOVAL IN GEOLOGICAL MODELS**
[54] **SUPPRESSION DES FAILLES DANS DES MODELES GEOLOGIQUES**
[72] GHAYOUR, KAVEH, US
[72] BI, LINFENG, US
[72] WU, XIAOHUI, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056437)
[87] (WO2014/051903)
[30] US (61/707,686) 2012-09-28

[21] **2,883,170**
[13] A1
[51] **Int.Cl. H04L 12/893 (2013.01) H04L 12/911 (2013.01) G06F 15/173 (2006.01)**
[25] EN
[54] **HIGH AVAILABILITY FOR CLOUD-BASED SERVICES**
[54] **DISPONIBILITE ELEVEE POUR SERVICES BASES SUR LE CLOUD**
[72] CHONG, JOHN, US
[72] SOLOVEY, DMITRIY ALEXANDROVICH, US
[72] VENDROW, VLAD, US
[71] RINGCENTRAL, INC., US
[85] 2015-02-23
[86] 2013-09-12 (PCT/US2013/059492)
[87] (WO2014/052027)
[30] US (13/629,469) 2012-09-27

[21] **2,883,172**
[13] A1
[51] **Int.Cl. A61K 31/4355 (2006.01) A61K 31/437 (2006.01) A61K 31/4402 (2006.01) A61K 31/4409 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 1/16 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07D 213/81 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **DDR2 INHIBITORS FOR THE TREATMENT OF OSTEOARTHRITIS**
[54] **INHIBITEURS DE DDR2 POUR LE TRAITEMENT DE L'ARTHROSE**
[72] WUCHERER-PLIETKER, MARGARITA, DE
[72] WERKMANN, DANIELA, DE
[72] GIGOUT, ANNE, DE
[72] KUHN, DANIEL, DE
[72] SAWATZKY, EDGAR, DE
[71] MERCK PATENT GMBH, DE
[85] 2015-02-26
[86] 2013-07-29 (PCT/EP2013/002236)
[87] (WO2014/032755)
[30] EP (12006134.6) 2012-08-29

[21] **2,883,173**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **BANDWIDTH MANAGEMENT IN AN ADVANCED METERING INFRASTRUCTURE**
[54] **GESTION DE BANDE PASSANTE DANS UNE INFRASTRUCTURE DE MESURE EVOLUEE**
[72] MANI, MEHDI, US
[72] POPA, DANIEL, US
[72] VAN WYK, HARTMAN, US
[71] ITRON, INC., US
[85] 2015-02-25
[86] 2012-10-09 (PCT/US2012/059385)
[87] (WO2014/035444)
[30] EP (12181869.4) 2012-08-27

[21] **2,883,174**
[13] A1
[51] **Int.Cl. A61B 5/22 (2006.01) A63B 21/002 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR KNEE FLEXOR ASSESSMENT**
[54] **APPAREIL ET METHODE D'EVALUATION DE FLECHISSEUR DE GENOU**
[72] SHIELD, ANTHONY JAMES, AU
[72] OPAR, DAVID ANDREW, AU
[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU
[85] 2015-02-25
[86] 2012-09-03 (PCT/AU2012/001041)
[87] (WO2014/032072)

[21] **2,883,176**
[13] A1
[51] **Int.Cl. A61K 36/8905 (2006.01) A61K 31/343 (2006.01) A61P 3/04 (2006.01) C07D 307/80 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING SCIRPUSIN A AND SCIRPUSIN B AND ANTI-OBESITY POTENTIAL THEREOF**
[54] **COMPOSITION COMPRENANT DE LA SCIRPUSINE A ET DE LA SCIRPUSINE B ET SON POTENTIEL ANTI-OBESITE**
[72] MAJEED, MUHAMMED, US
[72] KALYANAM, NAGABHUSHANAM, US
[72] KALMAN, DOUGLAS, US
[72] BHAT, BEENA, IN
[72] VAIDYANATHAN, PRITI, IN
[72] BANI, SARANG, IN
[72] PANDEY, ANJALI, IN
[71] MAJEED, MUHAMMED, US
[85] 2015-02-25
[86] 2013-07-17 (PCT/US2013/050940)
[87] (WO2014/015067)
[30] US (61/672,849) 2012-07-18

[21] **2,883,179**
[13] A1
[51] **Int.Cl. B64C 13/50 (2006.01) F16H 48/10 (2012.01)**
[25] EN
[54] **CONTROL SURFACE ACTUATION ASSEMBLY**
[54] **ENSEMBLE D'ACTIONNEMENT DE SURFACE DE COMMANDE**
[72] DAVIES, JONATHAN, GB
[71] MOOG WOLVERHAMPTON LIMITED, GB
[85] 2015-02-19
[86] 2013-08-12 (PCT/GB2013/052144)
[87] (WO2014/029972)
[30] GB (1214952.2) 2012-08-22

[21] **2,883,180**
[13] A1
[51] **Int.Cl. C23C 22/44 (2006.01) C23C 22/83 (2006.01) C25D 13/02 (2006.01) C25D 13/20 (2006.01)**
[25] EN
[54] **ZIRCONIUM PRETREATMENT COMPOSITIONS CONTAINING MOLYBDENUM, ASSOCIATED METHODS FOR TREATING METAL SUBSTRATES, AND RELATED COATED METAL SUBSTRATES**
[54] **COMPOSITIONS DE PRETRAITEMENT DU ZIRCONIUM QUI CONTIENNENT DU MOLYBDENE, PROCEDES ASSOCIES PERMETTANT DE TRAITER DES SUBSTRATS METALLIQUES ET SUBSTRATS METALLIQUES RECOUVERTS ASSOCIES**
[72] SUDOUR, MICHEL, FR
[72] WOZNIAK, ALINE, FR
[72] MAINTIER, PHILIPPE, FR
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-02-25
[86] 2013-08-16 (PCT/US2013/055354)
[87] (WO2014/035691)
[30] FR (1258080) 2012-08-29

[21] **2,883,183**
[13] A1
[51] **Int.Cl. A41C 1/08 (2006.01) A61F 5/37 (2006.01)**
[25] EN
[54] **PELVIC-ABDOMINAL SUPPORT GARMENT**
[54] **VETEMENT DE SOUTIEN PELVIEN-ABDOMINAL**
[72] BIGELOW, JILL K., US
[71] BIGELOW, JILL K., US
[85] 2015-02-25
[86] 2013-08-09 (PCT/US2013/054392)
[87] (WO2014/051863)
[30] US (61/683,517) 2012-08-15

[21] **2,883,184**
[13] A1
[51] **Int.Cl. A61C 1/08 (2006.01) A61F 5/56 (2006.01) A63B 71/08 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **A DIGITAL SPLINT**
[54] **ATTELLE REALISEE SELON UN PROCEDE NUMERIQUE**
[72] WOUTERS, VEERLE, BE
[72] MOLLEMANS, WOUTER, BE
[72] SCHUTYSER, FILIP, BE
[72] KUNZ, PASCAL, CH
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2015-02-26
[86] 2013-08-26 (PCT/EP2013/002557)
[87] (WO2014/040697)
[30] GB (GB1216214.5) 2012-09-12

[21] **2,883,185**
[13] A1
[51] **Int.Cl. F15B 13/042 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTUATOR SYSTEM**
[54] **SYSTEME D'ACTIONNEUR HYDRAULIQUE**
[72] AMUNDSON, KURT, US
[72] ANGOLD, RUSS, US
[72] SCHEINMAN, DAVID, US
[72] SWIFT, TIM, US
[72] NORBOE, DANIEL P., US
[72] MOORE, ROBERT, US
[72] BEARD, JONATHAN, US
[72] EDELBERG, KYLE, US
[71] EKSO BIONICS, INC., US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056832)
[87] (WO2014/035984)
[30] US (61/693,463) 2012-08-27

[21] **2,883,186**
[13] A1
[51] **Int.Cl. C23C 22/34 (2006.01) C23C 22/44 (2006.01) C23C 22/83 (2006.01) C25D 13/20 (2006.01)**
[25] EN
[54] **ZIRCONIUM PRETREATMENT COMPOSITIONS CONTAINING LITHIUM, ASSOCIATED METHODS FOR TREATING METAL SUBSTRATES, AND RELATED COATED METAL SUBSTRATES**
[54] **COMPOSITIONS DE PRETRAITEMENT DU ZIRCONIUM QUI CONTIENNENT DU LITHIUM, PROCEDES ASSOCIES PERMETTANT DE TRAITER DES SUBSTRATS METALLIQUES ET SUBSTRATS METALLIQUES RECOUVERTS ASSOCIES**
[72] SUDOUR, MICHEL, FR
[72] WOZNIAK, ALINE, FR
[72] MAINTIER, PHILIPPE, FR
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-02-25
[86] 2013-08-16 (PCT/US2013/055350)
[87] (WO2014/035690)
[30] FR (1258079) 2012-08-29

[21] **2,883,189**
[13] A1
[51] **Int.Cl. H02M 7/04 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRIC VEHICLE SUPPLY EQUIPMENT**
[54] **EQUIPEMENT D'ALIMENTATION PORTATIF DE VEHICULE ELECTRIQUE**
[72] STEINBUCHEL, HERMAN JOSEPH IV, US
[72] FLACK, ALBERT JOSEPH, US
[72] ZANTESON, RICHARD ELLIOTT, US
[71] AEROVIRONMENT, INC., US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056871)
[87] (WO2014/036013)
[30] US (61/693,733) 2012-08-27

[21] **2,883,190**
[13] A1
[51] **Int.Cl. C10B 49/14 (2006.01) C10B 53/07 (2006.01) C10G 1/10 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR WHOLE TYRES AND PLASTIC COMPOSITES PYROLYSIS TO FUEL CONVERSION AND COMPOUND RECOVERY**
[54] **PROCEDE ET SYSTEME DE PYROLYSE DE PNEUS ENTIERS ET COMPOSITES EN PLASTIQUE POUR ALIMENTER LA CONVERSION ET LA RECUPERATION DE COMPOSES**
[72] RIEDEWALD, FRANK, IE
[71] RIEDEWALD, FRANK, IE
[85] 2015-02-26
[86] 2013-07-12 (PCT/EP2013/064866)
[87] (WO2014/032843)
[30] IE (2012/0379) 2012-08-30

[21] **2,883,191**
[13] A1
[51] **Int.Cl. A61K 31/70 (2006.01) A23K 1/00 (2006.01) A61K 47/42 (2006.01)**
[25] EN
[54] **MANAGING WEIGHT LOSS AND BODY MASS**
[54] **GESTION DE PERTE DE POIDS ET DE MASSE CORPORELLE**
[72] PAN, YUANLONG, US
[71] NESTEC S.A., CH
[85] 2015-02-20
[86] 2013-08-22 (PCT/US2013/056150)
[87] (WO2014/031836)
[30] US (61/692,385) 2012-08-23

[21] **2,883,192**
[13] A1
[51] **Int.Cl. C14B 15/06 (2006.01)**
[25] EN
[54] **PELT BOARD WITH EXPANSION MEANS**
[54] **PLANCHE POUR PEAUX A FOURRURE DOTEE D'UN MOYEN D'EXPANSION**
[72] PEDERSEN, KURT, DK
[71] 4M GLOBE MANAGEMENT LTD., GB
[85] 2015-02-26
[86] 2013-08-12 (PCT/EP2013/066800)
[87] (WO2014/032950)
[30] DK (PA 2012 70522) 2012-08-30
[30] DK (PA 2013 70048) 2013-01-28

[21] **2,883,193**
[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/058 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **BRACE HAVING AN INFLATION CONTROL**
[54] **ATTELLE POSSEDANT UNE COMMANDE DE GONFLAGE**
[72] BATTERSON, BENJAMIN, US
[72] SASIDHARAN, MANIKANDAN, US
[72] KETELHOHN, ROBERT, US
[72] WHITAKER, CARL T., US
[71] DJO, LLC, US
[71] WHITAKER, CARL T., US
[85] 2015-02-20
[86] 2013-08-22 (PCT/US2013/056213)
[87] (WO2014/031867)
[30] US (61/692,614) 2012-08-23
[30] US (61/701,475) 2012-09-14

[21] **2,883,194**
[13] A1
[51] **Int.Cl. A47K 11/02 (2006.01)**
[25] EN
[54] **INCINERATION TOILET**
[54] **TOILETTES A INCINERATION**
[72] ASLAKSEN, ODD ARNE, NO
[71] SIRIUS TECHNOLOGY AS, NO
[85] 2015-02-25
[86] 2013-09-06 (PCT/NO2013/050155)
[87] (WO2014/038957)
[30] NO (20121008) 2012-09-06

[21] **2,883,195**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERING AN AUDIO-VISUAL CONTENT TO A CLIENT DEVICE**
[54] **SYSTEME ET PROCEDE POUR DISTRIBUER UN CONTENU AUDIOVISUEL A UN DISPOSITIF CLIENT**
[72] BREBION, REMY, FR
[72] COLOMBEL, DOMINIQUE, FR
[72] LE MANCQ, JACQUES, FR
[71] BROADPEAK, FR
[85] 2015-02-26
[86] 2013-08-19 (PCT/EP2013/067250)
[87] (WO2014/033003)
[30] EP (12306026.1) 2012-08-27

[21] **2,883,196**
[13] A1
[51] **Int.Cl. A61M 39/22 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **INFLATION CONTROL VALVE**
[54] **VANNE DE COMMANDE DE GONFLAGE**
[72] BATTERSON, BENJAMIN, US
[72] SASIDHARAN, MANIKANDAN, US
[72] KETELHOHN, ROBERT, US
[71] DJO, LLC, US
[85] 2015-02-20
[86] 2013-08-23 (PCT/US2013/056518)
[87] (WO2014/032029)
[30] US (61/692,614) 2012-08-23
[30] US (61/701,475) 2012-09-14

[21] **2,883,197**
[13] A1
[51] **Int.Cl. C12Q 1/04 (2006.01) C01B 33/00 (2006.01)**
[25] EN
[54] **METHOD FOR SIMULTANEOUS DETECTION, RECOVERY, IDENTIFICATION AND COUNTING OF MICROORGANISMS AND DEVICES FOR THE IMPLEMENTATION OF SAID METHOD**
[54] **PROCEDE PERMETTANT LA DETECTION, LA RECUPERATION, L'IDENTIFICATION ET L'ENUMERATION SIMULTANEE DE MICRO-ORGANISMES ET DISPOSITIFS PERMETTANT LA MISE EN OEUVRE DUDIT PROCEDE**
[72] RODRIGUEZ MARTINEZ, CLAUDIO, CU
[72] GONZALEZ RUIZ, JESUS EDUARDO, CU
[72] LOBAINA RODRIGUEZ, TAMARA, CU
[72] ZHURBENKO, RAISA, CU
[72] BRITO GONZALEZ, ANA IRIS, CU
[72] LOPEZ HERNANDEZ, MONICA, CU
[72] ARAGON FERNANDEZ, JAVIER, CU
[72] ALFONSO VALDES, IVONNE, CU
[72] ORTEGA SURIS, ADELAIDA, CU
[71] CENTRO NACIONAL DE BIOPREPARADOS (BIOCEN), CU
[71] CENTRO NACIONAL DE INVESTIGACIONES CIENTIFICAS, CU
[71] RODRIGUEZ MARTINEZ, CLAUDIO, CU
[71] GONZALEZ RUIZ, JESUS EDUARDO, CU
[71] LOBAINA RODRIGUEZ, TAMARA, CU
[71] ZHURBENKO, RAISA, CU
[71] BRITO GONZALEZ, ANA IRIS, CU
[71] LOPEZ HERNANDEZ, MONICA, CU
[71] ARAGON FERNANDEZ, JAVIER, CU
[71] ALFONSO VALDES, IVONNE, CU
[71] ORTEGA SURIS, ADELAIDA, CU
[85] 2014-10-21
[86] 2013-03-27 (PCT/CU2013/000002)
[87] (WO2013/143508)
[30] CU (CU/P/2012/0055) 2012-03-30

[21] **2,883,198**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] EN
[54] **IMPINGEMENT TUBE FOR GAS TURBINE VANE WITH A PARTITION WALL**
[54] **TUBE D'IMPACT POUR AUBE DE TURBINE A GAZ COMPRENANT UNE CLOISON**
[72] BLUCK, RICHARD, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-02-26
[86] 2013-08-22 (PCT/EP2013/067442)
[87] (WO2014/037227)
[30] EP (12183096.2) 2012-09-05

[21] **2,883,199**
[13] A1
[51] **Int.Cl. F02G 1/04 (2006.01) F02C 7/00 (2006.01) F02G 1/00 (2006.01)**
[25] EN
[54] **CYCLE PISTON ENGINE POWER SYSTEM**
[54] **SYSTEME ENERGETIQUE AVEC MOTEUR A PISTONS EN CYCLE**
[72] DUNN, PAUL M., US
[71] ENHANCED ENERGY GROUP LLC, US
[85] 2015-02-20
[86] 2013-08-29 (PCT/US2013/057288)
[87] (WO2014/036256)
[30] US (61/694,858) 2012-08-30

[21] **2,883,200**
[13] A1
[51] **Int.Cl. G01P 1/00 (2006.01) G01K 7/32 (2006.01) G01P 15/18 (2013.01)**
[25] EN
[54] **DUAL AND TRIPLE AXIS INERTIAL SENSORS AND METHODS OF INERTIAL SENSING**
[54] **CAPTEURS INERTIELS A DOUBLE ET TRIPLE AXE ET PROCEDES DE DETECTION INERTIELLE**
[72] SESHIA, ASHWIN ARUNKUMAR, GB
[72] THIRUVENKATANATHAN, PRADYUMNA, GB
[72] ZOU, XUDONG, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[85] 2015-02-26
[86] 2013-09-04 (PCT/GB2013/000375)
[87] (WO2014/037695)
[30] GB (1215750.9) 2012-09-04

[21] **2,883,201**
[13] A1
[51] **Int.Cl. C23C 28/00 (2006.01)**
[25] EN
[54] **METHODS, MATERIALS AND APPARATUS FOR IMPROVING CONTROL AND EFFICIENCY OF LAYER-BY-LAYER PROCESSES**
[54] **PROCEDES, MATERIAUX ET APPAREIL PERMETTANT D'AMELIORER LE REGLAGE ET L'EFFICACITE DE PROCESSUS DE DEPOT COUCHE PAR COUCHE**
[72] WORKMAN, THOMAS, US
[72] PARCE, J. WALLACE, US
[72] WANG, BENJAMIN, US
[72] KROGMAN, KEVIN, US
[72] SCHMID, SIGLINDE, US
[72] FARDY, MELISSA, US
[72] FONG, THOMAS, US
[72] JARVIS, WILLIAM E., US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2015-02-25
[86] 2013-09-12 (PCT/US2013/059337)
[87] (WO2014/043286)
[30] US (61/702,112) 2012-09-17

[21] **2,883,202**
[13] A1
[51] **Int.Cl. C01B 33/193 (2006.01) C08K 3/36 (2006.01) C09C 1/28 (2006.01)**
[25] FR
[54] **NOVEL METHOD FOR PREPARING PRECIPITATED SILICAS, NOVEL PRECIPITATED SILICAS AND THEIR USES, IN PARTICULAR FOR STRENGTHENING POLYMERS**
[54] **NOUVEAU PROCEDE DE PREPARATION DE SILICES PRECIPITEES, NOUVELLES SILICES PRECIPITEES ET LEURS UTILISATIONS, NOTAMMENT POUR LE RENFORCEMENT DE POLYMERES**
[72] BOIVIN, CEDRIC, FR
[72] GUY, LAURENT, FR
[72] PERIN, ERIC, FR
[72] LAMIRI, KILANI, FR
[71] RHODIA OPERATIONS, FR
[85] 2015-02-03
[86] 2013-09-02 (PCT/EP2013/068104)
[87] (WO2014/033300)
[30] FR (1202348) 2012-08-31

[21] **2,883,203**
[13] A1
[51] **Int.Cl. G05D 11/00 (2006.01) B67D 7/74 (2010.01)**
[25] EN
[54] **FLUID DOSAGE SYSTEM**
[54] **SYSTEME DE DOSAGE DE FLUIDE**
[72] WESTCOTT, STEPHAN CRAIG, GB
[71] NCH CORPORATION, US
[85] 2015-02-26
[86] 2013-07-23 (PCT/GB2013/051958)
[87] (WO2014/033428)
[30] GB (1215393.8) 2012-08-29

[21] **2,883,204**
[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01) C08K 5/49 (2006.01) C08L 23/00 (2006.01) C08L 91/00 (2006.01)**
[25] EN
[54] **BITUMEN COMPOSITIONS AND METHODS OF MAKING**
[54] **COMPOSITIONS DE BITUME ET PROCEDES DE FABRICATION**
[72] ROTZ, STEVEN L., US
[72] HACKER, SCOTT, US
[72] RUAN, YONGHONG, US
[71] HONEYWELL INTERNATIONAL, INC., US
[85] 2015-02-25
[86] 2013-09-09 (PCT/US2013/058730)
[87] (WO2014/043021)
[30] US (61/700,248) 2012-09-12
[30] US (14/019,331) 2013-09-05

[21] **2,883,205**
[13] A1
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 9/44 (2006.01) G06F 11/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING ILLEGITIMATE APPLICATIONS**
[54] **SYSTEMES ET PROCEDES POUR DETECTER LES APPLICATIONS ILLEGITIMES**
[72] MAO, JUN, US
[72] MCCORKENDALE, BRUCE, US
[72] LAFFOON, BARRY, US
[72] WAWDA, ABUBAKAR, US
[71] SYMANTEC CORPORATION, US
[85] 2015-02-20
[86] 2013-09-03 (PCT/US2013/057887)
[87] (WO2014/039455)
[30] US (13/604,422) 2012-09-05

[21] **2,883,206**
[13] A1
[51] **Int.Cl. B32B 3/02 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **ENGINEERED WATERPROOF FLOORING AND WALL COVERING PLANKS**
[54] **PLANCHES DE REVETEMENT DE COUVRE-SOL ET DE PAROI MANIPULEES POUR ETRE ETANCHES A L'EAU**
[72] DOSSCHE, PIET V., US
[72] ERRAMUZPE, PHILIPPE, US
[71] US FLOORS, INC., US
[85] 2015-02-25
[86] 2013-09-13 (PCT/US2013/059636)
[87] (WO2014/065953)
[30] US (13/657,750) 2012-10-22

[21] **2,883,207**
[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **CIRCUIT TO KEEP ELECTRONIC TRANSFORMERS WORKING WHILE UNDER-LOADED**
[54] **CIRCUIT POUR LE MAINTIEN DU FONCTIONNEMENT DE TRANSFORMATEURS ELECTRONIQUES LORS D'UNE SOUS-CHARGE**
[72] DE VAAL, GERARDUS GEERTRUUD, ZA
[71] MARULALED (PTY) LTD, ZA
[85] 2015-02-19
[86] 2013-08-30 (PCT/IB2013/058172)
[87] (WO2014/033684)
[30] GB (1215412.6) 2012-08-30

[21] **2,883,208**
[13] A1
[51] **Int.Cl. H04W 36/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING INFORMATION IN A NETWORK**
[54] **PROCEDE ET APPAREIL DE GESTION D'INFORMATIONS DANS UN RESEAU**
[72] KOSKINEN, JUSSI-PEKKA, FI
[72] KOSKELA, JARKKO, FI
[72] KESKITALO, ILKKA, FI
[71] NOKIA CORPORATION, FI
[85] 2015-02-24
[86] 2012-09-28 (PCT/FI2012/050934)
[87] (WO2014/049195)

[21] **2,883,209**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01) A61F 2/07 (2013.01) A61F 2/958 (2013.01) A61F 2/76 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND DEVICES FOR TREATING HYPERTENSION**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS DE TRAITEMENT D'HYPERTENSION**
[72] BRENNEMAN, RODNEY, US
[72] KELLERMAN, BRAD, US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] ROX MEDICAL, INC., US
[85] 2015-02-25
[86] 2013-09-27 (PCT/US2013/062458)
[87] (WO2014/052919)
[30] US (61/707,280) 2012-09-28

[21] **2,883,210**
[13] A1
[51] **Int.Cl. C07D 401/08 (2006.01) A61K 31/439 (2006.01) A61P 25/28 (2006.01) C07B 59/00 (2006.01) C07D 451/04 (2006.01)**
[25] EN
[54] **BICYCLIC AZA COMPOUNDS AS MUSCARINIC M1 RECEPTOR AGONISTS**
[54] **COMPOSES AZA BICYCLIQUES UTILISES COMME AGONISTES DU RECEPTEUR MUSCARINIQUE M1**
[72] BROWN, GILES ALBERT, GB
[72] CANSFIELD, JULIE ELAINE, GB
[72] CONGREVE, MILES STUART, GB
[72] PICKWORTH, MARK, GB
[72] TEHAN, BENJAMIN GERALD, GB
[71] HEPTARES THERAPEUTICS LIMITED, GB
[85] 2015-02-26
[86] 2013-09-18 (PCT/GB2013/052442)
[87] (WO2014/045031)
[30] US (61/702,330) 2012-09-18
[30] US (61/823,606) 2013-05-15

[21] **2,883,211**
[13] A1
[51] **Int.Cl. B65D 5/20 (2006.01) B65D 5/44 (2006.01)**
[25] EN
[54] **A CARTON FOR PACKING AND A METHOD FOR PACKING ARTICLES USING THE PACKING CARTON**
[54] **CARTON D'EMBALLAGE ET PROCEDE D'EMBALLAGE D'ARTICLES METTANT EN □UVRE LEDIT CARTON D'EMBALLAGE**
[72] PONTI, GIUSEPPE, IT
[71] F.L. AUTO S.R.L., IT
[85] 2015-02-26
[86] 2013-08-27 (PCT/IB2013/058014)
[87] (WO2014/033624)
[30] IT (BO2012A000462) 2012-08-31

[21] **2,883,212**
[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **SENSOR NETWORK DESIGN AND INVERSE MODELING FOR REACTOR CONDITION MONITORING**
[54] **CONCEPTION DE RESEAU DE CAPTEUR ET MODELAGE INVERSE POUR LA SURVEILLANCE D'UN ETAT DE REACTEUR**
[72] SONG, LIMIN, US
[72] KUMARAN, KRISHNAN, US
[72] SENGUPTA, BHASKAR, US
[72] WANG, JING BO, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-02-24
[86] 2013-09-27 (PCT/US2013/062157)
[87] (WO2014/062361)
[30] US (61/714,396) 2012-10-16

[21] **2,883,213**
[13] A1
[51] **Int.Cl. A61C 17/34 (2006.01)**
[25] EN
[54] **POWER TOOTHBRUSH WITH A TUNABLE BRUSHHEAD ASSEMBLY SYSTEM**
[54] **BROSSE A DENTS ELECTRIQUE AYANT UN SYSTEME D'ENSEMBLE TETE DE BROSSE REGLABLE**
[72] JOHNSON, AHREN KARL, NL
[72] WILLS, SCOTT ROBERT, NL
[72] KLOSTER, TYLER G., NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2015-02-26
[86] 2013-08-31 (PCT/IB2013/058190)
[87] (WO2014/033685)
[30] US (61/695,377) 2012-08-31

[21] **2,883,214**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/315 (2006.01) A61M 5/20 (2006.01) B65B 3/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **APPLIANCE FOR THE TRANSFER OF BIOMEDICAL FLUIDS BETWEEN HOSPITAL RECEPTACLES**
[54] **APPAREIL DE TRANSFERT DE FLUIDES BIOMEDICAUX ENTRE DES RECEPTACLES D'HOPITAL**
[72] MAFFEI, GUISEPPE, IT
[71] MAFFEI, GUISEPPE, IT
[85] 2015-02-26
[86] 2013-09-02 (PCT/IB2013/058226)
[87] (WO2014/041461)
[30] IT (MO2012A000219) 2012-09-17

[21] **2,883,215**
[13] A1
[51] **Int.Cl. E21B 34/12 (2006.01) E21B 23/00 (2006.01) E21B 34/14 (2006.01) F16K 3/34 (2006.01)**
[25] EN
[54] **APPARATUS FOR CREATING BIDIRECTIONAL ROTARY FORCE OR MOTION IN A DOWNHOLE DEVICE AND METHOD FOR USING SAME**
[54] **APPAREIL POUR CREER UNE FORCE OU UN MOUVEMENT DE ROTATION BIDIRECTIONNEL DANS UN DISPOSITIF DE FOND DE TROU ET SON PROCEDE D'UTILISATION**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK, US
[72] FERGUSON, ANDREW, US
[72] LOVING, STANLEY W., US
[71] THRU TUBING SOLUTIONS, INC., US
[85] 2015-02-19
[86] 2013-08-21 (PCT/US2013/055924)
[87] (WO2014/031714)
[30] US (13/591,183) 2012-08-21

[21] **2,883,216**
[13] A1
[51] **Int.Cl. A63H 33/08 (2006.01)**
[25] EN
[54] **MODULAR ELECTRONIC BUILDING SYSTEMS WITH MAGNETIC INTERCONNECTIONS AND METHODS OF USING THE SAME**
[54] **SYSTEMES DE CONSTRUCTION ELECTRONIQUE MODULAIRES AVEC INTERCONNEXIONS MAGNETIQUES ET PROCEDES ASSOCIES**
[72] BDEIR, AYA, US
[71] LITTLEBITS ELECTRONICS INC., US
[85] 2015-02-19
[86] 2013-08-26 (PCT/US2013/056599)
[87] (WO2014/032043)
[30] US (13/593,891) 2012-08-24
[30] US (61/728,103) 2012-11-19

[21] **2,883,217**
[13] A1
[51] **Int.Cl. E04B 1/80 (2006.01)**
[25] EN
[54] **WALL SYSTEM WITH VAPOR BARRIER SECUREMENT**
[54] **SYSTEME DE MUR AVEC FIXATION DE BARRIERE CONTRE LA VAPEUR**
[72] MCCLURE, RICHARD R., US
[71] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
[85] 2015-02-06
[86] 2013-08-09 (PCT/US2013/054389)
[87] (WO2014/026141)
[30] US (61/681,355) 2012-08-09
[30] US (13/953,219) 2013-07-29

[21] **2,883,218**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CALCULATING AND USING STATISTICAL MODELS TO PREDICT MEDICAL EVENTS**
[54] **PROCEDES ET SYSTEMES DE CALCUL ET D'UTILISATION DE MODELES STATISTIQUES POUR PREDIRE DES EVENEMENTS MEDICAUX**
[72] SARRAFZADEH, MAJID, US
[72] SUH, MYUNG-KYUNG, US
[72] LAN, MARS, US
[72] GHASEMZADEH, HASSAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-02-25
[86] 2013-08-28 (PCT/US2013/057137)
[87] (WO2014/036173)
[30] US (61/694,171) 2012-08-28

[21] **2,883,219**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MULTIPHASE NUCLEIC ACID AMPLIFICATION**
[54] **AMPLIFICATION D'ACIDES NUCLEIQUES EN MODE MULTIPHASE**
[72] NELSON, NORMAN C., US
[72] ARNOLD, LYLE J., JR., US
[72] DAI, LIZHONG, US
[72] PHELPS, STEVEN S., US
[72] CHELLISERRY, JIJUMON, US
[71] GEN-PROBE INCORPORATED, US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057458)
[87] (WO2014/036369)
[30] US (61/695,106) 2012-08-30
[30] US (61/846,538) 2013-07-15

[21] **2,883,220**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A01N 63/00 (2006.01) A01N 65/00 (2009.01) A61K 45/00 (2006.01) C12N 7/01 (2006.01) C12N 15/10 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **CONTROLS FOR NUCLEIC ACID ASSAYS**
[54] **TEMOINS POUR DOSAGES D'ACIDE NUCLEIQUE**
[72] NOERHOLM, MIKKEL, DE
[72] BELZER, SUSAN, US
[72] ROMAIN, CHARLOTTE, US
[72] SKOG, JOHAN KARL OLOV, US
[72] RUSSO, LEILEATA M., US
[72] COMPER, WAYNE, US
[71] EXOSOME DIAGNOSTICS, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057506)
[87] (WO2014/036391)
[30] US (61/695,116) 2012-08-30

[21] **2,883,221**
[13] A1
[51] **Int.Cl. A61K 31/4745 (2006.01)**
[25] EN
[54] **BENZOFURAZAN ANTI-AMYLOID COMPOUNDS AND METHODS**
[54] **COMPOSES DE BENZOFURAZANE ANTI-AMYLOIDES ET PROCEDES S'Y RAPPORTANT**
[72] REED, MARK A., CA
[72] WOOD, THOMAS K., US
[72] BANFIELD, SCOTT C., CA
[72] BARDEN, CHRISTOPHER J., CA
[71] TREVENTIS CORPORATION, US
[85] 2015-02-23
[86] 2013-08-22 (PCT/US2013/056220)
[87] (WO2014/031873)
[30] US (61/693,011) 2012-08-24

[21] **2,883,222**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **DIAGNOSTIC ASSAYS AND KITS FOR DETECTION OF FOLATE RECEPTOR 1**
[54] **DOSAGES DIAGNOSTIQUES ET NECESSAIRES DE DETECTION DU RECEPTEUR-1 AUX FOLATES**
[72] TESTA, NATHAN E., US
[72] CARRIGAN, CHRISTINA N., US
[72] AB, OLGA, US
[72] TAVARES, DANIEL, US
[72] WOLF, BENI B., US
[71] IMMUNOGEN, INC., US
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057682)
[87] (WO2014/036495)
[30] US (61/695,791) 2012-08-31
[30] US (61/756,254) 2013-01-24

[21] **2,883,223**
[13] A1
[51] **Int.Cl. E01B 9/30 (2006.01)**
[25] EN
[54] **ANCHORING DEVICES FOR RAIL FASTENING CLIPS**
[54] **DISPOSITIFS D'ANCRAGE POUR PATTES DE FIXATION DE RAIL**
[72] HARKNESS, STEVEN, AU
[72] KEAST, BRENTON, AU
[72] BARTHRAM, PIERRE, AU
[72] NEVIDAL, JOZEF, AU
[71] PANDROL AUSTRALIA PTY LTD, AU
[85] 2015-02-26
[86] 2013-08-30 (PCT/AU2013/000979)
[87] (WO2014/032114)
[30] AU (2012903815) 2012-08-31

[21] **2,883,224**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **INFORMATION TRANSMISSION METHOD, APPARATUS, AND SYSTEM, TERMINAL, AND SERVER**
[54] **PROCEDE ET APPAREIL POUR LA TRANSMISSION DE DONNEES, ET SYSTEME, TERMINAL, ET SERVEUR CORRESPONDANTS**
[72] ZHANG, XIAOLONG, CN
[72] RONG, KUNFENG, CN
[72] CHEN, WENXIAO, CN
[72] LIN, ZHIYUAN, CN
[72] YAO, SHAOMIAN, CN
[72] WENG, LETENG, CN
[72] SUN, XIAO, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-02-24
[86] 2013-05-28 (PCT/CN2013/076325)
[87] (WO2014/032444)
[30] CN (201210307695.9) 2012-08-27

[21] **2,883,225**
[13] A1
[51] **Int.Cl. C02F 1/28 (2006.01) B01J 41/10 (2006.01) C02F 1/42 (2006.01) C02F 1/48 (2006.01)**
[25] EN
[54] **PARTICLE FOR RECOVERING AN ANION FROM AN AQUEOUS SOLUTION**
[54] **PARTICULE POUR LA RECUPERATION D'UN ANION A PARTIR D'UNE SOLUTION AQUEUSE**
[72] HUTTER, FRANK, DE
[72] GELLERMANN, CARSTEN, DE
[72] MANDEL, KARL, DE
[71] BADEN-WUERTTEMBERG STIFTUNG GGMBH, DE
[85] 2015-02-24
[86] 2013-08-02 (PCT/EP2013/066288)
[87] (WO2014/037172)
[30] EP (12183587.0) 2012-09-07

[21] **2,883,226**
[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) C07C 31/04 (2006.01) C07C 41/09 (2006.01) C07C 41/38 (2006.01) C07C 43/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF DIMETHYL ETHER**
[54] **PROCEDE DE PREPARATION DE DIMETHYLETHER**
[72] JOENSEN, FINN, DK
[72] MADSEN, JORGEN, DK
[72] HOJLUND NIELSEN, POUL ERIK, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2015-02-24
[86] 2013-08-14 (PCT/EP2013/066979)
[87] (WO2014/032973)
[30] EP (PCT/EP2012/067012) 2012-08-31

[21] **2,883,227**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **DNA PLASMIDS WITH IMPROVED EXPRESSION**
[54] **PLASMIDES D'ADN DOTES D'UNE EXPRESSION AMELIOREE**
[72] WILLIAMS, JAMES A., US
[71] NATURE TECHNOLOGY CORPORATION, US
[85] 2015-02-24
[86] 2013-03-14 (PCT/US2013/000068)
[87] (WO2014/035457)
[30] US (61/743,219) 2012-08-29

[21] **2,883,229**
[13] A1
[51] **Int.Cl. H02J 9/06 (2006.01) H02J 3/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EFFICIENT POWER DISTRIBUTION AND BACKUP**
[54] **SYSTEME ET PROCEDE POUR DISTRIBUTION EFFICACE D'ELECTRICITE ET ALIMENTATION DE SECOURS**
[72] JAIN, DEEPAK, US
[71] AINET REGISTRY LLC, US
[85] 2015-02-24
[86] 2013-08-07 (PCT/US2013/054003)
[87] (WO2014/031343)
[30] US (13/594,533) 2012-08-24

[21] **2,883,231**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE ELECTROSURGICAL PENCIL**
[54] **CRAYON ELECTROCHIRURGICAL REGLABLE**
[72] INESON, LEONARD, CA
[71] INSTRUVENTIONAL INC., CA
[85] 2015-02-25
[86] 2012-12-21 (PCT/CA2012/001200)
[87] (WO2014/032157)
[30] US (61/693,826) 2012-08-28

[21] **2,883,232**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE ELECTROSURGICAL PENCIL WITH SLIDABLE VENT TUBE**
[54] **CRAYON ELECTROCHIRURGICAL REGLABLE A TUBE D'EVACUATION COULISSABLE**
[72] INESON, LEONARD, CA
[71] INSTRUVENTIONAL INC., CA
[85] 2015-02-25
[86] 2013-08-23 (PCT/CA2013/000741)
[87] (WO2014/032163)
[30] US (61/693,826) 2012-08-28
[30] CA (PCT/CA2012/001200) 2012-12-21

[21] **2,883,242**
[13] A1
[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/40 (2006.01) A61K 31/4025 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61P 25/00 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/06 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **FLUOROMETHYL-SUBSTITUTED PYRROLE CARBOXAMIDES**
[54] **PYRROLE CARBOXAMIDES SUBSTITUES PAR UN FLUOROMETHYLE**
[72] SCHUNK, STEFAN, DE
[72] REICH, MELANIE, DE
[72] STEINHAGEN, HENNING, DE
[72] DAMANN, NILS, DE
[72] SKONE, PHILIP, GB
[72] HAMLYN, RICHARD, GB
[72] KIRBY, ROBERT, GB
[72] ROGERS, MARC, GB
[72] SUTTON, KATHY, GB
[71] GRUNENTHAL GMBH, DE
[85] 2015-02-26
[86] 2013-08-29 (PCT/EP2013/002594)
[87] (WO2014/032801)
[30] EP (12006120.5) 2012-08-29

[21] **2,883,243**
[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING DRILLING EVENTS USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE POUR DETECTER DES EVENEMENTS DE FORAGE AU MOYEN D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2012-08-31 (PCT/US2012/053463)
[87] (WO2014/035422)

[21] **2,883,247**
[13] A1
[51] **Int.Cl. E21B 47/013 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING CUTTINGS USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE DEBLAIS DE FORAGE METTANT EN □UVRE UN DISPOSITIF D'ANALYSE OPTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2012-08-31 (PCT/US2012/053465)
[87] (WO2014/035423)

[21] **2,883,250**
[13] A1
[51] **Int.Cl. G01B 15/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING TORSION USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'UNE TORSION A L'AIDE D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2012-08-31 (PCT/US2012/053468)
[87] (WO2014/035425)

[21] **2,883,253**
[13] A1
[51] **Int.Cl. E21B 12/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING GAPS USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE POUR MESURER DES ESPACES OU DISTANCES AU MOYEN D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
[86] 2012-08-31 (PCT/US2012/053474)
[87] (WO2014/035427)

[21] **2,883,262**
[13] A1
[51] **Int.Cl. H04N 21/2662 (2011.01) H04N 21/238 (2011.01)**
[25] EN
[54] **SITUATION-DEPENDENT DYNAMIC BIT RATE ENCODING AND DISTRIBUTION OF CONTENT**
[54] **DISTRIBUTION DE CONTENU ET CODAGE DE DEBIT BINAIRE DYNAMIQUE DEPENDANT D'UNE SITUATION**
[72] MANCHESTER, JAMES S., US
[72] MILES, WILFRED JAIME, US
[72] ZELESKO, MATTHEW, US
[72] WOLF, ETHAN, US
[71] TIME WARNER CABLE ENTERPRISES LLC, US
[85] 2015-02-25
[86] 2013-11-05 (PCT/US2013/068422)
[87] (WO2014/078122)
[30] US (13/678,593) 2012-11-16

[21] **2,883,263**
[13] A1
[51] **Int.Cl. C07F 9/24 (2006.01) C07F 9/6561 (2006.01) C07H 19/00 (2006.01)**
[25] EN
[54] **PHOTOCLEAVABLE LINKER MOLECULES WITH DIARYLSULPHID BACKBONE FOR TRANSIENT BIOCONJUGATE SYNTHESIS**
[54] **MOLECULES DE TYPE LIEUR PHOTOCLIVABLE AYANT UN SQUELETTE DIARYLSULFURE POUR SYNTHESE DE BIOCONJUGUES TRANSITOIRES**
[72] STENGELE, KLAUS-PETER, DE
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2015-02-25
[86] 2013-09-27 (PCT/EP2013/070148)
[87] (WO2014/053397)
[30] EP (12187286.5) 2012-10-04

[21] **2,883,264**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 47/48 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **BISPECIFIC HER2 LIGANDS FOR CANCER THERAPY**
[54] **LIGANDS HER2 BISPECIFIQUES POUR LA THERAPIE DU CANCER**
[72] TAMASKOVIC, RASTISLAV, CH
[72] SCHWILL, MARTIN, CH
[72] PLUCKTHUN, ANDREAS, CH
[72] JOST, CHRISTIAN, CH
[71] UNIVERSITAT ZURICH PROREKTORAT MNW, CH
[85] 2015-02-26
[86] 2013-10-14 (PCT/EP2013/071443)
[87] (WO2014/060365)
[30] EP (12188598.2) 2012-10-15
[30] EP (12191673.8) 2012-11-07
[30] EP (12192465.8) 2012-11-13
[30] EP (13185724.5) 2013-09-24

[21] **2,883,265**
[13] A1
[51] **Int.Cl. B31B 1/22 (2006.01) B31B 1/16 (2006.01) B31B 1/25 (2006.01) B31B 1/62 (2006.01) B31B 3/00 (2006.01) B65D 5/20 (2006.01) B65D 75/14 (2006.01)**
[25] EN
[54] **A METHOD FOR REALISING CARTONS FOR PACKING AND AN APPARATUS ACTUATING THE METHOD**
[54] **PROCEDE DE FABRICATION DE CARTONS D'EMBALLAGE ET APPAREIL METTANT EN □UVRE LEDIT PROCEDE**
[72] PONTI, GIUSEPPE, IT
[71] F.L. AUTO S.R.L., IT
[85] 2015-02-26
[86] 2013-08-28 (PCT/IB2013/058048)
[87] (WO2014/033635)
[30] IT (BO2012A000463) 2012-08-31

[21] **2,883,266**
[13] A1
[51] **Int.Cl. G02F 1/01 (2006.01) B82Y 20/00 (2011.01) B42D 25/36 (2014.01) B42D 25/40 (2014.01) B44F 1/10 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **NANO-MEDIA INFORMATION CARRIER BASED ON PIXELATED NANO-STRUCTURES COMBINED WITH AN INTENSITY CONTROL LAYER**
[54] **SUPPORT D'INFORMATIONS NANO-MEDIA BASE SUR NANOSTRUCTURES PIXELISEES COMBINEES A UNE COUCHE DE COMMANDE D'INTENSITE**
[72] JIANG, HAO, CA
[72] QAREHBAGHI, REZA, CA
[72] KAMINSKA, BOZENA, CA
[72] NAJIMINAINI, MOHAMADREZA, CA
[72] REZAEI, MOHAMAD, CA
[72] CARSON, JEFFREY J. L., CA
[71] NANOMEDIA SOLUTIONS INC., CA
[85] 2015-02-25
[86] 2014-08-08 (PCT/CA2014/050754)
[87] (WO2015/021544)
[30] US (61/864,615) 2013-08-11

[21] **2,883,267**
[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01) B01J 20/28 (2006.01) C05F 11/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR CAPTURING CARBON DIOXIDE**
[54] **PROCEDE ET COMPOSITIONS POUR LA CAPTURE DE DIOXYDE DE CARBONE**
[72] HAMMOND, PETER, GB
[71] CCM RESEARCH LIMITED, GB
[85] 2015-02-26
[86] 2013-08-29 (PCT/GB2013/052262)
[87] (WO2014/033456)
[30] GB (1215379.7) 2012-08-29
[30] GB (1215380.5) 2012-08-29

[21] **2,883,268**
[13] A1
[51] **Int.Cl. C22C 23/00 (2006.01) A61L 27/04 (2006.01) C22C 23/04 (2006.01) C22F 1/06 (2006.01)**
[25] EN
[54] **ULTRAPURE MAGNESIUM ALLOY WITH ADJUSTABLE DEGRADATION RATE**
[54] **ALLIAGE DE MAGNESIUM ULTRAPUR AYANT UNE VITESSE DE DEGRADATION AJUSTABLE**
[72] IMWINKELRIED, THOMAS, CH
[72] BECK, STEFAN, CH
[72] UGGOWITZER, PETER, CH
[72] LOEFFLER, JOERG, CH
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057294)
[87] (WO2014/036262)
[30] US (61/695,621) 2012-08-31
[30] US (13/827,008) 2013-03-14

[21] **2,883,269**
[13] A1
[51] **Int.Cl. C05F 11/00 (2006.01) B01D 53/50 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING A PLANT COMPOSITION**
[54] **PROCEDE PERMETTANT D'OBTENIR UNE COMPOSITION POUR LES PLANTES**
[72] HAMMOND, PETER, GB
[71] CCM RESEARCH LIMITED, GB
[85] 2015-02-26
[86] 2013-08-29 (PCT/GB2013/052264)
[87] (WO2014/033458)
[30] GB (1215380.5) 2012-08-29

[21] **2,883,270**
[13] A1
[51] **Int.Cl. A61K 31/4725 (2006.01) A61K 9/24 (2006.01) A61K 31/426 (2006.01) A61K 47/12 (2006.01) A61K 47/32 (2006.01) A61K 47/34 (2006.01) A61K 47/38 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **ORALLY ADMINISTERED MEDICAL COMPOSITION**
[54] **COMPOSITION MEDICALE ADMINISTREE PAR VOIE ORALE**
[72] TSUTSUI, YUUKI, JP
[72] TOYOTA, HIROYASU, JP
[72] HAKOMORI, TADASHI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2015-02-26
[86] 2013-08-30 (PCT/JP2013/073351)
[87] (WO2014/034860)
[30] JP (2012-191833) 2012-08-31

[21] **2,883,271**
[13] A1
[51] **Int.Cl. A01K 7/02 (2006.01)**
[25] EN
[54] **ANIMAL WATERING DEVICE AND METHOD OF CONTROLLING ANIMAL WATERING DEVICE**
[54] **DISPOSITIF D'ABREUVEMENT POUR ANIMAL ET PROCEDE DE COMMANDE DU DISPOSITIF D'ABREUVEMENT POUR ANIMAL**
[72] TILLET, NICOLAS, SE
[72] VAN DER POEL, HANS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2015-02-26
[86] 2013-10-14 (PCT/SE2013/051200)
[87] (WO2014/062122)
[30] SE (1251181-2) 2012-10-17
[30] US (61/714,911) 2012-10-17
[30] SE (1251179-6) 2012-10-17
[30] US (61/714,894) 2012-10-17

[21] **2,883,272**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01)**
[25] EN
[54] **METHODS TO CONTROL PROTEIN HETEROGENEITY**
[54] **PROCEDES DE CONTROLE DE L'HETEROGENEITE DES PROTEINES**
[72] RIVES, LISA M., US
[72] BENGEA, CORNELIA T., US
[72] ZENG, XIAOBEI, US
[71] ABBVIE INC., US
[85] 2015-02-26
[86] 2013-03-14 (PCT/US2013/031365)
[87] (WO2014/035475)
[30] US (61/696,219) 2012-09-02

[21] **2,883,273**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **MEDICATION REQUISITION FULFILLMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION OPTIMALE DE DEMANDES DE MEDICATION**
[72] SCHNEIDER, DENNIS I., US
[71] BAXTER CORPORATION ENGLEWOOD, US
[85] 2015-02-26
[86] 2013-03-14 (PCT/US2013/031707)
[87] (WO2014/035478)
[30] US (61/695,831) 2012-08-31

[21] **2,883,274**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **CHARGING STATION AND SYSTEM**
[54] **SYSTEME ET STATION DE CHARGE**
[72] LYKOV, EVGENY, FI
[71] AITICO OY, FI
[85] 2015-02-26
[86] 2012-08-28 (PCT/FI2012/050817)
[87] (WO2014/033349)

[21] **2,883,275**
[13] A1
[51] **Int.Cl. B32B 37/12 (2006.01) B29C 70/50 (2006.01)**
[25] EN
[54] **METHODS FOR MANUFACTURING ION EXCHANGE MEMBRANES**
[54] **PROCEDES DE FABRICATION DE MEMBRANES ECHANGEUSES D'ION**
[72] RAMANAN, HARIKRISHNAN, SG
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-02-26
[86] 2013-07-19 (PCT/US2013/051210)
[87] (WO2014/039171)
[30] US (61/698,210) 2012-09-07

[21] **2,883,277**
[13] A1
[51] **Int.Cl. A61K 31/46 (2006.01) A61K 9/12 (2006.01) A61P 11/06 (2006.01)**
[25] EN
[54] **TIOTROPIUM PREPARATIONS**
[54] **PREPARATIONS DE TIOTROPIUM**
[72] JESSON, GERALD, SE
[72] DEMIRBUKER, MUSTAFA, SE
[72] BRISANDER, MAGNUS, SE
[71] CERBIOS-PHARMA SA, CH
[85] 2015-02-26
[86] 2013-09-06 (PCT/SE2013/051039)
[87] (WO2014/039001)
[30] EP (12183264.6) 2012-09-06

[21] **2,883,280**
[13] A1
[51] **Int.Cl. B65D 47/04 (2006.01)**
[25] EN
[54] **A FLUID TRANSPORT CONTAINER**
[54] **CONTENANT POUR LE TRANSPORT DE FLUIDE**
[72] WILKINS, CONRAD H., CA
[72] PEARS, STEPHEN MICHAEL, CA
[71] 0901601 B.C. LTD., CA
[85] 2015-02-26
[86] 2013-08-28 (PCT/CA2013/000749)
[87] (WO2014/032169)
[30] US (13/597,087) 2012-08-28
[30] CA (2788791) 2012-08-28

[21] **2,883,281**
[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **CONFIGURATION OF A BUILDING AUTOMATION SYSTEM CONTROLLER**
[54] **CONFIGURATION D'UN DISPOSITIF DE COMMANDE DE SYSTEME D'AUTOMATISATION DE BATIMENT**
[72] CASILLI, CHRIS, US
[72] HINGOS, DAVID A., US
[72] OTTO, MARTIN, US
[72] NEGRON, SAMUEL, US
[72] VAIDHYANATHAN, MITHUN, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057299)
[87] (WO2014/036266)
[30] US (61/694,436) 2012-08-29
[30] US (13/890,867) 2013-05-09

[21] **2,883,282**
[13] A1
[51] **Int.Cl. E06B 9/40 (2006.01) A47H 11/06 (2006.01)**
[25] EN
[54] **WIND-RESISTANT SUN-PROOF BLIND**
[54] **STORE PARE-SOLEIL RESISTANT AU VENT**
[72] LU, XIANFENG, CN
[72] YANG, SHIJU, CN
[71] NINGBO XIANFENG NEW MATERIAL CO., LTD, CN
[85] 2015-02-19
[86] 2013-12-18 (PCT/CN2013/089867)
[87] (WO2014/176914)
[30] CN (201310160497.9) 2013-05-03

[21] **2,883,285**
[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SHARED CONFIGURATION DATA IN A BUILDING AUTOMATION SYSTEM CONTROLLER**
[54] **DONNEES DE CONFIGURATION PARTAGEES DANS UN DISPOSITIF DE COMMANDE DE SYSTEME D'AUTOMATISATION DE BATIMENT**
[72] CASILLI, CHRIS, US
[72] HINGOS, DAVID A., US
[72] OTTO, MARTIN, US
[72] NEGRON, SAMUEL, US
[72] VAIDHYANATHAN, MITHUN, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057306)
[87] (WO2014/036272)
[30] US (61/694,436) 2012-08-29
[30] US (13/890,898) 2013-05-09

[21] **2,883,287**
[13] A1
[51] **Int.Cl. F15B 21/00 (2006.01) E02F 9/22 (2006.01) E02F 9/24 (2006.01) F15B 20/00 (2006.01)**
[25] EN
[54] **FLUID ISOLATOR**
[54] **DISPOSITIF D'ISOLATION DE FLUIDE**
[72] KROPP, ANTHONY, AU
[72] MINCH, DWAYNE, AU
[71] HYDRAULIC ISOLATOR & SAFETY TECHNOLOGY PTY LIMITED, AU
[85] 2015-02-25
[86] 2013-08-26 (PCT/AU2013/000949)
[87] (WO2014/032086)
[30] AU (2012903684) 2012-08-27

[21] **2,883,288**
[13] A1
[51] **Int.Cl. G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A PROBABILITY OF WELL SUCCESS USING STOCHASTIC INVERSION**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UNE PROBABILITE DE SUCCES DE FORAGE A L'AIDE D'UNE INVERSION STOCHASTIQUE**
[72] HOVERSTEN, GARY MICHAEL, US
[72] TRAINOR-GUITTON, WHITNEY, US
[71] CHEVRON U.S.A. INC., US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057356)
[87] (WO2014/036300)
[30] US (13/600,406) 2012-08-31

[21] **2,883,289**
[13] A1
[51] **Int.Cl. E06B 9/327 (2006.01)**
[25] EN
[54] **BLINDS SYSTEM FOR INSTALLATION BETWEEN TWO INSULATED WINDOW PANES**
[54] **SYSTEME DE STORES A MONTER ENTRE DEUX VITRAGES ISOLANTS**
[72] MAKSAN, ZORAN, HR
[71] GLAVAS, BORAN, HR
[85] 2015-02-26
[86] 2012-08-27 (PCT/HR2012/000018)
[87] (WO2014/033487)

[21] **2,883,291**
[13] A1
[51] **Int.Cl. C07C 323/25 (2006.01) B01J 31/22 (2006.01) C01B 3/02 (2006.01) C07C 5/03 (2006.01) C07C 29/132 (2006.01) C07C 209/30 (2006.01) C07C 209/44 (2006.01)**
[25] EN
[54] **CATALYSTS BASED ON AMINO-SULFIDE LIGANDS FOR HYDROGENATION AND DEHYDROGENATION PROCESSES**
[54] **CATALYSEURS A BASE DE LIGANDS AMINO-SULFURES POUR DES PROCESSUS D'HYDROGENATION ET DE DESHYDROGENATION**
[72] GOUSSEV, DMITRI, CA
[72] SPASYUK, DENIS, CA
[72] SMITH, SAMANTHA, CA
[71] GOUSSEV, DMITRI, CA
[71] SPASYUK, DENIS, CA
[71] SMITH, SAMANTHA, CA
[85] 2015-02-26
[86] 2013-09-04 (PCT/CA2013/050679)
[87] (WO2014/036650)
[30] US (61/696,780) 2012-09-04

[21] **2,883,292**
[13] A1
[51] **Int.Cl. G06T 11/20 (2006.01) G06T 19/00 (2011.01) G01V 1/34 (2006.01)**
[25] EN
[54] **3D VISUALIZATION OF RESERVOIR MONITORING DATA**
[54] **VISUALISATION 3D DE DONNEES DE SURVEILLANCE DE RESERVOIR**
[72] GUNTURU, SASHI B., US
[71] SRISTY TECHNOLOGIES LLC, US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057378)
[87] (WO2014/036315)
[30] US (61/694,439) 2012-08-29

[21] **2,883,293**
[13] A1
[51] **Int.Cl. A63B 23/08 (2006.01) A63B 21/02 (2006.01)**
[25] EN
[54] **DEVICE FOR STRENGTHENING, IMPROVING RANGE OF MOTION, IMPROVING FLEXIBILITY IN ANKLE JOINTS AND REHABILITATING INJURED ANKLE JOINTS**
[54] **DISPOSITIF DE RENFORCEMENT, D'AMELIORATION DE PLAGE DE MOUVEMENT, D'AMELIORATION DE LA FLEXIBILITE D'ARTICULATIONS DE CHEVILLE ET DE REEDUCATION D'ARTICULATIONS DE CHEVILLE BLESSEES**
[72] MACK, ANTHONY, US
[71] MACK, ANTHONY, US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056812)
[87] (WO2014/035976)
[30] US (61/693,600) 2012-08-27
[30] US (13/795,774) 2013-03-12

[21] **2,883,295**
[13] A1
[51] **Int.Cl. F01D 21/04 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **RUB TOLERANT FAN CASE**
[54] **BOITIER DE VENTILATEUR TOLERANT VIS-A-VIS DU FROTTEMENT**
[72] ERIKSEN, MICHAEL EDWARD, US
[72] PAULEY, GERALD ALEXANDER, US
[72] SCORSE, DANIEL THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-02-26
[86] 2013-08-01 (PCT/US2013/053190)
[87] (WO2014/039188)
[30] US (13/604,722) 2012-09-06

[21] **2,883,296**
[13] A1
[51] **Int.Cl. A61K 39/008 (2006.01) A23L 3/015 (2006.01) C07K 1/113 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **HYPERBARIC DEVICE AND METHODS FOR PRODUCING INACTIVATED VACCINES AND FOR REFOLDING/SOLUBILIZING RECOMBINANT PROTEINS**
[54] **DISPOSITIF HYPERBARE ET PROCEDES DE PRODUCTION DE VACCINS INACTIVES ET DE REPLIEMENT/SOLUBILISATION DE PROTEINES RECOMBINANTES**
[72] CARBOULEC, NICOLAS PIERRE, YVES, FR
[72] MERIAN, GILDAS, FR
[72] LABATUT, RENE, FR
[72] GERENTES, LIONEL, FR
[71] MERIAL, INC., US
[71] TOP INDUSTRIE S.A.S., FR
[85] 2015-02-26
[86] 2013-08-30 (PCT/US2013/057426)
[87] (WO2014/036345)
[30] US (61/694,968) 2012-08-30
[30] US (61/830,425) 2013-06-03

[21] **2,883,297**
[13] A1
[51] **Int.Cl. B64F 1/02 (2006.01) E01C 9/00 (2006.01)**
[25] EN
[54] **STABILIZED AGGREGATES AND OTHER MATERIALS AND STRUCTURES FOR PURPOSES INCLUDING, BUT NOT LIMITED TO, ENERGY ABSORPTION**
[54] **AGREGATS STABILISES ET AUTRES MATERIAUX ET STRUCTURES A DES FINS NON EXCLUSIVES D'ABSORPTION D'ENERGIE**
[72] VALENTINI, SYLVIA C., US
[72] LI, YOUHONG, US
[72] DOHERTY, SHAWN PATRICK, US
[71] ENGINEERED ARRESTING SYSTEMS CORPORATION, US
[85] 2015-02-26
[86] 2013-07-29 (PCT/US2013/052445)
[87] (WO2014/039179)
[30] US (13/604,787) 2012-09-06

[21] **2,883,298**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMBINING MULTIPLE RECOMMENDER SYSTEMS**
[54] **SYSTEME ET PROCEDE POUR COMBINER DE MULTIPLES SYSTEMES DE RECOMMANDATION**
[72] NAG, ABHIKESH, US
[72] ROBERTS, WILLIAM J. J., US
[72] SPOELSTRA, JACOB, US
[71] OPERA SOLUTIONS, LLC, US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056860)
[87] (WO2014/036007)
[30] US (61/693,563) 2012-08-27

[21] **2,883,299**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) A61L 2/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPENSING SANITIZER FLUID VIA DOOR HANDLES, AND RECORDING DATA PERTAINING TO HAND SANITIZATION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DISTRIBUER UN FLUIDE DESINFECTANT PAR L'INTERMEDIAIRE DE POIGNEES DE PORTE ET D'ENREGISTRER DES DONNEES QUI SE RAPPORTENT A LA DESINFECTION DES MAINS**
[72] OSHMYANSKY, ALEXANDER ROMAN, US
[72] MCKNIGHT, JACOB VINCENT, GB
[72] GILBERT, RICHARD JAMES, GB
[72] PATERSON, ADAM WILMORE, GB
[72] LAWS, MATTHEW DAVID, GB
[71] ALTITUDE MEDICAL INC., US
[85] 2015-02-26
[86] 2013-08-05 (PCT/US2013/053586)
[87] (WO2014/035610)
[30] US (61/693,827) 2012-08-28
[30] US (61/693,870) 2012-08-28

[21] **2,883,301**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATING OFF ACID GASES FROM A WATER-COMPRISING FLUID STREAM**
[54] **PROCEDE POUR SEPARER DES GAZ ACIDES D'UN COURANT DE FLUIDE CONTENANT DE L'EAU**
[72] KATZ, TORSTEN, DE
[72] BARTLING, KARSTEN, DE
[71] BASF SE, DE
[85] 2015-02-26
[86] 2013-08-19 (PCT/EP2013/067217)
[87] (WO2014/037214)
[30] US (61/696,827) 2012-09-05
[30] EP (12183132.5) 2012-09-05

[21] **2,883,303**
[13] A1
[51] **Int.Cl. A61K 39/008 (2006.01) C07K 1/113 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **EXPRESSION OF CHIMERIC KSAC PROTEIN AND METHOD OF PRODUCING SOLUBLE PROTEINS BY HIGH PRESSURE**
[54] **EXPRESSION D'UNE PROTEINE CHIMERE KSAC ET PROCEDE DE PRODUCTION DE PROTEINES SOLUBLES A HAUTE PRESSION**
[72] FISCHER, LAURENT BERNARD, FR
[72] CARBOULEC, NICOLAS PIERRE YVES, FR
[72] LUX, FABIEN, FR
[71] MERIAL, INC., US
[85] 2015-02-26
[86] 2013-08-30 (PCT/US2013/057430)
[87] (WO2014/036349)
[30] US (61/694,968) 2012-08-30
[30] US (61/830,425) 2013-06-03

[21] **2,883,305**
[13] A1
[51] **Int.Cl. H02J 3/36 (2006.01) H02J 1/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR POWER TRANSMISSION WITH CABLE SEGMENT FAILOVER SUPPORT**
[54] **SYSTEMES ET PROCEDES DE TRANSMISSION DE COURANT A SUPPORT DE BASCULEMENT DE SEGMENT DE CABLE**
[72] WIJEKOON, PINIWAN THIWANKA BANDARA, US
[72] SIHLER, CHRISTOF MARTIN, US
[72] SCHRAMM, SIMON HERBERT, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[85] 2015-02-26
[86] 2013-08-14 (PCT/US2013/054850)
[87] (WO2014/035666)
[30] US (13/600,556) 2012-08-31

[21] **2,883,306**
[13] A1
[51] **Int.Cl. C07D 221/14 (2006.01) A61K 31/473 (2006.01) C07D 209/92 (2006.01) C07D 217/24 (2006.01) C07D 265/26 (2006.01)**
[25] EN
[54] **LPA2 RECEPTOR-SPECIFIC BENZOIC ACID DERIVATIVES**
[54] **DERIVES DE L'ACIDE BENZOIQUE SPECIFIQUES AU RECEPTEUR LPA2**
[72] PATIL, RENUKADEVI, US
[72] FELLS, JAMES, US
[72] MILLER, DUANE, US
[72] TIGYI, GABOR, US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056911)
[87] (WO2014/036038)
[30] US (61/693,731) 2012-08-27

[21] **2,883,307**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01) G06F 17/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ORDERING RECOMMENDATIONS ACCORDING TO A MEAN/VARIANCE TRADEOFF**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE RECOMMANDATIONS EN FONCTION D'UN COMPROMIS ENTRE MOYENNE ET VARIANCE**
[72] ROBERTS, WILLIAM, J.J., US
[72] NAG, ABHIKESH, US
[71] OPERA SOLUTIONS, LLC, US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056882)
[87] (WO2014/036020)
[30] US (61/693,568) 2012-08-27

[21] **2,883,308**
[13] A1
[51] **Int.Cl. G05D 16/02 (2006.01) G05D 19/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROL OF INFRASOUND PRESSURES**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE PRESSIONS A INFRASONS**
[72] DOOLEY, KEVIN ALLAN, CA
[72] MORRIS, ELWOOD A., CA
[71] KEVIN ALLAN DOOLEY INC., CA
[85] 2015-02-26
[86] 2014-06-25 (PCT/CA2014/050601)
[87] (WO2015/021538)
[30] US (61/866,614) 2013-08-16

[21] **2,883,310**
[13] A1
[51] **Int.Cl. C23C 4/00 (2006.01) C23C 4/02 (2006.01) C23C 4/12 (2006.01) C23C 4/18 (2006.01)**
[25] EN
[54] **THERMAL BARRIER COATING SYSTEMS AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES DE REVETEMENT DE BARRIERE THERMIQUE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES DERNIERS**
[72] ROSENZWEIG, LARRY STEVEN, US
[72] RUUD, JAMES ANTHONY, US
[72] SIVARAMAKRISHNAN, SHANKAR, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-02-19
[86] 2013-08-01 (PCT/US2013/053183)
[87] (WO2014/035596)
[30] US (13/600,273) 2012-08-31

[21] **2,883,312**
[13] A1
[51] **Int.Cl. A61L 2/02 (2006.01) A23L 3/00 (2006.01) A23L 3/16 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENERGY BALANCE CONTROL FOR FEED FLOW AND FEED TEMPERATURE DISTURBANCES**
[54] **PROCEDES ET SYSTEMES DE COMMANDE D'EQUILIBRE ENERGETIQUE POUR DES PERTURBATIONS DE FLUX D'ALIMENTATION ET DE TEMPERATURE D'ALIMENTATION**
[72] CUMMINGS, DANIEL LOUIS, US
[71] NESTEC S.A., CH
[85] 2015-02-26
[86] 2013-09-20 (PCT/IB2013/058702)
[87] (WO2014/045237)
[30] US (61/704,705) 2012-09-24

[21] **2,883,313**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 7/00 (2006.01) H04L 9/06 (2006.01) G06N 99/00 (2010.01)**
[25] EN
[54] **MULTI-FACTOR AUTHENTICATION USING QUANTUM COMMUNICATION**
[54] **AUTHENTIFICATION A PLUSIEURS FACTEURS A L'AIDE D'UNE COMMUNICATION QUANTIQUE**
[72] HUGHES, RICHARD J., US
[72] PETERSON, CHARLES G., US
[72] THRASHER, JAMES T., US
[72] NORDHOLT, JANE E., US
[72] YARD, JON T., US
[72] NEWELL, RAYMOND T., US
[72] SOMMA, ROLANDO D., US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[85] 2015-02-26
[86] 2013-08-16 (PCT/US2013/055410)
[87] (WO2014/035696)
[30] US (61/695,190) 2012-08-30

[21] **2,883,315**
[13] A1
[51] **Int.Cl. B01J 23/89 (2006.01) B01J 21/08 (2006.01) B01J 32/00 (2006.01) B01J 35/08 (2006.01) B01J 37/02 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **CATALYST FOR PRODUCING HYDROCARBON FROM SYNGAS, METHOD FOR PRODUCING CATALYST, METHOD FOR REGENERATING CATALYST, AND METHOD FOR PRODUCING HYDROCARBON FROM SYNGAS**
[54] **CATALYSEUR POUR FABRICATION D'HYDROCARBURE A PARTIR D'UN GAZ DE SYNTHESE, PROCEDE DE FABRICATION AINSI QUE PROCEDE DE REGENERATION DE CATALYSEUR, ET PROCEDE DE FABRICATION D'HYDROCARBURE A PARTIR D'UN GAZ DE SYNTHESE**
[72] FUJIMOTO, KENICHIRO, JP
[72] YAMANE, NORIYUKI, JP
[71] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[85] 2015-02-25
[86] 2013-08-19 (PCT/JP2013/072083)
[87] (WO2014/034462)
[30] JP (2012-193221) 2012-09-03

[21] **2,883,316**
[13] A1
[51] **Int.Cl. C10M 141/10 (2006.01) C10M 161/00 (2006.01)**
[25] EN
[54] **QUATERNARY AMMONIUM SALT CONTAINING COMPOSITIONS THAT PROVIDE BALANCED DEPOSIT CONTROL AND WEAR PERFORMANCE WITHOUT SEAL COMPATIBILITY ISSUES**
[54] **COMPOSITIONS CONTENANT UN SEL D'AMMONIUM QUATERNAIRE QUI PERMETTENT UNE REGULATION DE DEPOT EQUILIBRE ET DES PERFORMANCES A L'USAGE SANS PROBLEMES DE COMPATIBILITE AVEC LES JOINTS D'ETANCHEITE**
[72] DAVIES, MARK C., GB
[72] DELBRIDGE, EWAN E., US
[72] GIESELMAN, MATTHEW D., US
[72] MORTON, COLIN J.H., GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2015-02-26
[86] 2013-08-19 (PCT/US2013/055519)
[87] (WO2014/042823)
[30] US (61/699,321) 2012-09-11

[21] **2,883,317**
[13] A1
[51] **Int.Cl. B65B 55/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COORDINATION OF ASEPTIC STERILIZATION AND ASEPTIC PACKAGE FILLING RATE**
[54] **PROCEDES ET SYSTEMES DE COORDINATION DE LA STERILISATION ASEPTIQUE ET DE LA VITESSE DE REMPLISSAGE ASEPTIQUE DE CONDITIONNEMENTS**
[72] CUMMINGS, DANIEL LOUIS, US
[71] NESTEC S.A., CH
[85] 2015-02-26
[86] 2013-09-20 (PCT/IB2013/058703)
[87] (WO2014/045238)
[30] US (61/704,709) 2012-09-24
[30] US (61/728,119) 2012-11-19

[21] **2,883,318**
[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G07F 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE TRANSACTION PROCESS VIA MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR SECURISER UN PROCESSUS TRANSACTIONNEL VIA UN DISPOSITIF MOBILE**
[72] NE'MAN, RAN, IL
[72] BEN-SHEMEN, SHMUEL, IL
[72] WEINER, AVISH JACOB, IL
[71] PING IDENTITY CORPORATION, US
[85] 2015-02-26
[86] 2012-08-26 (PCT/IL2012/050328)
[87] (WO2013/030832)
[30] US (61/529,258) 2011-08-31
[30] US (61/566,660) 2011-12-04

[21] **2,883,320**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/44 (2006.01) C07K 5/08 (2006.01) C07K 5/10 (2006.01) C07K 7/06 (2006.01) C12N 15/63 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **SMALL MOLECULES TARGETING REPEAT R(CGG) SEQUENCES**
[54] **MOLECULES PETITE TAILLE CIBLANT LES SEQUENCES R(CGG) REPETITIVES**
[72] DISNEY, MATTHEW D., US
[72] LIU, BIAO, US
[72] CHILDS-DISNEY, JESSICA L., US
[72] YANG, WANG-YONG, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2015-02-26
[86] 2013-08-30 (PCT/US2013/057515)
[87] (WO2014/036395)
[30] US (61/694,977) 2012-08-30

[21] **2,883,322**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **EXPANDABLE FRACTURE PLUG SEAT APPARATUS**
[54] **APPAREIL DE SIEGE DE BOUCHON DE FRACTURE EXTENSIBLE**
[72] NAEDLER, MARK H., US
[72] CARTER, DEREK L., US
[72] GOEDRICH, THOMAS A., US
[72] LANDRY, EDDY J., III, US
[71] UTEX INDUSTRIES, INC., US
[85] 2015-02-26
[86] 2013-08-22 (PCT/US2013/056185)
[87] (WO2014/039272)
[30] US (61/697,390) 2012-09-06
[30] US (13/971,254) 2013-08-20

[21] **2,883,323**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01)**
[25] EN
[54] **ALDEHYDE DERIVATIVE OF SUBSTITUTED OXAZOLIDINONES**
[54] **DERIVE ALDEHYDE D'OXALIDINONES SUBSTITUEES**
[72] NITIN, SHARADCHANDRA PRADHAN, IN
[72] NILESH, SUDHIR PATIL, IN
[72] RAJESH, RAMCHANDRA WALAVALKAR, IN
[72] NILESH, SUBHAS KULKARNI, IN
[72] SANDIP, BABANRAO PAWAR, IN
[72] TARAK, SAMBHAJI PAWAR, IN
[71] WANBURY LTD., IN
[85] 2015-02-26
[86] 2013-12-24 (PCT/IN2013/000801)
[87] (WO2014/102822)
[30] IN (3359/MUM/2012) 2012-12-26

[21] **2,883,324**
[13] A1
[51] **Int.Cl. B21D 5/04 (2006.01)**
[25] EN
[54] **DEVICE FOR BENDING SHEET MATERIAL**
[54] **DISPOSITIF POUR COURBER UN MATERIAU EN FEUILLE**
[72] GATCHELL, ROBERT W., US
[71] GATCHELL, ROBERT W., US
[85] 2015-02-26
[86] 2013-08-30 (PCT/US2013/057551)
[87] (WO2014/036418)
[30] US (13/599,787) 2012-08-30

[21] **2,883,326**
[13] A1
[51] **Int.Cl. A47C 7/44 (2006.01)**
[25] EN
[54] **RESILIENT CHAIR INCORPORATING MULTIPLE FLEX ZONES**
[54] **CHAISE ELASTIQUE INCORPORANT DE MULTIPLES ZONES FLEXIBLES**
[72] MININO, PHILLIP DAVID, US
[72] KOCH, JOHN R., US
[72] KOEPKE, MARCUS CURTIS, US
[72] SUSIE, COREY JOHN, US
[72] KOEPKE, MARTIN CALVIN, US
[71] HNI TECHNOLOGIES, INC., US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056918)
[87] (WO2014/036043)
[30] US (13/597,966) 2012-08-29

[21] **2,883,328**
[13] A1
[51] **Int.Cl. B03C 1/00 (2006.01)**
[25] EN
[54] **MAGNETIC REMOVAL OR IDENTIFICATION OF DAMAGED OR COMPROMISED CELLS OR CELLULAR STRUCTURES**
[54] **ELIMINATION MAGNETIQUE OU IDENTIFICATION DE CELLULES OU DE STRUCTURES CELLULAIRES ENDOMMAGEES OU COMPROMISES**
[72] KRUG, KRISTIE MARIE, US
[71] INGURAN, LLC, US
[85] 2015-02-26
[86] 2013-08-23 (PCT/US2013/056526)
[87] (WO2014/035840)
[30] US (61/694,756) 2012-08-29

[21] **2,883,329**
[13] A1
[51] **Int.Cl. A01K 1/12 (2006.01)**
[25] EN
[54] **MILKING DEVICE**
[54] **DISPOSITIF DE TRAITE**
[72] BRUMMEL, MARK, NL
[71] LELY PATENT N.V., NL
[85] 2015-02-26
[86] 2013-08-20 (PCT/NL2013/050606)
[87] (WO2014/042520)
[30] NL (2009464) 2012-09-14

[21] **2,883,330**
[13] A1
[51] **Int.Cl. D21C 1/02 (2006.01) C08H 7/00 (2011.01) C10L 5/00 (2006.01) C12P 7/10 (2006.01) C13K 13/00 (2006.01) D21C 3/06 (2006.01) D21H 11/02 (2006.01)**
[25] EN
[54] **PROCESSES AND APPARATUS FOR PRODUCING FERMENTABLE SUGARS, CELLULOSE SOLIDS, AND LIGNIN FROM LIGNOCELLULOSIC BIOMASS**
[54] **PROCEDES ET APPAREIL POUR PRODUIRE DES SUCRES FERMENTESCIBLES, DES SOLIDES CELLULOSIQUES ET DE LA LIGNINE A PARTIE D'UNE BIOMASSE LIGNOCELLULOSIQUE**
[72] RETSINA, THEODORA, US
[72] PYLKKANEN, VESA, US
[72] NELSON, KIMBERLY, US
[72] SZCZEPANIK, MARK, US
[72] SAMP, JAMES, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[85] 2015-02-26
[86] 2013-09-04 (PCT/US2013/058069)
[87] (WO2014/039560)
[30] US (61/696,360) 2012-09-04
[30] US (14/017,286) 2013-09-03

[21] **2,883,332**
[13] A1
[51] **Int.Cl. C07C 41/09 (2006.01) B01D 3/00 (2006.01) B01J 14/00 (2006.01) C07C 41/42 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF DME FROM CRUDE METHANOL**
[54] **PROCEDE DE PRODUCTION DE DME A PARTIR DE METHANOL BRUT**
[72] DAHL, PER JUUL, DK
[72] OSTERGAARD, JANNI, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2015-02-19
[86] 2013-08-14 (PCT/EP2013/066977)
[87] (WO2014/029672)
[30] EP (PCT/EP2012/066253) 2012-08-21

[21] **2,883,334**
[13] A1
[51] **Int.Cl. H02M 7/155 (2006.01) H02M 1/14 (2006.01) H02M 7/06 (2006.01)**
[25] EN
[54] **INTERLEAVED 12-PULSE RECTIFIER**
[54] **REDRESSEUR A 12 IMPULSIONS ENTRELACEES**
[72] BURGOS, ROLANDO, US
[71] ABB TECHNOLOGY AG, CH
[85] 2015-02-26
[86] 2013-09-05 (PCT/US2013/058138)
[87] (WO2014/039606)
[30] US (61/697,035) 2012-09-05

[21] **2,883,335**
[13] A1
[51] **Int.Cl. B65H 18/02 (2006.01) B65H 19/22 (2006.01)**
[25] EN
[54] **MANDREL CUPPING ASSEMBLY WITH OUTER GUIDE RING**
[54] **ENSEMBLE FORME D'ELEMENTS SEMI-SPHERIQUES DE MANDRIN COMPRENANT UN ANNEAU DE GUIDAGE EXTERNE**
[72] MELLIN, ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056704)
[87] (WO2014/035913)
[30] US (13/595,326) 2012-08-27

[21] **2,883,336**
[13] A1
[51] **Int.Cl. A61M 16/16 (2006.01)**
[25] EN
[54] **HUMIDIFICATION CHAMBER FOR A RESPIRATORY ASSISTANCE APPARATUS**
[54] **CHAMBRE D'HUMIDIFICATION POUR UN APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] KAT, ARJEN DAVID, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2015-02-26
[86] 2013-09-09 (PCT/NZ2013/000166)
[87] (WO2014/038968)
[30] US (61/697,980) 2012-09-07

[21] **2,883,338**
[13] A1
[51] **Int.Cl. B05B 11/00 (2006.01) B05B 7/00 (2006.01)**
[25] EN
[54] **HORIZONTAL PUMPS, REFILL UNITS AND FOAM DISPENSERS**
[54] **POMPES HORIZONTALES, UNITES DE RECHARGE ET DISTRIBUTEURS DE MOUSSE**
[72] MCNULTY, JOHN J., US
[72] CIAVARELLA, NICK E., US
[72] TEDEROUS, CORY J., US
[72] QUINLAN, ROBERT L., US
[71] GOJO INDUSTRIES, INC., US
[85] 2015-02-26
[86] 2013-08-28 (PCT/US2013/056964)
[87] (WO2014/036067)
[30] US (61/695,140) 2012-08-30
[30] US (61/719,618) 2012-10-29
[30] US (13/792,115) 2013-03-10

[21] **2,883,339**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/337 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NON-PEGYLATED LIPOSOMAL DOXORUBICIN COMBINATIONS FOR THE TREATMENT OF TRIPLE-NEGATIVE BREAST CANCER**
[54] **COMBINAISONS DE DOXORUBICINE LIPOSOMALE NON-PEGYLEE POUR TRAITER UN CANCER DU SEIN TRIPLE-NEGATIF**
[72] ROZENCWEIG, MARCEL, US
[72] GOLDFARB, RONALD H., US
[72] FORENZA, SALVATORE, US
[71] SOPHERION THERAPEUTICS, LLC, US
[85] 2015-02-26
[86] 2013-09-05 (PCT/US2013/058246)
[87] (WO2014/039668)
[30] US (61/697,110) 2012-09-05

[21] **2,883,341**
[13] A1
[51] **Int.Cl. B65H 18/02 (2006.01) B65H 19/22 (2006.01)**
[25] EN
[54] **MANDREL CUPPING ASSEMBLY WITH OUTER GUIDE RING**
[54] **ENSEMBLE FORME D'ELEMENTS SEMI-SPHERIQUES DE MANDRIN COMPRENANT UN ANNEAU DE GUIDAGE EXTERNE**
[72] MELLIN, ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-02-26
[86] 2013-08-27 (PCT/US2013/056708)
[87] (WO2014/035916)
[30] US (13/595,361) 2012-08-27

[21] **2,883,342**
[13] A1
[51] **Int.Cl. H04N 21/854 (2011.01) H04N 21/81 (2011.01) H04N 5/262 (2006.01) H04N 7/15 (2006.01)**
[25] EN
[54] **VIDEO CALL CENTER**
[54] **CENTRE D'APPELS VIDEO**
[72] WOLZIEN, THOMAS R., US
[71] WOLZIEN LLC, US
[85] 2015-02-19
[86] 2013-08-14 (PCT/US2013/054924)
[87] (WO2014/031408)
[30] US (13/589,643) 2012-08-20

[21] **2,883,343**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/10 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIBODY FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS D'ANTICORPS ET LEURS UTILISATIONS**
[72] BENEDICT, SUZANNE, US
[72] MANNING, MARK CORNELL, US
[72] MURPHY, BRIAN M., US
[72] REAL, SHARON, US
[72] THEUER, CHARLES, US
[71] TRACON PHARMACEUTICALS, INC., US
[85] 2015-02-26
[86] 2013-09-05 (PCT/US2013/058265)
[87] (WO2014/039682)
[30] US (61/697,111) 2012-09-05

[21] **2,883,344**
[13] A1
[51] **Int.Cl. C12M 1/12 (2006.01) C12M 3/06 (2006.01)**
[25] EN
[54] **LOW ORGANIC EXTRACTABLE DEPTH FILTER MEDIA PROCESSED WITH SOLVENT EXTRACTION METHOD**
[54] **SUPPORT DE FILTRE EN PROFONDEUR A BAS NIVEAU D'EXTRACTIBLES ORGANIQUES TRAITE PAR UN PROCEDE D'EXTRACTION PAR SOLVANT**
[72] CHENG, KWOK-SHUN, US
[72] SINGH, NRIPEN, US
[71] EMD MILLIPORE CORPORATION, US
[85] 2015-02-26
[86] 2013-06-06 (PCT/US2013/044550)
[87] (WO2013/184937)
[30] US (61/656,263) 2012-06-06
[30] US (61/664,999) 2012-06-27

[21] **2,883,345**
[13] A1
[51] **Int.Cl. G06F 19/26 (2011.01) G01W 1/00 (2006.01) G05D 1/00 (2006.01)**
[25] EN
[54] **A METHOD AND AN ON-BOARD SYSTEM FOR ENSURING THE MINIMUM LONGITUDINAL SEPARATION DISTANCE UNDER WAKE TURBULENCE CONDITIONS**
[54] **PROCEDE ET SYSTEME EMBARQUE ASSURANT DES DISTANCES MINIMALES D'ECHELONNAGE LONGITUDINAL DANS DES CONDITIONS DE TURBULENCES DE SILLAGE**
[72] ALEKSEEV, SERGEY VIKTOROVICH, RU
[72] BARANOV, NIKOLAY ALEKSEEVICH, RU
[72] BELOTSERKOVSKIY, ANDREI SERGEEVICH, RU
[72] KANEVSKIY, MIKHAIL IGOREVICH, RU
[71] FEDERAL STATE BUDGETARY INSTITUTION "FEDERAL AGENCY FOR LEGAL PROTECTION OF MILITARY, SPECIAL AMD DUAL USE INTELLECTUAL ACTIVITY RESULTS"(FSBI "FALPIAR"), RU
[71] ALEKSEEV, SERGEY VIKTOROVICH, RU
[71] BARANOV, NIKOLAY ALEKSEEVICH, RU
[71] BELOTSERKOVSKIY, ANDREI SERGEEVICH, RU
[71] KANEVSKIY, MIKHAIL IGOREVICH, RU
[85] 2015-02-25
[86] 2012-08-30 (PCT/RU2012/000717)
[87] (WO2014/035282)
[30] RU (2012136930) 2012-08-30

[21] **2,883,346**
[13] A1
[51] **Int.Cl. G02C 5/00 (2006.01) G02C 11/00 (2006.01)**
[25] EN
[54] **EYEGLASSES**
[54] **LUNETTES**
[72] ORAM, NANCY M., US
[71] ORAM, NANCY M., US
[85] 2015-02-26
[86] 2013-09-05 (PCT/US2013/058334)
[87] (WO2014/039725)
[30] US (61/697,139) 2012-09-05

[21] **2,883,347**
[13] A1
[51] **Int.Cl. A01N 43/06 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **AN ANTIBIOFILM AND METHODS FOR MAKING AND USING THE SAME**
[54] **ANTIBIOFILM ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] ADAMS, WILLIAM P., US
[72] DIGENIS, ALEXANDER G., US
[72] DIGENIS, GEORGE A., US
[72] DEVA, ANAND, AU
[71] GAAB, LLC, US
[85] 2015-02-26
[86] 2013-09-06 (PCT/US2013/058528)
[87] (WO2014/039832)
[30] US (61/697,947) 2012-09-07
[30] US (14/019,152) 2013-09-05

[21] **2,883,348**
[13] A1
[51] **Int.Cl. A61K 47/06 (2006.01) A61K 8/34 (2006.01) A61K 8/49 (2006.01) A61K 9/00 (2006.01) A61K 31/045 (2006.01) A61K 31/352 (2006.01) A61K 31/355 (2006.01)**
[25] EN
[54] **COMPANION COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES ALLANT DE PAIR**
[72] AUCLAIR, CHRISTIAN, FR
[72] STARCKMANN, REMI, CH
[72] PIRICONE, MELUCCIO, CH
[72] STARCKMANN, EDWARD, CH
[71] BIONOOX SUISSE SA, CH
[85] 2015-02-19
[86] 2013-08-20 (PCT/EP2013/067333)
[87] (WO2014/029780)
[30] EP (12181058.4) 2012-08-20

[21] **2,883,349**
[13] A1
[51] **Int.Cl. D21D 5/02 (2006.01)**
[25] EN
[54] **SCREENING APPARATUS, ROTOR, WING PACKAGE AND METHOD FOR MANUFACTURE**
[54] **APPAREIL DE TAMISAGE, ROTOR, ENSEMBLE A AILES ET PROCEDE POUR LA FABRICATION**
[72] BERGDAHL, ANDERS, SE
[72] LINDKVIST, DAVID, SE
[71] VALMET AB, SE
[85] 2015-02-25
[86] 2013-11-27 (PCT/SE2013/051402)
[87] (WO2014/084788)
[30] SE (1251345-3) 2012-11-28

[21] **2,883,350**
[13] A1
[51] **Int.Cl. A45D 20/12 (2006.01) A45D 20/10 (2006.01)**
[25] EN
[54] **CONCENTRATOR**
[54] **CONCENTRATEUR**
[72] RAGOSTA, MICHAEL A., US
[72] MEGLIO, BRUNO, US
[72] MARINO, CLAUDIO, US
[72] RICHMOND, DAVID, US
[72] RICHMOND, HOWARD, US
[71] M.M. & R. PRODUCTS, INC., US
[85] 2015-02-19
[86] 2013-08-23 (PCT/US2013/056427)
[87] (WO2014/031978)
[30] US (61/693,136) 2012-08-24
[30] US (13/673,706) 2012-11-09

[21] **2,883,352**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **WOUND CLOSURE DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS DE FERMETURE DE PLAIE ET PROCEDES D'UTILISATION**
[72] ROSENTHAL, MICHAEL H., US
[72] GONZALES, DONALD A., US
[71] MIMOSA MEDICAL, INC., US
[85] 2015-02-19
[86] 2013-09-05 (PCT/US2013/058224)
[87] (WO2014/039651)
[30] US (61/698,279) 2012-09-07
[30] US (61/710,516) 2012-10-05
[30] US (13/839,199) 2013-03-15

[21] **2,883,353**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **ANTAGONISTS OF CHEMOKINE RECEPTORS**
[54] **ANTAGONISTES DES RECEPTEURS DE CHIMIOKINE**
[72] CHEN, XI, US
[72] DRAGOLI, DEAN R., US
[72] FAN, PINGCHEN, US
[72] LI, YANDONG, US
[72] POWERS, JAY P., US
[72] PUNNA, SREENIVAS, US
[72] TANAKA, HIROKO, US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056796)
[87] (WO2014/035967)
[30] US (61/693,758) 2012-08-27
[30] US (61/831,694) 2013-06-06

[21] **2,883,354**
[13] A1
[51] **Int.Cl. H02M 7/483 (2007.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR RESTORING POWER CELL FUNCTIONALITY IN MULTI-CELL POWER SUPPLIES**
[54] **APPAREIL ET PROCEDES POUR RETABLIR LA FONCTIONNALITE DE CELLULE D'ALIMENTATION DANS DES ALIMENTATIONS ELECTRIQUES A MULTIPLES CELLULES**
[72] BOUSFIELD, JOHN CHANNING, III, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057281)
[87] (WO2014/036251)
[30] US (61/695,023) 2012-08-30
[30] US (14/010,621) 2013-08-27

[21] **2,883,355**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **TASK OPTIMIZATION IN REMOTE HEALTH MONITORING SYSTEMS**
[54] **OPTIMISATION DE TACHE DANS DES SYSTEMES DE SURVEILLANCE DE SANTE A DISTANCE**
[72] SARRAFZADEH, MAJID, US
[72] SUH, MYUNG-KYUNG, US
[72] LAN, MARS, US
[72] GHASEMZADEH, HASSAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-02-25
[86] 2013-08-27 (PCT/US2013/056901)
[87] (WO2014/036032)
[30] US (61/694,183) 2012-08-28

[21] **2,883,356**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD OF SELECTING INDIVIDUALIZED BRAIN CANCER THERAPY**
[54] **PROCEDE DE SELECTION D'UNE THERAPIE INDIVIDUALISEE DU CANCER DU CERVEAU**
[72] WESTERMARCK, JUKKA, FI
[72] KAUR, AMANPREET, FI
[71] TURUN YLIOPISTO, FI
[85] 2015-02-26
[86] 2013-08-29 (PCT/FI2013/050834)
[87] (WO2014/033367)
[30] FI (20125897) 2012-08-30

[21] **2,883,357**
[13] A1
[51] **Int.Cl. C10L 3/10 (2006.01) C07C 7/152 (2006.01)**
[25] EN
[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING HEAVY METALS FROM FLUIDS**
[54] **TRAITEMENT, PROCEDE ET SYSTEME D'ELIMINATION DE METAUX LOURDS PRESENTS DANS DES FLUIDES**
[72] O'REAR, DENNIS JOHN, US
[72] COOPER, RUSSELL EVAN, US
[72] SHEU, FENG-RAN, US
[72] BELUE, JORDAN TAYLOR, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057285)
[87] (WO2014/036253)
[30] US (61/694,926) 2012-08-30

[21] **2,883,358**
[13] A1
[51] **Int.Cl. H02J 3/14 (2006.01) G06Q 10/06 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **AUTOMATED DEMAND RESPONSE GATEWAY**
[54] **PASSERELLE AUTOMATISEE DE REPONSE A UNE DEMANDE**
[72] SONGKAKUL, PORNSAK, US
[72] SOZA, RICARDO, US
[72] PATTERSON, JOHN, US
[72] PAWLOWSKI, MICHAEL, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-02-26
[86] 2013-08-30 (PCT/US2013/057537)
[87] (WO2014/036408)
[30] US (13/601,244) 2012-08-31

[21] **2,883,359**
[13] A1
[51] **Int.Cl. G06T 17/00 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **HANDHELD DEVICE RENDERING OF PLANT MODEL PORTION BASED ON TASK**
[54] **RESTITUTION DE DISPOSITIF PORTATIF DE PARTIE DE MODELE D'INSTALLATION BASEE SUR UNE TACHE**
[72] MOHIDEEN, MOHAMMED IBRAHIM, US
[72] BROERS, BAS, US
[72] J., LOKANATHA REDDY, US
[72] RAMESH, SUSHMA, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2015-02-25
[86] 2013-08-28 (PCT/US2013/056996)
[87] (WO2014/039346)
[30] US (13/608,363) 2012-09-10

[21] **2,883,360**
[13] A1
[51] **Int.Cl. F24F 3/147 (2006.01) F24F 5/00 (2006.01) F24F 6/04 (2006.01)**
[25] EN
[54] **HYDRAULIC DEVICE AND EVAPORATIVE SYSTEM WITH SUCH A HYDRAULIC DEVICE**
[54] **DISPOSITIF HYDRAULIQUE ET SYSTEME D'EVAPORATION POURVU DE CE DERNIER**
[72] MUNZBERG, GERHARD, CH
[72] BLASER, PATRICK, CH
[72] HISCOCK, NEAL, GB
[72] GAUNT, MICHAEL, GB
[72] WHEELER, NATHANAEL, GB
[71] CONDAIR TECHNOLOGIE UND INNOVATION AG, CH
[85] 2015-02-27
[86] 2013-07-05 (PCT/CH2013/000119)
[87] (WO2014/056116)
[30] EP (12006951.3) 2012-10-08

[21] **2,883,361**
[13] A1
[51] **Int.Cl. B29C 70/38 (2006.01) B29C 33/68 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATED PLY LAYUP FOR COMPOSITES**
[54] **PROCEDES ET SYSTEMES DE CONFIGURATION AUTOMATISEE DE PLIS POUR COMPOSITES**
[72] SHAIR, SULTAN, DE
[72] O'FLYNN, JULIAN THOMAS, DE
[72] MESSMER, MATHIAS, DE
[72] WORTHOFF, FRANK, US
[72] OSTOJIC, MILE, DE
[72] VERMILYEA, MARK E., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-02-19
[86] 2013-07-29 (PCT/US2013/052450)
[87] (WO2014/035579)
[30] US (13/600,780) 2012-08-31

[21] **2,883,362**
[13] A1
[51] **Int.Cl. C05C 1/00 (2006.01) C05B 1/00 (2006.01) C05B 7/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR LIMITING THE USE OF AN AMMONIUM NITRATE FERTILIZER AS A PRECURSOR FOR AN EXPLOSIVE AND COMPOSITION THEREFOR**
[54] **PROCEDE PERMETTANT DE LIMITER L'UTILISATION D'UN ENGRAIS A BASE DE NITRATE D'AMMONIUM COMME PRECURSEUR POUR UN EXPLOSIF ET COMPOSITION S'Y RAPPORTANT**
[72] LEDOUX, FRANCOIS, FR
[72] DE MOOR, BART, NL
[71] YARA INTERNATIONAL ASA, NO
[85] 2015-02-27
[86] 2013-08-28 (PCT/EP2013/067800)
[87] (WO2014/033161)
[30] NO (20120975) 2012-08-29

[21] **2,883,366**
[13] A1
[51] **Int.Cl. A61F 7/00 (2006.01) A61H 39/06 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING TEMPERATURE IN PEDIATRIC SUBJECTS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE REGULATION DE LA TEMPERATURE CHEZ DES SUJETS PEDIATRIQUES**
[72] SHANLEY, PATRICK, US
[72] KULSTAD, ERIK, US
[71] ADVANCED COOLING THERAPY, LLC, US
[85] 2015-02-26
[86] 2013-09-04 (PCT/US2013/057973)
[87] (WO2014/039507)
[30] US (61/697,112) 2012-09-05

[21] **2,883,367**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) C25B 1/24 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CO-PRODUCTION OF CHEMICALS EMPLOYING THE RECYCLING OF A HYDROGEN HALIDE**
[54] **COPRODUCTION PAR VOIE ELECTROCHIMIQUE DE PRODUITS CHIMIQUES FAISANT APPEL AU RECYCLAGE D'UN HALOGENURE D'HYDROGENE**
[72] TEAMEY, KYLE, US
[72] KACZUR, JERRY J., US
[71] LIQUID LIGHT, INC., US
[85] 2015-02-27
[86] 2013-08-05 (PCT/US2013/053569)
[87] (WO2014/046792)
[30] US (61/703,187) 2012-09-19
[30] US (61/703,175) 2012-09-19
[30] US (61/703,232) 2012-09-19
[30] US (61/703,231) 2012-09-19
[30] US (61/703,238) 2012-09-19
[30] US (61/703,229) 2012-09-19
[30] US (61/703,234) 2012-09-19
[30] US (61/703,158) 2012-09-19
[30] US (61/720,670) 2012-10-31
[30] US (13/724,878) 2012-12-21

[21] **2,883,370**
[13] A1
[51] **Int.Cl. B05B 11/00 (2006.01) B65D 35/36 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **INVERTED SQUEEZE FOAMER**
[54] **DISTRIBUTEUR DE MOUSSE INVERSE A PRESSION**
[72] ARMINAK, ARMIN, US
[72] BAUGHMAN, GARY M., US
[72] LEE, YEN KEAN, US
[71] ARMINAK & ASSOCIATES, LLC, US
[85] 2015-02-27
[86] 2013-08-14 (PCT/US2013/054889)
[87] (WO2014/035669)
[30] US (61/695,525) 2012-08-31

[21] **2,883,373**
[13] A1
[51] **Int.Cl. A61L 31/16 (2006.01) A61L 15/44 (2006.01) A61L 15/46 (2006.01) A61L 15/58 (2006.01)**
[25] EN
[54] **CHLORHEXIDINE GLUCONATE COMPOSITIONS, RESIN SYSTEMS AND ARTICLES**
[54] **COMPOSITIONS DE GLUCONATE DE CHLORHEXIDINE, SYSTEMES DE RESINE ET ARTICLES**
[72] MENON, VINOD P., US
[72] RULE, JOSEPH D., US
[72] ROSS, RICHARD B., US
[72] CONRAD-VLASAK, DEENA M., US
[72] WLASCHIN, KATIE F., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-02-27
[86] 2013-08-27 (PCT/US2013/056823)
[87] (WO2014/035981)
[30] US (61/694,088) 2012-08-28

[21] **2,883,374**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR EXTRACTING AND RE-INJECTING ADIPOSE TISSUE**
[54] **APPAREIL D'EXTRACTION ET DE REINJECTION DE TISSU ADIPEUX**
[72] DAUVISTER, MARC, BE
[72] LELEU, DAVID, BE
[71] EUROMI S.A., BE
[85] 2015-02-27
[86] 2013-08-29 (PCT/EP2013/067887)
[87] (WO2014/033209)
[30] EP (12182191.2) 2012-08-29

[21] **2,883,375**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE**
[54] **DISPOSITIF CHIRURGICAL VIBRANT POUR L'ABLATION DE CORPS VITRE ET D'AUTRES TISSUS**
[72] MCCARY, BRIAN D., US
[72] GOH, TOH SENG, US
[72] PERKINS, JAMES TAYLOR, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2015-02-26
[86] 2013-09-06 (PCT/US2013/058533)
[87] (WO2014/039836)
[30] US (61/698,411) 2012-09-07

[21] **2,883,377**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/12 (2009.01) H04W 8/22 (2009.01) H04W 12/06 (2009.01) G06Q 30/02 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROACTIVE NOTIFICATIONS BASED ON THE LOCATION OF A USER**
[54] **PROCEDE ET APPAREIL POUR DES NOTIFICATIONS PROACTIVES EN FONCTION DE L'EMPLACEMENT D'UN UTILISATEUR**
[72] KANNAN, PALLIPURAM V., US
[72] MITRA, A. KRANTHI, IN
[72] ARJUNAN, SANTHOSH KUMAR, IN
[71] 24/7 CUSTOMER, INC., US
[85] 2015-02-27
[86] 2013-08-27 (PCT/US2013/056885)
[87] (WO2014/036023)
[30] US (61/694,451) 2012-08-29
[30] US (13/973,776) 2013-08-22

[21] **2,883,379**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61K 31/465 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **NICOTINE COMPOSITION**
[54] **COMPOSITION DE NICOTINE**
[72] HEARN, ALEX, GB
[72] LOWE, STUART BHIMSEN, GB
[72] GUPTA, RITIKA, GB
[72] MOYSES, CHRIS, GB
[71] KIND CONSUMER LIMITED, GB
[85] 2015-02-24
[86] 2013-08-23 (PCT/GB2013/052231)
[87] (WO2014/033437)
[30] GB (1215273.2) 2012-08-28

[21] **2,883,380**
[13] A1
[51] **Int.Cl. B65B 39/00 (2006.01) B67C 3/26 (2006.01)**
[25] EN
[54] **MULTI-HOLE FILLING NOZZLE AND COMPONENTS THEREOF**
[54] **BUSE DE REMPLISSAGE A TROUS MULTIPLES ET SES COMPOSANTS**
[72] GOUDY, ERIC SHAWN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-02-26
[86] 2013-09-10 (PCT/US2013/058900)
[87] (WO2014/046906)
[30] US (61/703,401) 2012-09-20
[30] US (61/713,696) 2012-10-15

[21] **2,883,381**
[13] A1
[51] **Int.Cl. A01C 1/00 (2006.01) A01C 1/02 (2006.01)**
[25] EN
[54] **METHODS TO DIFFERENTIATE AND IMPROVE GERMPLASM FOR SEED EMERGENCE UNDER STRESS**
[54] **PROCEDES PERMETTANT DE DIFFERENCIER ET D'AMELIORER LE GERMOPLASME POUR LA LA LEVEE DE SEMENCES EN CONDITIONS DE STRESS**
[72] SAAB, IMAD N., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2015-02-27
[86] 2013-08-28 (PCT/US2013/057062)
[87] (WO2014/036128)
[30] US (61/694,960) 2012-08-30
[30] US (61/782,911) 2013-03-14

[21] **2,883,383**
[13] A1
[51] **Int.Cl. A61M 39/20 (2006.01)**
[25] EN
[54] **ADAPTER CAP FOR DRUG TRANSFER ASSEMBLY**
[54] **CAPUCHON D'ADAPTATEUR POUR ENSEMBLE TRANSFERT DE MEDICAMENT**
[72] IVOSEVIC, MILAN, US
[71] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2015-02-26
[86] 2013-09-11 (PCT/US2013/059172)
[87] (WO2014/043183)
[30] US (61/699,457) 2012-09-11

[21] **2,883,385**
[13] A1
[51] **Int.Cl. A61K 31/501 (2006.01)**
[25] EN
[54] **MODULATING TRANSENDOTHELIAL MIGRATION AND RECRUITMENT OF GRANULOCYTES BY MODULATING C-MET PATHWAY**
[54] **MODULATION DE LA MIGRATION TRANSENDOTHELIALE ET DU RECRUTEMENT DE GRANULOCYTES PAR LA MODULATION DE LA VOIE C-MET**
[72] MAZZONE, MASSIMILIANO, BE
[72] FINISGUERRA, VERONICA, BE
[71] VIB VZM, BE
[71] LIFE SCIENCES RESEARCH PARTNERS VZW, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D, BE
[85] 2015-02-27
[86] 2013-09-02 (PCT/EP2013/068101)
[87] (WO2014/033298)
[30] US (61/695,952) 2012-08-31

[21] **2,883,386**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/472 (2006.01) A61K 31/4745 (2006.01) A61P 35/00 (2006.01) C07D 217/22 (2006.01)**
[25] EN
[54] **AMINOISOQUINOLINE DERIVATIVES AS PROTEIN KINASE INHIBITORS**
[54] **DERIVES D'AMINOISOQUINOLINE UTILISABLES EN TANT QU'INHIBITEURS DES PROTEINES KINASES**
[72] ZHANG, MINSHENG, US
[72] LIU, DONG, US
[72] LU, BIAO, CN
[71] ETERNITY BIOSCIENCE INC., US
[85] 2015-02-26
[86] 2013-09-12 (PCT/US2013/059362)
[87] (WO2014/043296)
[30] US (61/701,155) 2012-09-14

[21] **2,883,388**
[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01)**
[25] EN
[54] **MENTAL MODELING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MODELISATION MENTALE**
[72] BUTTE, GORDON, US
[72] THORNE, SARAH, CA
[72] FISCHHOFF, BARUCH, US
[71] DECISION PARTNERS, LLC, US
[85] 2015-02-27
[86] 2013-08-30 (PCT/US2013/057487)
[87] (WO2014/036386)
[30] US (61/695,545) 2012-08-31

[21] **2,883,389**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 8/02 (2006.01) A61K 8/97 (2006.01) A61K 9/00 (2006.01) A61K 47/00 (2006.01) A61P 15/16 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01) C08K 5/10 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS TOPIQUES ET PROCEDES D'UTILISATION**
[72] RESNICK, ELIZABETH, US
[72] RESNICK, ADAM, US
[72] RESNICK, LIONEL, US
[71] MIRACLE FRUIT OIL, L.L.C., US
[85] 2015-02-26
[86] 2013-09-12 (PCT/US2013/059374)
[87] (WO2014/043304)
[30] US (61/700,981) 2012-09-14

[21] **2,883,390**
[13] A1
[51] **Int.Cl. G01N 33/58 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **FLUORESCENCE-LABELLED FATTY ACIDS AND USES THEREOF**
[54] **ACIDES GRAS MARQUES PAR FLUORESCENCE ET LEURS UTILISATIONS**
[72] PETRY, STEFAN, DE
[72] NAZARE, MARC, DE
[72] SCHMIDT, THORSTEN, DE
[72] MATTER, HANS, DE
[71] SANOFI, FR
[85] 2015-02-27
[86] 2013-09-04 (PCT/EP2013/068275)
[87] (WO2014/037394)
[30] EP (12306069.1) 2012-09-06

[21] **2,883,391**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) A61K 49/00 (2006.01) B65D 85/816 (2006.01) G01F 19/00 (2006.01) G01N 24/00 (2006.01)**
[25] EN
[54] **CONTAINER WITH CONCENTRATED SUBSTANCE AND METHOD OF USING THE SAME**
[54] **RECIPIENT AYANT UNE SUBSTANCE CONCENTREE ET SON PROCEDE D'UTILISATION**
[72] HOLLANDER, SCOTT WAYNE, US
[72] TIMBERLAKE, JOEL ROBERT, US
[72] KADASH, MARJORY, US
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2015-02-27
[86] 2013-08-30 (PCT/US2013/057529)
[87] (WO2014/036402)
[30] US (13/599,045) 2012-08-30

[21] **2,883,392**
[13] A1
[51] **Int.Cl. C12N 11/00 (2006.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) C12N 5/079 (2010.01) A61K 35/545 (2015.01) A61K 35/12 (2015.01) A61K 35/50 (2015.01) A61L 27/38 (2006.01) C12N 5/00 (2006.01) C12N 11/08 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **METHODS OF TISSUE GENERATION**
[54] **PROCEDES DE GENERATION DE TISSUS**
[72] BHATIA, MOHIT B., US
[72] HARIRI, ROBERT J., US
[72] HOFGARTNER, WOLFGANG, US
[72] WANG, JIA-LUN, US
[72] YE, QIAN, US
[71] ANTHROGENESIS CORPORATION, US
[85] 2015-02-27
[86] 2013-09-03 (PCT/US2013/057803)
[87] (WO2014/039427)
[30] US (61/696,479) 2012-09-04

[21] **2,883,394**
[13] A1
[51] **Int.Cl. C11D 1/34 (2006.01) B08B 3/08 (2006.01) C11D 1/83 (2006.01) C11D 3/02 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING PHOSPHINOSUCCINIC ACID ADDUCTS AND METHODS OF USE**
[54] **COMPOSITION DE DETERGENT COMPRENANT DES PRODUITS D'ADDITION D'ACIDE PHOSPHINOSUCCINIQUE ET PROCEDES D'UTILISATION**
[72] SILVERNAIL, CARTER MARTIN, US
[72] OLSON, ERIK C., US
[71] ECOLAB USA INC., US
[85] 2015-02-27
[86] 2013-09-04 (PCT/US2013/058022)
[87] (WO2014/042932)
[30] US (13/614,020) 2012-09-13
[30] US (13/965,339) 2013-08-13

[21] **2,883,395**
[13] A1
[51] **Int.Cl. A61B 17/62 (2006.01) A61B 17/64 (2006.01)**
[25] EN
[54] **EXTERNAL FIXATOR**
[54] **FIXATEUR EXTERNE**
[72] JAY, RICHARD, US
[72] SMITH, JOSEPH J., US
[72] STORER, NORMAN G., III, US
[72] BARNITZ, JAMES C., US
[72] RELLO, MICHAEL J., US
[71] SOLANA SURGICAL, LLC, US
[85] 2015-02-27
[86] 2013-09-06 (PCT/US2013/058369)
[87] (WO2014/055202)
[30] US (61/697,662) 2012-09-06

[21] **2,883,396**
[13] A1
[51] **Int.Cl. G01S 19/24 (2010.01)**
[25] EN
[54] **GNSS SYSTEM AND METHOD USING UNBIASED CODE PHASE TRACKING WITH INTERLEAVED PSEUDO-RANDOM CODE**
[54] **SYSTEME GNSS ET PROCEDE UTILISANT UN SUIVI DE PHASE A CODE NON BIAISE COMPRENANT UN CODE PSEUDO-ALEATOIRE ENTRELACE**
[72] LIU, JUNJIE, US
[72] BADKE, BRADLEY P., US
[71] HEMISPHERE GNSS INC., US
[85] 2015-02-26
[86] 2013-09-16 (PCT/US2013/059957)
[87] (WO2014/092828)
[30] US (61/702,031) 2012-09-17
[30] US (13/966,142) 2013-08-13

[21] **2,883,398**
[13] A1
[51] **Int.Cl. C10G 45/00 (2006.01) C10G 7/00 (2006.01) C10G 9/00 (2006.01) C10G 11/00 (2006.01) C10G 57/00 (2006.01)**
[25] EN
[54] **CHARACTERIZATION OF PRE-REFINED CRUDE DISTILLATE FRACTIONS**
[54] **CARACTERISATION DE FRACTIONS DE DISTILLATION DE PETROLE BRUT PRERAFFINE**
[72] GAUGHAN, ROGER GRANT, US
[72] PETERS, ROBERT T., US
[72] SUTER, TIMOTHY D., US
[72] KNICKERBOCKER, BRYAN M., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-02-27
[86] 2013-09-10 (PCT/US2013/058848)
[87] (WO2014/043049)
[30] US (61/701,887) 2012-09-17

[21] **2,883,399**
[13] A1
[51] **Int.Cl. A61L 12/08 (2006.01) A61L 12/14 (2006.01)**
[25] EN
[54] **MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES**
[54] **REDUCTION AU MINIMUM DE DEPOTS LIPIDIQUES BIOLOGIQUES SUR DES LENTILLES DE CONTACT**
[72] LIU, X. MICHAEL, US
[72] CHINN, JOSEPH A., US
[72] GROBE, GEORGE L., US
[72] MAZIARZ, E. PETER, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2015-02-26
[86] 2013-09-24 (PCT/US2013/061416)
[87] (WO2014/058613)
[30] US (61/710,980) 2012-10-08

[21] **2,883,402**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) G01B 9/02 (2006.01)**
[25] EN
[54] **QUANTIFICATION OF LOCAL CIRCULATION WITH OCT ANGIOGRAPHY**
[54] **QUANTIFICATION DE CIRCULATION LOCALE AVEC ANGIOGRAPHIE OCT**
[72] HUANG, DAVID, US
[72] JIA, YALI, US
[72] TOKAYER, JASON, US
[72] TAN, OU, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2015-02-27
[86] 2013-09-10 (PCT/US2013/059047)
[87] (WO2014/040070)
[30] US (61/699,257) 2012-09-10
[30] US (61/799,502) 2013-03-15

[21] **2,883,405**
[13] A1
[51] **Int.Cl. C08L 23/02 (2006.01) C08L 25/16 (2006.01) C08L 33/04 (2006.01) C08L 33/08 (2006.01) C08L 33/10 (2006.01) C08L 91/06 (2006.01) C08L 95/00 (2006.01)**
[25] EN
[54] **UPGRADING PROPERTIES OF ASPHALTS WITH WAX**
[54] **AMELIORATION DES PROPRIETES DES ASPHALTES CONTENANT DE LA CIRE**
[72] KRIZ, PAVEL, CA
[72] SOKOL, KATHERINE LYNN, CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-02-27
[86] 2013-09-19 (PCT/US2013/060507)
[87] (WO2014/047229)
[30] US (13/623,271) 2012-09-20

[21] **2,883,407**
[13] A1
[51] **Int.Cl. C12P 1/04 (2006.01) C12N 1/20 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **RECOMBINANT MICROORGANISMS FOR PRODUCING ORGANIC ACIDS**
[54] **MICROORGANISMES RECOMBINES POUR LA PRODUCTION D'ACIDES ORGANIQUES**
[72] GUETTLER, MICHAEL, US
[72] HANCHAR, ROBERT, US
[72] KLEFF, SUSANNE, US
[72] JADHAV, SANCHIN, US
[71] THE MICHIGAN BIOTECHNOLOGY INSTITUTE, US
[85] 2015-02-27
[86] 2013-10-02 (PCT/US2013/063100)
[87] (WO2014/055670)
[30] US (61/708,998) 2012-10-02

[21] **2,883,408**
[13] A1
[51] **Int.Cl. E04B 2/82 (2006.01) E05D 15/26 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **PANEL SEAL SYSTEMS**
[54] **SYSTEMES DE JOINT D'ETANCHEITE DE PANNEAU**
[72] JONES, BRAD, US
[72] ALEXANDER, ARON K., US
[72] MIDDAUGH, PHIL, US
[72] MCDONOUGH, MARK J., US
[72] BURKE, ADAM, US
[72] BEELER, MIKE, US
[72] SCHUYLER, ROBERT, K., US
[72] WATSON, PHILLIP M., US
[72] PUCCIO, MATTHEW, US
[72] GOLDSMITH, THOMAS, L., US
[72] WELCH, BRYAN, T., US
[71] MODERNFOLD INC., US
[85] 2015-02-26
[86] 2013-03-13 (PCT/US2013/030747)
[87] (WO2014/039087)
[30] US (61/696,788) 2012-09-04
[30] US (61/697,195) 2012-09-05

[21] **2,883,410**
[13] A1
[51] **Int.Cl. G01V 1/09 (2006.01) G01V 1/133 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **METHOD OF OPTIMIZING SEISMIC VIBRATOR OUTPUT FORCE**
[54] **PROCEDE D'OPTIMISATION DE LA FORCE DE SORTIE D'UN VIBRATEUR SISMIQUE**
[72] PHILLIPS, THOMAS F., III, US
[72] EWERT, RUSS JAY, US
[71] INOVA LTD., KY
[85] 2015-02-27
[86] 2014-01-14 (PCT/US2014/011460)
[87] (WO2014/110565)
[30] US (61/752,166) 2013-01-14

[21] **2,883,411**
[13] A1
[51] **Int.Cl. B65B 13/02 (2006.01)**
[25] EN
[54] **BATTERY POWERED TENSIONING TOOL FOR STRAP**
[54] **OUTIL DE MISE SOUS TENSION ALIMENTE PAR BATTERIE POUR SANGLE**
[72] FIGIEL, JANUSZ, US
[72] KAUFMAN, MICHAEL J., US
[72] NASIATKA, JASON, US
[72] GARDNER, JOSEPH J., US
[72] BOSS, WALTER L., US
[71] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
[85] 2015-02-27
[86] 2013-08-28 (PCT/US2013/057134)
[87] (WO2014/036172)
[30] US (61/695,178) 2012-08-30
[30] US (61/745,180) 2012-12-21
[30] US (61/760,482) 2013-02-04
[30] US (13/933,981) 2013-07-02

[21] **2,883,418**
[13] A1
[51] **Int.Cl. E04G 11/48 (2006.01) E04B 1/35 (2006.01) E04B 1/38 (2006.01) E04B 5/32 (2006.01) E04G 17/16 (2006.01)**
[25] EN
[54] **A PANEL SUPPORT BRACKET**
[54] **PATTE DE SUPPORT DE PANNEAU**
[72] ROSATI, EMILIO, AU
[71] FORM 700 PTY LTD, AU
[85] 2015-02-27
[86] 2013-09-06 (PCT/AU2013/001002)
[87] (WO2014/036601)
[30] AU (2012903915) 2012-09-07

[21] **2,883,420**
[13] A1
[51] **Int.Cl. G02B 23/02 (2006.01) G01S 7/481 (2006.01) H02J 17/00 (2006.01)**
[25] EN
[54] **TELESCOPIC CONTROL OF HIGH POWER LASER PROPAGATION**
[54] **COMMANDE TELESCOPIQUE POUR PROPAGATION D'UN LASER A HAUTE PUISSANCE**
[72] THEBERGE, FRANCIS, CA
[72] DUBOIS, JACQUES, CA
[72] CHATEAUNEUF, MARC, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF THE DEPARTMENT OF NATIONAL DEFENCE, CA
[85] 2015-02-27
[86] 2012-09-10 (PCT/CA2012/050626)
[87] (WO2014/036628)

[21] **2,883,429**
[13] A1
[51] **Int.Cl. C08K 5/01 (2006.01) A01N 25/10 (2006.01) A01N 25/12 (2006.01) C08L 67/00 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DOUBLE ENCAPSULATION OF A VOLATILE COMPOUND**
[54] **COMPOSITIONS ET PROCEDES POUR ENCAPSULATION DOUBLE D'UN COMPOSE VOLATILE**
[72] LAO, CHRISTINE LIHONG, CN
[72] ZHANG, SHILING, CN
[72] BECKER, CHRISTIAN, US
[72] PANG, TAYLOR XIAOYI, CN
[72] SUN, TONG, CN
[72] YANG, XIUHAN GRACE, CN
[71] AGROFRESH INC., US
[85] 2015-02-27
[86] 2013-02-05 (PCT/CN2013/071362)
[87] (WO2014/040402)
[30] CN (PCT/CN2012/081468) 2012-09-17
[30] US (61/713,924) 2012-10-15

[21] **2,883,431**
[13] A1
[51] **Int.Cl. B29D 99/00 (2010.01) B29C 44/56 (2006.01) B29C 70/44 (2006.01) B29C 70/48 (2006.01) B29C 70/54 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A ROTOR BLADE AND A ROTOR BLADE OF A WIND TURBINE**
[54] **PROCEDE DE REALISATION D'UNE PALE DE ROTOR ET PALE DE ROTOR D'EOLIENNE**
[72] EYB, ENNO, DE
[71] SENVION SE, DE
[85] 2015-02-27
[86] 2013-08-01 (PCT/EP2013/066173)
[87] (WO2014/032901)
[30] DE (10 2012 107 932.3) 2012-08-28

[21] **2,883,434**
[13] A1
[51] **Int.Cl. C14B 17/02 (2006.01) B24B 45/00 (2006.01) F16H 55/12 (2006.01)**
[25] EN
[54] **A SCRAPING WHEEL, A SCRAPING ROLLER AND USE OF A SCRAPING WHEEL**
[54] **ROUE DE RACLAGE, ROULEAU DE RACLAGE ET UTILISATION D'UNE ROUE DE RACLAGE**
[72] PEDERSEN, KURT, DK
[71] JASOPELS A/S, DK
[85] 2015-02-27
[86] 2013-08-12 (PCT/EP2013/066789)
[87] (WO2014/032946)
[30] DK (PA 2012 70518) 2012-08-30

[21] **2,883,435**
[13] A1
[51] **Int.Cl. A01K 7/02 (2006.01)**
[25] EN
[54] **ANIMAL WATERING DEVICE**
[54] **DISPOSITIF D'ABREUVEMENT POUR ANIMAL**
[72] VAN DER POEL, HANS, SE
[72] TILLET, NICOLAS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2015-02-26
[86] 2013-10-14 (PCT/SE2013/051197)
[87] (WO2014/062120)
[30] SE (1251180-4) 2012-10-17
[30] US (61/714,809) 2012-10-17

[21] **2,883,436**
[13] A1
[51] **Int.Cl. H01F 27/14 (2006.01)**
[25] EN
[54] **PRESSURE COMPENSATOR**
[54] **COMPENSATEUR DE PRESSION**
[72] MISSING, KIM, FI
[72] VIRTANEN, ESA, FI
[71] ABB TECHNOLOGY AG, CH
[85] 2015-02-27
[86] 2013-08-23 (PCT/EP2013/067546)
[87] (WO2014/033063)
[30] EP (12182143.3) 2012-08-29

---

[21] **2,883,438**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/22 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FACILITATING SLEEVE GASTRECTOMY PROCEDURES**
[54] **DISPOSITIFS ET PROCEDES FACILITANT DES INTERVENTIONS DE GASTRECTOMIE LONGITUDINALE**
[72] TRIVEDI, M.D. AMIT, US
[71] COVIDIEN LP, US
[85] 2015-02-26
[86] 2013-10-17 (PCT/US2013/065368)
[87] (WO2014/062881)
[30] US (61/719,109) 2012-10-19

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] **2,877,014**
[13] A1
[51] **Int.Cl. A61F 2/88 (2006.01) A61F 2/82 (2013.01) A61F 2/86 (2013.01)**
[25] EN
[54] **FLEXIBLE STENT DESIGN**
[54] **CONCEPTION DE STENT SOUPLE**
[72] DONOVAN, RYAN, US
[72] MURALIDHARAN, PRASANNA, US
[72] OVERAKER, DAVID W., US
[72] MARREY, RAMESH, US
[72] BURGERMEISTER, ROBERT, US
[72] SHANLEY, JOHN F., US
[71] CORDIS CORPORATION, US
[22] 2010-02-02
[41] 2011-07-28
[62] 2,751,233
[30] US (61/149244) 2009-02-02

---

[21] **2,877,959**
[13] A1
[51] **Int.Cl. G05D 23/20 (2006.01) H01L 23/34 (2006.01) H05K 1/02 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR THERMAL STABILIZATION OF PCB-MOUNTED ELECTRONIC COMPONENTS WITHIN AN ENCLOSED HOUSING**
[54] **APPAREIL ET PROCEDE DE STABILISATION THERMIQUE DE COMPOSANTS ELECTRONIQUES MONTES SUR UNE CARTE IMPRIMEE A L'INTERIEUR D'UN BOITIER CLOS**
[72] BARRY, CHARLES F., US
[72] PARKER, REED A., US
[72] SHEN, TIAN, US
[72] PAN, FENG F., US
[72] SUBRAMANIAN, MEENAKSHI S., US
[71] JUNIPER NETWORKS, INC., US
[22] 2007-08-22
[41] 2008-02-28
[62] 2,661,385
[30] US (60/839,515) 2006-08-22

---

[21] **2,878,572**
[13] A1
[51] **Int.Cl. E21B 19/10 (2006.01)**
[25] EN
[54] **FLUSH MOUNTED SPIDER**
[54] **ARAIGNEE NON SURELEVEE**
[72] SHAHIN, DAVID, US
[72] HEIDECKE, KARSTEN, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-07-22
[41] 2004-02-05
[62] 2,809,161
[30] US (10/207,542) 2002-07-29

---

[21] **2,878,756**
[13] A1
[51] **Int.Cl. C08G 65/40 (2006.01) H01M 2/16 (2006.01) H01M 4/94 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **POLYMERS FOR USE IN FUEL CELL COMPONENTS**
[54] **POLYMERES UTILISES DANS DES COMPOSANTS DE PILE A COMBUSTIBLE**
[72] LALGUDI, RAMANATHAN S., US
[72] VIJAYENDRAN, BHIMA R., US
[72] CAFMEYER, JEFFREY, US
[72] SAYRE, JAY R., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2006-09-29
[41] 2007-04-12
[62] 2,624,452
[30] US (60/722,857) 2005-09-30
[30] US (60/731,441) 2005-10-28
[30] US (60/736,815) 2005-11-15
[30] US (60/748,658) 2005-12-08

---

[21] **2,878,764**
[13] A1
[51] **Int.Cl. B64C 21/10 (2006.01) B23P 15/00 (2006.01) B32B 3/08 (2006.01) B32B 37/00 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **FABRICATING AN ARRAY OF RIGID TIPPED RIBLETS**
[54] **FABRICATION D'UN RESEAU DE MICRO-NERVURES A BOUT RIGIDE**
[72] RAWLINGS, DIANE C., US
[72] MALONE, KEVIN R., US
[71] THE BOEING COMPANY, US
[22] 2010-01-28
[41] 2010-08-05
[62] 2,745,624
[30] US (12/361,840) 2009-01-29

---

[21] **2,880,385**
[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01) G01R 31/327 (2006.01) G06F 17/50 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REAL-TIME PROTECTIVE DEVICE EVALUATION IN AN ELECTRICAL POWER DISTRIBUTION SYSTEM**
[54] **SYSTEMES ET PROCEDES D'EVALUATION DE DISPOSITIFS DE PROTECTION EN TEMPS REEL DANS UN SYSTEME DE DISTRIBUTION D'ENERGIE ELECTRIQUE**
[72] NASLE, ADIB, US
[72] NASLE, ALI, US
[71] POWER ANALYTICS CORPORATION, US
[22] 2007-03-12
[41] 2007-09-20
[62] 2,646,423
[30] US (60/782,329) 2006-03-10
[30] US (60/806,215) 2006-06-29
[30] US (11/674,994) 2007-02-14

[21] **2,880,934**
[13] A1
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 9/10 (2006.01) B04C 5/04 (2006.01) B04C 5/185 (2006.01) B07B 7/08 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CONRAD, WAYNE ERNEST, CA
[71] GBD CORP., BS
[22] 2007-03-09
[41] 2007-09-20
[62] 2,813,498
[30] US (60/780,824) 2006-03-10

[21] **2,880,965**
[13] A1
[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01) C09C 3/04 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **PROCESS OF MANUFACTURING CO-GROUND CALCIUM CARBONATE WITH CERIA-CONTAINING ZIRCONIUM OXIDE BEADS**
[54] **PROCEDE DE FABRICATION DE CARBONATE DE CALCIUM CO-BROYE AVEC DES BILLES A OXYDE DE ZIRCONIUM CONTENANT DE L'OXYDE DE CERIUM**
[72] RAINER, CHRISTIAN, AT
[72] POHL, MICHAEL, AT
[71] OMYA INTERNATIONAL AG, CH
[22] 2006-09-12
[41] 2007-03-22
[62] 2,622,757
[30] EP (05077113.8) 2005-09-16

[21] **2,880,966**
[13] A1
[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01) C09C 3/04 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **PROCESS OF MANUFACTURING CO-GROUND CALCIUM CARBONATE**
[54] **PROCEDE DE FABRICATION DE CARBONATE DE CALCIUM CO-BROYE**
[72] RAINER, CHRISTIAN, AT
[72] POHL, MICHAEL, AT
[71] OMYA INTERNATIONAL AG, CH
[22] 2006-09-12
[41] 2007-03-22
[62] 2,622,757
[30] EP (05077113.8) 2005-09-16

[21] **2,881,125**
[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/08 (2006.01) F16L 15/08 (2006.01)**
[25] EN
[54] **REVERSE SLIDING SEAL FOR EXPANDABLE TUBULAR CONNECTIONS**
[54] **JOINT COULISSANT INVERSE POUR RACCORDS TUBULAIRES EXPANSIBLES**
[72] HASHEM, GHAZI J., US
[72] HARRALL, SIMON J., US
[72] RING, LEV M., US
[72] EVANS, MERLE E., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2006-08-09
[41] 2007-02-11
[62] 2,865,078
[30] US (11/201,499) 2005-08-11

[21] **2,881,146**
[13] A1
[51] **Int.Cl. B65H 23/16 (2006.01) B65H 23/26 (2006.01)**
[25] EN
[54] **DANCER ARM FOR CONSTANT TENSILE STRESSING**
[54] **BRAS DANSEUR POUR UNE TENSION DE TRACTION CONSTANTE**
[72] LENKL, JOHANNES, DE
[71] AVERY DENNISON CORPORATION, US
[22] 2006-12-08
[41] 2007-06-14
[62] 2,633,089
[30] DE (10 2005 058 964.2) 2005-12-09

[21] **2,881,183**
[13] A1
[51] **Int.Cl. C22C 21/10 (2006.01) C22F 1/053 (2006.01)**
[25] EN
[54] **HIGH STRENGTH AL-ZN ALLOY AND METHOD FOR PRODUCING SUCH AN ALLOY**
[54] **PRODUIT D'ALLIAGE AL-ZN A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION DE CE PRODUIT D'ALLIAGE AL-ZN**
[72] BENEDICTUS, RINZE, NL
[72] KEIDEL, CHRISTIAN JOACHIM, DE
[72] HEINZ, ALFRED LUDWIG, DE
[71] CORUS ALUMINIUM WALZPRODUKTE GMBH, DE
[22] 2004-04-09
[41] 2004-10-21
[62] 2,519,387
[30] EP (03076049.0) 2003-04-10

[21] **2,881,197**
[13] A1
[51] **Int.Cl. C02F 1/56 (2006.01) C02F 1/52 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE LOW ENVIRONMENTAL IMPACT DETACKIFIER**
[54] **ANTIADHESIF HAUTE PERFORMANCE AYANT UN FAIBLE IMPACT SUR L'ENVIRONNEMENT**
[72] MIKNEVICH, JOSEPH P., US
[72] SCHEIMANN, DAVID W., US
[71] NALCO COMPANY, US
[22] 2010-06-21
[41] 2011-01-13
[62] 2,762,858
[30] US (12/490,909) 2009-06-24

[21] **2,881,209**
[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01) B60F 5/00 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **A TRACK ASSEMBLY FOR AN ALL-TERRAIN VEHICLE**
[54] **CHENILLES POUR VEHICULE TOUT-TERRAIN**
[72] ZUCHOSKI, JEREMIE, CA
[72] BOISVERT, DENIS, CA
[71] CAMOPLAST SOLIDEAL INC., CA
[22] 2007-10-03
[41] 2009-04-03
[62] 2,606,039

[21] **2,881,212**
[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01) B60F 5/00 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK ASSEMBLY FOR AN ALL-TERRAIN VEHICLE**
[54] **CHENILLES POUR VEHICULE TOUT-TERRAIN**
[72] ZUCHOSKI, JEREMIE, CA
[72] BOISVERT, DENIS, CA
[71] CAMOPLAST SOLIDEAL INC., CA
[22] 2007-10-03
[41] 2009-04-03
[62] 2,606,039

[21] **2,881,263**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A23K 1/165 (2006.01) A23K 3/00 (2006.01) A23K 3/03 (2006.01) C12N 9/18 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **FERULATE ESTERASE PRODUCING STRAIN LACTOBACILLUS PLANTARUM LP678 AND METHODS OF USING SAME AS A SILAGE INOCULANT**
[54] **SOUCHE PRODUISANT DE LA FERULATE ESTERASE LACTOBACILLUS PLANTARUM LP678 ET PROCEDES D'UTILISATION DE CELLE-CI EN TANT QU'INOCULANT POUR ENSILAGE**
[72] NSEREKO, VICTOR, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA K., US
[72] SPIELBAUER, ANNETTE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2005-09-01
[41] 2006-03-09
[62] 2,578,238
[30] US (60/606,389) 2004-09-01

[21] **2,881,328**
[13] A1
[51] **Int.Cl. H04L 25/24 (2006.01) H04B 1/40 (2015.01) H04L 25/06 (2006.01)**
[25] EN
[54] **EMBEDDED POWER CONTROL IN A HIGH-SPEED CABLE**
[54] **COMMANDE DE PUISSANCE INCORPOREE DANS UN CABLE A HAUT DEBIT**
[72] KEADY, AIDAN GERARD, IE
[72] KEANE, JOHN ANTHONY, IE
[72] REA, JUDITH ANN, IE
[72] GRIFFIN, BENJAMIN, IE
[72] HORAN, JOHN MARTIN, IE
[71] SPECTRA7 MICROSYSTEMS (IRELAND) LIMITED, IE
[22] 2007-07-19
[41] 2008-05-08
[62] 2,664,597
[30] US (60/856,032) 2006-11-02
[30] US (60/858,353) 2006-11-13

[21] **2,881,427**
[13] A1
[51] **Int.Cl. F24F 13/32 (2006.01) F04D 29/64 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **HANGER ASSEMBLY**
[54] **ENSEMBLE DE SUSPENSION**
[72] ADRIAN, JOHN R., US
[72] MCDONALD, RICHARD G., US
[72] PENLESKY, ROBERT G., US
[72] JONAS, KENNETH J., US
[72] KARST, DANIEL L., US
[71] BROAN-NUTONE LLC, US
[22] 2006-01-13
[41] 2007-07-13
[62] 2,532,841

[21] **2,881,536**
[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01) A61P 37/02 (2006.01)**
[25] EN
[54] **USE OF LGG IN THE MANUFACTURE OF A MEDICAMENT FOR THE PREVENTION OR TREATMENT OF RESPIRATORY ALLERGIES**
[54] **UTILISATION DE LGG DANS LA FABRICATION D'UN MEDICAMENT DESTINE A LA PREVENTION OU AU TRAITEMENT D'ALLERGIES RESPIRATOIRES**
[72] HERZ, UDO, DE
[72] BLUEMER, NICOLE, DE
[72] GARN, HOLGER, DE
[72] RENZ, HARALD, DE
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 2006-03-22
[41] 2006-10-26
[62] 2,604,846
[30] US (11/106,792) 2005-04-15
[30] US (11/144,287) 2005-06-03

[21] **2,881,591**
[13] A1
[51] **Int.Cl. C23C 22/06 (2006.01)**
[25] EN
[54] **OFF-WHITE AND GRAY AUTODEPOSITION COATINGS**
[54] **REVETEMENTS PAR DEPOT AUTOMATIQUE GRISATRE ET GRIS**
[72] ABU-SHANAB, OMAR LUTFI, US
[72] AHMED, BASHIR, US
[72] SEKHARAN, MANESH NADUPPARAMBIL, US
[72] FRISTAD, WILLIAM E., US
[72] HERDZIK, NICOLAS, US
[71] HENKEL AG & CO. KGAA, DE
[22] 2007-09-18
[41] 2008-03-27
[62] 2,663,920
[30] US (60/845,322) 2006-09-18

[21] **2,881,594**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **CANCER VACCINE COMPOSITION**
[54] **COMPOSITION DE VACCIN CONTRE LE CANCER**
[72] SUGIYAMA, HARUO, JP
[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[22] 2008-12-05
[41] 2009-06-11
[62] 2,706,907
[30] JP (2007-314552) 2007-12-05

---

[21] **2,881,613**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EX VIVO ORGAN CARE**
[54] **SYSTEMES ET METHODES DE TRAITEMENT EX VIVO D'ORGANES**
[72] KYI, STANLEY, US
[72] HAVENER, ROBERT, US
[72] HASSANEIN, WALEED, US
[72] KHAYAL, TAMER, US
[72] SALEH, HESHAM, US
[72] FATTAH, IHAB ABDEL, US
[72] TRACHTENBERG, JON, US
[71] TRANSMEDICS, INC., US
[22] 2007-04-19
[41] 2007-11-01
[62] 2,649,703
[30] US (60/793,472) 2006-04-19

---

[21] **2,881,661**
[13] A1
[51] **Int.Cl. C04B 35/64 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONVERTING FUEL**
[54] **SYSTEMES ET PROCEDES DE CONVERSION DE COMBUSTIBLE**
[72] FAN, LIANG-SHIH, US
[72] GUPTA, PUNEET, US
[72] VELAZQUEZ VARGAS, LUIS GILBERTO, US
[72] LI, FANXING, US
[71] THE OHIO STATE UNIVERSITY, US
[22] 2007-01-12
[41] 2007-07-19
[62] 2,636,325
[30] US (60/758,424) 2006-01-12
[30] US (60/758,507) 2006-01-12
[30] US (60/808,928) 2006-05-26

---

[21] **2,882,050**
[13] A1
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 33/00 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **STATIC COF DIFFERENTIAL POLY FILM REAM WRAP**
[54] **MACULE POUR EMBALLAGE EN POLYFILM A DIFFERENTIEL DE COEFFICIENT DE FROTTEMENT (COF)**
[72] ARENT, WENDY L., US
[72] MUELLER, LOU ANN, US
[72] NOWAK, MICHAEL R., US
[71] COATING EXCELLENCE INTERNATIONAL, US
[22] 2003-12-30
[41] 2004-06-30
[62] 2,454,530
[30] US (10/331,298) 2002-12-30

---

[21] **2,882,148**
[13] A1
[51] **Int.Cl. C06B 31/30 (2006.01) C06B 21/00 (2006.01) C06B 23/00 (2006.01) C06B 31/28 (2006.01)**
[25] EN
[54] **EXPLOSIVE COMPOSITION COMPRISING HEAVY ANFO AND A PLANT DERIVED, INERT BULKING AND SENSITIZING ADDITIVE**
[54] **COMPOSITION EXPLOSIVE CONTENANT DU NITRATE-FUEL (ANFO) LOURD ET UN ADDITIF SENSIBILISATEUR ET GONFLANT INERTE DERIVE D'UNE PLANTE**
[72] WALDOCK, KEVIN H., AU
[71] WALDOCK, KEVIN H., AU
[22] 2004-01-28
[41] 2004-08-12
[62] 2,776,322
[30] US (10/248,550) 2003-01-28

---

[21] **2,882,443**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **RNAI PROBES TARGETING CANCER-RELATED PROTEINS**
[54] **SONDES D'ARN INTERFERANT CIBLANT DES PROTEINES EN RELATION AVEC LE CANCER**
[72] JANSEN, BURKHARD, CA
[72] GLEAVE, MARTIN E., CA
[72] SIGNAEVSKY, MAXIM, CA
[72] BERALDI, ELIANA, CA
[72] TROUGAKOS, IOANNIS P., GR
[72] GONOS, EFSTATHIOS S., GR
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[22] 2003-08-21
[41] 2004-03-04
[62] 2,494,766
[30] US (60/405,193) 2002-08-21
[30] US (60/408,152) 2002-09-03
[30] US (60/472,387) 2003-05-20

[21] **2,882,445**
[13] A1
[51] **Int.Cl. C07K 2/00 (2006.01) A61K 38/02 (2006.01) A61K 47/48 (2006.01) C07C 229/26 (2006.01) C07H 21/00 (2006.01) C07K 1/00 (2006.01) C07K 1/06 (2006.01) C07K 1/107 (2006.01) C07K 14/47 (2006.01) C07K 14/61 (2006.01) C07K 17/00 (2006.01) C12N 15/11 (2006.01) C12P 21/00 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING, METHODS INVOLVING, AND USES OF NON-NATURAL AMINO ACIDS AND POLYPEPTIDES**
[54] **COMPOSITIONS CONTENANT DES ACIDES AMINES ET POLYPEPTIDES NON NATURELS, PROCEDES METTANT EN JEU CEUX-CI ET UTILISATIONS DE CEUX-CI**
[72] MIAO, ZHENWEI, US
[72] LIU, JUNJIE, US
[72] NORMAN, THEA, US
[71] AMBRX, INC., US
[22] 2006-12-13
[41] 2007-06-21
[62] 2,631,491
[30] US (60/743,040) 2005-12-14
[30] US (60/743,041) 2005-12-14

[21] **2,882,469**
[13] A1
[51] **Int.Cl. A61B 17/94 (2006.01) A61B 17/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INTRA-ABDOMINALLY MOVING A FIRST INTERNAL ORGAN TO A POSITION AWAY FROM A SECOND INTERNAL ORGAN AND THEN HOLDING THE FIRST INTERNAL ORGAN IN THE POSITION WITHOUT MANUAL INPUT**
[54] **APPAREIL ET PROCEDE DESTINES A DEPLACER DE MANIERE INTRA-ABDOMINALE UN PREMIER ORGANE INTERNE JUSQU'A UNE POSITION ELOIGNEE D'UN SECOND ORGANE INTERNE, PUIS A MAINTENIR LE PREMIERORGANE INTERNE DANS LADITE POSITION SANS ENTREE MANUELLE**
[72] SCOTT, J. STEPHEN, US
[71] FREEHOLD SURGICAL, INC., US
[22] 2010-02-25
[41] 2010-09-02
[62] 2,753,257
[30] US (61/155,409) 2009-02-25

[21] **2,882,487**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **GENETIC POLYMORPHISMS ASSOCIATED WITH STROKE, METHODS OF DETECTION AND USES THEREOF**
[54] **POLYMORPHISMES GENETIQUES ASSOCIES A L'ACCIDENT VASCULAIRE CEREBRAL, PROCEDES DE DETECTION ET UTILISATIONS DE CES DERNIERS**
[72] LUKE, MAY, US
[72] DEVLIN, JAMES, US
[71] CELERA CORPORATION, US
[22] 2009-02-20
[41] 2009-08-27
[62] 2,716,368
[30] US (61/066,584) 2008-02-20

[21] **2,882,501**
[13] A1
[51] **Int.Cl. C12N 9/24 (2006.01) A61K 38/47 (2006.01) A61K 38/51 (2006.01) C07K 1/14 (2006.01) C07K 1/34 (2006.01) C12N 9/00 (2006.01) C12N 9/10 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **A PROCESS FOR CONCENTRATION OF A POLYPEPTIDE**
[54] **PROCEDE DE CONCENTRATION D'UN POLYPEPTIDE**
[72] NILSSON, STEFAN, SE
[71] ZYMENEX A/S, DK
[22] 2007-04-04
[41] 2007-10-11
[62] 2,644,642
[30] DK (PA200600488) 2006-04-04
[30] DK (PA200600922) 2006-07-05

[21] **2,882,514**
[13] A1
[51] **Int.Cl. A61B 5/1495 (2006.01)**
[25] EN
[54] **REAL-TIME SELF-CALIBRATING SENSOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CAPTEUR AUTO-CALIBRANT EN TEMPS REEL**
[72] WANG, LU, US
[72] SHAH, RAJIV, US
[72] MORGAN, WAYNE A., US
[72] KEENAN, BARRY, US
[71] MEDTRONIC MINIMED, INC., US
[22] 2006-12-21
[41] 2007-07-12
[62] 2,633,326
[30] US (11/323,216) 2005-12-30

[21] **2,882,518**
[13] A1
[51] **Int.Cl. B67D 1/04 (2006.01) B67D 7/36 (2010.01) B67D 7/42 (2010.01) B67D 7/72 (2010.01) B67D 7/74 (2010.01) B67D 7/80 (2010.01) B67D 1/08 (2006.01) G01F 22/02 (2006.01) G01D 5/32 (2006.01)**
[25] EN
[54] **LIQUID FOOD DISPENSER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE NOURRITURES LIQUIDES**
[72] DOELMAN, TIMOTHY PETER, US
[72] BAXTER, VINCENT A., US
[71] FAIR OAKS FARMS BRANDS, INC., US
[22] 2007-07-06
[41] 2008-01-10
[62] 2,656,708
[30] US (60/819,178) 2006-07-07
[30] US (60/912,626) 2007-04-18

[21] **2,882,610**
[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61C 17/00 (2006.01) A61Q 11/00 (2006.01) C09K 11/02 (2006.01)**
[25] EN
[54] **PRODUCTS AND METHODS FOR DISCLOSING CONDITIONS IN THE ORAL CAVITY**
[54] **PRODUITS ET PROCEDES POUR REVELER DES CONDITIONS DANS LA CAVITE BUCCALE**
[72] SAGEL, PAUL ALBERT, US
[72] DIXON, CLOYD, JR., US
[72] KUNATH, IVO, DE
[72] HAAS, MARTIN, DE
[72] STOERKEL, JEN UWE, DE
[72] TSCHOL, ARMIN ANDREAS, AT
[72] ZIMMERMANN, LUCY ABIGAIL, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2007-11-12
[41] 2008-05-22
[62] 2,669,514
[30] US (60/858,504) 2006-11-13
[30] US (60/932,880) 2007-06-01

[21] **2,882,794**
[13] A1
[51] **Int.Cl. G06F 11/32 (2006.01) G06F 1/20 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTER EQUIPMENT MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR GESTION D'EQUIPEMENT INFORMATIQUE**
[72] SAWCZAK, STEPHEN D., US
[72] KOMLENIC, TODD, US
[72] ADAMS, MICHAEL, US
[71] THE PNC FINANCIAL SERVICES GROUP, INC., US
[22] 2009-02-13
[41] 2009-08-20
[62] 2,718,733
[30] US (61/065,935) 2008-02-15

[21] **2,882,796**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01) G06F 15/18 (2006.01) H02B 15/00 (2006.01) H02J 3/00 (2006.01)**
[25] EN
[54] **REAL-TIME PREDICTIVE SYSTEMS FOR INTELLIGENT ENERGY MONITORING AND MANAGEMENT OF ELECTRICAL POWER NETWORKS**
[54] **SYSTEMES PREDICTIFS EN TEMPS REEL POUR LA SURVEILLANCE D'ENERGIE ET LA GESTION INTELLIGENTES DE RESEAUX D'ALIMENTATION ELECTRIQUE**
[72] NASLE, ADIB, US
[71] POWER ANALYTICS CORPORATION, US
[22] 2008-05-15
[41] 2009-02-12
[62] 2,684,665
[30] US (60/938,324) 2007-05-16
[30] US (11/777,121) 2007-07-12

[21] **2,882,824**
[13] A1
[51] **Int.Cl. E05B 51/02 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM FOR PNEUMATIC DIFFERENTIAL ENGINE FOR POWER-OPERATED DOORS**
[54] **MECANISME DE VERROUILLAGE DESTINE A UN MOTEUR A DIFFERENTIEL PNEUMATIQUE DE PORTES ELECTROPNEUMATIQUES**
[72] PLAVNIK, GENNADY, US
[72] GOLEMIS, FRANK, US
[72] O'NEILL, MICHAEL, US
[72] GRIFFIS, DAVID C., US
[72] HEIDRICH, PETER, US
[71] WABTEC HOLDING CORP., US
[22] 2008-05-01
[41] 2008-11-13
[62] 2,685,951
[30] US (60/927,418) 2007-05-03

[21] **2,882,830**
[13] A1
[51] **Int.Cl. G01N 27/416 (2006.01)**
[25] EN
[54] **GATED VOLTAMMETRY**
[54] **VOLTAMPEROMETRIE COMMANDEE**
[72] WU, HUAN-PING, US
[71] BAYER HEALTHCARE LLC, US
[22] 2006-09-11
[41] 2007-04-12
[62] 2,623,480
[30] US (60/722,584) 2005-09-30

[21] **2,882,857**
[13] A1
[51] **Int.Cl. A61C 13/007 (2006.01) A61C 13/20 (2006.01) A61C 13/267 (2006.01) A61K 6/087 (2006.01)**
[25] EN
[54] **DENTAL PRODUCT, KIT, SYSTEM AND METHOD**
[54] **PRODUIT DENTAIRE, KIT, SYSTEME ET PROCEDE**
[72] LICHKUS, ANDREW M., US
[72] SCHIFFER JR., WILLIAM JAMES, US
[72] NALBONE, CRAIG L., US
[72] DECAVALCANTE, MICHAEL L., US
[71] DENTSPLY INTERNATIONAL INC., US
[22] 2000-07-26
[41] 2001-02-08
[62] 2,764,290
[30] US (09/362,364) 1999-07-28

[21] **2,882,905**
[13] A1
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/10 (2006.01)**
[25] EN
[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**
[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**
[72] KRAUSE, HANS-JUERGEN, DE
[72] BAUST, LISA, DE
[72] DICKES, MICHAEL, DE
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2003-08-15
[41] 2004-02-26
[62] 2,872,089
[30] US (10/222,140) 2002-08-16

[21] **2,882,907**
[13] A1
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01)**
[25] EN
[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**
[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**
[72] KRAUSE, HANS-JUERGEN, DE
[72] BAUST, LISA, DE
[72] DICKES, MICHAEL, DE
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2003-08-15
[41] 2004-02-26
[62] 2,872,089
[30] US (10/222,140) 2002-08-16

[21] **2,882,912**
[13] A1
[51] **Int.Cl. H04N 21/2347 (2011.01) H04N 19/61 (2014.01) H04L 9/08 (2006.01)**
[25] EN
[54] **ENCRYPTION/DECRYPTION OF PROGRAM DATA BUT NOT PSI DATA**
[54] **CHIFFREMENT/DECHIFFREMENT DE DONNEES DE PROGRAMMES A L'EXCEPTION DES INFORMATIONS SPECIFIQUES PROGRAMME**
[72] LEWIS, RICHARD, US
[72] HAUGE, RAYMOND C., US
[72] TURNER, RUDOLF, US
[71] ZENITH ELECTRONICS CORPORATION, US
[22] 2006-05-18
[41] 2006-11-30
[62] 2,609,505
[30] US (11/137,272) 2005-05-25
[30] US (11/342,460) 2006-01-30
[30] US (11/342,479) 2006-01-30
[30] US (11/343,060) 2006-01-30
[30] US (11/342,472) 2006-01-31

[21] **2,882,928**
[13] A1
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 74/08 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **MULTI-DETECTION OF HEARTBEAT TO REDUCE ERROR PROBABILITY**
[54] **MULTIDETECTION DE BATTEMENTS DE COEUR SERVANT A REDUIRE LA PROBABILITE D'ERREURS**
[72] PROCTOR, JAMES A., JR., US
[71] INTEL CORPORATION, US
[22] 2002-06-13
[41] 2002-12-19
[62] 2,670,758
[30] US (60/297,925) 2001-06-13
[30] US (60/297,987) 2001-06-13
[30] US (09/997,621) 2001-11-29
[30] US (60/378,903) 2002-05-07
[30] US (10/171,378) 2002-06-12

[21] **2,882,931**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01) A61K 47/34 (2006.01)**
[25] EN
[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**
[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**
[72] KRAUSE, HANS-JUERGEN, DE
[72] BAUST, LISA, DE
[72] DICKES, MICHAEL, DE
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2003-08-15
[41] 2004-02-26
[62] 2,872,089
[30] US (10/222,140) 2002-08-16

[21] **2,882,934**
[13] A1
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/04 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**
[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**
[72] KRAUSE, HANS-JUERGEN, DE
[72] BAUST, LISA, DE
[72] DICKES, MICHAEL, DE
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2003-08-15
[41] 2004-02-26
[62] 2,872,089
[30] US (10/222,140) 2002-08-16

[21] **2,883,036**
[13] A1
[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/122 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/593 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LOSSLESS ENCODING AND DECODING**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DECODAGE SANS PERTE**
[72] LEE, YUNG-LYUL, KR
[72] HAN, KI-HOON, KR
[72] LEE, YUNG-KI, KR
[71] SEJONG INDUSTRY-ACADEMY COOPERATION FOUNDATION, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2005-06-07
[41] 2005-12-22
[62] 2,569,625
[30] KR (10-2004-0041399) 2004-06-07
[30] KR (10-2004-0058349) 2004-07-26

[21] **2,883,047**
[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/126 (2014.01) H04N 19/134 (2014.01) H04N 19/176 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION VECTOR DETERMINATION IN VIDEO ENCODING OR DECODING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2012-11-08
[41] 2013-05-16
[62] 2,854,887
[30] US (61/557,133) 2011-11-08

[21] **2,883,050**
[13] A1
[51] **Int.Cl. H04N 19/58 (2014.01) H04N 19/176 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION VECTOR DETERMINATION IN VIDEO ENCODING OR DECODING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2012-11-08
[41] 2013-05-16
[62] 2,854,887
[30] US (61/557,133) 2011-11-08

[21] **2,883,096**
[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/258 (2011.01) H04N 21/40 (2011.01) H04N 21/45 (2011.01) H04N 21/4725 (2011.01)**
[25] EN
[54] **CLIENT-SERVER ELECTRONIC PROGRAM GUIDE**
[54] **GUIDE DE PROGRAMMES ELECTRONIQUE CLIENT-SERVEUR**
[72] ELLIS, MICHAEL D., US
[72] LEMMONS, THOMAS R., US
[72] THOMAS, WILLIAM L., US
[71] UNITED VIDEO PROPERTIES, INC., US
[22] 1999-08-20
[41] 2000-03-02
[62] 2,707,808
[30] US (60/097,538) 1998-08-21
[30] US (09/374,043) 1999-08-13

[21] **2,883,125**
[13] A1
[51] **Int.Cl. H04N 19/126 (2014.01) H04N 19/159 (2014.01) H04N 19/172 (2014.01) H04N 19/176 (2014.01) H04N 19/52 (2014.01)**
[25] EN
[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**
[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[71] FUJITSU LIMITED, JP
[22] 2012-05-30
[41] 2012-12-15
[62] 2,778,486
[30] JP (2011-133383) 2011-06-15

[21] **2,883,244**
[13] A1
[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/126 (2014.01)**
[25] EN
[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**
[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[71] FUJITSU LIMITED, JP
[22] 2012-05-30
[41] 2012-12-15
[62] 2,778,486
[30] JP (2011-133383) 2011-06-15

[21] **2,883,363**
[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/34 (2014.01) H04N 19/44 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION VECTOR DETERMINATION IN VIDEO ENCODING OR DECODING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2012-11-08
[41] 2013-05-16
[62] 2,854,887
[30] US (61/557,133) 2011-11-08

Index of Canadian Patents Issued

March 17, 2015

Index des brevets canadiens délivrés

17 mars 2015

Index of Canadian Patents Issued
March 17, 2015

Index of Canadian Patents Issued
March 17, 2015

Index des brevets canadiens délivrés
17 mars 2015

Index of Canadian Patents Issued
March 17, 2015

Index des brevets canadiens délivrés
17 mars 2015

Index of Canadian Patents Issued
March 17, 2015

Index des brevets canadiens délivrés
17 mars 2015

Index of Canadian Patents Issued
March 17, 2015

Index des brevets canadiens délivrés
17 mars 2015

Index of Canadian Patents Issued
March 17, 2015

Index of Canadian Applications Open to Public Inspection

March 1, 2015 to March 7, 2015

Index des demandes canadiennes mises à la disponibilité du public

1 mars 2015 au 7 mars 2015

Index of Canadian Applications Open to Public Inspection
March 1, 2015 to March 7, 2015

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

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