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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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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

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Avis

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

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

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

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

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

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

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

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

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

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

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

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

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

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

Preliminary Examination

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

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

* International fees will be reduced by:

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

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

Examen préliminaire

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

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

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

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

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

Provincial and Territorial Holidays

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

Jours fériés provinciaux ou territoriaux

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

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

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

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

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

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

14. Practice Notice

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

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

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

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

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

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

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

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

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

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

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

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

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

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

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

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

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

15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the Fee Payment Form.

15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le formulaire de paiements.

1. Designated Establishments

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

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

2. Industry Canada
   5 Place Ville-Marie, Suite 700
   Montreal QC H3B 2G2
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

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

1. Établissements désignés

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

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

2. Industrie Canada
   5, Place Ville-Marie, pièce 700
   Montréal (Québec) H3B 2G2
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

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

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

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

2. Registered Mail Service of Canada Post

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

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

2. Service Courrier recommandé de Postes Canada

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

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

3. Electronic Correspondence

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

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

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

3. Correspondance électronique

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

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

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

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

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

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

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

3.1 Facsimile

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

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

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

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

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

Patents

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

3.2 Online

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

3.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

3.2 En ligne

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

Patents

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

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

Brevets

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trade-marks

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

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

Marques de commerce

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

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

Copyrights

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

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

Droits d'auteur

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

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

Industrial Designs

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

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

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

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

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

3.3 Supports électroniques

Brevets

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

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

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

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

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

Canada as Receiving Office Under the PCT: PCT-EASY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.
The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

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

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

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

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

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

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.
Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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

TIFF Format:

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

PDF Format:

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

ASCII Format:

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

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

Format TIFF :

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

Format PDF :

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

Format ASCII :

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

Industrial Design

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

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

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Dessins industriels

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

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

Format TIFF :

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

Photographs in JPEG Format:

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

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

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

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 August 20, 2013 contains applications open to public inspection from August 4, 2013 to August 10, 2013.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 20 août 2013 contient les demandes disponibles au public pour consultation pour la période du 4 août 2013 au 10 août 2013.

Canadian Patents Issued

August 20, 2013

Brevets canadiens délivrés

20 août 2013

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[11] **2,195,335**
[13] C
[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/078 (2010.01)**
[25] EN
[54] **HUMAN MARROW STROMAL CELL LINES WHICH SUSTAIN HEMATOPOIESIS**
[54] **LIGNEES CELLULAIRES STROMALES DE LA MOELLE HUMAINE ENTRETENANT L'HEMATOPOIESE**
[72] TOROK-STORB, BEVERLY, US
[72] ROECKLEIN, BRYAN A., US
[72] JOHNSON, GRETCHEN, US
[73] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 1997-01-16
[86] 1995-07-20 (PCT/US1995/009301)
[87] (WO1996/002662)
[30] US (08/277,883) 1994-07-20

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[11] **2,314,482**
[13] C
[51] **Int.Cl. C08L 77/00 (2006.01) A61F 13/15 (2006.01) C08L 29/04 (2006.01) C08L 67/00 (2006.01) C08L 101/00 (2006.01) C09J 129/04 (2006.01) C09J 167/00 (2006.01) C09J 177/00 (2006.01) C08L 91/06 (2006.01)**
[25] EN
[54] **THERMOPLASTIC COMPOSITIONS COMPRISING CRYSTALLINE WATER SOLUBLE POLYMERS AND AMORPHOUS WATER SENSITIVE POLYMERS**
[54] **COMPOSITIONS THERMOPLASTIQUES COMPRENANT DES POLYMERES CRISTALLINS SOLUBLES DANS L'EAU ET DES POLYMERES AMORPHES SENSIBLES A L'EAU**
[72] AHMED, SHARF U., US
[72] EMIRU, ANDUALEM, US
[72] CLAPP, LESLIE J., US
[72] KROLL, MARK S., US
[72] VAN LITH, GREG J., US
[73] H.B. FULLER LICENSING & FINANCING, INC., US
[85] 2000-06-12
[86] 1998-11-18 (PCT/US1998/024764)
[87] (WO1999/035189)
[30] US (60/070,831) 1998-01-08
[30] US (09/195,335) 1998-11-18

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[11] **2,374,232**
[13] C
[51] **Int.Cl. B05B 9/03 (2006.01) B05B 7/00 (2006.01) B05B 7/04 (2006.01) B05B 7/24 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN AEROSOL**
[54] **PROCEDE DE PRODUCTION D'UN AEROSOL**
[72] ROSELL, JOAN, US
[72] GANAN-CALVO, ALFONSO, ES
[73] ARADIGM CORPORATION, US
[73] UNIVERSIDAD DE SEVILLA, ES
[85] 2001-11-26
[86] 2000-06-09 (PCT/US2000/015931)
[87] (WO2000/076673)
[30] US (60/138,698) 1999-06-11

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[11] **2,398,723**
[13] C
[51] **Int.Cl. A61K 38/51 (2006.01) A61K 9/00 (2006.01) A61K 31/355 (2006.01) A61K 38/54 (2006.01) A61K 47/22 (2006.01) A61K 47/46 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING CARRIERS FOR PRODUCTS BASED ON VITAMIN-E, PAPAIN AND HYALURONIDASE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES TRANSPORTEURS DE PRODUITS A BASE DE VITAMINE E, DE PAPAINE ET D'HYALURONIDASE**
[72] SANTANA, CRISTIANO ALBERTO RIBEIRO, BR
[72] DE NUCCI, GILBERTO, BR
[72] FALCI, MARCIO, BR
[73] TOPIC EMPREENDIMENTOS E PARTICIPACOES S/C LTDA., BR
[85] 2002-07-26
[86] 2001-01-25 (PCT/BR2001/000011)
[87] (WO2001/054647)
[30] BR (PI 0000426-0) 2000-01-28

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[11] **2,407,301**
[13] C
[51] **Int.Cl. C12N 15/31 (2006.01) A61K 39/02 (2006.01) A61P 31/04 (2006.01) C07H 21/00 (2006.01) C07K 14/29 (2006.01) C12N 15/86 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **HSP60 SEQUENCE FROM PISCIRICKETTSIA SALMONIS**
[54] **SEQUENCE DE HSP60 PROVENANT DE PISCIRIKETTSIA SALMONIS**
[72] SIMARD, NATHALIE, CA
[73] NOVARTIS AG, CH
[86] (2407301)
[87] (2407301)
[22] 2002-09-18

[11] **2,418,989**
[13] C
[51] **Int.Cl. G01C 21/00 (2006.01) G06T 17/05 (2011.01) G01C 21/26 (2006.01) G06F 17/50 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF GEOSPATIALLY MAPPING TOPOLOGICAL REGIONS AND DISPLAYING THEIR ATTRIBUTES**
[54] **SYSTEME ET METHODE DE CARTOGRAPHIE GEOSPATIALE DE REGIONS TOPOLOGIQUES ET D'AFFICHAGE DE LEURS ATTRIBUTS**
[72] ANDERSON, JAMES J., US
[73] GIS DATA RESOURCES LLC, US
[86] (2418989)
[87] (2418989)
[22] 2003-02-14
[30] US (60/357,571) 2002-02-15
[30] US (10/360,960) 2003-02-07

[11] **2,426,776**
[13] C
[51] **Int.Cl. C11D 3/42 (2006.01) D06L 3/12 (2006.01) D21H 21/30 (2006.01)**
[25] EN
[54] **AN OPTICAL BRIGHTENER MIXTURE COMPOSITION, ITS PRODUCTION AND USE IN CELLULOSIC SUBSTRATES**
[54] **COMPOSITION MELANGEE D'AZUREUR OPTIQUE, SA PRODUCTION ET SON UTILISATION DANS LES SUBSTRATS CELLULOSIQUES**
[72] FARRAR, JOHN MARTIN, GB
[72] JACKSON, ANDREW CLIVE, GB
[72] TINDAL, ALEC STEWART, GB
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2003-04-23
[86] 2002-01-08 (PCT/IB2002/000039)
[87] (WO2002/055646)
[30] GB (0100610.5) 2001-01-10

[11] **2,429,180**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **DISCORDANT HELIX STABILIZATION FOR PREVENTION OF AMYLOID FORMATION**
[54] **STABILISATION D'HELICE DISCORDANTE AFIN DE PREVENIR LA FORMATION DE SUBSTANCE AMYLOIDE**
[72] JOHANSSON, JAN, SE
[73] ALPHABETA AB, SE
[85] 2003-05-15
[86] 2001-11-20 (PCT/GB2001/005117)
[87] (WO2002/041002)
[30] US (60/253,695) 2000-11-20
[30] US (60/251,662) 2000-12-06

[11] **2,433,974**
[13] C
[51] **Int.Cl. B61G 5/02 (2006.01) B61D 3/10 (2006.01) B61F 3/12 (2006.01)**
[25] EN
[54] **SYMMETRICAL MULTI-UNIT RAILROAD CAR**
[54] **RAME DE VOITURES DE CHEMIN DE FER SYMETRIQUES**
[72] AL-KAABI, MOHAMED, CA
[72] HEMATIAN, JAMAL, CA
[73] NATIONAL STEEL CAR LIMITED, CA
[86] (2433974)
[87] (2433974)
[22] 2003-06-27

[11] **2,435,968**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **MULTIMEDIA MESSAGING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MESSAGERIE MULTIMEDIA**
[72] MOSTAFA, MIRAJ, FI
[73] CORE WIRELESS LICENSING S.A.R.L., LU
[85] 2003-07-24
[86] 2002-02-08 (PCT/IB2002/001431)
[87] (WO2002/063849)
[30] FI (20010238) 2001-02-08

[11] **2,440,358**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C07K 16/16 (2006.01) C07K 19/00 (2006.01) C12N 9/96 (2006.01) C12N 15/10 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01) C12Q 1/37 (2006.01) C12Q 1/68 (2006.01) G01N 33/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **DENATURANT STABLE AND/OR PROTEASE RESISTANT, CHAPERONE-LIKE OLIGOMERIC PROTEINS, POLYNUCLEOTIDES ENCODING SAME AND THEIR USES**
[54] **PROTEINES OLIGOMERES SEMBLABLES A UNE CHAPERONE, STABLES FACE AUX DENATURANTS ET/OU RESISTANT A LA PROTEASE, POLYNUCLEOTIDES CODANT LES MEMES PROTEINES ET UTILISATIONS CORRESPONDANTES**
[72] WANG, WANGXIA, IL
[72] PELAH, DAN, IL
[72] ALEGRAND, TAL, IL
[72] SHOSEYOV, ODED, IL
[72] ALTMAN, ARIE, IL
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE M LTD, IL
[85] 2003-09-04
[86] 2002-03-05 (PCT/IL2002/000174)
[87] (WO2002/070647)
[30] US (60/272,771) 2001-03-05

[11] **2,442,137**
[13] C
[51] **Int.Cl. G01V 9/00 (2006.01) E05F 15/00 (2006.01) F16P 3/14 (2006.01) G01V 13/00 (2006.01) G05B 23/02 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **WIRELESS BARRIER-EDGE MONITOR DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF HERTZIENS DE SURVEILLANCE EN BORDURE DE BARRIERE**
[72] MEHALSHICK, GEORGE M., US
[72] STAUB, CHRISTOPHER J., US
[72] PONGRAZZI, KEVIN, US
[73] THE CHAMBERLAIN GROUP, INC., US
[85] 2003-09-25
[86] 2003-02-07 (PCT/US2003/003785)
[87] (WO2003/069352)
[30] US (10/075,050) 2002-02-12

---

[11] **2,445,349**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 7/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-CD40 MONOCLONAL ANTIBODY**
[54] **ANTICORPS MONOCLONAL ANTI-CD40**
[72] MIKAYAMA, TOSHIFUMI, US
[72] YOSHIDA, HITOSHI, US
[72] FORCE, WALKER R., US
[72] CHEN, XINGJIE, US
[72] TAKAHASHI, NOBUAKI, JP
[72] SCHOENBERGER, STEPHEN P., US
[73] KYOWA HAKKO KIRIN CO., LTD., JP
[73] LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY, US
[85] 2003-10-24
[86] 2002-04-26 (PCT/JP2002/004292)
[87] (WO2002/088186)
[30] US (PCT/US01/13672) 2001-04-27
[30] JP (2001-142482) 2001-05-11
[30] JP (2001-310535) 2001-10-05
[30] US (10/040,244) 2001-10-26
[30] US (09/844,684) 2001-04-27

---

[11] **2,449,661**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] FR
[54] **METHOD FOR OBTAINING A MONOCOTYLEDON PLANT CONTAINING A GENE OF INTEREST FREE OF FOREIGN ANCILLARY SEQUENCE**
[54] **METHODE D'OBTENTION DE PLANTE MONOCOTYLEDONE CONTENANT UN GENE D'INTERET SANS SEQUENCE AUXILIAIRE ETRANGERE**
[72] PEREZ, PASCUAL, FR
[72] GERENTES, DENISE, FR
[72] PRAUD, SEBASTIEN, FR
[73] BIOGEMMA, FR
[85] 2003-12-03
[86] 2002-05-16 (PCT/FR2002/001656)
[87] (WO2002/101061)
[30] FR (01/07597) 2001-06-11

---

[11] **2,450,734**
[13] C
[51] **Int.Cl. B44C 1/10 (2006.01) B32B 5/26 (2006.01) B32B 7/12 (2006.01) B44C 1/17 (2006.01) C09J 7/02 (2006.01) E01F 9/04 (2006.01)**
[25] EN
[54] **APPLICATION OF IMAGES TO SURFACES**
[54] **APPLICATION D'IMAGES SUR DES SURFACES**
[72] PACEY, BARRY DAVID, GB
[73] PROVISION LEGAL SERVICES LIMITED, GB
[85] 2003-12-15
[86] 2002-06-13 (PCT/GB2002/002459)
[87] (WO2002/102605)
[30] GB (0114530.9) 2001-06-15
[30] GB (PCT/GB01/04746) 2001-10-26

---

[11] **2,452,417**
[13] C
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/04 (2006.01) A61K 38/17 (2006.01) A61K 38/42 (2006.01) A61P 3/04 (2006.01) A61P 9/10 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 5/083 (2006.01) C07K 5/087 (2006.01) C07K 5/107 (2006.01) C07K 5/117 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C07K 14/805 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING THE BIOLOGICIALLY ACTIVE PEPTIDE YSL**
[54] **COMPOSITIONS COMPRENANT LE YSL PEPTIDE EXERCANT UNE ACTIVITE BIOLOGIQUE**
[72] WONG, WAI MING, CN
[72] LAM, KONG, CN
[73] CMS PEPTIDES PATENT HOLDING COMPANY LIMITED, VG
[85] 2003-12-30
[86] 2002-07-11 (PCT/GB2002/003203)
[87] (WO2003/006492)
[30] US (09/904,492) 2001-07-13

---

[11] **2,455,384**
[13] C
[51] **Int.Cl. B05B 12/00 (2006.01) A61M 15/00 (2006.01) B05B 9/04 (2006.01) B05B 11/00 (2006.01) B05B 12/02 (2006.01)**
[25] EN
[54] **PRECISE POSITION CONTROLLED ACTUATING METHOD AND SYSTEM**
[54] **SYSTEME ET PROCEDE D'ACTIONNEMENT COMMANDE D'UN EMPLACEMENT PRECIS**
[72] FARINA, DINO J., US
[72] FALLON, TIMOTHY, M., US
[72] KALOGRIANITIS, SOCRATIS, US
[72] TAYLOR, PETER, US
[73] PROVERIS SCIENTIFIC CORPORATION, US
[85] 2003-12-15
[86] 2002-06-21 (PCT/US2002/019629)
[87] (WO2003/000429)
[30] US (60/299,874) 2001-06-21

[11] **2,458,137**
[13] C
[51] **Int.Cl. H02M 3/335 (2006.01)**
[25] EN
[54] **ZERO VOLTAGE SWITCHED FULL BRIDGE DC/DC CONVERTER**
[54] **CONVERTISSEUR PONT CONTINU-CONTINU COMMUTE SANS TENSION**
[72] DAVIDSON, CHRISTOPHER DONOVAN, CA
[73] DAVIDSON, CHRISTOPHER DONOVAN, CA
[86] (2458137)
[87] (2458137)
[22] 2004-02-17
[30] US (60/517,398) 2003-11-06

[11] **2,459,192**
[13] C
[51] **Int.Cl. G06F 1/16 (2006.01) H02J 7/00 (2006.01) H04M 1/04 (2006.01)**
[25] EN
[54] **HOLSTER FOR SUPPORTING AND CHARGING A WIRELESS PERIPHERAL OF A MOBILE DEVICE**
[54] **ETUI POUR SOUTIEN ET RECHARGE DE PERIPHERIQUE SANS FIL INCORPORE A UN DISPOSITIF PORTATIF**
[72] LOWLES, ROBERT J., CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2459192)
[87] (2459192)
[22] 2004-02-27
[30] GB (03/18357.1) 2003-08-05

[11] **2,467,532**
[13] C
[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/15 (2006.01) A61B 17/17 (2006.01) A61B 17/90 (2006.01)**
[25] EN
[54] **DETACHABLE SUPPORT ARM FOR SURGICAL NAVIGATION SYSTEM REFERENCE ARRAY**
[54] **BRAS DE SUPPORT AMOVIBLE POUR MATRICE DE REFERENCE D'UN SYSTEME DE NAVIGATION CHIRURGICALE**
[72] GRIMM, JAMES E., US
[72] MCGINLEY, SHAWN E., US
[73] ZIMMER TECHNOLOGY, INC., US
[86] (2467532)
[87] (2467532)
[22] 2004-05-19
[30] US (10/603,007) 2003-06-24

[11] **2,468,086**
[13] C
[51] **Int.Cl. H04N 7/36 (2006.01) G06T 9/00 (2006.01) H04N 7/26 (2006.01)**
[25] EN
[54] **PICTURE LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT**
[54] **CODAGE DE CHAMP/TRAME ADAPTATIF DE NIVEAU IMAGE POUR CONTENU NUMERIQUE VIDEO**
[72] WANG, LIMIN, US
[72] PANUSOPONE, KRIT, US
[72] GANDHI, RAJEEV, US
[72] YU, YUE, US
[72] LUTHRA, AJAY, US
[73] MOTOROLA MOBILITY LLC, US
[85] 2004-05-19
[86] 2002-11-21 (PCT/US2002/037593)
[87] (WO2003/047271)
[30] US (60/333,004) 2001-11-21
[30] US (60/333,921) 2001-11-27
[30] US (60/395,708) 2002-07-12
[30] US (60/395,717) 2002-07-12
[30] US (10/301,203) 2002-11-20

[11] **2,468,612**
[13] C
[51] **Int.Cl. G08C 17/00 (2006.01) E05F 15/10 (2006.01)**
[25] EN
[54] **STATUS SIGNAL METHOD AND APPARATUS FOR MOVABLE BARRIER OPERATOR AND CORRESPONDING WIRELESS REMOTE CONTROL**
[54] **METHODE ET APPAREIL A SIGNAUX D'ETAT POUR SYSTEME DE DEPLACEMENT DE BARRIERE MOBILE ET TELECOMMANDE SANS FIL CORRESPONDANTE**
[72] FITZGIBBON, JAMES J., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2468612)
[87] (2468612)
[22] 2004-05-27
[30] US (10/447,661) 2003-05-29

[11] **2,477,794**
[13] C
[51] **Int.Cl. C12P 21/02 (2006.01) A01N 63/02 (2006.01) C12N 1/21 (2006.01) C12N 9/10 (2006.01) C12N 15/00 (2006.01) C12N 15/54 (2006.01) C12N 15/63 (2006.01) C12N 15/70 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE PRODUCTION OF RECOMBINANT GLYCOSYLATED PROTEINS IN A PROKARYOTIC HOST**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE PROTEINES GLYCOSYLEES DE RECOMBINAISON DANS UN HOTE PROCARYOTIQUE**
[72] AEBI, MARKUS, CH
[72] WACKER, MICHAEL, CH
[73] EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH, CH
[85] 2004-08-30
[86] 2003-03-05 (PCT/CH2003/000153)
[87] (WO2003/074687)
[30] CH (394/02) 2002-03-07
[30] US (60/364,655) 2002-03-14

[11] **2,480,258**
[13] C
[51] **Int.Cl. H03L 7/18 (2006.01) H03K 23/66 (2006.01) H03L 7/081 (2006.01) H03L 7/197 (2006.01)**
[25] EN
[54] **PHASE ERROR CANCELLATION CIRCUIT AND METHOD FOR FRACTIONAL FREQUENCY DIVIDERS AND CIRCUITS INCORPORATING SAME**
[54] **CIRCUIT D'ANNULATION D'ERREUR ET PROCEDE POUR CIRCUITS DIVISEURS DE FREQUENCE ET CIRCUITS QUI LES COMPORTENT**
[72] RILEY, THOMAS ATKIN DENNING, CA
[73] KABEN WIRELESS SILICON INC., CA
[85] 2004-09-23
[86] 2003-03-28 (PCT/CA2003/000447)
[87] (WO2003/084069)
[30] US (60/367,744) 2002-03-28

---

[11] **2,485,796**
[13] C
[51] **Int.Cl. A01N 63/00 (2006.01) A01C 1/06 (2006.01) A01N 63/02 (2006.01) A01N 63/04 (2006.01)**
[25] EN
[54] **CONTROLLING PLANT PATHOGENS WITH FUNGAL/BACTERIAL ANTAGONIST COMBINATIONS COMPRISING TRICHODERMA VIRENS AND BACILLUS SUBTILIS VAR.AMYLOLIQUEFACIENS**
[54] **CONTROLE DE PATHOGENES DE PLANTES AU MOYEN DE COMBINAISONS D'ANTAGONISTES FONGIQUES/BACTERIENS COMPRENANT TRICHODERMA VIRENS ET BACILLUS SUBTILIS VAR. AMYLOLIQUEFACIENS**
[72] JOHNSON, THOMAS D., US
[73] TJ TECHNOLOGIES, INC., US
[86] (2485796)
[87] (2485796)
[22] 2004-10-25
[30] CA (2,471,555) 2004-06-18
[30] US (10/940,036) 2004-09-13

---

[11] **2,485,800**
[13] C
[51] **Int.Cl. G10L 21/0232 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-SENSORY SPEECH ENHANCEMENT**
[54] **METHODE ET APPAREIL D'AMELIORATION MULTI-SENSORIELLE DE LA PAROLE**
[72] ACERO, ALEJANDRO, US
[72] DROPPO, JAMES G., US
[72] DENG, LI, US
[72] SINCLAIR, MICHAEL J., US
[72] HUANG, XUEDONG DAVID, US
[72] ZHENG, YANLI, US
[72] ZHANG, ZHENGYOU, US
[72] LIU, ZICHENG, US
[73] MICROSOFT CORPORATION, US
[86] (2485800)
[87] (2485800)
[22] 2004-10-25
[30] US (10/724,008) 2003-11-26

---

[11] **2,487,824**
[13] C
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **ONCOLYTIC VIRUSES AS PHENOTYPING AGENTS FOR NEOPLASMS**
[54] **VIRUS ONCOLYTIQUES EN TANT QU'AGENTS DE PHENOTYPAGE DESTINES A DES NEOPLASMES**
[72] THOMPSON, BRADLEY G., CA
[72] COFFEY, MATTHEW C., CA
[73] ONCOLYTICS BIOTECH, INC., CA
[85] 2004-11-29
[86] 2003-06-25 (PCT/CA2003/000951)
[87] (WO2004/003562)
[30] US (60/392,031) 2002-06-28
[30] US (60/443,188) 2003-01-29

---

[11] **2,488,558**
[13] C
[51] **Int.Cl. A61K 38/55 (2006.01) A61K 9/00 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **PREVENTION AND REDUCTION OF BLOOD LOSS**
[54] **PREVENTION ET REDUCTION DE LA PERTE SANGUINE**
[72] LADNER, ROBERT C., US
[72] LEY, ARTHUR C., US
[72] HIRANI, SHIRISH, US
[72] WILLIAMS, ANTHONY, US
[73] DYAX CORP., US
[85] 2004-12-06
[86] 2003-06-06 (PCT/US2003/017665)
[87] (WO2003/103475)
[30] US (60/387,239) 2002-06-07
[30] US (60/407,003) 2002-08-28

---

[11] **2,489,954**
[13] C
[51] **Int.Cl. H04J 14/02 (2006.01)**
[25] EN
[54] **WDM LAYER-BASED OCHP DEVICE AND METHOD THEREOF**
[54] **DISPOSITIF DE PROTECTION DE CANAUX OPTIQUES A BASE DE COUCHES WDM METHODE CONNEXE**
[72] LI, WEISHI, CN
[72] XUE, YOUDAO, CN
[72] XIAO, DIANJUN, CN
[72] LIU, YANMING, CN
[72] LUO, WENBIN, CN
[72] ZHANG, SHIYIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2004-12-17
[86] 2003-05-29 (PCT/CN2003/000407)
[87] (WO2004/004183)
[30] CN (02125068.5) 2002-07-01

[11] **2,490,998**
[13] C
[51] **Int.Cl. H04R 25/00 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **EXTERNAL EAR INSERT FOR HEARING COMPREHENSION ENHANCEMENT**
[54] **INSERT AURICULAIRE EXTERIEUR PERMETTANT DE RENFORCER LA COMPREHENSION AUDITIVE**
[72] KAH, CARL L.C., JR., US
[73] KAH, CARL L.C., JR., US
[85] 2004-12-23
[86] 2003-05-12 (PCT/US2003/014973)
[87] (WO2003/096745)
[30] US (60/379,871) 2002-05-10

---

[11] **2,492,333**
[13] C
[51] **Int.Cl. C12N 15/50 (2006.01) A61K 39/215 (2006.01) C07K 14/165 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **CANINE RESPIRATORY CORONAVIRUS (CRCV) SPIKE PROTEIN, POLYMERASE AND HEMAGGLUTININ/ESTERASE**
[54] **PROTEINE A POINTES DU CORONAVIRUS RESPIRATOIRE CANIN (CRCV), POLYMERASE ET HEMAGGLUTININE/ESTERASE CORRESPONDANTES**
[72] BROWNLIE, JOHN, GB
[72] CHALKER, VICTORIA JANE, GB
[72] ERLES, KERSTIN, GB
[73] THE ROYAL VETERINARY COLLEGE, GB
[85] 2005-01-11
[86] 2003-07-01 (PCT/GB2003/002832)
[87] (WO2004/011651)
[30] GB (0217434.0) 2002-07-27

---

[11] **2,492,932**
[13] C
[51] **Int.Cl. C12N 15/90 (2006.01) A01K 67/027 (2006.01) C07K 14/395 (2006.01) C12N 5/10 (2006.01) C12N 9/90 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **METHODS FOR INDUCING TARGETED STIMULATION OF MEIOTIC RECOMBINATION AND KITS FOR PERFORMING SAID METHODS**
[54] **METHODES ET TROUSSES PERMETTANT D'INDUIRE UNE STIMULATION CIBLEE DE RECOMBINAISON MEIOTIQUE**
[72] NICOLAS, ALAIN, FR
[72] PECINA-LOPEZ, ANA, FR
[72] PASCUAL, ALBERTO, FR
[72] SMITH, KATHLEEN, FR
[72] MEZARD, CHRISTINE, FR
[72] RASSOULZADEGAN, MINOO, FR
[72] VEDEL, MICHELE, FR
[72] BORDE, VALERIE, FR
[72] UEMATSU, NORIO, FR
[73] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[73] INSTITUT CURIE, FR
[85] 2005-01-18
[86] 2003-07-18 (PCT/EP2003/008834)
[87] (WO2004/016795)
[30] US (10/199,762) 2002-07-19

---

[11] **2,496,355**
[13] C
[51] **Int.Cl. F02C 6/04 (2006.01) F02C 6/16 (2006.01) F25B 11/02 (2006.01) H02K 7/10 (2006.01)**
[25] EN
[54] **POWER STATION**
[54] **CENTRALE ENERGETIQUE**
[72] ALTHAUS, ROLF, CH
[72] KOLLER, MARTIN, CH
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2496355)
[87] (2496355)
[22] 2005-02-04
[30] DE (10 2004 007 482.8) 2004-02-13

---

[11] **2,497,759**
[13] C
[51] **Int.Cl. G11B 7/0045 (2006.01) G11B 7/00 (2006.01) G11B 7/005 (2006.01) G11B 7/0055 (2006.01)**
[25] EN
[54] **BIT-WISE OPTICAL DATA STORAGE UTILIZING ALUMINUM OXIDE SINGLE CRYSTAL MEDIUM**
[54] **STOCKAGE DE DONNEES OPTIQUES AU NIVEAU DES BITS UTILISANT UN SUPPORT MONOCRISTALLIN EN OXYDE D'ALUMINIUM**
[72] AKSELROD, MARK S., US
[72] AKSELROD, ANNA E., US
[72] ORLOV, SERGEI S., US
[73] LANDAUER, INC., US
[85] 2005-03-03
[86] 2003-10-06 (PCT/US2003/031730)
[87] (WO2004/034380)
[30] US (60/417,153) 2002-10-10
[30] US (10/309,179) 2002-12-04
[30] US (10/309,021) 2002-12-04
[30] US (10/419,726) 2003-04-22
[30] US (10/456,569) 2003-06-09
[30] US (10/633,654) 2003-08-05

---

[11] **2,497,812**
[13] C
[51] **Int.Cl. D21D 1/00 (2006.01) D21C 9/18 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **DEVICE FOR SHEAR-THINNING OF SOLIDS CONTAINING MATERIAL**
[54] **DISPOSITIF DE FLUIDIFICATION DE SOLIDES CONTENANT DES MATERIAUX**
[72] NIITTI, TIMO, FI
[73] OUTOTEC OYJ, FI
[86] (2497812)
[87] (2497812)
[22] 2005-02-21
[30] FI (20040336) 2004-03-03

[11] **2,499,390**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) A61B 1/00 (2006.01)**
[25] EN
[54] **KITS AND METHODS FOR ASSESSING SKIN HEALTH**
[54] **KITS ET METHODES D'EVALUATION DE LA SANTE DERMATOLOGIQUE**
[72] DEPHILLIPO, JOHN R., US
[72] RICCIARDI, ROBERT P., US
[73] GENELINK, INC., US
[85] 2005-03-17
[86] 2003-09-19 (PCT/US2003/029529)
[87] (WO2004/026107)
[30] US (10/247,935) 2002-09-20

---

[11] **2,501,328**
[13] C
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] FR
[54] **METHOD FOR SEPARATING MICROSEISMIC SIGNALS FROM SEISMIC SIGNALS EMITTED BY ONE OR SEVERAL SOURCES**
[54] **METHODE DE SEPARATION DE SIGNAUX DE MICROSISMICITE DE SIGNAUX SISMIQUES EMIS PAR UNE OU PLUSIEURS SOURCES**
[72] MEUNIER, JULIEN, FR
[72] HUGUET, FREDERIC, FR
[73] GAZ DE FRANCE-SERVICE NATIONAL, FR
[73] CGGVERITAS SERVICES SA, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2005-04-05
[86] 2003-10-01 (PCT/FR2003/002874)
[87] (WO2004/034090)
[30] FR (02/12494) 2002-10-08

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[11] **2,504,329**
[13] C
[51] **Int.Cl. A61K 9/50 (2006.01) A23L 1/30 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 9/16 (2006.01)**
[25] EN
[54] **GEODATE DELIVERY VEHICLES**
[54] **VEHICULES POUR ADMINISTRATION DE GEODATS**
[72] MANNINO, RAPHAEL J., US
[72] KRAUSE-ELSMORE, SARA L., US
[72] GOULD-FOGERITE, SUSAN, US
[72] DELMARRE, DAVID, US
[72] LU, RUYING, US
[73] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US
[85] 2005-04-28
[86] 2003-11-03 (PCT/US2003/035136)
[87] (WO2004/041247)
[30] US (60/422,989) 2002-11-01
[30] US (60/440,284) 2003-01-14
[30] US (60/507,361) 2003-09-29

---

[11] **2,504,440**
[13] C
[51] **Int.Cl. H02M 1/00 (2007.10) H02M 1/42 (2007.01) H02J 3/32 (2006.01) H02J 9/06 (2006.01) H02M 5/40 (2006.01)**
[25] EN
[54] **UNINTERRUPTED POWER SUPPLY WITH POWER-FACTOR CORRECTING BYPASS MODE**
[54] **ALIMENTATION ININTERROMPUE EN MODE DE DERIVATION DE CORRECTION DU FACTEUR DE PUISSANCE**
[72] TAIMELA, PASI S., US
[73] EATON POWER QUALITY CORPORATION, US
[85] 2005-04-29
[86] 2003-10-27 (PCT/US2003/033858)
[87] (WO2004/042908)
[30] US (10/286,027) 2002-11-01

---

[11] **2,504,577**
[13] C
[51] **Int.Cl. A23P 1/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING PRODUCT DENSITY**
[54] **METHODE ET SYSTEME DE COMMANDE DE LA DENSITE DE PRODUITS**
[72] TOPINKA, JOHN B., US
[72] SCHWIMMER, WILLIAM H., US
[72] HARTLIEP, BARBARA B., US
[72] ARORA, VIJAY K., US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2504577)
[87] (2504577)
[22] 2005-04-20
[30] US (11/023,498) 2004-12-29

---

[11] **2,504,953**
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 6/00 (2006.01) A61K 38/10 (2006.01) A61P 9/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **A NEW TARGET FOR ANGIOGENESIS AND ANTI-ANGIOGENESIS THERAPY**
[54] **NOUVELLE CIBLE POUR LA THERAPIE ANGIOGENIQUE ET ANTI-ANGIOGENIQUE**
[72] CUTTITTA, FRANK, US
[72] MARTINEZ, ALFREDO, US
[72] STETLER-STEVENSON, WILLIAM G., US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC RETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2005-05-04
[86] 2003-11-07 (PCT/US2003/035633)
[87] (WO2004/043383)
[30] US (60/425,018) 2002-11-07

[11] **2,505,099**
[13] C
[51] **Int.Cl. C08F 290/14 (2006.01) C08K 3/00 (2006.01) C09C 1/02 (2006.01) C09C 1/36 (2006.01) C09C 1/40 (2006.01) C09C 1/42 (2006.01) C09C 3/00 (2006.01) C09C 3/10 (2006.01) C11D 3/37 (2006.01) C11D 3/42 (2006.01) D06L 3/12 (2006.01) D21H 21/30 (2006.01) D21H 19/44 (2006.01)**
[25] FR
[54] **USE OF A COPOLYMER HAVING AT LEAST ONE GRAFTED ALKOXY OR HYDROXY POLYALKYLENE GLYCOL FUNCTION AS AN AGENT FOR IMPROVING OPTICAL BRIGHTENING ACTIVATION, AND PRODUCTS OBTAINED**
[54] **UTILISATION D'UN COPOLYMERE DISPOSANT D'AU MOINS UNE FONCTION GREFFEE ALKOXY OU HYDROXY POLYALKYLENE GLYCOL, COMME AGENT AMELIORANT L'ACTIVATION DE L'AZURAGE OPTIQUE ET PRODUITS OBTENUS**
[72] DUPONT, FRANCOIS, FR
[72] JACQUEMET, CHRISTIAN, FR
[72] SUAU, JEAN-MARC, FR
[72] MONGOIN, JACQUES, FR
[73] COATEX S.A.S., FR
[85] 2005-05-04
[86] 2003-11-05 (PCT/FR2003/003300)
[87] (WO2004/044022)
[30] FR (02/14000) 2002-11-08

[11] **2,505,202**
[13] C
[51] **Int.Cl. E05F 15/00 (2006.01) G08C 23/04 (2006.01)**
[25] EN
[54] **MOVABLE BARRIER OPERATOR SYSTEM DISPLAY METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF D'AFFICHAGE DE SYSTEME D'OPERATEUR DE BARRIERE MOBILE**
[72] FITZGIBBON, JAMES J., US
[72] DANIEL-WAYMAN, ROBERT, US
[72] GREGORI, ERIC, US
[72] OLMSTED, ROBERT J., US
[72] ROBB, ERIC J., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2505202)
[87] (2505202)
[22] 2005-04-26
[30] US (10/843,222) 2004-05-11

[11] **2,505,509**
[13] C
[51] **Int.Cl. G01N 33/542 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD AND PROBES FOR THE DETECTION OF A TUMOR SPECIFIC FUSION PROTEIN**
[54] **PROCEDE ET SONDES DE DETECTION D'UNE PROTEINE DE FUSION SPECIFIQUE A UNE TUMEUR**
[72] VAN DONGEN, JACOBUS JOHANNES MARIA, NL
[73] ERASMUS UNIVERSITEIT ROTTERDAM, NL
[85] 2005-05-09
[86] 2003-11-06 (PCT/NL2003/000776)
[87] (WO2004/042398)
[30] EP (02079666.0) 2002-11-07

[11] **2,508,353**
[13] C
[51] **Int.Cl. E05F 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTING TO BARRIER NUISANCES AND OBSTRUCTIONS**
[54] **SYSTEME ET METHODE D'ADAPTATION DES BARRIERES AUX NUISANCES ET OBSTACLES**
[72] GREGORI, ERIC, US
[72] STUDY, ROBERT S., III, US
[72] WILLMOTT, COLIN B., US
[72] KELLER, ROBERT R., JR., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2508353)
[87] (2508353)
[22] 2005-05-26
[30] US (10/876,325) 2004-06-24

[11] **2,508,660**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST PD-1 AND USES THEREFOR**
[54] **ANTICORPS ANTI PD-1 ET UTILISATIONS**
[72] COLLINS, MARY, US
[72] WOOD, CLIVE R., US
[72] CARRENO, BEATRIZ M., US
[72] VALGE-ARCHER, VIIA, GB
[72] LUXENBERG, DEBORAH, US
[72] JUSSIF, JASON, US
[72] RUSSELL, CAROLINE, GB
[72] CARTER, LAURA L., US
[72] BENNETT, FRANCES K., US
[72] ANDREWS, JOHN, GB
[73] WYETH, US
[73] MEDIMMUNE LIMITED, GB
[85] 2005-06-03
[86] 2003-12-22 (PCT/IB2003/006304)
[87] (WO2004/056875)
[30] US (60/435,354) 2002-12-23

[11] **2,509,520**
[13] C
[51] **Int.Cl. C07H 21/04 (2006.01) A61K 35/14 (2006.01) C07K 14/18 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE CAPTURE, DETECTION AND QUANTITATION OF WEST NILE VIRUS**
[54] **IDENTIFICATION D'OLIGONUCLEOTIDES PERMETTANT LA CAPTURE, LA DETECTION ET L'EVALUATION QUANTITATIVE DU VIRUS DU NIL OCCIDENTAL**
[72] SHYAMALA, VENKATAKRISHNA, US
[73] NOVARTIS VACCINES AND DIAGNOSTICS, INC., US
[85] 2005-06-08
[86] 2003-12-05 (PCT/US2003/038750)
[87] (WO2004/055159)
[30] US (60/432,850) 2002-12-12
[30] US (60/480,431) 2003-06-20

---

[11] **2,513,620**
[13] C
[51] **Int.Cl. C10M 169/06 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE INHIBITOR MATERIAL COMPRISING A BASE OIL AND METAL PARTICLES AND METHODS OF MAKING AND USING THE SAME**
[54] **MATIERE INHIBITRICE A HAUTE TEMPERATURE COMPRENANT UNE HUILE DE BASE ET DES PARTICULES DE METAL ET METHODES POUR LA PRODUIRE ET L'UTILISER**
[72] LADIN, DMITRY, CA
[72] BUKOVNIK, RUDOLF ROBERT, US
[72] BRAUNOVIC, MILENKO, CA
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2005-07-18
[86] 2004-01-21 (PCT/US2004/001444)
[87] (WO2004/065531)
[30] US (10/348,420) 2003-01-21

---

[11] **2,513,788**
[13] C
[51] **Int.Cl. B01D 61/08 (2006.01)**
[25] EN
[54] **LIQUID SEPARATION APPARATUS**
[54] **APPAREIL DE SEPARATION DE LIQUIDES**
[72] CHABOT, JEAN-MARIE, CA
[73] LES EQUIPEMENTS D'ERABLIERE CDL INC., CA
[86] (2513788)
[87] (2513788)
[22] 2005-07-26

---

[11] **2,515,631**
[13] C
[51] **Int.Cl. C07D 333/52 (2006.01) A61K 31/19 (2006.01) A61K 31/215 (2006.01) A61K 31/381 (2006.01) A61K 31/41 (2006.01) A61P 27/06 (2006.01) C07C 59/90 (2006.01) C07C 69/73 (2006.01) C07D 333/62 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **10,10-DIALKYL PROSTANOIC ACID DERIVATIVES AS AGENTS FOR LOWERING INTRAOCULAR PRESSURE**
[54] **DERIVES DE L'ACIDE 10,10-DIALKYL-PROSTANOIQUE UTILISES COMME AGENTS REDUCTEURS DE LA PRESSION INTRAOCULAIRE**
[72] DONDE, YARIV, US
[72] NGUYEN, JEREMIAH H., US
[73] ALLERGAN, INC., US
[85] 2005-08-10
[86] 2004-02-06 (PCT/US2004/003433)
[87] (WO2004/071428)
[30] US (10/365,369) 2003-02-11
[30] US (10/772,720) 2004-02-04

---

[11] **2,516,053**
[13] C
[51] **Int.Cl. C23C 28/00 (2006.01) B05D 7/00 (2006.01) C25D 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR COATING A SURFACE**
[54] **PROCEDE DE REVETEMENT D'UNE SURFACE**
[72] VIEL, PASCAL, FR
[72] AMEUR, SAMI, TN
[72] BUREAU, CHRISTOPHE, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2005-08-12
[86] 2004-02-13 (PCT/FR2004/050058)
[87] (WO2004/074537)
[30] FR (03/01874) 2003-02-17

---

[11] **2,516,563**
[13] C
[51] **Int.Cl. A61K 31/047 (2006.01) A61K 31/70 (2006.01) A61K 51/04 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) G01N 33/60 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS OF PREVENTING, TREATING AND DIAGNOSING DISORDERS OF PROTEIN AGGREGATION**
[54] **PROCEDES PERMETTANT DE PREVENIR, TRAITER ET DIAGNOSTIQUER DES TROUBLES DANS L'AGREGATION DES PROTEINES**
[72] MCLAURIN, JOANNE, CA
[73] MCLAURIN, JOANNE, CA
[85] 2005-08-19
[86] 2004-02-27 (PCT/CA2004/000272)
[87] (WO2004/075882)
[30] US (60/451,363) 2003-02-27
[30] US (60/520,958) 2003-11-17
[30] US (60/523,534) 2003-11-19
[30] US (10/787,621) 2004-02-26

[11] **2,519,880**
[13] C
[51] **Int.Cl. H01B 7/00 (2006.01) D07B 1/06 (2006.01) D07B 1/08 (2006.01) D07B 1/10 (2006.01) H01B 5/00 (2006.01) H01B 7/04 (2006.01)**
[25] EN
[54] **METALLIC CONDUCTOR AND PROCESS OF MANUFACTURING SAME**
[54] **CONDUCTEUR METALLIQUE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] SANTOS LOPEZ, LUIS, ES
[72] PALLARES TUSET, GERARDO, ES
[72] PERTEGAZ MOYA, JOSE, ES
[72] MARTINEZ BRAGADO, FRANCISCO JOSE, ES
[73] GRUPO GENERAL CABLE SISTEMAS, S.A., ES
[85] 2005-09-21
[86] 2004-03-08 (PCT/EP2004/002512)
[87] (WO2004/086417)
[30] EP (03380076.4) 2003-03-28

---

[11] **2,520,660**
[13] C
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/54 (2006.01)**
[25] EN
[54] **SOLID ORAL DOSAGE FORM CONTAINING SEAMLESS MICROCAPSULES**
[54] **FORME POSOLOGIQUE SOLIDE S'ADMINISTRANT PAR VOIE ORALE QUI CONTIENT DES MICROCAPSULES SANS SOUDURE**
[72] MOODLEY, JOEY, IE
[72] COULTER, IVAN, IE
[73] SIGMOID PHARMA LIMITED, IE
[85] 2005-09-28
[86] 2004-03-29 (PCT/IE2004/000049)
[87] (WO2004/084870)
[30] US (60/458,599) 2003-03-28

---

[11] **2,521,601**
[13] C
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/012 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **IMPROVED AUDIO CODING SYSTEMS AND METHODS USING SPECTRAL COMPONENT COUPLING AND SPECTRAL COMPONENT REGENERATION**
[54] **SYSTEMES ET PROCEDES DE CODAGE AUDIO AMELIORE UTILISANT UN COUPLAGE DE COMPOSANTS SPECTRAUX ET UNE REGENERATION DE COMPOSANTS SPECTRAUX**
[72] ANDERSEN, ROBERT LORING, US
[72] TRUMAN, MICHAEL MEAD, US
[72] WILLIAMS, PHILIP ANTHONY, US
[72] VERNON, STEPHEN DECKER, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2005-10-05
[86] 2004-04-30 (PCT/US2004/013217)
[87] (WO2004/102532)
[30] US (10/434,449) 2003-05-08

---

[11] **2,524,340**
[13] C
[51] **Int.Cl. C07F 5/04 (2006.01) C10M 139/00 (2006.01) C10M 159/12 (2006.01)**
[25] EN
[54] **BORATE ESTER LUBRICANT ADDITIVES**
[54] **ADDITIFS POUR LUBRIFIANTS A BASE D'ESTER DE BORATE**
[72] LEVINE, JEFFREY A., US
[72] WU, SI, US
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2005-10-31
[86] 2004-05-12 (PCT/EP2004/050763)
[87] (WO2004/104146)
[30] US (60/472,390) 2003-05-21

---

[11] **2,527,068**
[13] C
[51] **Int.Cl. G01R 22/00 (2006.01) G01R 11/00 (2006.01) G01R 11/24 (2006.01) H02J 13/00 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR MULTI-CHANNEL METERING**
[54] **APPAREILLAGE ET METHODES DE COMPTAGE MULTIVOIE**
[72] SWARZTRAUBER, SAYRE A., US
[72] SHAFRIR, DORON, US
[72] MALIK, SIDDHARTH, US
[72] HAYWARD, ROBERT, CA
[73] QUADLOGIC CONTROLS CORPORATION, US
[86] (2527068)
[87] (2527068)
[22] 2005-11-15

---

[11] **2,528,967**
[13] C
[51] **Int.Cl. H04N 5/92 (2006.01)**
[25] EN
[54] **RECORDING APPARATUS, INFORMATION RECORDING MEDIUM AND RECORDING METHOD**
[54] **DISPOSITIF D'ENREGISTREMENT, SUPPORT D'ENREGISTREMENT D'INFORMATION ET PROCEDE D'ENREGISTREMENT**
[72] MITA, HIDEAKI, JP
[72] GOTOH, YOSHIHO, JP
[72] BANNAI, TATSUSHI, JP
[72] FURUKAWA, TAKASHI, JP
[72] ANDO, HIDEKI, JP
[72] TANAKA, HISAO, JP
[72] TERAO, MOTOHIRO, JP
[73] SONY CORPORATION, JP
[73] PANASONIC CORPORATION, JP
[85] 2005-12-09
[86] 2004-06-09 (PCT/JP2004/008420)
[87] (WO2004/112392)
[30] JP (2003-167125) 2003-06-11
[30] JP (2003-280472) 2003-07-25

[11] **2,529,008**
[13] C
[51] **Int.Cl. A61F 2/07 (2013.01)**
[25] EN
[54] **ONE-BRANCH STENT-GRAFT FOR BIFURCATED LUMENS**
[54] **STENT GREFFE A UNE BRANCHE POUR LUMIERES BIFURQUEES**
[72] NAZZARO, PATRICE K., US
[72] KUJAWSKI, DENNIS, US
[73] SCIMED LIFE SYSTEMS, INC., US
[85] 2005-12-09
[86] 2004-05-18 (PCT/US2004/015428)
[87] (WO2005/000166)
[30] US (10/461,898) 2003-06-13

---

[11] **2,529,920**
[13] C
[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/6592 (2006.01)**
[25] EN
[54] **ON THE FLY CATALYST TRANSITIONS**
[54] **TRANSITIONS DE CATALYSEURS DANS LA LANCEE**
[72] BROWN, STEPHEN JOHN, CA
[72] TAYLOR, KENNETH EDWARD, CA
[72] LIEBRECHT, BOBBI LEIGH, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2529920)
[87] (2529920)
[22] 2005-12-13

---

[11] **2,530,344**
[13] C
[51] **Int.Cl. G01M 7/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO VIBRATION ANALYSIS**
[54] **AMELIORATIONS DE L'ANALYSE DES VIBRATIONS OU AMELIORATIONS CONNEXES**
[72] LEIGH, NIGEL, NZ
[73] COMMTEST INSTRUMENTS LIMITED, NZ
[86] (2530344)
[87] (2530344)
[22] 2005-12-15
[30] NZ (537244) 2004-12-16

---

[11] **2,530,660**
[13] C
[51] **Int.Cl. A23L 1/30 (2006.01)**
[25] EN
[54] **COMBINATIONS OF VASOPROTECTIVE AGENTS AND FORMULATIONS CONTAINING THEM**
[54] **COMBINAISONS D'AGENTS VASOPROTECTEURS ET FORMULATIONS LES CONTENANT**
[72] BOMBARDELLI, EZIO, IT
[73] INDENA S.P.A., IT
[85] 2005-12-23
[86] 2004-06-17 (PCT/EP2004/006507)
[87] (WO2005/000041)
[30] IT (MI2003A001313) 2003-06-27

---

[11] **2,531,388**
[13] C
[51] **Int.Cl. B66B 13/30 (2006.01) B66B 13/06 (2006.01)**
[25] EN
[54] **DOOR INTERLOCKING SYSTEM**
[54] **SYSTEME DE FERMETURE DE SECURITE DE PORTE**
[72] DZIWAK, ZYGMUNT, CA
[73] THE PEELLE COMPANY LTD., CA
[86] (2531388)
[87] (2531388)
[22] 2005-12-22
[30] US (11/033,091) 2005-01-10

---

[11] **2,532,261**
[13] C
[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **MEDICAMENT CONTAINER WITH NEEDLE PROTECTION HOUSING**
[54] **CONTENANT POUR MEDICAMENT COMPRENANT UNE GAINE DE PROTECTION D'AIGUILLE**
[72] ZECHA, FREDERICK P., JR., US
[72] WOO, LOUIS, US
[73] SMITHS MEDICAL ASD, INC., US
[85] 2006-01-11
[86] 2004-07-13 (PCT/US2004/022153)
[87] (WO2005/007222)
[30] US (10/617,704) 2003-07-14

---

[11] **2,534,246**
[13] C
[51] **Int.Cl. H01B 3/44 (2006.01) H01B 7/02 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **FLAME RETARDANT PLENUM CABLE**
[54] **CABLE IGNIFUGE POUR VIDE TECHNIQUE**
[72] JOW, JINDER, SG
[72] COGEN, JEFFREY M., US
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
[85] 2006-01-27
[86] 2005-05-05 (PCT/US2005/015618)
[87] (WO2005/119704)
[30] US (60/568,317) 2004-05-05

---

[11] **2,534,273**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **PERFORMING EFFICIENT DOCUMENT SCORING AND CLUSTERING**
[54] **EVALUATION ET CLASSEMENT EFFICACES DE DOCUMENTS**
[72] KAWAI, KENJI, US
[72] EVANS, LYNNE MARIE, US
[73] FTI TECHNOLOGY LLC, US
[85] 2006-01-25
[86] 2004-07-23 (PCT/US2004/023955)
[87] (WO2005/013152)
[30] US (10/626,984) 2003-07-25

[11] **2,536,981**
[13] C
[51] **Int.Cl. A61F 2/56 (2006.01) A61F 2/62 (2006.01) A61F 2/70 (2006.01) A61F 5/10 (2006.01) A61H 1/02 (2006.01) A63B 23/035 (2006.01) A63B 23/16 (2006.01)**
[25] EN
[54] **MOVEMENT FACILITATION DEVICE**
[54] **DISPOSITIF D'AIDE AU MOUVEMENT**
[72] SCOTT, TIMOTHY RODERICK DALKEITH, AU
[72] VARE, VERONICA A., AU
[72] ABOLFATHI, PETER PUYA, AU
[72] WALLACE, GORDON G., AU
[72] SPINKS, GEOFFREY M., AU
[72] ZHOU, DEZHI, AU
[73] UNIVERSITY OF WOLLONGONG, AU
[73] NORTHERN SYDNEY AND CENTRAL COAST AREA HEALTH SERVICE, AU
[85] 2006-02-24
[86] 2003-09-04 (PCT/AU2003/001138)
[87] (WO2004/021936)
[30] AU (2002951193) 2002-09-04

[11] **2,537,784**
[13] C
[51] **Int.Cl. C10J 3/46 (2006.01) C10J 3/48 (2006.01) C10J 3/86 (2006.01)**
[25] EN
[54] **GASIFICATION METHOD AND DEVICE FOR PRODUCING SYNTHESIS GASES BY PARTIAL OXIDATION OF FUELS CONTAINING ASH AT ELEVATED PRESSURE WITH PARTIAL QUENCHING OF THE CRUDE GAS AND WASTE HEAT RECOVERY**
[54] **METHODE ET DISPOSITIF DE GASEIFICATION POUR LA PRODUCTION DE GAZ DE SYNTHESE PAR OXYDATION PARTIELLE A PRESSION ELEVEE DE COMBUSTIBLES A FORTE TENEUR EN CENDRES, AVEC PIEGEAGE PARTIEL DU GAZ BRUT ET RECUPERATION DE LA CHALEUR PRODUITE**
[72] SCHINGNITZ, MANFRED, DE
[72] HOLLE, BERND, DE
[72] FISCHER, NORBERT, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2537784)
[87] (2537784)
[22] 2006-02-27
[30] DE (10 2005 041 931.3) 2005-09-03

[11] **2,538,985**
[13] C
[51] **Int.Cl. B21F 3/02 (2006.01) B21C 47/18 (2006.01) F16F 1/04 (2006.01)**
[25] EN
[54] **METHODS FOR MANUFACTURING COIL SPRINGS**
[54] **PROCEDES DE FABRICATION DE RESSORT HELICOIDAL**
[72] DEFRANKS, MICHAEL S., US
[72] DIMARCO, MICHAEL, US
[72] BANKS, LARRY, US
[73] DREAMWELL, LTD., US
[85] 2006-03-13
[86] 2004-09-13 (PCT/US2004/029663)
[87] (WO2005/028139)
[30] US (10/661,363) 2003-09-12

[11] **2,539,442**
[13] C
[51] **Int.Cl. G10L 17/02 (2013.01) H04N 21/258 (2011.01) H04N 5/44 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS TO OPERATE AN AUDIENCE METERING DEVICE WITH VOICE COMMANDS**
[54] **PROCEDES ET APPAREIL POUR ACTIVER UN DISPOSITIF DE MESURE D'AUDIENCE AU MOYEN D'INSTRUCTIONS VOCALES**
[72] SRINIVASAN, VENUGOPAL, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2006-03-17
[86] 2004-08-30 (PCT/US2004/028171)
[87] (WO2005/034395)
[30] US (60/503,737) 2003-09-17

[11] **2,539,500**
[13] C
[51] **Int.Cl. D06M 15/19 (2006.01) A61L 15/28 (2006.01) A61L 15/60 (2006.01) D06M 15/70 (2006.01) D21C 3/02 (2006.01)**
[25] EN
[54] **MATERIALS USEFUL IN MAKING CELLULOSIC ACQUISITION FIBERS IN SHEET FORM**
[54] **MATERIAUX UTILISES POUR PRODUIRE DES FIBRES D'ABSORPTION CELLULOSIQUES SOUS FORME DE FEUILLES**
[72] HAMED, OTHMAN A., US
[72] CHMIELEWSKI, HARRY J., US
[73] RAYONIER TRS HOLDINGS INC., US
[85] 2006-03-17
[86] 2004-10-13 (PCT/US2004/033488)
[87] (WO2005/037328)
[30] US (10/683,164) 2003-10-14

[11] **2,539,958**
[13] C
[51] **Int.Cl. F16K 11/087 (2006.01)**
[25] EN
[54] **ISOLATION VALVE WITH VALVE IN DRAIN**
[54] **SOUPAPE DE SECTIONNEMENT MUNIE D'UNE SOUPAPE EN DRAIN**
[72] RECK, MICHAEL E., US
[73] WEBSTONE COMPANY, INC., US
[85] 2006-03-23
[86] 2004-09-23 (PCT/US2004/031167)
[87] (WO2005/031200)
[30] US (60/505,193) 2003-09-23

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[11] **2,540,813**
[13] C
[51] **Int.Cl. B61F 9/00 (2006.01)**
[25] FR
[54] **SYSTEM FOR GUIDING A VEHICLE ALONG AT LEAST ONE GUIDING RAIL**
[54] **SYSTEME DE GUIDAGE POUR VEHICULE LE LONG D'AU MOINS UN RAIL DIRECTEUR**
[72] DUPONT, BERNARD, FR
[72] BOULAT, LUC, FR
[72] FORGET, REMI, FR
[73] SOCIETE EUROPEENNE D'INGENIERIE MECANIQUE - EURODIM, FR
[85] 2006-03-30
[86] 2004-10-01 (PCT/FR2004/002496)
[87] (WO2005/032905)
[30] FR (0311577) 2003-10-02
[30] FR (0313373) 2003-11-14

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[11] **2,542,150**
[13] C
[51] **Int.Cl. B65D 5/18 (2006.01) B65D 5/52 (2006.01) B65D 5/72 (2006.01)**
[25] EN
[54] **DISPENSER AND DISPLAY DEVICE**
[54] **DISTRIBUTEUR ET DISPOSITIF D'AFFICHAGE**
[72] JOURDAIN, LOUIS, CA
[73] JOURDAIN, LOUIS, CA
[85] 2006-01-25
[86] 2004-07-29 (PCT/CA2004/001417)
[87] (WO2005/012116)
[30] US (60/490,521) 2003-07-29

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[11] **2,542,669**
[13] C
[51] **Int.Cl. E05B 47/00 (2006.01) E05B 47/02 (2006.01) E05B 47/04 (2006.01) E05B 55/00 (2006.01) E05B 65/00 (2006.01) E05B 65/44 (2006.01) E05B 65/46 (2006.01)**
[25] EN
[54] **CHILD SAFETY LOCK SYSTEM**
[54] **SYSTEME DE VERROUILLAGE DE SECURITE A L'EPREUVE DES ENFANTS**
[72] NYE-HINGSTON, MATTHEW RICHARD, NZ
[72] HINGSTON, NEIL RICHARD, NZ
[73] MAGNA ELECTRONICS PTE LIMITED, SG
[85] 2006-04-13
[86] 2004-10-22 (PCT/NZ2004/000263)
[87] (WO2005/040530)
[30] NZ (529152) 2003-10-23

---

[11] **2,542,849**
[13] C
[51] **Int.Cl. A61B 18/12 (2006.01) A61B 18/14 (2006.01) G01K 7/00 (2006.01)**
[25] EN
[54] **REDUNDANT TEMPERATURE MONITORING IN ELECTROSURGICAL SYSTEMS FOR SAFETY MITIGATION**
[54] **SYSTEME DE SURVEILLANCE DE LA TEMPERATURE REDONDANT UTILISE DANS DES SYSTEMES ELECTROCHIRURGICAUX POUR AUGMENTER LA SECURITE**
[72] GREGG, WILLIAM N., US
[72] BLAHA, DEREK M., US
[73] SHERWOOD SERVICES AG, CH
[85] 2006-04-18
[86] 2003-10-23 (PCT/US2003/033832)
[87] (WO2005/048809)

---

[11] **2,543,157**
[13] C
[51] **Int.Cl. F16K 1/30 (2006.01) F16K 31/40 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC VALVE**
[54] **SOUPAPE ELECTROMAGNETIQUE**
[72] PERTHEL, KLAUS, LU
[72] JAUSS, ANDREAS, DE
[73] PERTHEL, KLAUS, LU
[73] GM GLOBAL TECHNOLOGY OPERATIONS, INC., US
[85] 2006-04-20
[86] 2004-10-21 (PCT/EP2004/011913)
[87] (WO2005/040654)
[30] DE (103 49 378.6) 2003-10-21
[30] DE (103 61 781.7) 2003-12-31

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[11] **2,545,219**
[13] C
[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/7036 (2006.01) A61K 38/14 (2006.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01) B05B 12/02 (2006.01)**
[25] EN
[54] **EFFICIENT INTRODUCTION OF AN AEROSOL INTO A VENTILATOR CIRCUIT**
[54] **SYSTEME D'INTRODUCTION D'AEROSOL EFFICACE DANS UN CIRCUIT DE VENTILATEUR**
[72] ALSTON, WILLIAM W., US
[72] DWIVEDI, SARAVAJNA K., US
[72] TUCKER, GUY V., US
[73] NOVARTIS AG, CH
[85] 2006-05-05
[86] 2004-11-17 (PCT/US2004/038503)
[87] (WO2005/048982)
[30] US (60/523,011) 2003-11-17

[11] **2,545,503**
[13] C
[51] **Int.Cl. A61K 31/133 (2006.01) A61K 31/00 (2006.01) A61K 31/135 (2006.01) A61K 45/06 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **USE OF SPHINGOSINE-1-PHOSPHATE (S1P) RECEPTOR AGONISTS FOR THE TREATMENT OF BRAIN DEGENERATIVE DISEASES**
[54] **UTILISATION D'ANTAGONISTES DU RECEPTEUR DE SPHINGOSINE-1-PHOSPHATE (S1P) POUR LE TRAITEMENT DE MALADIES DEGENERATIVES DU CERVEAU**
[72] BRINKMANN, VOLKER, DE
[72] KANEIDER, NICOLE, AT
[72] WIEDERMANN, CHRISTIAN J., AT
[73] NOVARTIS AG, CH
[85] 2006-05-10
[86] 2004-12-17 (PCT/EP2004/014436)
[87] (WO2005/058295)
[30] GB (0329498.0) 2003-12-19

[11] **2,545,590**
[13] C
[51] **Int.Cl. C12N 15/10 (2006.01) C07K 7/04 (2006.01)**
[25] EN
[54] **TEMPLATE FIXED BETA-HAIRPIN LOOP MIMETICS AND THEIR USE IN PHAGE DISPLAY**
[54] **MIMETIQUES DE BOUCLE EN EPINGLE A CHEVEUX-BETA FIXEES A UNE MATRICE ET LEUR UTILISATION DANS L'EXPRESSION PHAGIQUE**
[72] VRIJBLOED, JAN WIM, CH
[72] OBRECHT, DANIEL, CH
[72] LOCURIO, SERGIO, CH
[72] GOMBERT, FRANK OTTO, DE
[72] LUDIN, CHRISTIAN, CH
[72] JUNG, FRANCOISE, CH
[73] POLYPHOR LTD., CH
[73] UNIVERSITAET ZUERICH, CH
[85] 2006-05-11
[86] 2003-11-15 (PCT/EP2003/012783)
[87] (WO2005/047503)

[11] **2,545,887**
[13] C
[51] **Int.Cl. B63H 16/04 (2006.01)**
[25] EN
[54] **ROWING OAR HANDLE**
[54] **POIGNEE D'AVIRON DE POINTE**
[72] WEBB, EMILY, GB
[73] WEBB, EMILY, GB
[86] (2545887)
[87] (2545887)
[22] 2006-05-05
[30] GB (GB-A-0509193.9) 2005-05-05

[11] **2,545,888**
[13] C
[51] **Int.Cl. B63H 16/04 (2006.01)**
[25] EN
[54] **ROWING OR SCULLING OAR HANDLE**
[54] **POIGNEE D'AVIRON DE POINTE OU DE COUPLE**
[72] WEBB, EMILY, GB
[73] WEBB, EMILY, GB
[86] (2545888)
[87] (2545888)
[22] 2006-05-05
[30] GB (GB-A-0509194.7) 2005-05-05

[11] **2,545,997**
[13] C
[51] **Int.Cl. H01M 8/18 (2006.01) E21B 17/00 (2006.01) H01M 8/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **FUEL CELL APPARATUS AND METHOD FOR DOWNHOLE POWER SYSTEMS**
[54] **APPAREIL A PILE A COMBUSTIBLE ET METHODE POUR SYSTEMES GENERATEURS POUR FOREUSE**
[72] ZHANG, WENLIN, US
[72] RAMAKRISHNAN, TERIZHANDUR S., US
[72] WALTER, JOSEPH, US
[72] PEREZ, ALBERT, JR., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2545997)
[87] (2545997)
[22] 2006-05-08
[30] US (11/126,524) 2005-05-11

[11] **2,546,605**
[13] C
[51] **Int.Cl. B65D 1/02 (2006.01) B29C 49/00 (2006.01)**
[25] EN
[54] **A PREFORM OF A PLASTIC CONTAINER PARTICULARLY FOR PACKAGING FOODSTUFFS**
[54] **PREFORME D'UN CONTENANT PLASTIQUE CONCUE NOTAMMENT POUR EMBALLER DES ALIMENTS**
[72] MILKOWSKI, BOGUMIL, PL
[72] LEWANDOWSKI, DARIUSZ, PL
[72] TOBOROWICZA, ANDRZEJ, PL
[73] INVENTO SPOLKA Z O.O., PL
[85] 2006-05-18
[86] 2004-11-19 (PCT/PL2004/000092)
[87] (WO2005/049434)
[30] PL (P.363595) 2003-11-20

[11] **2,547,295**
[13] C
[51] **Int.Cl. C25B 1/04 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR THE MANUFACTURE OF ONE OR MORE GASES**
[54] **UN PROCEDE ET UN APPAREIL POUR PRODUIRE UN OU PLUSIEURS GAZ**
[72] ROINER, FRANZ, DE
[73] GENSCH, HENNING, DE
[73] GENSCH, BARBARA, DE
[73] ROINER, MARIA, DE
[73] ROINER, FRANZ, DE
[85] 2006-05-25
[86] 2004-11-26 (PCT/EP2004/013452)
[87] (WO2005/052214)
[30] DE (103 55 592.7) 2003-11-28
[30] DE (103 59 509.0) 2003-12-18

[11] **2,547,436**
[13] C
[51] **Int.Cl. C10M 159/00 (2006.01) C10M 141/00 (2006.01) F01M 1/00 (2006.01)**
[25] EN
[54] **LOW SAPS LUBRICATING OILS FOR VEHICLE ENGINES**
[54] **DES HUILES LUBRIFIANTES A FAIBLE TENEUR EN SAPS POUR LES MOTEURS DE VEHICULE**
[72] SHAW, ROBERT WILLIAM, GB
[72] KEENEY, ANGELA J., GB
[72] LOCKE, CHRISTOPHER J., GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
[86] (2547436)
[87] (2547436)
[22] 2006-05-19
[30] EP (05253122.5) 2005-05-20

---

[11] **2,547,958**
[13] C
[51] **Int.Cl. E04F 13/075 (2006.01) E04F 13/14 (2006.01)**
[25] EN
[54] **EXTERIOR FINISH SYSTEM**
[54] **SYSTEME DE REVETEMENT EXTERIEUR**
[72] EGAN, WILLIAM F., US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[86] (2547958)
[87] (2547958)
[22] 2006-05-25
[30] US (60/685,557) 2005-05-27

---

[11] **2,548,280**
[13] C
[51] **Int.Cl. A61F 2/966 (2013.01) A61M 25/01 (2006.01)**
[25] EN
[54] **RAPID-EXCHANGE DELIVERY SYSTEMS FOR SELF-EXPANDING STENTS**
[54] **SYSTEME D'ACHEMINEMENT A ECHANGE RAPIDE POUR STENTS AUTOEXPANSIBLES**
[72] GEISER, TIMOTHY A., US
[72] PETERSON, CHARLES R., US
[72] DENISON, ANDY, US
[72] KLOCKE, STEPHANIE, US
[72] PATEL, SAMIR, US
[72] LUBAS, JOANNA, US
[72] LUMAUIG, JOANNE, US
[72] LIND, KATHERN, US
[72] FITZGERALD, KEIF, US
[73] ABBOTT CARDIOVASCULAR SYSTEMS INC., US
[85] 2006-06-05
[86] 2004-10-20 (PCT/US2004/034559)
[87] (WO2005/055881)
[30] US (10/720,032) 2003-11-20

---

[11] **2,549,917**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 3/06 (2006.01)**
[25] EN
[54] **FILE SYSTEM STORING TRANSACTION RECORDS IN A STORAGE MEDIA**
[54] **SYSTEME D'ARCHIVAGE STOCKANT DES ENREGISTREMENTS DE TRANSACTION SUR UN SUPPORT DE DONNEES**
[72] DODGE, DAN, CA
[73] QNX SOFTWARE SYSTEMS LIMITED, CA
[86] (2549917)
[87] (2549917)
[22] 2006-06-09
[30] US (11/173994) 2005-07-01

---

[11] **2,549,932**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 11/00 (2006.01) C12N 9/10 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF HETEROLOGOUS GLYCOSYLATED PROTEINS IN BRYOPHYTE CELLS**
[54] **AMELIORATIONS APPORTEES OU ASSOCIEES A LA PRODUCTION DE PROTEINES**
[72] RESKI, RALF, DE
[72] DECKER, EVA, DE
[72] KOPRIVOVA, ANNA, GB
[72] GORR, GILBERT, DE
[72] STEMMER, CHRISTIAN, DE
[72] LIENHART, OTMAR, DE
[73] GREENOVATION BIOTECH GMBH, DE
[85] 2006-06-15
[86] 2003-12-18 (PCT/EP2003/014576)
[87] (WO2004/057002)
[30] EP (02028536.7) 2002-12-20
[30] EP (03022453.9) 2003-10-07

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[11] **2,551,460**
[13] C
[51] **Int.Cl. B23Q 3/12 (2006.01) B23B 31/10 (2006.01) B23B 31/11 (2006.01)**
[25] EN
[54] **INTERLOCKING TOOL HOLDER**
[54] **PORTE-OUTIL DE VERROUILLAGE**
[72] STOJANOVSKI, STOJAN, US
[73] STOJANOVSKI, STOJAN, US
[86] (2551460)
[87] (2551460)
[22] 2006-07-05
[30] US (11/413,847) 2006-04-29

[11] **2,552,640**
[13] C
[51] **Int.Cl. B65D 1/30 (2006.01) B65D 43/02 (2006.01) B65D 43/16 (2006.01)**
[25] EN
[54] **SEPARABLE PORTION CONTAINERS**
[54] **RECIPIENTS A PARTIES SEPARABLES**
[72] POUNDER, JOSEPH R., US
[72] HOKS, MARGARET P., US
[72] VAN HANDEL, GERALD J., US
[72] WHITMORE, REBECCA E., US
[72] BAKER, LOREN G., US
[72] RUSH, JONATHAN E., US
[73] DIXIE CONSUMER PRODUCTS LLC, US
[85] 2006-07-04
[86] 2005-01-05 (PCT/US2005/000240)
[87] (WO2005/068307)
[30] US (10/751,786) 2004-01-05
[30] US (10/911,044) 2004-08-04

[11] **2,552,971**
[13] C
[51] **Int.Cl. A61B 5/15 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO A BLOOD COLLECTION DEVICE**
[54] **AMELIORATIONS APPORTEES A UN DISPOSITIF DE PRELEVEMENT SANGUIN**
[72] CHANNER, DON, AU
[72] RODD, AARON, AU
[73] MEDIGARD LIMITED, AU
[85] 2006-07-10
[86] 2005-01-21 (PCT/AU2005/000063)
[87] (WO2005/070292)
[30] AU (2004900310) 2004-01-23

[11] **2,553,002**
[13] C
[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/022 (2012.01)**
[25] EN
[54] **AUTOMATED DRILL STRING POSITION SURVEY**
[54] **RELEVE AUTOMATIQUE DE LA POSITION D'UN TRAIN DE TIGES**
[72] KENISTON, SCOTT DAVID, AU
[72] LEVER, PAUL J. A., AU
[73] CMTE DEVELOPMENT LIMITED, AU
[85] 2006-07-10
[86] 2005-01-24 (PCT/AU2005/000076)
[87] (WO2005/071225)
[30] AU (2004900298) 2004-01-22

[11] **2,553,287**
[13] C
[51] **Int.Cl. A21D 6/00 (2006.01) A23L 1/10 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING AN ULTRAFINE-MILLED WHOLE-GRAIN WHEAT FLOUR AND PRODUCTS THEREOF**
[54] **PROCESSUS DE PRODUCTION DE FARINE DE BLE DE GRAINS ENTIERS TRES FINEMENT BROYES ET PRODUITS OBTENUS**
[72] KOROLCHUK, THEODORE, US
[72] ARNDT, ELIZABETH, US
[73] CONAGRA FOODS FOOD INGREDIENTS COMPANY, INC., US
[85] 2006-07-11
[86] 2004-12-17 (PCT/US2004/042357)
[87] (WO2005/058044)
[30] US (10/738,732) 2003-12-17
[30] US (10/945,199) 2004-09-20

[11] **2,553,339**
[13] C
[51] **Int.Cl. G01J 3/46 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING COLOUR PERCEPTION IN MULTI-LAYER SYSTEMS**
[54] **PROCEDE POUR DETERMINER LA PERCEPTION DES COULEURS DE SYSTEMES MULTICOUCHES**
[72] WENIGER, KIRSTEN, DE
[72] CAPPIUS, HANS-JOACHIM, DE
[72] MUELLER, GERHARD, DE
[73] DEGUDENT GMBH, DE
[85] 2006-07-13
[86] 2005-01-14 (PCT/EP2005/000319)
[87] (WO2005/068953)
[30] DE (10 2004 002 929.6) 2004-01-14

[11] **2,555,032**
[13] C
[51] **Int.Cl. H05B 6/70 (2006.01) C23C 14/00 (2006.01) C23C 16/00 (2006.01) H01L 21/469 (2006.01) H05B 6/72 (2006.01) H05B 6/74 (2006.01) H05B 31/26 (2006.01)**
[25] EN
[54] **CYLINDRICAL MICROWAVE CHAMBER**
[54] **CHAMBRE A MICRO-ONDES CYLINDRIQUE**
[72] DROZD, MICHAEL J., US
[72] DROZD, ESTHER, US
[73] INDUSTRIAL MICROWAVE SYSTEMS, L.L.C., US
[85] 2006-08-01
[86] 2005-01-31 (PCT/US2005/002767)
[87] (WO2005/079117)
[30] US (60/521,003) 2004-02-03

[11] **2,557,039**
[13] C
[51] **Int.Cl. F02F 1/16 (2006.01) F02F 1/10 (2006.01) F16J 10/04 (2006.01)**
[25] EN
[54] **CYLINDER LINER PROVIDING COOLANT SHUNT FLOW**
[54] **CHEMISE DE CYLINDRE ASSURANT LA CIRCULATION EN DERIVATION DU LIQUIDE DE REFROIDISSEMENT**
[72] JONES, JERRY A., US
[72] GAZIK, THOMAS F., US
[73] BUESCHER, ALFRED J., US
[86] (2557039)
[87] (2557039)
[22] 2006-08-23
[30] US (11/255,414) 2005-10-20

[11] **2,557,061**
[13] C
[51] **Int.Cl. A61K 38/36 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **FACTOR IXA FOR THE TREATMENT OF BLEEDING DISORDERS**
[54] **FACTEUR IXA POUR LE TRAITEMENT DE TROUBLES DE SAIGNEMENT**
[72] DONOVAN, SHANE, US
[72] BAKER, DONALD A., US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2006-08-21
[86] 2005-02-28 (PCT/US2005/006527)
[87] (WO2005/094873)
[30] US (60/554,726) 2004-03-19

[11] **2,558,234**
[13] C
[51] **Int.Cl. C12P 3/00 (2006.01) B01D 53/84 (2006.01) B01D 53/86 (2006.01) C01B 17/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE HIGH RECOVERY EFFICIENCY OF SULFUR FROM AN ACID GAS STREAM**
[54] **PROCEDE DESTINE AU RENDEMENT ELEVE DE RECUPERATION DE SOUFRE D'UN FLUX GAZEUX ACIDE**
[72] CHEN, JEN KAI, US
[72] HUFFMASTER, MICHAEL ARTHUR, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2006-08-31
[86] 2005-03-02 (PCT/US2005/006690)
[87] (WO2005/092479)
[30] US (60/549,685) 2004-03-03

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[11] **2,559,036**
[13] C
[51] **Int.Cl. C07D 473/18 (2006.01) A61K 31/522 (2006.01) A61K 31/5377 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **9-SUBSTITUTED 8-OXOADENINE COMPOUND**
[54] **COMPOSE 8-OXOADENINE 9-SUBSTITUE**
[72] KURIMOTO, AYUMU, JP
[72] HASHIMOTO, KAZUKI, JP
[72] ISOBE, YOSHIAKI, JP
[72] BROUGH, STEPHEN, GB
[72] MILLICHIP, IAN, GB
[72] WADA, HIROKI, GB
[72] BONNERT, ROGER, GB
[72] MCINALLY, THOMAS, GB
[73] DAINIPPON SUMITOMO PHARMA CO., LTD., JP
[73] ASTRAZENECA AKTIEBOLAG, SE
[85] 2006-09-07
[86] 2005-03-24 (PCT/JP2005/005401)
[87] (WO2005/092893)
[30] JP (2004-093672) 2004-03-26

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[11] **2,559,140**
[13] C
[51] **Int.Cl. E21B 7/20 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR ESTABLISHING AN UNDERGROUND WELL**
[54] **PROCEDE ET DISPOSITIF DE MISE EN PLACE D'UN PUITS SOUTERRAIN**
[72] VESTAVIK, OLA MICHAEL, NO
[73] REELWELL AS, NO
[85] 2006-09-07
[86] 2005-03-07 (PCT/NO2005/000082)
[87] (WO2005/085580)
[30] NO (20040993) 2004-03-08

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[11] **2,560,891**
[13] C
[51] **Int.Cl. C07K 14/705 (2006.01) C12N 15/62 (2006.01)**
[25] FR
[54] **VACCINE COMPOSITION COMPRISING A CLASS II CMH LIGAND COUPLED WITH AN ANTIGEN, METHOD FOR THE PREPARATION AND THE USE THEREOF**
[54] **COMPOSITION DE VACCIN COMPRENANT UN LIGAND CMH DE CLASSE II COUPLE A UN ANTIGENE, PROCEDE DE PREPARATION ET UTILISATIONS**
[72] TRIEBEL, FREDERIC, FR
[73] IMMUTEP, FR
[85] 2006-09-22
[86] 2005-04-13 (PCT/FR2005/000894)
[87] (WO2005/103079)
[30] FR (0403848) 2004-04-13

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[11] **2,563,011**
[13] C
[51] **Int.Cl. G01N 1/22 (2006.01)**
[25] EN
[54] **METHOD FOR SAMPLING FLUE GAS FOR ANALYSIS CONTAINING GAS COMPONENT HAVING HIGH SUSCEPTIBILITY TO ADSORPTION**
[54] **METHODE D'ECHANTILLONNAGE DE GAZ DE CARNEAU POUR ANALYSE CONTENANT UN COMPOSANT DE GAZ AYANT UNE FORTE PROPENSION A L'ADSORPTION**
[72] SHIMADA, HIROSHI, JP
[72] TAMURA, SHINYA, JP
[72] TOKUNAGA, NAOYUKI, JP
[72] KIKKAWA, MEGUMI, JP
[73] THE CHUGOKU ELECTRIC POWER CO., INC., JP
[85] 2006-09-29
[86] 2004-04-01 (PCT/JP2004/004813)
[87] (WO2005/100947)

---

[11] **2,563,506**
[13] C
[51] **Int.Cl. H04W 4/18 (2009.01) H04W 56/00 (2009.01) H04W 72/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISTRIBUTING MULTIMEDIA CONTENTS THROUGH A WIRELESS COMMUNICATIONS NETWORK, PARTICULARLY A MOBILE TELEPHONY NETWORK**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE CONTENUS MULTIMEDIA DANS UN RESEAU DE COMMUNICATION MOBILE SANS FIL**
[72] SORBARA, DAVIDE, IT
[72] ZUCCA, ENRICO, IT
[72] MADELLA, MARIO, IT
[72] CATALANO, GIUSEPPE, IT
[73] TELECOM ITALIA S.P.A., IT
[85] 2006-10-11
[86] 2004-04-14 (PCT/EP2004/050517)
[87] (WO2005/101752)

[11] **2,564,659**
[13] C
[51] **Int.Cl. H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **MODULATION METHOD AND APPARATUS FOR DIMMING AND/OR COLOUR MIXING LEDS**
[54] **METHODE DE MODULATION ET APPAREIL SERVANT A LA GRADATION OU AU MELANGE DES COULEURS DES DEL**
[72] NEUDORF, JASON, CA
[72] LYONS, STEVE, CA
[72] TIKKANEN, DAVID, CA
[73] LUMASTREAM CANADA ULC, CA
[86] (2564659)
[87] (2564659)
[22] 2006-10-19
[30] US (60/735,220) 2005-11-10
[30] US (60/796,550) 2006-05-02

[11] **2,566,322**
[13] C
[51] **Int.Cl. C22B 5/14 (2006.01) C21B 13/00 (2006.01)**
[25] EN
[54] **DIRECT REDUCTION PROCESS USING A SINGLE FLUIDISED BED**
[54] **PROCEDE DE REDUCTION DIRECTE UTILISANT UN SEUL LIT FLUIDISE**
[72] ORTH, ANDREAS, DE
[72] EICHBERGER, HEINZ, DE
[72] PHILP, DONALD KEITH, AU
[72] DRY, ROD, AU
[73] OUTOTEC OYJ, FI
[85] 2006-11-09
[86] 2005-05-20 (PCT/EP2005/005472)
[87] (WO2005/116280)
[30] AU (2004902900) 2004-05-31

[11] **2,567,480**
[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **MULTI-STATE ALARM SYSTEM FOR A MEDICAL PUMP**
[54] **SYSTEME D'ALARME MULTI-ETATS POUR UNE POMPE MEDICALE**
[72] STEWART, JANICE, US
[72] MEINZER, RANDOLPH, US
[72] BELLO, DEBRA K., US
[72] MULLAN, JANET, US
[72] WONG, LAI H., US
[72] TODD, BRETT, US
[72] KIVLEHAN, TODD, US
[73] BAXTER INTERNATIONAL INC., US
[85] 2006-11-21
[86] 2005-04-19 (PCT/US2005/013283)
[87] (WO2005/118028)
[30] US (10/855,857) 2004-05-27

[11] **2,568,855**
[13] C
[51] **Int.Cl. B44D 3/12 (2006.01) B44D 3/10 (2006.01)**
[25] EN
[54] **A COATING COMBINATION**
[54] **COMBINAISON DE REVETEMENT**
[72] WREN, GARY THOMAS, GB
[72] LAMB, JOHN DAVID, GB
[72] TARKOWSKI, JOHANNA BARBARA, GB
[72] LEWKOWICZ, MICHAEL, GB
[72] PREBBLE, JILLIAN MARGARET, GB
[73] IMPERIAL CHEMICAL INDUSTRIES LIMITED, GB
[85] 2006-12-01
[86] 2005-05-25 (PCT/EP2005/005750)
[87] (WO2005/120864)
[30] GB (0412711.4) 2004-06-08
[30] GB (0427909.7) 2004-12-21

[11] **2,569,729**
[13] C
[51] **Int.Cl. A61K 31/401 (2006.01) A61K 31/405 (2006.01) A61P 31/20 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PEPTIDOMIMETIC INHIBITORS OF RETROVIRAL PROTEASES AND THEIR USE AS ANTIVIRALS**
[54] **INHIBITEURS PEPTIDOMIMETIQUES DE PROTEASES RETROVIRALES ET LEURS UTILISATIONS EN TANT QU'ANTIVIRAUX**
[72] BENEDETTI, FABIO, IT
[72] TOSSI, ALESSANDRO, IT
[72] BERTI, FEDERICO, IT
[72] CAMPANER, PIETRO, IT
[72] DINON, FRANCESCA, IT
[73] UNIVERSITA' DEGLI STUDI DI TRIESTE, IT
[85] 2006-12-07
[86] 2005-06-15 (PCT/EP2005/052770)
[87] (WO2005/123067)
[30] IT (PD2004A000151) 2004-06-15

[11] **2,570,144**
[13] C
[51] **Int.Cl. A61B 5/02 (2006.01)**
[25] EN
[54] **REAL-TIME MEASUREMENT OF VENTRICULAR STROKE VOLUME VARIATIONS BY CONTINUOUS ARTERIAL PULSE CONTOUR ANALYSIS**
[54] **MESURE EN TEMPS REEL DES VARIATIONS DU VOLUME D'EJECTION SYSTOLIQUE VENTRICULAIRE PAR SUIVI CONTINU DE CONTOUR DU POULS ARTERIEL**
[72] HATIB, FERAS, US
[72] ROTELIUK, LUCHY, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2006-12-12
[86] 2005-07-13 (PCT/US2005/025177)
[87] (WO2006/020037)
[30] US (10/890,887) 2004-07-14
[30] US (11/085,957) 2005-03-22

[11] **2,570,269**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **DISTRIBUTED RESOURCE RESERVATION IN A WIRELESS ADHOC NETWORK**
[54] **RESERVATION DE RESSOURCES DANS UN RESEAU PONCTUEL SANS FIL**
[72] HABETHA, JOERG, DE
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2006-12-13
[86] 2005-06-10 (PCT/IB2005/051927)
[87] (WO2005/125047)
[30] EP (04102754.1) 2004-06-16

---

[11] **2,570,314**
[13] C
[51] **Int.Cl. E21B 43/08 (2006.01)**
[25] EN
[54] **A WELL SCREEN**
[54] **ECRAN DE PUITS**
[72] KLUGER, DIETER ADOLF, SG
[72] DOWSETT, GRAEME JOHN, SG
[73] COMPLETION PRODUCTS PTE. LTD., SG
[85] 2006-12-14
[86] 2004-06-16 (PCT/SG2004/000181)
[87] (WO2004/111384)
[30] SG (200303719-9) 2003-06-17

---

[11] **2,571,730**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANALYSIS OF INTRACELLULAR MODIFICATIONS**
[54] **ANALYSE DE MODIFICATIONS INTRACELLULAIRES**
[72] HORECKA, JOSEPH, US
[72] FUNG, PETER, US
[72] EGLEN, RICHARD M., US
[73] DISCOVERX CORPORATION, US
[85] 2006-12-21
[86] 2005-06-29 (PCT/US2005/023287)
[87] (WO2006/004936)
[30] US (60/584,709) 2004-06-30

---

[11] **2,572,137**
[13] C
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 7/12 (2006.01) B32B 15/08 (2006.01) B32B 27/28 (2006.01) B32B 33/00 (2006.01)**
[25] EN
[54] **PANEL STRUCTURE**
[54] **STRUCTURE DE PANNEAU**
[72] CARLSON, DAVID, US
[72] MADAUS, BRANDON, US
[72] HARTHCOCK, MATTHEW, US
[72] BARTON, KEARNEY, US
[72] TAYLOR, C. L., US
[72] WALKER, JASON, US
[73] ZEPHYROS, INC., US
[85] 2006-12-18
[86] 2005-06-15 (PCT/US2005/021166)
[87] (WO2006/132641)
[30] US (60/581,190) 2004-06-18
[30] US (11/151,957) 2005-06-14

---

[11] **2,572,486**
[13] C
[51] **Int.Cl. F15B 11/032 (2006.01) B21B 31/32 (2006.01) B21B 37/62 (2006.01)**
[25] EN
[54] **PRESSURE-MEDIUM CYLINDER WITH PRESSURE INTENSIFICATION**
[54] **CYLINDRE A MILIEU SOUS PRESSION A INTENSIFIER**
[72] LANGEDER, RUDOLF, AT
[73] SIEMENS VAI METALS TECHNOLOGIES GMBH, AT
[85] 2006-12-29
[86] 2005-06-16 (PCT/EP2005/006476)
[87] (WO2006/002772)
[30] AT (A 1123/2004) 2004-07-02

---

[11] **2,572,686**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 43/12 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **MONITORING FLUID PRESSURE IN A WELL AND RETRIEVABLE PRESSURE SENSOR ASSEMBLY FOR USE IN THE METHOD**
[54] **MESURE DE LA PRESSION D'UN FLUIDE DANS UN PUITS ET MANOMETRE RECUPERABLE A CET USAGE**
[72] GRIFFITHS, NEIL, NL
[72] HALL, JAMES WILLIAM, NL
[73] SHELL CANADA LIMITED, CA
[85] 2007-01-02
[86] 2005-07-04 (PCT/EP2005/053162)
[87] (WO2006/003190)
[30] EP (04254033.6) 2004-07-05

---

[11] **2,572,779**
[13] C
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 4/04 (2006.01) E21B 4/18 (2006.01) E21B 21/00 (2006.01) E21B 23/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DRILLING WELLBORES**
[54] **SYSTEME ET PROCEDE DE FORAGE DE PUITS**
[72] JOHNSON, ASHLEY, GB
[72] COOPER, IAIN, US
[72] ODDIE, GARY, GB
[72] LAVRUT, ERIC, FR
[72] KOTSONIS, SPYRO, FR
[72] ACQUAVIVA, PIERRE-JEROME, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2007-01-02
[86] 2005-06-14 (PCT/GB2005/002352)
[87] (WO2006/010877)
[30] GB (0416547.8) 2004-07-24

---

[11] **2,574,258**
[13] C
[51] **Int.Cl. A61F 5/44 (2006.01)**
[25] EN
[54] **COLOSTOMY BAG CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE DE SAC DE COLOSTOMIE**
[72] SCHENA, KENNETH R., US
[72] SCHENA, BLAINE M., US
[73] SCHENA OSTOMY TECHNOLOGIES, INC., US
[85] 2007-01-18
[86] 2005-06-20 (PCT/IB2005/052022)
[87] (WO2006/000985)
[30] US (10/874,294) 2004-06-21

[11] **2,575,767**
[13] C
[51] **Int.Cl. A46B 3/16 (2006.01) A46B 3/22 (2006.01) A46B 9/04 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HAVING CLEANING ELEMENTS FORMING A CONTOURED CLEANING PROFILE**
[54] **BROSSE A DENTS DOTEE D'ELEMENTS BROSSANTS FORMANT UN PROFIL DE BROSSAGE ADAPTE**
[72] SORRENTINO, ALAN V., US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2007-01-31
[86] 2005-10-25 (PCT/US2005/038810)
[87] (WO2006/050039)
[30] US (10/978,477) 2004-11-02

[11] **2,579,186**
[13] C
[51] **Int.Cl. G01N 37/00 (2006.01) B23K 26/38 (2006.01) B23K 26/40 (2006.01) G01N 21/78 (2006.01) G01N 27/26 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF A MULTI-LAYER ANALYSIS ELEMENT**
[54] **METHODE DE PRODUCTION D'UN ELEMENT D'ANALYSE MULTICOUCHE**
[72] ROEPER, JOSEF, DE
[72] FINKE, WERNER, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2579186)
[87] (2579186)
[22] 2007-02-20
[30] EP (06111117.5) 2006-03-14

[11] **2,579,378**
[13] C
[51] **Int.Cl. A61K 31/485 (2006.01)**
[25] EN
[54] **TREATMENT OF DISEASES USING NALMEFENE AND ITS ANALOGS**
[54] **PROCEDE POUR TRAITER DES MALADIES AU MOYEN DE NALMEFENE ET DE SES ANALOGUES**
[72] WU, EDWIN S. C., US
[73] JENKEN BIOSCIENCES, INC., US
[85] 2007-03-05
[86] 2005-09-06 (PCT/US2005/031737)
[87] (WO2006/029167)
[30] US (10/936,431) 2004-09-08

[11] **2,581,654**
[13] C
[51] **Int.Cl. H04B 10/291 (2013.01)**
[25] EN
[54] **CASCADED PUMP DELIVERY FOR REMOTELY PUMPED ERBIUM-DOPED FIBER AMPLIFIERS**
[54] **POMPAGE EN CASCADE POUR AMPLIFICATEURS FIBRES DOPES A L'ERBIUM A POMPAGE A DISTANCE**
[72] CLEMENTS, WALLACE, CA
[72] KARPOV, VLADIMIR, CA
[72] IVANOV, VLADIMIR, CA
[72] PAPERNYI, SERGUEI, CA
[73] MPB COMMUNICATIONS INC., CA
[85] 2007-03-26
[86] 2004-09-28 (PCT/CA2004/001754)
[87] (WO2006/034562)

[11] **2,582,340**
[13] C
[51] **Int.Cl. A01N 25/00 (2006.01) A01N 25/26 (2006.01) A01N 37/36 (2006.01) A01N 43/22 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01N 43/90 (2006.01) A01N 47/02 (2006.01) A01N 51/00 (2006.01) A01N 53/00 (2006.01) A01P 7/04 (2006.01) A01P 19/00 (2006.01)**
[25] EN
[54] **ONE STEP FIRE ANT CONTROL**
[54] **LUTTE DIRECTE CONTRE LES FOURMIS DE FEU**
[72] STEWARD, VICTOR BRUCE, US
[73] BAYER CROPSCIENCE LP, US
[85] 2007-03-29
[86] 2005-09-27 (PCT/US2005/034659)
[87] (WO2006/039289)
[30] US (10/956,504) 2004-10-01

[11] **2,582,470**
[13] C
[51] **Int.Cl. B01J 19/00 (2006.01) C07K 1/04 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **COMPARTMENTALISED COMBINATORIAL CHEMISTRY BY MICROFLUIDIC CONTROL**
[54] **CHIMIE COMBINATOIRE A COMPARTIMENTALISATION PAR CONTROLE MICROFLUIDIQUE**
[72] GRIFFITHS, ANDREW, GB
[72] WEITZ, DAVID, US
[72] LINK, DARREN, US
[72] AHN, KEUNHO, US
[72] BIBETTE, JEROME, FR
[73] MEDICAL RESEARCH COUNCIL, GB
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2007-04-04
[86] 2005-10-12 (PCT/GB2005/003927)
[87] (WO2006/040554)
[30] US (10/962,952) 2004-10-12

[11] **2,582,578**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **SIMULTANEOUS SEQUENCE ANALYSIS OF AMINO- AND CARBOXY- TERMINI**
[54] **ANALYSE DE SEQUENCE SIMULTANEE DE TERMINAISONS AMINO- ET CARBOXY-**
[72] HUNT, DONALD F., US
[72] COON, JOSHUA J., US
[72] SYKA, JOHN EDWARD PHILIP, US
[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[85] 2007-04-02
[86] 2005-10-07 (PCT/US2005/036337)
[87] (WO2006/042187)
[30] US (60/617,125) 2004-10-08

[11] **2,582,653**
[13] C
[51] **Int.Cl. F16D 1/00 (2006.01) B23P 15/00 (2006.01) F16D 1/02 (2006.01) F16D 1/10 (2006.01) F16D 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COUPLING COMPONENTS**
[54] **PROCEDE ET APPAREIL POUR RELIER DES COMPOSANTS**
[72] WIESLAW, MUSKUS, US
[72] PAREKH, JYOTISH, US
[72] POST, JEFFREY, US
[73] KAMATICS CORPORATION, US
[85] 2007-04-04
[86] 2005-10-06 (PCT/US2005/036397)
[87] (WO2006/042216)
[30] US (10/963, 209) 2004-10-11

---

[11] **2,582,993**
[13] C
[51] **Int.Cl. A61K 36/53 (2006.01)**
[25] EN
[54] **USE OF LAVENDER OIL FOR THE PROPHYLAXIS AND TREATMENT OF NEURASTHENIA, SOMATIZATION DISORDERS AND OTHER STRESS-ASSOCIATED DISEASES**
[54] **UTILISATION D'HUILE DE LAVANDE POUR LA PROPHYLAXIE ET LE TRAITEMENT DE LA NEURASTHENIE, DE TROUBLES SOMATIQUES ET D'AUTRES MALADIES ASSOCIEES AU STRESS**
[72] DIENEL, ANGELIKA, DE
[72] NOELDNER, MICHAEL, DE
[73] DR. WILLMAR SCHWABE GMBH & CO. KG, DE
[85] 2007-04-04
[86] 2005-10-05 (PCT/EP2005/010732)
[87] (WO2006/037629)
[30] DE (10 2004 048 716.2) 2004-10-06

---

[11] **2,583,169**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR CONTROLLING DRILLING PARAMETERS**
[54] **SYSTEME ET PROCEDE DESTINES A REGULER LES PARAMETRES DE FORAGE**
[72] PETTERSSON, MARIA, SE
[73] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2007-04-10
[86] 2005-11-29 (PCT/SE2005/001790)
[87] (WO2006/062460)
[30] SE (0403009-4) 2004-12-10

---

[11] **2,583,436**
[13] C
[51] **Int.Cl. F25B 31/00 (2006.01) F04B 39/02 (2006.01)**
[25] EN
[54] **OIL BALANCE SYSTEM AND METHOD FOR COMPRESSORS CONNECTED IN SERIES**
[54] **SYSTEME ET METHODE D'EQUILIBRAGE DE L'HUILE DES COMPRESSEURS RACCORDES EN SERIE**
[72] SHAW, DAVID, US
[73] NORTHEAST BANK, US
[85] 2007-04-05
[86] 2005-09-27 (PCT/US2005/034651)
[87] (WO2006/041682)
[30] US (10/959,254) 2004-10-06

---

[11] **2,584,170**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHENYLUREA DERIVATIVES AS INHIBITORS OF TYROSINE KINASES FOR THE TREATMENT OF TUMOUR DISEASES**
[54] **DERIVES DE PHENYLUREE COMME INHIBITEURS DE TYROSINE KINASE POUR LE TRAITEMENT MALADIES A TUMEUR**
[72] STAEHLE, WOLFGANG, DE
[72] HOELZEMANN, GUENTER, DE
[72] RAUTENBERG, WILFRIED, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2007-04-11
[86] 2005-09-16 (PCT/EP2005/009983)
[87] (WO2006/042599)
[30] DE (04024368.5) 2004-10-13

---

[11] **2,584,616**
[13] C
[51] **Int.Cl. D06F 57/12 (2006.01)**
[25] EN
[54] **FOLDING AND WALL-MOUNTABLE FRAME SUCH AS FOR A DRYING DEVICE**
[54] **CADRE PLIANT A MONTAGE MURAL, PAR EXEMPLE POUR DISPOSITIF DE SECHAGE**
[72] MELTZER, REINOUT IGNATIUS MAXIMILIAAN MARIA, NL
[73] BRABANTIA NEDERLAND B.V., NL
[85] 2007-04-18
[86] 2005-06-28 (PCT/NL2005/000458)
[87] (WO2006/004397)
[30] NL (1026543) 2004-07-01

[11] **2,584,667**
[13] C
[51] **Int.Cl. F16K 11/07 (2006.01)**
[25] EN
[54] **AIR VALVE FOR AN AIR DRIVEN RECIPROCATING DEVICE**
[54] **ROBINET D'ADMISSION D'AIR POUR UN INVERSEUR ACTIONNE A L'AIR**
[72] LENT, GARY K., US
[72] FORMAN, ERIC L., US
[73] WILDEN PUMP AND ENGINEERING LLC, US
[85] 2007-04-16
[86] 2005-10-18 (PCT/US2005/037485)
[87] (WO2006/044915)
[30] US (10/968,859) 2004-10-18

---

[11] **2,585,815**
[13] C
[51] **Int.Cl. F01D 5/14 (2006.01) F04D 29/38 (2006.01)**
[25] FR
[54] **AIRFOIL OPTIMIZED FOR A TURBINE BLADE**
[54] **PROFIL AERODYNAMIQUE OPTIMISE POUR UNE AUBE DE TURBINE**
[72] BOTREL, ERWAN DANIEL, FR
[72] LAFARGE, GREGORY PIERRE, FR
[72] PICOT, PHILIPPE, FR
[73] SNECMA, FR
[86] (2585815)
[87] (2585815)
[22] 2007-04-19
[30] FR (0651384) 2006-04-20

---

[11] **2,585,937**
[13] C
[51] **Int.Cl. H03G 3/00 (2006.01)**
[25] EN
[54] **UNNATURAL REVERBERATION**
[54] **REVERBERATION ARTIFICIELLE**
[72] BURWEN, RICHARD S., US
[73] BURWEN, RICHARD S., US
[85] 2007-04-25
[86] 2005-10-21 (PCT/US2005/038126)
[87] (WO2006/047387)
[30] US (60/622,294) 2004-10-26

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[11] **2,587,169**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61J 3/00 (2006.01)**
[25] EN
[54] **DOSAGE FORMS HAVING A MICRORELIEFED SURFACE AND METHODS AND APPARATUS FOR THEIR PRODUCTION**
[54] **FORMES DE DOSES POSSEDANT UNE SURFACE A MICRO RELIEFS ET PROCEDE ET APPAREIL DE PRODUCTION DE CELLES-CI**
[72] BUNICK, FRANK J., US
[72] CHEN, JEN-CHI, US
[73] MCNEIL-PPC, INC., US
[85] 2007-04-24
[86] 2005-10-26 (PCT/US2005/038809)
[87] (WO2006/047695)
[30] US (60/622,631) 2004-10-27
[30] US (11/235,841) 2005-09-27

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[11] **2,587,661**
[13] C
[51] **Int.Cl. F04B 1/20 (2006.01) F04B 1/22 (2006.01) F04B 23/06 (2006.01) F16H 23/00 (2006.01)**
[25] EN
[54] **HYDRAULIC POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN ENERGIE HYDRAULIQUE**
[72] KADLICKO, GEORGE, US
[73] CONCENTRIC ROCKFORD INC., US
[85] 2007-05-16
[86] 2005-12-01 (PCT/US2005/043588)
[87] (WO2006/060639)
[30] US (60/632,177) 2004-12-01

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[11] **2,587,687**
[13] C
[51] **Int.Cl. F16L 33/04 (2006.01)**
[25] EN
[54] **PIPE CLAMP WITH IMPROVED FASTENER**
[54] **COLLIER DE SERRAGE DE TUYAU COMPRENANT UN ELEMENT DE FIXATION AMELIORE**
[72] IGNACZAK, BRIAN T., US
[72] AMEDURE, MICHAEL E., US
[73] NORMA U.S. HOLDING LLC, US
[85] 2007-05-15
[86] 2005-11-21 (PCT/US2005/042507)
[87] (WO2006/055966)
[30] US (60/629,569) 2004-11-19

---

[11] **2,587,840**
[13] C
[51] **Int.Cl. A46B 15/00 (2006.01) A46B 9/06 (2006.01) A61B 17/24 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT WITH FLEXIBLE SUPPORT**
[54] **INSTRUMENT DE SOINS BUCCO-DENTAIRES AVEC SUPPORT FLEXIBLE**
[72] MOSKOVICH, ROBERT, US
[72] GATZEMEYER, JOHN J., US
[72] RUSSELL, BRUCE M., US
[72] ANDERSEN, PETER, AT
[72] CASINI, LUCA, IT
[72] HANCOCK, JOHN, GB
[72] HOHLBEIN, DOUGLAS J., US
[72] JIMENEZ, EDUARDO, US
[72] KUECHLER, THOMAS, CH
[72] LANGGNER, TANJA, GB
[72] MINTEL, THOMAS E., US
[72] ROONEY, MICHAEL, US
[72] SORRENTINO, ALAN V., US
[72] STORZ, JOACHIM, AT
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2007-05-16
[86] 2005-11-16 (PCT/US2005/041385)
[87] (WO2006/055572)
[30] US (10/989,267) 2004-11-17
[30] US (11/019,671) 2004-12-23
[30] US (11/122,258) 2005-05-05

---

[11] **2,587,924**
[13] C
[51] **Int.Cl. A61K 9/22 (2006.01) A61K 31/722 (2006.01) A61K 31/785 (2006.01) A61K 33/08 (2006.01) A61P 3/12 (2006.01) A61P 7/00 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **ORAL COMPOSITIONS FOR ABSORPTION OF PHOSPHORUS COMPOUNDS**
[54] **COMPOSITIONS ORALES D'ABSORPTION DE COMPOSES PHOSPHORE**
[72] SAVICA, VINCENZO, IT
[73] CM&D PHARMA LIMITED, GB
[85] 2007-05-18
[86] 2005-11-29 (PCT/EP2005/056289)
[87] (WO2006/061336)
[30] IT (ME2004A000015) 2004-12-07

[11] **2,588,630**
[13] C
[51] **Int.Cl. H04N 21/436 (2011.01) H04L 9/32 (2006.01) H04N 5/76 (2006.01) H04N 21/25 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURE TRANSFER OF PREVIOUSLY BROADCASTED CONTENT**
[54] **PROCEDE ET APPAREIL DE TRANSFERT SECURISE D'UN CONTENU DIFFUSE PRECEDEMMENT**
[72] VAN STAM, WIJNAND, US
[73] TIVO INC., US
[85] 2007-05-10
[86] 2005-11-21 (PCT/US2005/042191)
[87] (WO2006/055920)
[30] US (60/630,398) 2004-11-19

---

[11] **2,589,497**
[13] C
[51] **Int.Cl. C07C 57/58 (2006.01) A61K 31/192 (2006.01) A61K 31/196 (2006.01) A61K 31/277 (2006.01) A61K 31/44 (2006.01) A61P 9/10 (2006.01) C07C 51/347 (2006.01) C07D 213/55 (2006.01)**
[25] EN
[54] **NOVEL SPECIFIC CASPASE-10 INHIBITORS**
[54] **NOUVEAUX INHIBITEURS SPECIFIQUES DE LA CASPASE-10**
[72] LARDY, CLAUDE, FR
[72] LECOMTE, MARC, FR
[72] VIDAL, CATHERINE, FR
[72] CONVARD, THIERRY, FR
[72] YVON, STEPHANE, FR
[72] DENUAULT, MARIE NOELLE, FR
[72] DESCOURS, DENIS, FR
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2007-05-30
[86] 2005-11-02 (PCT/EP2005/011686)
[87] (WO2006/058592)
[30] FR (0412765) 2004-12-01

---

[11] **2,589,790**
[13] C
[51] **Int.Cl. C08F 14/06 (2006.01)**
[25] EN
[54] **POLYMERISATION OF VINYL CHLORIDE MONOMER**
[54] **POLYMERISATION D'UN MONOMERE CHLORURE DE VINYLE**
[72] FERGUSON, PAUL ANDREW, GB
[72] GALLIGAN, JILL, GB
[72] HARVEY, RAYMOND JOHN, GB
[73] INEOS TECHNOLOGIES (VINYLS) LIMITED, GB
[85] 2007-05-31
[86] 2005-12-14 (PCT/GB2005/004823)
[87] (WO2006/064226)
[30] GB (0427390.0) 2004-12-14

---

[11] **2,591,039**
[13] C
[51] **Int.Cl. F16K 5/20 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **AXIALLY ENERGISABLE BALL VALVE**
[54] **CLAPET A BILLE A ACTIONNEMENT AXIAL**
[72] COWIE, GAVIN DAVID, GB
[72] EDWARDS, JEFFREY CHARLES, GB
[73] ENOVATE SYSTEMS LIMITED, GB
[85] 2007-06-14
[86] 2005-12-12 (PCT/GB2005/004805)
[87] (WO2006/064215)
[30] GB (0427400.7) 2004-12-15

---

[11] **2,591,192**
[13] C
[51] **Int.Cl. C11D 1/72 (2006.01) A47L 13/17 (2006.01) C09K 3/00 (2006.01) C09K 3/22 (2006.01) C11D 3/18 (2006.01) C11D 3/382 (2006.01) C11D 3/48 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **OIL FOR DUST ADSORPTION**
[54] **HUILE POUR ADSORPTION DE LA POUSSIERE**
[72] KIMURA, SUMI, JP
[72] KAKARA, YASUYUKI, JP
[72] MITSUHASHI, HIROKAZU, JP
[73] UNICHARM CORPORATION, JP
[73] SANYO CHEMICAL INDUSTRIES LTD., JP
[85] 2007-06-19
[86] 2005-12-28 (PCT/JP2005/024060)
[87] (WO2006/070864)
[30] JP (2004-381680) 2004-12-28
[30] JP (2005-246058) 2005-08-26

---

[11] **2,591,219**
[13] C
[51] **Int.Cl. A62C 3/00 (2006.01)**
[25] EN
[54] **DEVICE FOR LIMITING THE ULTIMATE CONSEQUENCES OF A FAILURE TO BRING UNDER CONTROL A MASS FIRE IN A STORAGE BIN FOR HAZARDOUS MATERIALS**
[54] **DISPOSITIF PERMETTANT DE LIMITER LES CONSEQUENCES ULTIMES D'UNE PERTE DE CONTROLE D'UN INCENDIE IMPORTANT DANS UN RESERVOIR DE STOCKAGE DE MATIERES DANGEREUSES**
[72] NEUMANN, MATHIEU, FR
[72] DELAFORGE, THIERRY, FR
[72] BOIS, DOMINIQUE, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2007-06-07
[86] 2005-12-15 (PCT/FR2005/051091)
[87] (WO2006/067348)
[30] FR (04 53096) 2004-12-20

---

[11] **2,591,229**
[13] C
[51] **Int.Cl. A23K 1/18 (2006.01)**
[25] EN
[54] **TRIPOLYPHOSPHATE PET FOOD PALATABILITY ENHANCERS**
[54] **AMELIORATEURS D'APPETENCE D'ALIMENTS POUR ANIMAUX AU TRIPOLYPHOSPHATE**
[72] LEE, YANIEN, US
[72] SHI, ZULIN, US
[72] TANG, JIUNN-YANN, US
[72] WANG, HUOY-JIUN, US
[73] APPLIED FOOD BIOTECHNOLOGY, INC., US
[85] 2007-06-08
[86] 2004-12-09 (PCT/US2004/041145)
[87] (WO2006/062519)

[11] **2,591,503**
[13] C
[51] **Int.Cl. B60N 2/28 (2006.01) B60N 2/02 (2006.01)**
[25] EN
[54] **AN INFANT SEAT FOR MOTORCARS**
[54] **SIEGE D'AUTO POUR BEBE**
[72] JANE SANTAMARIA, MANUEL, ES
[73] JANE, S.A., ES
[86] (2591503)
[87] (2591503)
[22] 2007-06-14
[30] ES (ES 200601557 U) 2006-06-30

---

[11] **2,591,851**
[13] C
[51] **Int.Cl. D21D 5/00 (2006.01) D21C 9/00 (2006.01)**
[25] EN
[54] **PROCEDURE AND APPARATUS FOR THE CONCENTRATION OF HYDROPHOBIC MATERIALS**
[54] **APPAREILLAGE ET PROCEDE DE CONCENTRATION PAR FLOTTATION DE MATERIAUX HYDROPHOBES CONTENUS EN MILIEU AQUEUX PAR APPORT DE GAZ**
[72] FUNES, DANIEL ZVONIMIR URIZAR, CL
[73] FUNES, DANIEL ZVONIMIR URIZAR, CL
[86] (2591851)
[87] (2591851)
[22] 2007-06-18
[30] CL (1547/2006) 2006-06-19

---

[11] **2,591,894**
[13] C
[51] **Int.Cl. C07D 211/70 (2006.01) C07D 211/82 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING 1-BENZYL-4-[(5,6-DIMETHOXY-1-INDANON-2-YL)METHYL] PIPERIDINE OR ITS SALT THEREOF VIA NOVEL INTERMEDIATE**
[54] **PROCEDE DE SYNTHESE DE LA 1-BENZYL-4-[(5,6-DIMETHOXY-1-INDANON--2-YL)METHYL]PIPERIDINE OU DE SON SEL VIA UN NOUVEL INTERMEDIAIRE**
[72] DUBEY, SHAILENDRA KUMAR, IN
[72] SHARMA, AMIT KUMAR, IN
[72] RANI, BEENA S., IN
[72] PAUL, SOUMENDU, IN
[72] THAPER, RAJESH KUMAR, IN
[72] DUBEY, SUSHIL KUMAR, IN
[72] KHANNA, JAG MOHAN, IN
[73] JUBILANT ORGANOSYS LIMITED, IN
[85] 2007-06-26
[86] 2004-12-30 (PCT/IN2004/000433)
[87] (WO2006/070396)

---

[11] **2,591,945**
[13] C
[51] **Int.Cl. B21K 1/30 (2006.01) F16D 23/02 (2006.01) B22F 5/08 (2006.01)**
[25] EN
[54] **A SINTERED CLUTCH RING**
[54] **BAGUE D'ACCOUPLEMENT FRITTEE**
[72] NELBOECK, GUENTER, AT
[72] WEIERMAIR, ALEXANDER, AT
[72] HEITZINGER, FRANZ, AT
[73] MIBA SINTER AUSTRIA GMBH, AT
[85] 2007-06-20
[86] 2005-11-14 (PCT/AT2005/000451)
[87] (WO2006/066287)
[30] AT (A 2153/2004) 2004-12-23

---

[11] **2,593,244**
[13] C
[51] **Int.Cl. F24F 13/068 (2006.01) F24F 7/08 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **AUTOMATIC DISPLACEMENT VENTILATION SYSTEM WITH HEATING MODE**
[54] **SYSTEME DE VENTILATION A DEPLACEMENT AUTOMATIQUE DOTE D'UN MODE DE CHAUFFAGE**
[72] BAGWELL, RICK A., US
[72] LIVCHAK, ANDREY, US
[73] OY HALTON GROUP, LTD, FI
[85] 2007-07-05
[86] 2006-01-06 (PCT/US2006/000587)
[87] (WO2006/074425)
[30] US (60/593,350) 2005-01-06
[30] US (PCT/US2005/017793) 2005-05-19

---

[11] **2,594,827**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND SOFTWARE FOR RETRIEVING INFORMATION USING MULTIPLE QUERY LANGUAGES**
[54] **SYSTEMES, PROCEDES ET LOGICIEL PERMETTANT D'EXTRAIRE DES INFORMATIONS AU MOYEN DE LANGUES DE RECHERCHES MULTIPLES**
[72] BREI, JAMES E., US
[73] THE GALE GROUP, INC., US
[85] 2007-07-12
[86] 2006-01-13 (PCT/US2006/001402)
[87] (WO2006/076665)
[30] US (60/644,282) 2005-01-13
[30] US (60/713,798) 2005-09-02

---

[11] **2,595,094**
[13] C
[51] **Int.Cl. A01K 47/00 (2006.01) A01K 53/00 (2006.01)**
[25] EN
[54] **BEEHIVE LID**
[54] **COUVERCLE DE RUCHE**
[72] KATSAMPIS, IOANNIS, GR
[73] KATSAMPIS, IOANNIS, GR
[85] 2007-07-17
[86] 2006-02-08 (PCT/GR2006/000006)
[87] (WO2006/085124)
[30] GR (20050100057) 2005-02-09

[11] **2,595,227**
[13] C
[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING AND RECEIVING PACKET IN MOBILE COMMUNICATION SYSTEM**
[54] **PROCEDE DE TRANSMISSION ET DE RECEPTION DE PAQUETS DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] KYUNG, CHAN HO, KR
[72] KIM, KI JUN, KR
[72] AN, JONG HOE, KR
[72] KIM, YOUNG JUN, KR
[73] LG ELECTRONICS INC., KR
[85] 2007-07-18
[86] 2006-02-03 (PCT/KR2006/000402)
[87] (WO2006/098550)
[30] KR (10-2005-0010680) 2005-02-04
[30] KR (10-2005-0011663) 2005-02-11

[11] **2,596,259**
[13] C
[51] **Int.Cl. A61M 39/28 (2006.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **INFUSION DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE PERFUSION**
[72] LURVEY, KENT, US
[72] BRUNDLE, ALAN, GB
[72] WERT, TROY, US
[72] BOJAN, PETER, US
[72] DARVASI, JOHN, US
[72] TOMICKI, PETER, US
[72] SANDFORD, CRAIG, US
[72] MCGRAGHAN, THOMAS, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2007-07-27
[86] 2006-01-31 (PCT/US2006/003499)
[87] (WO2006/083933)
[30] US (60/649,396) 2005-02-01

[11] **2,596,441**
[13] C
[51] **Int.Cl. A23B 7/16 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING REDUCED FAT FROZEN POTATO STRIPS**
[54] **PROCEDE DE PREPARATION DE LAMELLES DE POMMES DE TERRE SURGELEES A TENEUR REDUITE EN MATIERES GRASSES**
[72] SLOAN, JERRY L., US
[73] CONAGRA FOODS LAMB WESTON, INC., US
[85] 2007-07-31
[86] 2005-12-01 (PCT/US2005/043928)
[87] (WO2006/086052)
[30] US (11/053,031) 2005-02-07

[11] **2,597,130**
[13] C
[51] **Int.Cl. C07F 1/10 (2006.01) C07C 211/62 (2006.01) C07C 271/02 (2006.01) C23C 18/02 (2006.01)**
[25] EN
[54] **ORGANIC SILVER COMPLEXES, THEIR PREPARATION METHODS AND THEIR METHODS FOR FORMING THIN LAYERS**
[54] **COMPLEXES CONTENANT DE L'ARGENT ORGANIQUE, PROCEDES DE PREPARATION ASSOCIES ET PROCEDES POUR FORMER DES COUCHES MINCES**
[72] CHUNG, KWANG-CHOON, KR
[72] CHO, HYUN-NAM, KR
[72] GONG, MYOUNG-SEON, KR
[72] HAN, YI-SUP, KR
[72] PARK, JEONG-BIN, KR
[72] NAM, DONG HUN, KR
[72] UHM, SEONG-YOUN, KR
[72] SEO, YOUNG-KWAN, KR
[73] INKTEC CO., LTD., KR
[85] 2007-08-07
[86] 2006-02-07 (PCT/KR2006/000451)
[87] (WO2006/083153)
[30] KR (10-2005-0011478) 2005-02-07
[30] KR (10-2005-0011631) 2005-02-11
[30] KR (10-2006-0011083) 2006-02-06

[11] **2,598,438**
[13] C
[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/1185 (2006.01) E21B 43/263 (2006.01) F42B 3/02 (2006.01) F42B 3/08 (2006.01) F42B 3/24 (2006.01) F42B 3/28 (2006.01) F42D 1/02 (2006.01) F42D 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STIMULATING WELLS WITH PROPELLANTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE STIMULER DES PUITS AVEC DES AGENTS DE PROPULSION**
[72] SEEKFORD, DALE, US
[73] SEEKFORD, DALE, US
[85] 2007-08-21
[86] 2006-02-22 (PCT/US2006/006344)
[87] (WO2006/091700)
[30] US (60/655,456) 2005-02-23

[11] **2,599,114**
[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01J 23/648 (2006.01)**
[25] EN
[54] **AMMONIA OXIDATION CATALYST FOR THE COAL FIRED UTILITIES**
[54] **CATALYSEUR D'OXYDATION D'AMMONIAC POUR DISPOSITIFS FONCTIONNANT AU CHARBON**
[72] TRAN, PASCALINE H., US
[72] LAPADULA, GERARD D., US
[72] LIU, XINSHENG, US
[73] BASF CATALYSTS LLC, US
[85] 2007-08-16
[86] 2006-01-30 (PCT/US2006/003270)
[87] (WO2006/088634)
[30] US (11/058,822) 2005-02-16

[11] **2,599,461**
[13] C
[51] **Int.Cl. C07C 51/265 (2006.01) B01D 3/00 (2006.01) B01D 3/14 (2006.01) C07C 63/00 (2006.01) C07C 63/15 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR MANUFACTURING PURE FORMS OF AROMATIC CARBOXYLIC ACIDS**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES FORMES PURES D'ACIDES CARBOXYLIQUES AROMATIQUES**
[72] BARTOS, THOMAS M., US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 2007-08-28
[86] 2006-03-20 (PCT/US2006/010255)
[87] (WO2006/102336)
[30] US (60/663,792) 2005-03-21

[11] **2,599,938**
[13] C
[51] **Int.Cl. A61M 5/00 (2006.01) A61M 25/06 (2006.01) B29C 47/00 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A NEEDLE SHIELDING DEVICE**
[54] **PROCEDE DE FABRICATION DE DISPOSITIF DE PROTECTION D'AIGUILLE**
[72] ERSKINE, TIMOTHY J., US
[73] ERSKINE MEDICAL LLC, US
[85] 2007-08-31
[86] 2006-03-06 (PCT/US2006/007909)
[87] (WO2006/096633)
[30] US (60/659,213) 2005-03-07
[30] US (60/659,217) 2005-03-07
[30] US (60/659,226) 2005-03-07
[30] US (60/714,954) 2005-09-07

[11] **2,600,364**
[13] C
[51] **Int.Cl. C08F 110/06 (2006.01) C08F 2/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF PROPYLENE HOMOPOLYMERS**
[54] **PROCEDE DE PRODUCTION D'HOMOPOLYMERES DE PROPYLENE**
[72] MIGONE, RUBEN A., US
[72] KIM, SEHYUN, US
[73] BRASKEM AMERICA, INC., US
[85] 2007-09-06
[86] 2006-03-22 (PCT/US2006/010411)
[87] (WO2006/104807)
[30] US (11/089,955) 2005-03-25

[11] **2,601,027**
[13] C
[51] **Int.Cl. F02B 43/10 (2006.01) F02B 43/12 (2006.01) F02C 7/22 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F23C 1/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR UTILISING FUGITIVE GASES AS A SUPPLEMENTARY FUEL SOURCE**
[54] **METHODE ET APPAREIL POUR L'UTILISATION D'EMISSIONS FUGACES COMME SOURCE DE CARBURANT SUPPLEMENTAIRE**
[72] MALM, HOWARD LEIGH, CA
[73] REM TECHNOLOGY INC., CA
[85] 2007-09-10
[86] 2006-03-09 (PCT/CA2006/000328)
[87] (WO2006/094391)
[30] US (11/078,905) 2005-03-09

[11] **2,601,090**
[13] C
[51] **Int.Cl. A61F 2/42 (2006.01) A61B 17/90 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **ANKLE REPLACEMENT SYSTEM**
[54] **PROTHESE DE CHEVILLE**
[72] REILEY, MARK A., US
[72] GREENBERG, LOUIS, US
[72] MAULDIN, R. GARRET, US
[73] INBONE TECHNOLOGIES, INC., US
[85] 2007-09-13
[86] 2006-03-14 (PCT/US2006/008861)
[87] (WO2006/099270)
[30] US (60/661,584) 2005-03-14

[11] **2,601,238**
[13] C
[51] **Int.Cl. C08F 220/10 (2006.01) C08F 222/10 (2006.01) C10M 145/10 (2006.01)**
[25] EN
[54] **POLYALKYL (METH)ACRYLATE COPOLYMERS HAVING OUTSTANDING PROPERTIES**
[54] **COPOLYMERES DE TYPE POLYALKYL(METH)ACRYLATE PRESENTANT D'EXCELLENTES PROPRIETES**
[72] MUELLER, MICHAEL, DE
[72] STOEHR, TORSTEN, DE
[72] EISENBERG, BORIS, DE
[73] EVONIK ROHMAX ADDITIVES GMBH, DE
[85] 2007-09-17
[86] 2006-04-04 (PCT/EP2006/003032)
[87] (WO2006/105926)
[30] DE (10 2005 015 931.1) 2005-04-06

[11] **2,601,299**
[13] C
[51] **Int.Cl. B32B 17/10 (2006.01) B32B 27/30 (2006.01) B60J 1/00 (2006.01)**
[25] EN
[54] **SOUND REDUCING POLYMER INTERLAYERS**
[54] **COUCHES POLYMERES INTERMEDIAIRES ABAISSANT LES NIVEAUX PHONIQUES**
[72] LU, JUN, US
[73] SOLUTIA INCORPORATED, US
[85] 2007-09-13
[86] 2006-03-16 (PCT/US2006/009665)
[87] (WO2006/102049)
[30] US (11/081,951) 2005-03-17

[11] **2,601,970**
[13] C
[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] EN
[54] **SECURE DEVICE AUTHENTICATION**
[54] **AUTHENTIFICATION SECURISEE DE DISPOSITIF**
[72] IWAMURA, RYUICHI, US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
[85] 2007-08-20
[86] 2006-02-15 (PCT/US2006/005207)
[87] (WO2006/091437)
[30] US (60/655,225) 2005-02-22
[30] US (11/332,899) 2006-01-17

[11] **2,602,445**
[13] C
[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/44 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **METABOLITES FOR NK-I ANTAGONISTS FOR EMESIS**
[54] **METABOLITES POUR LES ANTAGONISTES NK-I CONTRE LE VOMISSEMENT**
[72] FUNK, CHRISTOPH, CH
[72] HOFFMANN, TORSTEN, DE
[72] KOBLET, ANDREAS, CH
[73] HELSINN HEALTHCARE SA, CH
[85] 2007-09-21
[86] 2006-03-14 (PCT/EP2006/002313)
[87] (WO2006/099968)
[30] EP (05102359.6) 2005-03-23

---

[11] **2,603,288**
[13] C
[51] **Int.Cl. C08L 95/00 (2006.01) B01F 17/00 (2006.01)**
[25] FR
[54] **BITUMINOUS PRODUCTS, THE MIXTURE THEREOF WITH AGGREGATES AND THE USE THEREOF**
[54] **PRODUITS BITUMINEUX, LEUR MELANGE AVEC DES GRANULATS ET LEURS UTILISATIONS**
[72] BARRETO, GILLES, FR
[72] FRABOULET, LOIEC, FR
[73] CECA S.A., FR
[85] 2007-10-01
[86] 2006-04-04 (PCT/FR2006/000733)
[87] (WO2006/106222)
[30] FR (0503343) 2005-04-05

---

[11] **2,604,262**
[13] C
[51] **Int.Cl. E04B 1/26 (2006.01) E04B 1/28 (2006.01) E04B 1/74 (2006.01) E04B 2/70 (2006.01)**
[25] EN
[54] **BUILDING CONSTRUCTION ELEMENT**
[54] **ELEMENT DE CONSTRUCTION DE BATIMENT**
[72] TIBERI, SYLVAIN, CA
[72] MATHON, MICHEL, CA
[73] THERMO STRUCTURE INC., CA
[85] 2007-10-12
[86] 2006-04-12 (PCT/CA2006/000584)
[87] (WO2006/108296)
[30] US (11/104,537) 2005-04-13

---

[11] **2,604,791**
[13] C
[51] **Int.Cl. B22D 41/18 (2006.01)**
[25] EN
[54] **STOPPER ROD**
[54] **QUENOUILLE**
[72] PAYNE, MARK A., GB
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2007-10-19
[86] 2006-03-13 (PCT/GB2006/000884)
[87] (WO2006/111694)
[30] GB (0507939.7) 2005-04-20

---

[11] **2,605,102**
[13] C
[51] **Int.Cl. H04L 12/66 (2006.01) H04L 29/06 (2006.01) H04M 11/06 (2006.01) H04Q 3/64 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ORIGINATING A SIP CALL VIA A CIRCUIT-SWITCHED NETWORK FROM A USER EQUIPMENT DEVICE**
[54] **SYSTEME ET METHODE POUR LANCER UN APPEL D'OUVERTURE DE SESSION AU MOYEN D'UN RESEAU AVEC COMMUTATION DE CIRCUITS A PARTIR D'UN DISPOSITIF DE MATERIEL D'UTILISATEUR**
[72] BUCKLEY, ADRIAN, US
[72] BAKKER, JOHN-LUC, US
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2605102)
[87] (2605102)
[22] 2007-10-02
[30] US (11/542,462) 2006-10-03
[30] US (11/740,102) 2007-04-25
[30] EP (07108383.6) 2007-05-16

---

[11] **2,605,287**
[13] C
[51] **Int.Cl. F42B 8/04 (2006.01) F42B 8/02 (2006.01)**
[25] EN
[54] **A BLANK CARTRIDGE**
[54] **CARTOUCHE A BLANC**
[72] SAXBY, MICHAEL ERNEST, GB
[73] UTM IP LIMITED, GB
[85] 2007-10-17
[86] 2006-05-08 (PCT/GB2006/001679)
[87] (WO2006/120420)
[30] GB (GB0509455.2) 2005-05-10

---

[11] **2,606,262**
[13] C
[51] **Int.Cl. C07D 295/088 (2006.01) A61K 31/381 (2006.01) A61K 31/40 (2006.01) A61K 31/44 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 211/14 (2006.01) C07D 211/68 (2006.01) C07D 213/30 (2006.01) C07D 333/16 (2006.01) C07D 401/10 (2006.01)**
[25] EN
[54] **NOVEL HISTAMINE H3-RECEPTOR LIGANDS AND THEIR THERAPEUTIC APPLICATIONS**
[54] **NOUVEAUX LIGANDS RECEPTEURS HISTAMINIQUES H3 ET LEURS APPLICATIONS THERAPEUTIQUES**
[72] BERTRAND, ISABELLE, FR
[72] CAPET, MARC, FR
[72] LECOMTE, JEANNE-MARIE, FR
[72] LEVOIN, NICOLAS, FR
[72] LIGNEAU, XAVIER, FR
[72] POUPARDIN-OLIVIER, OLIVIA, FR
[72] ROBERT, PHILIPPE, FR
[72] SCHWARTZ, JEAN-CHARLES, FR
[72] LABEEUW, OLIVIER, FR
[73] BIOPROJET, FR
[85] 2007-10-23
[86] 2006-04-25 (PCT/IB2006/000991)
[87] (WO2006/117609)
[30] EP (05290950.4) 2005-04-29
[30] US (60/678,243) 2005-05-06
[30] EP (05291793.7) 2005-08-26

---

[11] **2,606,483**
[13] C
[51] **Int.Cl. B03C 1/14 (2006.01)**
[25] EN
[54] **EXTERNAL ADJUSTMENT DEVICE FOR MAGNETIC DRUM SEPARATORS**
[54] **DISPOSITIF DE REGLAGE EXTERNE POUR SEPARATEURS DE TAMBOURS MAGNETIQUES**
[72] MCHENRY, KEVIN, US
[73] OUTOTEC OYJ, FI
[85] 2007-10-29
[86] 2005-05-19 (PCT/FI2005/000231)
[87] (WO2006/123008)

[11] **2,606,810**
[13] C
[51] **Int.Cl. B29C 70/48 (2006.01) B29C 70/08 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURING OF A HOLLOW FIBER REINFORCED STRUCTURAL MEMBER**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT STRUCTUREL RENFORCE PAR DES FIBRES CREUSES**
[72] TJAARD, SIJPKES, NL
[72] VERGOUWEN, PEET, NL
[72] BERT, THUIS, NL
[73] FOKKER LANDING GEAR B.V., NL
[85] 2007-11-02
[86] 2006-05-02 (PCT/NL2006/000235)
[87] (WO2006/118448)
[30] NL (1028946) 2005-05-03

[11] **2,607,690**
[13] C
[51] **Int.Cl. E01C 19/48 (2006.01)**
[25] EN
[54] **FINISHER FOR THE GROUNDLAYING OF SURFACES FOR ROADS OR SIMILAR**
[54] **FINISSEUSE SERVANT A LA MISE EN PLACE, COTE SOL, DE COUCHES POUR CHAUSSEES OU ANALOGUES**
[72] LOSSOW, LUDWIG THOMAS, DE
[73] ABG ALGEMEINE BAUMASCHINEN-GESELLSCHAFT MBH., DE
[85] 2007-11-08
[86] 2006-05-09 (PCT/EP2006/004301)
[87] (WO2006/119954)
[30] DE (10 2005 022 266.8) 2005-05-10

[11] **2,608,214**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/435 (2006.01) A61K 31/44 (2006.01) A61K 31/4745 (2006.01) A61K 31/498 (2006.01) A61K 31/501 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **QUINOLINE DERIVATIVES AS EP4 ANTAGONISTS**
[54] **DERIVES DE QUINOLEINE A TITRE D'ANTAGONISTES DE EP4**
[72] BELLEY, MICHEL, CA
[72] BURCH, JASON, CA
[72] COLUCCI, JOHN, CA
[72] FARAND, JULIE, CA
[72] GIRARD, MARIO, CA
[72] HAN, YONGXIN, CA
[73] MERCK CANADA INC., CA
[85] 2007-11-13
[86] 2006-05-15 (PCT/CA2006/000789)
[87] (WO2006/122403)
[30] US (60/682,589) 2005-05-19

[11] **2,608,538**
[13] C
[51] **Int.Cl. F04D 13/08 (2006.01) F04D 1/04 (2006.01) F04D 29/02 (2006.01) F04D 29/18 (2006.01)**
[25] EN
[54] **AN ELECTRICAL SUBMERSIBLE PUMP**
[54] **POMPE SUBMERSIBLE ELECTRIQUE**
[72] ORBAN, JACQUES, RU
[72] GOTLIB, MIKHAIL VLADILENOVICH, RU
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2608538)
[87] (2608538)
[22] 2007-10-29
[30] RU (2006137966) 2006-10-30

[11] **2,609,400**
[13] C
[51] **Int.Cl. B01D 46/06 (2006.01) B01D 35/30 (2006.01)**
[25] EN
[54] **POCKET FILTER ASSEMBLY**
[54] **ENSEMBLE DE FILTRES A MANCHES**
[72] SUNDVIK, ANDERS, SE
[72] ENBOM, ERNST KJELL-AKE, SE
[73] CAMFIL AB, SE
[85] 2007-11-21
[86] 2006-05-22 (PCT/SE2006/000591)
[87] (WO2006/126937)
[30] SE (0501146-5) 2005-05-23

[11] **2,610,725**
[13] C
[51] **Int.Cl. B21D 51/38 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR APPLYING IMAGES ON A BEVERAGE CAN LID**
[54] **PROCEDE ET DISPOSITIF POUR L'APPLICATION D'IMAGES SUR UN COUVERCLE DE BOITE DE BOISSON**
[72] RONNBERG, MAGNUS, SE
[73] MRC DESIGN STOCKHOLM, US
[85] 2007-12-03
[86] 2006-06-07 (PCT/US2006/022046)
[87] (WO2007/001766)
[30] US (60/595,325) 2005-06-23

[11] **2,611,166**
[13] C
[51] **Int.Cl. A23L 2/56 (2006.01) A23C 9/00 (2006.01) A23F 5/00 (2006.01) A23F 5/46 (2006.01) A23L 2/38 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01) A23P 1/16 (2006.01)**
[25] EN
[54] **AUTOMATIC FLAVORING DISPENSER FOR AUTOMATED ESPRESSO MACHINE**
[54] **DISTRIBUTEUR D'AROMATISANTS AUTOMATIQUE POUR MACHINE A CAFE A EXPRESSO AUTOMATISEE**
[72] STEARNS, WAYNE R., US
[72] ROSS, RAY A., US
[72] ISETT, DAVID E., US
[73] CONCORDIA COFFEE COMPANY, INC., US
[85] 2007-12-05
[86] 2006-06-12 (PCT/US2006/022889)
[87] (WO2006/135864)
[30] US (11/150,554) 2005-06-10

[11] **2,611,337**
[13] C
[51] **Int.Cl. H04L 27/00 (2006.01) H03K 9/00 (2006.01) H04L 7/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR PROVIDING TIME DIVERSITY FOR MOBILE BROADCAST SERVICES**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR FOURNIR UNE DIVERSITE TEMPORELLE A DES SERVICES DE DIFFUSION MOBILE**
[72] SIMON, MICHAEL, US
[73] ROHDE & SCHWARZ GMBH & CO. KG, DE
[85] 2007-12-04
[86] 2006-06-07 (PCT/US2006/022300)
[87] (WO2006/133359)
[30] US (60/688,070) 2005-06-07
[30] US (11/276,473) 2006-03-01
[30] US (11/379,439) 2006-04-20

[11] **2,611,899**
[13] C
[51] **Int.Cl. G06F 1/26 (2006.01)**
[25] EN
[54] **EXPANDABLE POWER AND DATA CENTER ADAPTED FOR USE WITH MULTIPLE MOUNTS**
[54] **CENTRE D'ALIMENTATION ET DE DONNEES EXTENSIBLE CONCU POUR ETRE UTILISE AVEC DE MULTIPLES SUPPORTS**
[72] BYRNE, NORMAN R., US
[73] BYRNE, NORMAN R., US
[85] 2007-12-12
[86] 2006-06-13 (PCT/US2006/022896)
[87] (WO2006/138258)
[30] US (60/690,020) 2005-06-13
[30] US (60/700,526) 2005-07-19

[11] **2,612,466**
[13] C
[51] **Int.Cl. E01C 13/08 (2006.01) B23B 5/16 (2006.01)**
[25] EN
[54] **METHOD FOR STIFFENING SYNTHETIC RIBBONS OF A SYNTHETIC TURF SURFACE**
[54] **PROCEDE POUR RAIDIR DES RUBANS SYNTHETIQUES D'UNE SURFACE DE GAZON SYNTHETIQUE**
[72] PREVOST, JEAN, CA
[73] FIELDTURF TARKETT INC., CA
[85] 2007-12-17
[86] 2006-06-19 (PCT/IB2006/003933)
[87] (WO2007/069076)
[30] US (60/691,595) 2005-06-17

[11] **2,613,009**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) B01F 11/00 (2006.01) B01F 13/00 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR STERILE MIXING OF A TWO-PHASE COMPOUND, PARTICULARLY FOR TWO-COMPONENT ACRYLIC RESINS**
[54] **CARTOUCHE DESTINEE AU MELANGE STERILE D'UN COMPOSE A DEUX PHASES, EN PARTICULIER DES RESINES ACRYLIQUES A DEUX COMPOSANTS**
[72] FACCIOLI, GIOVANNI, IT
[72] SOFFIATTI, RENZO, IT
[73] TECRES SPA, IT
[85] 2007-12-20
[86] 2006-05-16 (PCT/IB2006/001275)
[87] (WO2007/000631)
[30] IT (VI2005A000187) 2005-06-28

[11] **2,613,351**
[13] C
[51] **Int.Cl. A61F 2/07 (2013.01)**
[25] EN
[54] **EPTFE LAMINATION-RESIZING EPTFE TUBING**
[54] **TUBULURE EN POLYTETRAFLUOROETHYLENE EXPANSE DE RECALIBRAGE PAR STRATIFICATION DE POLYTETRAFLUOROETHYLENE EXPANSE**
[72] PECKHAM, JOHN, US
[72] MUSBACH, FRANK A., US
[73] BOSTON SCIENTIFIC LIMITED, BB
[85] 2007-12-21
[86] 2006-06-22 (PCT/US2006/024372)
[87] (WO2007/002331)
[30] US (11/159,613) 2005-06-23

[11] **2,613,385**
[13] C
[51] **Int.Cl. F41B 5/14 (2006.01) F41B 5/10 (2006.01) F41B 5/12 (2006.01)**
[25] EN
[54] **NARROW CROSSBOW WITH LARGE POWER STROKE**
[54] **ARBALETE ETROITE COMPORTANT UNE PLUS GRANDE EXTENSION DE CORDE**
[72] BEDNAR, RICHARD L., US
[72] SHAFFER, MICHAEL J., US
[73] HUNTER'S MANUFACTURING COMPANY, INC., D/B/A AS TENPOINT CROSSBOW TECHNOL OGIES, US
[86] (2613385)
[87] (2613385)
[22] 2007-12-03
[30] US (60/868,157) 2006-12-01
[30] US (11/948,319) 2007-11-30

[11] **2,614,016**
[13] C
[51] **Int.Cl. H04N 11/02 (2006.01) H04N 7/30 (2006.01)**
[25] EN
[54] **MOVING IMAGE ENCODING DEVICE, MOVING IMAGE DECODING DEVICE, MOVING IMAGE ENCODING METHOD, AND MOVING IMAGE DECODING METHOD**
[54] **CODEUR ET DECODEUR D'IMAGE MOBILE, ET METHODES DE CODAGE ET DE DECODAGE D'IMAGE MOBILE**
[72] SEKIGUCHI, SHUNICHI, JP
[72] MORIYA, YOSHIMI, JP
[72] SUGIMOTO, KAZUO, JP
[72] YAMADA, YOSHIHISA, JP
[72] ASAI, KOHTARO, JP
[72] MURAKAMI, TOKUMICHI, JP
[72] IDEHARA, YUICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2614016)
[87] (2614016)
[22] 2007-12-13
[30] JP (2007-004651) 2007-01-12

[11] **2,614,238**
[13] C
[51] **Int.Cl. C08F 10/02 (2006.01) C08F 2/34 (2006.01) C08F 4/24 (2006.01) C08F 4/69 (2006.01) C08F 210/02 (2006.01)**
[25] EN
[54] **BLOW MOLDING POLYETHYLENE RESINS**
[54] **MOULAGE PAR EXTRUSION-SOUFFLAGE DE RESINES DE POLYETHYLENE**
[72] CANN, KEVIN J., US
[72] EISINGER, RONALD S., US
[72] GOODE, MARK G., US
[72] MOORHOUSE, JOHN H., US
[72] MURE, CLIFF R., US
[72] JAKER, STEPHEN P., US
[72] APECETCHE, MARIA A., US
[73] UNIVATION TECHNOLOGIES, LLC, US
[85] 2008-01-03
[86] 2006-07-21 (PCT/US2006/028160)
[87] (WO2007/015927)
[30] US (11/190,481) 2005-07-27

[11] **2,618,277**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS ASSOCIATED WITH STIMULATION TREATMENTS FOR WELLS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE PUITS PAR STIMULATION**
[72] TOLMAN, RANDY C., US
[72] SOREM, WILLIAM A., US
[72] NYGAARD, KRIS J., US
[72] SIMONS, JEFF W., US
[72] KOFOED, CURTIS W., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2008-02-07
[86] 2006-07-24 (PCT/US2006/028608)
[87] (WO2007/024383)
[30] US (60/709,586) 2005-08-19

[11] **2,618,499**
[13] C
[51] **Int.Cl. C07C 213/00 (2006.01) B01D 53/54 (2006.01) C07C 215/00 (2006.01) C07C 217/00 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **ALKYLAMINO ALKYLOXY (ALCOHOL) MONOALKYL ETHER FOR ACID GAS SCRUBBING PROCESS**
[54] **ETHER AKLYLAMINO-AKLYLOXY (ALCOOL) MONOALKYLE POUR PROCEDE DE LAVAGE DE GAZ ACIDE**
[72] SISKIN, MICHAEL, US
[72] MOZELESKI, EDMUND JOHN, US
[72] FEDICH, ROBERT BASIL, US
[72] WANG, FRANK CHENG-YU, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2008-02-05
[86] 2006-07-21 (PCT/US2006/028686)
[87] (WO2007/021462)
[30] US (60/706,614) 2005-08-09

[11] **2,620,125**
[13] C
[51] **Int.Cl. C07K 14/435 (2006.01) A61K 38/17 (2006.01) A61P 31/00 (2006.01) C12N 15/12 (2006.01) A23K 1/17 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING ANTIMICROBIAL ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**
[54] **POLYPEPTIDES PRESENTANT UNE ACTIVITE ANTIMICROBIENNE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] SPODSBERG, NIKOLAJ, DK
[73] NOVOZYMES ADENIUM BIOTECH A/S, DK
[85] 2008-02-22
[86] 2006-08-22 (PCT/EP2006/065561)
[87] (WO2007/023163)
[30] DK (PA 2005 01190) 2005-08-26

[11] **2,620,430**
[13] C
[51] **Int.Cl. A61L 27/36 (2006.01)**
[25] EN
[54] **NEURAL IMPLANT FORMED OF THREAD-LIKE SPIDER SILK**
[54] **IMPLANT NEURAL FORME DE SOIE SEMBLABLE AU FIL D'ARAIGNEE**
[72] VOGT, PETER, DE
[72] ALLMELING, CHRISTINA, DE
[72] REIMERS, KERSTIN, DE
[73] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[85] 2008-02-25
[86] 2006-09-06 (PCT/EP2006/066049)
[87] (WO2007/028801)
[30] DE (10 2005 042 455.4) 2005-09-06

[11] **2,622,832**
[13] C
[51] **Int.Cl. F21L 4/00 (2006.01)**
[25] EN
[54] **IMPROVED LED MODULE**
[54] **MODULE DEL AMELIORE**
[72] WEST, STACEY H., US
[73] MAG INSTRUMENT, INC., US
[85] 2008-03-17
[86] 2006-09-13 (PCT/US2006/035764)
[87] (WO2007/035390)
[30] US (11/227,768) 2005-09-15

[11] **2,623,515**
[13] C
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/80 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR VERTEBRAL AUGMENTATION USING LINKED EXPANDABLE BODIES**
[54] **APPAREIL ET PROCEDES D'AUGMENTATION VERTEBRALE UTILISANT DES CORPS EXTENSIBLES LIES**
[72] DUTOIT, CHRISTOF, CH
[72] APPENZELLER, ANDREAS, CH
[72] STOLL, THIERRY, CH
[72] FRIGG, ROBERT, CH
[72] RAUKER, ROBERT, US
[73] SYNTHES USA, LLC, US
[85] 2008-03-25
[86] 2006-09-22 (PCT/US2006/037119)
[87] (WO2007/038349)
[30] US (60/722,064) 2005-09-28
[30] US (60/748,377) 2005-12-08

[11] **2,625,198**
[13] C
[51] **Int.Cl. F24F 12/00 (2006.01) F24F 6/12 (2006.01) F24F 11/08 (2006.01)**
[25] EN
[54] **ENERGY RECOVERY AND HUMIDITY CONTROL SYSTEM**
[54] **SYSTEME DE RECUPERATION D'ENERGIE ET DE REGULATION D'HUMIDITE**
[72] BOUDREAU, PATRICK PAUL, CA
[72] LESTAGE, GEORGE ROBERT, CA
[72] LESTAGE, MARC RICHARD, CA
[73] AIR TECH EQUIPMENT LTD., CA
[85] 2008-04-04
[86] 2006-10-25 (PCT/CA2006/001735)
[87] (WO2007/051286)
[30] US (60/732,778) 2005-11-02

[11] **2,627,016**
[13] C
[51] **Int.Cl. F23C 9/08 (2006.01) F23L 7/00 (2006.01) F23L 15/04 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR LOW-NOX COMBUSTION**
[54] **PROCEDE ET DISPOSITIF POUR UNE COMBUSTION A FAIBLE TENEUR EN -NOX**
[72] KODER, HORST, DE
[72] BACKES, LOTHAR, DE
[72] ADENDORFF, MARTIN, DE
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE, FR
[85] 2008-04-23
[86] 2005-10-28 (PCT/EP2005/011562)
[87] (WO2007/048428)

[11] **2,627,739**
[13] C
[51] **Int.Cl. B23C 5/16 (2006.01) B23P 15/34 (2006.01)**
[25] EN
[54] **TOOLS WITH A THERMO-MECHANICALLY MODIFIED WORKING REGION AND METHODS OF FORMING SUCH TOOLS**
[54] **OUTILS DE REGION DE TRAVAIL A MODIFICATION THERMOMECANIQUE ET METHODES DE FORMAGE ASSOCIEES**
[72] SHEPARD, CHRISTON L., US
[72] LAPARRE, RONALD R., US
[72] CHANDRASEKHARAN, SHRINIDHI, US
[72] LOFFLER, JAMES M., US
[72] SHAFFER, ALAN L., US
[73] DAYTON PROGRESS CORPORATION, US
[86] (2627739)
[87] (2627739)
[22] 2008-03-25
[30] US (60/896,729) 2007-03-23
[30] US (12/047,532) 2008-03-13

[11] **2,627,904**
[13] C
[51] **Int.Cl. F03D 7/00 (2006.01) F02C 9/28 (2006.01)**
[25] EN
[54] **A METHOD FOR PROLONGING AND/OR CONTROLLING THE LIFE OF ONE OR MORE HEAT GENERATING AND/OR PASSIVE COMPONENTS IN A WIND TURBINE, A WIND TURBINE, AND USE HEREOF**
[54] **PROCEDE POUR PROLONGER ET/OU MAITRISER LA DUREE DE VIE D'UN OU PLUSIEURS COMPOSANTS GENERATEURS DE CHALEUR ET/OU PASSIFS DANS UNE EOLIENNE, EOLIENNE ET SON UTILISATION**
[72] RIMMEN, PETER DE PLACE, DK
[73] VESTAS WIND SYSTEMS A/S, DK
[85] 2008-04-30
[86] 2005-11-01 (PCT/DK2005/000698)
[87] (WO2007/051464)

[11] **2,628,397**
[13] C
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **CHANGING TH1/TH2 BALANCE IN SPLIT INFLUENZA VACCINES WITH ADJUVANTS**
[54] **MODIFICATION DE L'EQUILIBRE TH1/TH2 DANS DES VACCINS ANTIGRIPPAUX SOUS-UNITAIRES AVEC ADJUVANTS**
[72] O'HAGAN, DEREK, IT
[73] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT
[85] 2008-05-02
[86] 2006-11-06 (PCT/GB2006/004136)
[87] (WO2007/052059)
[30] US (60/734,026) 2005-11-04
[30] US (60/812,475) 2006-06-08

[11] **2,628,412**
[13] C
[51] **Int.Cl. F16L 17/035 (2006.01)**
[25] EN
[54] **PIPELINE COUPLING WITH A SEALING RING, AND PIPELINE SYSTEM FOR THE DELIVERY OF THICK MATTER**
[54] **ACCOUPLEMENT POUR CONDUITS TUBULAIRES DOTE D'UNE BAGUE D'ETANCHEITE ET SYSTEME DE CONDUITS TUBULAIRES CONCU POUR LE TRANSPORT DE SUBSTANCES EPAISSES**
[72] KREHL, DIETMAR, DE
[73] SCHWING GMBH, DE
[85] 2008-05-02
[86] 2006-10-05 (PCT/EP2006/009658)
[87] (WO2007/051515)
[30] DE (10 2005 052 517.2) 2005-11-03

[11] **2,628,774**
[13] C
[51] **Int.Cl. A63B 21/002 (2006.01)**
[25] EN
[54] **COMBINATION GRIP FOR AN EXERCISE DEVICE**
[54] **PRISE COMBINEE POUR UN DISPOSITIF D'EXERCICE**
[72] HETRICK, RANDAL, US
[73] FITNESS ANYWHERE, INC., US
[85] 2008-05-06
[86] 2006-11-07 (PCT/US2006/060596)
[87] (WO2007/079281)
[30] US (60/734,145) 2005-11-07
[30] US (11/557,050) 2006-11-06

[11] **2,628,888**
[13] C
[51] **Int.Cl. C09D 127/06 (2006.01) B65D 1/12 (2006.01) B65D 25/14 (2006.01) C09D 7/12 (2006.01) C09D 133/10 (2006.01)**
[25] EN
[54] **BADGE- AND BPA-FREE CAN COATING**
[54] **REVETEMENT DE BOITE METALLIQUE NE COMPORTANT PAS DE BADGE NI DE BPA**
[72] VOGT, CHRISTIAN, DE
[72] AMBROSI, PETER, DE
[72] RIES, BEATE, DE
[73] W.R. GRACE & CO.-CONN., US
[85] 2008-05-07
[86] 2006-11-09 (PCT/EP2006/010755)
[87] (WO2007/062735)
[30] DE (10 2005 056 959.5) 2005-11-29

[11] **2,629,297**
[13] C
[51] **Int.Cl. H04N 7/12 (2006.01)**
[25] EN
[54] **DIGITAL BROADCAST TRANSMITTER/RECEIVER HAVING AN IMPROVED RECEIVING PERFORMANCE AND SIGNAL PROCESSING METHOD THEREOF**
[54] **EMETTEUR/RECEPTEUR A DIFFUSION NUMERIQUE, A CARACTERISTIQUES DE RECEPTION AMELIOREES, ET PROCEDE DE TRAITEMENT DE SIGNAL**
[72] PARK, EUI-JUN, KR
[72] KWON, YONG-SIK, KR
[72] KIM, JOON-SOO, KR
[72] YU, JUNG-PIL, KR
[72] JEONG, JIN-HEE, KR
[72] JI, KUM-RAN, KR
[72] KIM, JONG-HUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2008-05-09
[86] 2006-11-24 (PCT/KR2006/004964)
[87] (WO2007/061244)
[30] US (60/739,430) 2005-11-25
[30] US (11/475,098) 2006-06-27

[11] **2,629,760**
[13] C
[51] **Int.Cl. B25C 1/08 (2006.01)**
[25] EN
[54] **MOTOR CONTROL FOR COMBUSTION NAILER BASED ON OPERATING MODE**
[54] **COMMANDE DU MOTEUR D'UNE CLOUEUSE THERMIQUE SUR LA BASE DU MODE DE FONCTIONNEMENT**
[72] MOELLER, LARRY M., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2008-05-14
[86] 2006-10-06 (PCT/US2006/038995)
[87] (WO2007/058711)
[30] US (60/737,681) 2005-11-17
[30] US (11/391,037) 2006-03-28

[11] **2,631,701**
[13] C
[51] **Int.Cl. B65G 21/18 (2006.01) F16G 13/18 (2006.01) F25D 25/04 (2006.01)**
[25] EN
[54] **SUPPORTING INSTALLATION**
[54] **INSTALLATION DE SUPPORT**
[72] MALMBERG, JONNY, SE
[72] OLSSON, LENNART, SE
[73] FMC FOODTECH AB, SE
[85] 2008-05-30
[86] 2006-10-27 (PCT/SE2006/001208)
[87] (WO2007/069971)
[30] SE (0502787-5) 2005-12-15

[11] **2,633,441**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01) A46B 9/02 (2006.01)**
[25] EN
[54] **BRUSH, SUCH AS FOR CLEANING OR SAMPLING BODY TISSUE**
[54] **BROSSE, TELLE QUE POUR LE NETTOYAGE OU LE PRELEVEMENT DE TISSU CORPOREL**
[72] ZWART, MEINDERT DURK, NL
[73] MDZ BEHEER B.V., AN
[85] 2008-06-12
[86] 2005-12-22 (PCT/NL2005/050092)
[87] (WO2007/073152)

[11] **2,634,050**
[13] C
[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **VIDEO ENCODING METHOD AND DECODING METHOD, APPARATUSES THEREFOR, PROGRAMS THEREFOR, AND STORAGE MEDIA FOR STORING THE PROGRAMS**
[54] **METHODES, APPAREILS ET PROGRAMMES POUR LE CODAGE ET LE DECODAGE DE DONNEES VIDEO ET SUPPORT DE STOCKAGE POUR CES PROGRAMMES**
[72] TANIMOTO, MASAYUKI, JP
[72] FUJII, TOSHIAKI, JP
[72] YAMAMOTO, KENJI, JP
[72] KITAHARA, MASAKI, JP
[72] KIMATA, HIDEAKI, JP
[72] SHIMIZU, SHINYA, JP
[72] KAMIKURA, KAZUTO, JP
[72] YASHIMA, YOSHIYUKI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[73] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[85] 2008-06-16
[86] 2007-01-04 (PCT/JP2007/050005)
[87] (WO2007/077989)
[30] JP (2006-000393) 2006-01-05

---

[11] **2,634,232**
[13] C
[51] **Int.Cl. A61K 47/10 (2006.01) A61K 9/20 (2006.01) A61K 31/4439 (2006.01) A61K 47/38 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING SOLID PREPARATION DISINTEGRATING IN THE ORAL CAVITY**
[54] **PROCEDE DE PRODUCTION DE PREPARATION SOLIDE SE DESINTEGRANT DANS LA CAVITE ORALE**
[72] HIGUCHI, SHIGEHIRO, JP
[72] FUKADA, HIROSHI, JP
[72] SAITO, TOSHIHIDE, JP
[72] TABATA, TETSURO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2008-06-19
[86] 2006-12-27 (PCT/JP2006/326022)
[87] (WO2007/074856)
[30] JP (2005-379809) 2005-12-28

---

[11] **2,635,363**
[13] C
[51] **Int.Cl. B29D 99/00 (2010.01) B29C 65/00 (2006.01) B29C 70/86 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING STRUCTURES FROM COMPOSITE MATERIALS, INCLUDING EMBEDDED PRECURED TOOLS**
[54] **PROCEDE DE FABRICATION DE STRUCTURES DE MATERIAUX COMPOSES A L'AIDE D'OUTILS PRE-SECHES INTEGRES**
[72] GARATE FEL, ENRIQUE, ES
[72] REDONDO VARA, ENRIQUE, ES
[72] SANCHEZ GOMEZ, JOSE, ES
[72] RUISECO SALGADO, RAFAEL, ES
[72] SERRANO VELAZ, CESAR, ES
[73] AIRBUS OPERATIONS S.L., ES
[85] 2008-06-27
[86] 2005-12-29 (PCT/ES2005/070185)
[87] (WO2007/074178)

---

[11] **2,639,679**
[13] C
[51] **Int.Cl. F16L 27/00 (2006.01) E21B 17/04 (2006.01) F16L 11/18 (2006.01) F16L 21/08 (2006.01) F16L 25/06 (2006.01) F16L 27/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE BENT HOUSING WITH ROTATIONAL STOP**
[54] **BANC DE PLIAGE REGLABLE**
[72] JOHNSON, ORREN, CA
[73] WENZEL DOWNHOLE TOOLS LTD., CA
[86] (2639679)
[87] (2639679)
[22] 2008-09-15

---

[11] **2,640,100**
[13] C
[51] **Int.Cl. C02F 1/42 (2006.01) C02F 5/00 (2006.01) G04G 7/00 (2006.01) G05B 19/04 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM FOR A WATER SOFTENER SYSTEM**
[54] **SYSTEME DE COMMUNICATION POUR APPAREILLAGE ADOUCISSEUR D'EAU**
[72] QUINN, KERRY, US
[72] PREMATHILAKE, KUMUDIKA, US
[73] CULLIGAN INTERNATIONAL COMPANY, US
[86] (2640100)
[87] (2640100)
[22] 2008-09-26
[30] US (60/977,740) 2007-10-05

---

[11] **2,640,192**
[13] C
[51] **Int.Cl. B65B 5/06 (2006.01) B65B 35/30 (2006.01)**
[25] EN
[54] **CASSETTE FOR RECEIVING FLEXIBLE PACKS, AS WELL AS METHOD FOR THE FORMATION OF A GROUP OF PACKS**
[54] **CASSETTE POUR LA RECEPTION DE SACHETS FLEXIBLES, ET PROCEDE DE FORMATION D'UN GROUPE DE SACHETS**
[72] PRAKKEN, NICOLAAS MARTIN, US
[73] BLUEPRINT HOLDING B.V., NL
[85] 2008-07-24
[86] 2006-01-26 (PCT/NL2006/050016)
[87] (WO2007/086725)

[11] **2,641,039**
[13] C
[51] **Int.Cl. A23G 4/06 (2006.01) A23G 3/36 (2006.01) A23G 3/54 (2006.01) A23G 4/20 (2006.01) A61K 8/24 (2006.01) A61K 8/36 (2006.01) A61K 8/362 (2006.01) A61K 8/365 (2006.01) A61K 8/60 (2006.01) A61K 8/88 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **CALCIUM PHOSPHATE SALTS IN ORAL COMPOSITIONS SUITABLE AS A TOOTH REMINERALIZING AGENT**
[54] **SELS DE PHOSPHATE DE CALCIUM DANS DES COMPOSITIONS ORALES APPROPRIEES COMME AGENT REMINERALISANT DENTAIRE**
[72] HAAS, MICHAEL S., US
[72] GREENBERG, MICHAEL J., US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2008-07-30
[86] 2007-02-02 (PCT/US2007/061533)
[87] (WO2007/092763)
[30] US (60/765,289) 2006-02-03

[11] **2,641,084**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MECHANISM FOR PUBLISHING PRESENCE INFORMATION WITHIN A PRESENCE SERVICE AND USER INTERFACE FOR CONFIGURING SAME**
[54] **MECANISME PERMETTANT DE PUBLIER DE L'INFORMATION DE PRESENCE AU SEIN DU SERVICE ASSOCIE ET INTERFACE UTILISATEUR DE CONFIGURATION**
[72] SON, GIYEONG, CA
[72] PREISS, BRUNO RICHARD, CA
[72] LEWIS, ALLAN DAVID, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2641084)
[87] (2641084)
[22] 2008-10-16
[30] EP (07118909.6) 2007-10-19

[11] **2,641,310**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/277 (2006.01) A61K 31/519 (2006.01) A61K 31/7105 (2006.01) A61K 38/09 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **IGF-IR ANTAGONISTS AS ADJUVANTS FOR TREATMENT OF PROSTATE CANCER**
[54] **ANTAGONISTES D'IGF-IR EN TANT QU'ADJUVANTS AU TRAITEMENT DU CANCER DE LA PROSTATE**
[72] LUDWIG, DALE, US
[72] PLYMATE, STEPHEN R., US
[73] UNIVERSITY OF WASHINGTON, US
[73] IMCLONE LLC, US
[85] 2008-08-01
[86] 2007-02-03 (PCT/US2007/003164)
[87] (WO2007/092453)
[30] US (60/765,072) 2006-02-03

[11] **2,641,390**
[13] C
[51] **Int.Cl. F16K 31/60 (2006.01) E03C 1/02 (2006.01) F16K 11/07 (2006.01) F16K 27/08 (2006.01) F16K 35/00 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **TEMPERATURE ROTATIONAL LIMIT STOP FOR A MIXING VALVE**
[54] **DISPOSITIF D'ARRET A LIMITE DE TEMPERATURE ET DE ROTATION POUR VANNE DE MELANGE**
[72] DEUTSCH, MARK ALAN, US
[72] MARTIN, CAMERON DANTE, US
[73] MASCO CORPORATION OF INDIANA, US
[86] (2641390)
[87] (2641390)
[22] 2008-10-21
[30] US (11/977,467) 2007-10-25

[11] **2,642,311**
[13] C
[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/24 (2006.01) H04L 12/28 (2006.01) H04L 29/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PACKET TIMING OF CIRCUIT EMULATION SERVICES OVER NETWORKS**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DE PAQUETS DE SERVICES D'EMULATION DE CIRCUITS SUR DES RESEAUX**
[72] SMITH, ROLAND ANDREW, CA
[72] SOMMERVILLE, RICHARD, CA
[72] GREER, RYAN, CA
[72] SRENG, VAN, CA
[72] RAYMENT, STEPHEN G., CA
[73] BELAIR NETWORKS INC., CA
[85] 2008-08-13
[86] 2007-02-12 (PCT/CA2007/000195)
[87] (WO2007/093037)
[30] US (60/772,521) 2006-02-13

[11] **2,642,498**
[13] C
[51] **Int.Cl. H01M 8/00 (2006.01) H01L 35/30 (2006.01) H01M 8/02 (2006.01) H01M 8/12 (2006.01) H02N 11/00 (2006.01)**
[25] EN
[54] **POWER GENERATING APPARATUS**
[54] **APPAREIL DE PRODUCTION DE COURANT**
[72] UCHIYAMA, NAOKI, JP
[73] KABUSHIKI KAISHA ATSUMITEC, JP
[85] 2008-08-14
[86] 2007-02-15 (PCT/JP2007/052754)
[87] (WO2007/105403)
[30] JP (2006-050121) 2006-02-27

[11] **2,643,420**
[13] C
[51] **Int.Cl. B65D 71/00 (2006.01)**
[25] EN
[54] **CARTON WITH MULTI-PLY HANDLE**
[54] **BOITE EN CARTON DOTEE D'UNE POIGNEE A COUCHES COMPOSITES**
[72] DUNN, JACK W., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2008-08-22
[86] 2007-03-01 (PCT/US2007/005327)
[87] (WO2007/100890)
[30] US (60/777,858) 2006-03-01

---

[11] **2,644,462**
[13] C
[51] **Int.Cl. G01C 21/00 (2006.01) G01C 21/16 (2006.01) G01S 5/14 (2006.01)**
[25] FR
[54] **HYBRID POSITIONING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE POSITIONNEMENT HYBRIDE**
[72] PETILLON, JEAN-PAUL, FR
[73] EUROCOPTER, FR
[85] 2008-08-28
[86] 2007-02-12 (PCT/FR2007/000255)
[87] (WO2007/099211)
[30] FR (06 01819) 2006-03-01

---

[11] **2,647,372**
[13] C
[51] **Int.Cl. F04C 2/10 (2006.01) F01C 21/02 (2006.01) F04C 2/08 (2006.01) F04C 15/00 (2006.01)**
[25] FR
[54] **A ROTARY DISPLACEMENT PUMP WITH SPACE-SAVER RADIAL**
[54] **POMPE VOLUMETRIQUE ROTATIVE A ENCOMBREMENT RADIAL REDUIT.**
[72] GRIMME MARC, FR
[72] PARQUET, JEAN-MARC, FR
[72] CARPENTIER, ALAIN, FR
[72] WARTELLE, CLAUDE, FR
[73] CARMAT, FR
[85] 2008-09-25
[86] 2007-05-07 (PCT/FR2007/000778)
[87] (WO2007/135261)
[30] FR (0604206) 2006-05-12

---

[11] **2,647,663**
[13] C
[51] **Int.Cl. F16B 35/04 (2006.01)**
[25] EN
[54] **SELF-COUNTER-SINKING SCREW WITH CIRCUMFERENTIAL CUTTERS**
[54] **VIS A AUTOFRAISAGE AVEC FRAISES PERIPHERIQUES**
[72] WALTHER, MIRCO, CA
[73] ILLINOIS TOOL WORKS INC., US
[86] (2647663)
[87] (2647663)
[22] 2008-12-19

---

[11] **2,648,576**
[13] C
[51] **Int.Cl. B32B 5/18 (2006.01) B32B 27/12 (2006.01) E04C 2/296 (2006.01) E04F 13/04 (2006.01) E04F 13/14 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **BUILDING BOARD FOR USE AS A CARRIER FOR A SURFACE CLADDING OF CERAMIC TILES, A STUCCO, OR A THIN-LAYER TROWEL MORTAR, ON OR IN BUILDINGS**
[54] **PANNEAU DE CONSTRUCTION SERVANT DE SUPPORT POUR BARDAGE DES SURFACES DE CARREAUX DE CERAMIQUE, D'UN OUVRAGE EN STUC OU DE MORTIER APPLIQUE A LA TRUELLE EN COUCHE MINCE, OU BIEN SUR DES BATIMENTS OU A L'INTERIEUR DE CEUX-CI**
[72] SCHLUETER, WERNER, DE
[73] SCHLUETER-SYSTEMS KG, DE
[85] 2008-10-06
[86] 2007-03-19 (PCT/EP2007/052578)
[87] (WO2007/115902)
[30] DE (202006005694.7) 2006-04-07

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[11] **2,650,087**
[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) A63C 19/06 (2006.01) F16M 11/32 (2006.01) G01C 15/00 (2006.01)**
[25] EN
[54] **REFERENCE BEAM GENERATOR FOR GENERATING GUIDE BEAMS FOR MARKING MACHINES**
[54] **GENERATEUR DE FAISCEAU DE REFERENCE POUR LA PRODUCTION DE FAISCEAUX CONDUCTEURS POUR CHARIOTS DE MARQUAGE**
[72] WALSER, BERND, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2008-10-22
[86] 2007-05-02 (PCT/EP2007/003840)
[87] (WO2007/131626)
[30] EP (06113815.2) 2006-05-11

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[11] **2,650,367**
[13] C
[51] **Int.Cl. B65G 47/91 (2006.01) B65B 41/06 (2006.01) B65H 3/08 (2006.01) B65H 5/14 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSFERRING SHEET-TYPE OBJECTS**
[54] **DISPOSITIF DE TRANSFERT D'OBJETS DE TYPE FEUILLE**
[72] WILD, HANS-PETER, DE
[72] LECHERT, FRANK, DE
[73] INDAG GESELLSCHAFT FUER INDUSTRIEBEDARF MBH & CO. BETRIEBS KG, DE
[86] (2650367)
[87] (2650367)
[22] 2009-01-22
[30] EP (08004208.8) 2008-03-06

[11] **2,651,451**
[13] C
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/343 (2006.01) A61K 31/745 (2006.01) A61K 31/785 (2006.01) A61K 9/52 (2006.01) A61P 25/04 (2006.01)**
[25] FR
[54] **EXTENDED RELEASE ORAL MULTIMICROPARTICLE DOSAGE FORM**
[54] **FORME PHARMACEUTIQUE ORALE MULTIMICROPARTICULAIRE A LIBERATION PROLONGEE**
[72] GUIMBERTEAU, FLORENCE, FR
[72] DARGELAS, FREDERIC, FR
[73] FLAMEL TECHNOLOGIES, FR
[85] 2008-11-06
[86] 2007-05-24 (PCT/EP2007/055069)
[87] (WO2007/135193)
[30] FR (06 04685) 2006-05-24

[11] **2,653,475**
[13] C
[51] **Int.Cl. A23L 2/52 (2006.01) A23C 9/152 (2006.01) A23C 9/154 (2006.01) A23C 11/10 (2006.01) A23J 3/00 (2006.01) A23L 1/0534 (2006.01) A23L 1/054 (2006.01) A23L 2/38 (2006.01) A23L 2/42 (2006.01) A23L 2/66 (2006.01) A23L 2/68 (2006.01)**
[25] EN
[54] **ACIDIFIED PROTEIN BEVERAGES CONTAINING SUSPENDED PARTICULATES AND METHODS OF MAKING SAME**
[54] **BOISSONS PROTEINEES ACIDIFIEES CONTENANT DES PARTICULES EN SUSPENSION ET LEURS METHODES DE FABRICATION**
[72] JACKSON, PHILIP HENRY, AU
[72] YUAN, CHIENKUO RONNIE, US
[72] KAZMIERSKI-STEELE, MICHELLE NICOLE, US
[72] HO, SHIONG BOCK JOHN, SG
[72] GOH, HWEE KWANG, SG
[73] CP KELCO U.S., INC., US
[85] 2008-11-25
[86] 2007-06-11 (PCT/US2007/070844)
[87] (WO2007/149719)
[30] US (11/425,880) 2006-06-22

[11] **2,656,567**
[13] C
[51] **Int.Cl. E21B 12/06 (2006.01)**
[25] EN
[54] **CUTTINGS REMOVAL WIPERS FOR CUTTER ASSEMBLIES AND METHOD**
[54] **ELEMENTS RACLEURS PERMETTANT D'EVACUER LA MATIERE DECOUPEE DESTINES A DES ENSEMBLES FRAISES ET PROCEDE**
[72] OSBORNE, ANDREW J., US
[73] ATLAS COPCO BHMT, US
[85] 2008-12-31
[86] 2007-06-20 (PCT/US2007/071696)
[87] (WO2007/149939)
[30] US (11/425,366) 2006-06-20

[11] **2,656,637**
[13] C
[51] **Int.Cl. C22C 38/14 (2006.01) B21C 37/08 (2006.01) C21D 8/10 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01) C22C 38/16 (2006.01) C22C 38/28 (2006.01) C22C 38/38 (2006.01) C22C 38/50 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH-TENSILE STRENGTH WELDED STEEL TUBE FOR STRUCTURAL PARTS OF AUTOMOBILES AND METHOD OF PRODUCING THE SAME**
[54] **TUBE EN ACIER SOUDE DE HAUTE TENSION POUR ELEMENT STRUCTURAL AUTOMOBILE ET SON PROCEDE DE FABRICATION**
[72] TOYODA, SHUNSUKE, JP
[72] ARATANI, MASATOSHI, JP
[72] KAWABATA, YOSHIKAZU, JP
[72] HASHIMOTO, YUJI, JP
[72] SUZUKI, KOJI, JP
[72] SAKATA, KEI, JP
[72] GUNJI, MAKIO, JP
[72] SATO, AKIO, JP
[72] SAWAKI, TETSURO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2008-12-30
[86] 2007-06-19 (PCT/JP2007/062651)
[87] (WO2008/004453)
[30] JP (2006-185810) 2006-07-05

[11] **2,656,690**
[13] C
[51] **Int.Cl. F24F 11/04 (2006.01) F24F 7/007 (2006.01) F24F 7/08 (2006.01)**
[25] EN
[54] **VENTILATOR CONTROL OPTIMIZER**
[54] **OPTIMISEUR DE COMMANDE DE VENTILATEUR**
[72] BOUDREAU, PATRICK, CA
[72] LEBLANC, DANIEL REGINALD, CA
[73] AIR TECH EQUIPMENT LTD., CA
[86] (2656690)
[87] (2656690)
[22] 2009-02-27
[30] CA (2,623,670) 2008-02-28

[11] **2,661,631**
[13] C
[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **APPARATUS FOR HANDLING AND RACKING PIPES**
[54] **APPAREIL POUR MANIPULER ET EMPILER DES TUYAUX**
[72] STROSHEIN, WILLIAM J., CA
[72] RICHARD, DAVID L., CA
[72] WRIGHT, MONTE N., CA
[72] JANTZEN, LEON K., CA
[72] ASSAF, IMAD, CA
[73] WEATHERFORD CANADA PARTNERSHIP, CA
[86] (2661631)
[87] (2661631)
[22] 2009-04-07

[11] **2,662,332**
[13] C
[51] **Int.Cl. B65D 75/20 (2006.01) B65D 75/30 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **PEEL-TO-OPEN PACKAGES**
[54] **EMBALLAGES A PELER POUR OUVRIR**
[72] MILLER, CHRISTOPHER MILES, US
[72] LAKES, RANDY JOSEPH, US
[72] BREWER, MATTHEW JOSHUA, US
[72] CAPPEL, BARBARA ANN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-03-03
[86] 2007-08-30 (PCT/IB2007/053508)
[87] (WO2008/029332)
[30] US (60/843,179) 2006-09-08

[11] **2,662,680**
[13] C
[51] **Int.Cl. B61C 17/00 (2006.01) F02N 19/04 (2010.01) F02N 19/10 (2010.01) F02N 99/00 (2010.01) B61C 5/00 (2006.01)**
[25] EN
[54] **AUXILIARY LOCOMOTIVE ENGINE WARMING SYSTEM**
[54] **SYSTEME AUXILIAIRE DE RECHAUFFAGE DE MOTEUR DE LOCOMOTIVE**
[72] GATES, BRADLEY R., US
[72] GROSS, BRIAN D., US
[72] O'NEAL, KEVIN W., US
[73] POWER DRIVES, INC., US
[86] (2662680)
[87] (2662680)
[22] 2009-04-16
[30] US (12/150,838) 2008-05-01

---

[11] **2,663,518**
[13] C
[51] **Int.Cl. D06P 3/00 (2006.01) A41D 19/015 (2006.01)**
[25] EN
[54] **STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME**
[54] **GANTS ANTI-TACHE RESISTANTS AUX COUPURES ET LEURS PROCEDES DE FABRICATION**
[72] PRICKETT, LARRY JOHN, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2009-03-13
[86] 2007-10-09 (PCT/US2007/021586)
[87] (WO2008/045445)
[30] US (11/545,740) 2006-10-10

---

[11] **2,665,056**
[13] C
[51] **Int.Cl. F15D 1/08 (2006.01) F15D 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SYNTHETIC JET ENHANCED NATURAL COOLING**
[54] **SYSTEMES ET METHODES POUR LE REFROIDISSEMENT NATUREL AMELIORE DE JET SYNTHETIQUE**
[72] BULT, JEFFREY RUSSELL, US
[72] ARIK, MEHMET, US
[72] GERSTLER, WILLIAM DWIGHT, US
[72] UTTURKAR, YOGEN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2665056)
[87] (2665056)
[22] 2009-04-30
[30] US (12/118,435) 2008-05-09

---

[11] **2,665,780**
[13] C
[51] **Int.Cl. B01D 21/24 (2006.01)**
[25] EN
[54] **THICKENER AND METHOD FOR THICKENING**
[54] **EPAISSISSANT ET PROCEDE D'EPAISSISSEMENT**
[72] TRIGLAVCANIN, RICHARD, AU
[72] ARBUTHNOT, IAN, AU
[73] OUTOTEC OYJ, FI
[85] 2009-04-07
[86] 2007-10-16 (PCT/FI2007/000248)
[87] (WO2008/053066)
[30] FI (20060954) 2006-10-30

---

[11] **2,665,815**
[13] C
[51] **Int.Cl. B01D 21/24 (2006.01)**
[25] EN
[54] **THICKENING APPARATUS AND METHOD FOR THICKENING**
[54] **APPAREIL ET PROCEDE D'EPAISSISSEMENT**
[72] TRIGLAVCANIN, RICHARD, AU
[73] OUTOTEC OYJ, FI
[85] 2009-04-07
[86] 2007-10-16 (PCT/FI2007/000247)
[87] (WO2008/053065)
[30] FI (20060955) 2006-10-30

---

[11] **2,667,094**
[13] C
[51] **Int.Cl. F16M 13/00 (2006.01) A47F 7/02 (2006.01) F16M 11/00 (2006.01) F16M 11/04 (2006.01) A45C 11/04 (2006.01)**
[25] EN
[54] **MAGNETIC EYEGLASS HOLDER**
[54] **PORTE-LUNETTES MAGNETIQUE**
[72] JONGEBLOED, JAMES T., US
[73] GRIPPING EYEWEAR, INC., US
[85] 2009-04-20
[86] 2007-10-29 (PCT/US2007/082790)
[87] (WO2008/057816)
[30] US (60/864,502) 2006-11-06
[30] US (11/566,872) 2006-12-05

---

[11] **2,667,595**
[13] C
[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/494 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE AND COMPOSITE SHEET**
[54] **ARTICLE ABSORBANT ET VOILE COMPOSITE**
[72] TSUJI, TOMOKO, JP
[72] MUKAI, HIROTOMO, JP
[72] SASAYAMA, KENICHI, JP
[72] HASHIMOTO, TATSUYA, JP
[72] WAKASUGI, KEI, JP
[73] UNI-CHARM CORPORATION, JP
[85] 2009-04-24
[86] 2007-11-26 (PCT/JP2007/072783)
[87] (WO2008/066007)
[30] JP (2006-319396) 2006-11-27

---

[11] **2,669,103**
[13] C
[51] **Int.Cl. B29D 99/00 (2010.01) B32B 3/12 (2006.01)**
[25] EN
[54] **SHAPED HONEYCOMB**
[54] **STRUCTURE ALVEOLAIRE**
[72] HENDREN, GARY LEE, US
[72] LEVIT, MIKHAIL R., US
[72] KHAN, SUBHOTOSH, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2009-05-08
[86] 2007-12-12 (PCT/US2007/025413)
[87] (WO2008/076283)
[30] US (11/639,468) 2006-12-15

[11] **2,669,800**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 21/04 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) A61P 35/00 (2006.01) C07K 16/08 (2006.01)**
[25] EN
[54] **NERVE ELONGATION PROMOTER AND ELONGATION INHIBITOR**
[54] **AGENT PROMOTEUR DE L'ETIREMENT DES NERFS ET AGENT INHIBITEUR DE L'ETIREMENT DES NERFS**
[72] SHIRAKI, KIMIYASU, JP
[72] HAMA, YUKA, JP
[72] YOSHIDA, YOSHIHIRO, JP
[72] TSUDA, MASAAKI, JP
[72] TSUMOTO, TADAHARU, JP
[72] ENDO, SHUNRO, JP
[72] TAKAHASHI, MICHIAKI, JP
[73] THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY, JP
[85] 2009-05-15
[86] 2007-11-16 (PCT/JP2007/072284)
[87] (WO2008/059959)
[30] JP (2006-312236) 2006-11-17

[11] **2,670,796**
[13] C
[51] **Int.Cl. B01J 8/40 (2006.01) B01J 8/42 (2006.01) B01J 19/08 (2006.01) C01B 33/04 (2006.01) C01B 33/107 (2006.01)**
[25] EN
[54] **ELECTROMETALLURGICAL PROCESSING METHOD, AND AN APPARATUS FOR PRODUCTION OF SILANE**
[54] **PROCEDE DE TRAITEMENT ELECTROMETALLURGIQUE ET APPAREIL DE FABRICATION DE SILANE**
[72] KJEKSHUS, ARNE, NO
[72] WESSEL-BERG, TORE, NO
[72] BRAATEN, ORVAR (DECEASED), NO
[73] ELKEM SOLAR AS, NO
[85] 2009-05-26
[86] 2007-02-21 (PCT/NO2007/000064)
[87] (WO2007/097632)
[30] NO (20060829) 2006-02-21

[11] **2,671,881**
[13] C
[51] **Int.Cl. H04W 4/18 (2009.01) G10L 19/125 (2013.01) G10L 19/24 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DIMMING A FIRST PACKET ASSOCIATED WITH A FIRST BIT RATE TO A SECOND PACKET ASSOCIATED WITH A SECOND BIT RATE**
[54] **SYSTEMES ET PROCEDES DESTINES A DIMINUER UN PREMIER PAQUET ASSOCIE A UN PREMIER DEBIT BINAIRE JUSQU'A OBTENIR UN SECOND PAQUET ASSOCIE A UN SECOND DEBIT BINAIRE**
[72] RAJENDRAN, VIVEK, US
[72] KANDHADAI, ANANTHAPADMANABHAN A., US
[73] QUALCOMM INCORPORATED, US
[85] 2009-06-05
[86] 2007-12-27 (PCT/US2007/088926)
[87] (WO2008/085752)
[30] US (11/619,798) 2007-01-04

[11] **2,672,830**
[13] C
[51] **Int.Cl. C07C 233/05 (2006.01) A01N 25/02 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01) A01P 13/00 (2006.01) A01P 21/00 (2006.01) C11D 3/43 (2006.01)**
[25] FR
[54] **NOVEL BIS(DIALKYLAMIDE) COMPOUNDS, PROCESS FOR THE PREPARATION THEREOF AND USES THEREOF**
[54] **NOUVEAUX COMPOSES BIS(DIALKYLAMIDES), PROCEDE DE PREPARATION ET UTILISATIONS**
[72] MAS, JEAN-MANUEL, CN
[72] BRAMATI, VALERIO, IT
[72] GUGLIERI, MASSIMO, FR
[72] LOURENCO, WAGNER CELIO FERRAZ, BR
[73] RHODIA OPERATIONS, FR
[85] 2009-06-16
[86] 2007-12-19 (PCT/EP2007/064235)
[87] (WO2008/074837)
[30] FR (06/11060) 2006-12-19

[11] **2,676,330**
[13] C
[51] **Int.Cl. A23L 1/015 (2006.01) A23L 1/01 (2006.01) A23L 1/216 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING ACRYLAMIDE FORMATION IN THERMALLY PROCESSED FOODS**
[54] **PROCEDE DE REDUCTION DE LA FORMATION D'ACRYLAMIDE DANS DES PRODUITS ALIMENTAIRES TRAITES THERMIQUEMENT**
[72] BOUDREAUX, ERIC, US
[72] DESAI, PRAVIN MAGANLAL, US
[72] ELDER, VINCENT ALLEN, US
[72] FULCHER, JOHN GREGORY, US
[72] JOSEPH, PONNATTU KURIAN, US
[72] LI, WU, US
[72] RAO, V. N. MOHAN, US
[72] TOPOR, MICHAEL GRANT, US
[72] VOGEL, GERALD JAMES, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[85] 2009-07-13
[86] 2008-01-21 (PCT/US2008/051578)
[87] (WO2008/091821)
[30] US (11/627,810) 2007-01-26

[11] **2,681,495**
[13] C
[51] **Int.Cl. E05F 1/16 (2006.01) E05D 15/16 (2006.01) E05F 11/38 (2006.01) F16F 1/12 (2006.01) F16F 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CANCELING OPPOSING TORSIONAL FORCES IN A COMPOUND BALANCE**
[54] **DISPOSITIF ET METHODE D'ANNULATION DES FORCES DE TORSION DANS UNE BALANCE COMBINEE**
[72] LUCCI, ROBERT M., US
[72] KELLUM, WILBUR JAMES, III, US
[73] CALDWELL MANUFACTURING COMPANY, US
[86] (2681495)
[87] (2681495)
[22] 2009-10-01
[30] US (61/102,088) 2008-10-02

[11] **2,681,791**
[13] C
[51] **Int.Cl. B22D 17/00 (2006.01)**
[25] EN
[54] **PROCEDURE FOR MANUFACTURING A FRAME-LIKE STRUCTURAL COMPONENT**
[54] **PROCEDE DE FABRICATION D'ELEMENT STRUCTURAL SEMBLABLE A UNE OSSATURE**
[72] JUNGERT, DIETER, DE
[72] GILBERT, TASSILO, DE
[72] BIERSACK, HARALD, DE
[73] DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT, DE
[86] (2681791)
[87] (2681791)
[22] 2009-10-07
[30] DE (10 2008 052 062.4) 2008-10-17

---

[11] **2,681,990**
[13] C
[51] **Int.Cl. H05B 41/24 (2006.01)**
[25] EN
[54] **DISCHARGE LAMP LIGHTING DEVICE, LIGHTING FIXTURE, AND LIGHTING SYSTEM**
[54] **DISPOSITIF D'ACTIONNEMENT DE LAMPE A DECHARGE ELECTRIQUE, EQUIPEMENT D'ECLAIRAGE ET SYSTEME D'ECLAIRAGE**
[72] NAGATA, SATORU, JP
[72] KUMAGAI, JUN, JP
[72] KOMATSU, NAOKI, JP
[73] PANASONIC CORPORATION, JP
[85] 2009-09-23
[86] 2008-03-13 (PCT/JP2008/054595)
[87] (WO2008/117673)
[30] JP (2007-083013) 2007-03-27

---

[11] **2,682,884**
[13] C
[51] **Int.Cl. A47C 17/72 (2006.01) A47C 19/12 (2006.01)**
[25] EN
[54] **FOLDABLE BEDSTEAD**
[54] **CHALIT PLIANT**
[72] CHOI, KWAN-JUN, KR
[73] XIAMEN INNOVATION METAL PRODUCTS CO., LTD., CN
[85] 2009-10-05
[86] 2007-06-11 (PCT/CN2007/001842)
[87] (WO2008/122157)
[30] CN (200720006729.5) 2007-04-05

---

[11] **2,683,302**
[13] C
[51] **Int.Cl. E04B 1/70 (2006.01) E04D 13/14 (2006.01) E04D 13/143 (2006.01)**
[25] EN
[54] **MOLDED POLYMERIC DRIP EDGE**
[54] **BORDURE DE TOIT POLYMERIQUE MOULEE**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2683302)
[87] (2683302)
[22] 2009-10-22
[30] US (12/258,837) 2008-10-27

---

[11] **2,683,381**
[13] C
[51] **Int.Cl. E04C 5/16 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **LOCKING CONCRETE INSERT**
[54] **GARNITURE DE VERROUILLAGE A BETON**
[72] HOHMANN, RONALD P., US
[73] MITEK HOLDINGS, INC., US
[86] (2683381)
[87] (2683381)
[22] 2009-10-21
[30] US (12/258,890) 2008-10-27

---

[11] **2,685,053**
[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **RESTRICTOR VALVE MOUNTING FOR DOWNHOLE SCREENS**
[54] **SUPPORT DE VANNE DE RESTRICTION POUR TAMIS DE FOND**
[72] CORONADO, MARTIN P., US
[72] CROW, STEVE L., US
[72] HENRIKSEN, KNUT, US
[73] BAKERS HUGHES INCORPORATED, US
[85] 2009-10-22
[86] 2008-04-22 (PCT/US2008/061150)
[87] (WO2008/134311)
[30] US (11/740,080) 2007-04-25

---

[11] **2,685,312**
[13] C
[51] **Int.Cl. H03M 7/40 (2006.01) H04N 7/50 (2006.01)**
[25] EN
[54] **DIGITAL SIGNAL CODING/DECODING APPARATUS**
[54] **APPAREIL DE CODAGE/DECODAGE DE SIGNAUX NUMERIQUES**
[72] SEKIGUCHI, SHUNICHI, JP
[72] YAMADA, YOSHIHISA, JP
[72] ASAI, KOHTARO, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[86] (2685312)
[87] (2685312)
[22] 2003-04-10
[62] 2,632,408
[30] JP (2002-124114) 2002-04-25

---

[11] **2,686,197**
[13] C
[51] **Int.Cl. G01F 1/69 (2006.01) G01F 1/696 (2006.01) F24F 11/04 (2006.01)**
[25] EN
[54] **FAN AIR FLOW MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DU FLUX D'AIR D'UN VENTILATEUR**
[72] VOGEL, TIM, US
[72] WILEY, JOSIAH, US
[72] BENEKE, JEFF, US
[73] RUSKIN COMPANY, US
[86] (2686197)
[87] (2686197)
[22] 2009-11-19
[30] US (12/316,175) 2008-12-10

[11] **2,687,492**
[13] C
[51] **Int.Cl. A61K 36/8888 (2006.01) A61K 36/233 (2006.01) A61K 36/428 (2006.01) A61K 36/539 (2006.01) A61K 36/708 (2006.01) A61K 36/71 (2006.01) A61K 36/718 (2006.01) A61K 36/736 (2006.01) A61K 36/75 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **A HERBAL COMPOSITION, METHOD FOR PREPARING THE SAME AND USE THEREOF FOR TREATING DIABETES MELLITUS**
[54] **COMPOSITION A BASE D'HERBES DESTINEE AU TRAITEMENT DU DIABETE ET SON PROCEDE DE PREPARATION**
[72] TONG, XIAOLIN, CN
[72] ZHU, YONGHONG, CN
[72] ZHOU, SHUIPING, CN
[72] E, XIUHUI, CN
[72] WANG, SHUANGMING, CN
[72] XIA, ZHONGTING, CN
[73] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2009-11-17
[86] 2008-07-28 (PCT/CN2008/001383)
[87] (WO2009/015557)
[30] CN (200710058571.0) 2007-08-02
[30] CN (200710058572.5) 2007-08-02
[30] CN (200710058573.X) 2007-08-02
[30] CN (200710058574.4) 2007-08-02

[11] **2,687,524**
[13] C
[51] **Int.Cl. F22B 37/48 (2006.01) B01D 21/24 (2006.01) F22B 37/54 (2006.01)**
[25] EN
[54] **BLOWOFF TANK**
[54] **RESERVOIR DE DECHARGE**
[72] SCHROEDER, JOSEPH E., US
[73] NOOTER/ERIKSEN, INC., US
[85] 2009-11-17
[86] 2008-05-13 (PCT/US2008/063531)
[87] (WO2008/144313)
[30] US (60/938,853) 2007-05-18

[11] **2,687,638**
[13] C
[51] **Int.Cl. C07C 31/20 (2006.01) B01F 7/26 (2006.01) C07C 29/10 (2006.01) C07C 29/80 (2006.01)**
[25] EN
[54] **METHOD OF MAKING ALKYLENE GLYCOLS**
[54] **PROCEDE DE PRODUCTION D'ALKYLENE GLYCOLS**
[72] HASSAN, ABBAS, US
[72] BAGHERZADEH, EBRAHIM, US
[72] ANTHONY, RAYFORD G., US
[72] BORSINGER, GREGORY, US
[72] HASSAN, AZIZ, US
[73] H R D CORPORATION, US
[85] 2009-11-19
[86] 2008-06-25 (PCT/US2008/068219)
[87] (WO2009/003053)
[30] US (60/946,484) 2007-06-27

[11] **2,687,904**
[13] C
[51] **Int.Cl. F04D 29/24 (2006.01) F04D 7/04 (2006.01) F04D 29/22 (2006.01) F04D 29/42 (2006.01)**
[25] EN
[54] **CENTRIFUGAL IMPELLER/PROPELLER PUMP SYSTEM**
[54] **SYSTEME DE POMPE A PALES/HELICES CENTRIFUGE**
[72] AIROSA, FRANK L., US
[72] MYRICK, BRAD D., US
[73] EQUIPEMENTS DE FERME JAMESWAY INC./JAMESWAY FARM EQUIPMENTS INC., CA
[85] 2009-11-20
[86] 2008-05-22 (PCT/US2008/006534)
[87] (WO2008/153720)
[30] US (60/931,799) 2007-05-25
[30] US (11/893,488) 2007-08-16

[11] **2,688,636**
[13] C
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/50 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **TEMPERATURE SWING ADSORPTION OF CO2 FROM FLUE GAS USING A PARALLEL CHANNEL CONTACTOR**
[54] **ADSORPTION MODULEE EN TEMPERATURE DE CO2 PRESENT DANS DES GAZ DE COMBUSTION AU MOYEN D'UN CONTACTEUR A CANAUX PARALLELES**
[72] DECKMAN, HARRY W., US
[72] KELLEY, BRUCE T., US
[72] HERSHKOWITZ, FRANK, US
[72] CHANCE, RONALD R., US
[72] NORTHROP, P. SCOTT, US
[72] CORCORAN, EDWARD W., JR., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2009-11-18
[86] 2008-05-16 (PCT/US2008/006278)
[87] (WO2008/143968)
[30] US (60/930,827) 2007-05-18

[11] **2,689,676**
[13] C
[51] **Int.Cl. A61B 1/267 (2006.01)**
[25] EN
[54] **AIRWAY MANAGEMENT**
[54] **ASSISTANCE RESPIRATOIRE**
[72] NEARMAN, HOWARD S., US
[72] VOLTZ, DONALD M., US
[72] AHARON, ALON S., US
[73] AVN MEDICAL TECHNOLOGIES, LLC, US
[85] 2009-12-07
[86] 2008-06-11 (PCT/US2008/066544)
[87] (WO2008/157170)
[30] US (60/943,320) 2007-06-12

[11] **2,692,250**
[13] C
[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **VIDEO ENCODING AND DECODING METHODS USING RESIDUAL PREDICTION, AND CORRESPONDING APPARATUSES**
[54] **METHODES DE CODAGE ET DE DECODAGE VIDEO UTILISANT LA PREDICTION RESIDUELLE ET APPAREILS CORRESPONDANTS**
[72] SHIMIZU, SHINYA, JP
[72] KIMATA, HIDEAKI, JP
[72] KAMIKURA, KAZUTO, JP
[72] YASHIMA, YOSHIYUKI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2009-12-18
[86] 2008-06-23 (PCT/JP2008/061398)
[87] (WO2009/001791)
[30] JP (2007-165828) 2007-06-25

---

[11] **2,692,389**
[13] C
[51] **Int.Cl. A61F 13/472 (2006.01)**
[25] EN
[54] **SANITARY PRODUCT**
[54] **PRODUIT SANITAIRE**
[72] HOOI, (ALEX) YU SING, GB
[73] MCGUINNESS, KEIR, GB
[86] (2692389)
[87] (2692389)
[22] 2004-12-10
[62] 2,548,434
[30] GB (0328810.7) 2003-12-12
[30] GB (0411222.3) 2004-05-20

---

[11] **2,692,534**
[13] C
[51] **Int.Cl. A61F 5/052 (2006.01)**
[25] EN
[54] **ORTHOTIC FOOT BRACE**
[54] **ORTHESE POUR LE PIED**
[72] SAVARD, STEPHANE, CA
[72] COTE, FRANCOIS, CA
[73] ORTHESES TURBOMED INC. / TURBOMED ORTHOTICS INC., CA
[86] (2692534)
[87] (2692534)
[22] 2010-02-09

---

[11] **2,694,910**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01)**
[25] EN
[54] **RECLAMATION OF HALIDE-CONTAMINATED FORMATE BRINES**
[54] **RECYCLAGE DE SAUMURES DE FORMIATE CONTAMINEES PAR HALOGENURE**
[72] HORTON, ROBERT L., US
[72] ZHANG, JOYCE H., US
[72] ARVIE, MORRIS, JR., US
[73] M-I LLC, US
[85] 2010-01-27
[86] 2008-07-29 (PCT/US2008/071469)
[87] (WO2009/018273)
[30] US (60/953,631) 2007-08-02

---

[11] **2,695,677**
[13] C
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/30 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS COMPRISING A BROWSER**
[54] **PROCEDE ET APPAREIL COMPRENANT UN NAVIGATEUR**
[72] SAVINEN, TEPPO, FI
[72] JALKANEN, JANNE, FI
[73] NOKIA CORPORATION, FI
[85] 2010-02-05
[86] 2007-11-13 (PCT/FI2007/000274)
[87] (WO2009/063121)

---

[11] **2,698,577**
[13] C
[51] **Int.Cl. C08L 21/00 (2006.01) C08C 1/14 (2006.01) C08J 3/20 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **AN ELASTOMER COMPOSITE AND METHOD FOR PRODUCING IT**
[54] **COMPOSITE ELASTOMERE ET PROCEDE SERVANT A PRODUIRE CELUI-CI**
[72] ZHANG, XUAN, US
[72] MORRIS, MICHAEL D., US
[73] CABOT CORPORATION, US
[85] 2010-02-26
[86] 2008-08-28 (PCT/US2008/010222)
[87] (WO2009/032178)
[30] US (60/966,853) 2007-08-30

---

[11] **2,698,779**
[13] C
[51] **Int.Cl. F24F 11/00 (2006.01) H04L 12/16 (2006.01) H04L 29/10 (2006.01)**
[25] EN
[54] **COMMUNICATION PROTOCOL SYSTEM AND METHOD FOR A DISTRIBUTED-ARCHITECTURE HEATING, VENTILATION AND AIR CONDITIONING NETWORK**
[54] **SYSTEME ET METHODE DE PROTOCOLE DE COMMUNICATION APPLICABLE A UN RESEAU DE CHAUFFAGE, DE VENTILATION ET DE CLIMATISATION A ARCHITECTURE DISTRIBUEE**
[72] GROHMAN, WOJCIECH, US
[73] LENNOX INDUSTRIES INC., US
[86] (2698779)
[87] (2698779)
[22] 2010-04-01
[30] US (61/167,135) 2009-04-06
[30] US (12/603,532) 2009-10-21

---

[11] **2,698,825**
[13] C
[51] **Int.Cl. C07D 215/56 (2006.01) A61K 31/47 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **DEUTERATED 4 - OXOQUINOLINE DERIVATIVES FOR THE TREATMENT OF HIV INFECTION**
[54] **DERIVES DEUTERES DE 4-OXOQUINOLEINE POUR LE TRAITEMENT DE L'INFECTION PAR LE VIH**
[72] HARBESON, SCOTT L., US
[73] CONCERT PHARMACEUTICALS, INC., US
[85] 2010-03-08
[86] 2008-09-12 (PCT/US2008/010662)
[87] (WO2009/035662)
[30] US (60/993,428) 2007-09-12

[11] **2,699,410**
[13] C
[51] **Int.Cl. A61K 39/02 (2006.01) C12N 1/36 (2006.01)**
[25] EN
[54] **ATTENUATED MYCOPLASMA GALLISEPTICUM STRAINS**
[54] **SOUCHES DE MYCOPLASMA GALLISEPTICUM ATTENUEES**
[72] KUMAR, MAHESH, US
[72] KHAN, MUHAMMAD AYUB, US
[73] ZOETIS W LLC, US
[85] 2010-03-11
[86] 2008-09-10 (PCT/US2008/010630)
[87] (WO2009/035644)
[30] US (60/993,447) 2007-09-11

---

[11] **2,699,759**
[13] C
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/12 (2009.01)**
[25] EN
[54] **APPARATUS, METHODS, AND COMPUTER PROGRAM PRODUCTS PROVIDING A DYNAMIC HEADER STRUCTURE FOR SIGNALING RESOURCE ALLOCATIONS**
[54] **APPAREIL, PROCEDES ET PRODUITS DE PROGRAMME INFORMATIQUE PERMETTANT D'OBTENIR UNE STRUCTURE D'EN-TETE DYNAMIQUE POUR DES ATTRIBUTIONS DE RESSOURCES DE SIGNALISATION**
[72] FREDERIKSEN, FRANK, DK
[72] LINDH, LARS E., FI
[72] OJALA, JUSSI K., FI
[72] VISURI, JAAKKO EERO SAMULI, FI
[73] NOKIA CORPORATION, FI
[85] 2010-03-16
[86] 2008-09-25 (PCT/IB2008/053916)
[87] (WO2009/040763)
[30] US (60/995,544) 2007-09-26

---

[11] **2,702,135**
[13] C
[51] **Int.Cl. B65B 55/12 (2006.01) B65B 55/00 (2006.01) A23C 3/00 (2006.01) A23L 2/42 (2006.01) A23L 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMULATING AND ASEPTICALLY FILLING LIQUID PRODUCTS**
[54] **APPAREIL ET PROCEDE DE FORMULATION ET DE REMPLISSAGE ASEPTIQUE DE PRODUITS LIQUIDES**
[72] PY, DANIEL, US
[73] MEDICAL INSTILL TECHNOLOGIES, INC., US
[85] 2010-04-01
[86] 2008-10-03 (PCT/US2008/078862)
[87] (WO2009/046386)
[30] US (60/997,675) 2007-10-04

---

[11] **2,702,280**
[13] C
[51] **Int.Cl. G09C 1/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SIGNATURE GENERATING APPARATUS, SIGNATURE VERIFYING APPARATUS AND METHODS THEREFOR**
[54] **GENERATEUR DE SIGNATURES, DISPOSITIF DE CONTROLE DE SIGNATURES ET PROCEDES CONNEXES**
[72] SUZUKI, KOUTAROU, JP
[72] ABE, MASAYUKI, JP
[72] OKAMOTO, TATSUAKI, JP
[72] FUJIOKA, ATSUSHI, JP
[72] YAMAMOTO, GO, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2010-04-07
[86] 2008-04-24 (PCT/JP2008/057962)
[87] (WO2009/057338)
[30] JP (2007-280287) 2007-10-29

---

[11] **2,703,249**
[13] C
[51] **Int.Cl. F16L 15/00 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPES**
[54] **RACCORD FILETE POUR TUYAUX EN ACIER**
[72] YAMAGUCHI, SUGURU, JP
[72] NAKAMURA, KEIICHI, JP
[72] SUGINO, MASAAKI, JP
[72] IWAMOTO, MICHIHIKO, JP
[72] BRIQUET, GABRIEL, FR
[72] PATUREAU, CLAIRE, FR
[72] DALY, DALY, FR
[72] MAILLON, BERTRAND, FR
[72] BEIGNEUX, SYLVAIN, FR
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2010-04-21
[86] 2008-10-17 (PCT/JP2008/069295)
[87] (WO2009/060729)
[30] JP (PCT/JP2007/072231) 2007-11-08

---

[11] **2,706,685**
[13] C
[51] **Int.Cl. A61F 2/32 (2006.01) A61F 2/02 (2006.01) A61L 27/04 (2006.01) A61L 27/30 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **ENHANCED FATIGUE STRENGTH ORTHOPAEDIC IMPLANT WITH POROUS COATING AND METHOD OF MAKING SAME**
[54] **IMPLANT ORTHOPEDIQUE A REVETEMENT POREUX ET A RESISTANCE A LA RUPTURE AMELIOREE ET METHODE DE FABRICATION**
[72] SHETTY, H. RAVINDRANATH, US
[73] ZIMMER TECHNOLOGY, INC., US
[86] (2706685)
[87] (2706685)
[22] 2000-03-03
[62] 2,299,939
[30] US (09/267,272) 1999-03-12

[11] **2,708,453**
[13] C
[51] **Int.Cl. H05K 5/02 (2006.01) E04C 2/40 (2006.01) H02G 3/08 (2006.01) H05K 5/04 (2006.01)**
[25] EN
[54] **HOUSING FORMED FROM EXTRUDED PANELS**
[54] **BOITIER FAIT A PARTIR DE PANNEAUX EXTRUDES**
[72] ROSENDAHL, DEAN R., CA
[73] ROSENDAHL, DEAN R., CA
[86] (2708453)
[87] (2708453)
[22] 2010-07-15

---

[11] **2,710,739**
[13] C
[51] **Int.Cl. F24F 13/14 (2006.01)**
[25] EN
[54] **BACK DRAFT DAMPER**
[54] **REGISTRE ANTI-REFOULEMENT**
[72] HOPKINS, LARRY, US
[72] JONES, EMILY, US
[72] PASSADORE, ALBERT, US
[72] BENSON, DAVID, US
[73] HUNTAIR, INC., US
[86] (2710739)
[87] (2710739)
[22] 2010-07-22
[30] US (12/462,172) 2009-07-29
[30] US (12/775,000) 2010-05-06

---

[11] **2,711,158**
[13] C
[51] **Int.Cl. D06F 37/28 (2006.01) D06F 39/14 (2006.01) D06F 58/20 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT MACHINE AND CONTROL METHOD THEREOF**
[54] **MACHINE DE TRAITEMENT DE LESSIVE ET METHODE DE COMMANDE CONNEXE**
[72] YOUNGJONG, KIM, KR
[72] CHANGWOO, SON, KR
[73] LG ELECTRONICS INC., KR
[86] (2711158)
[87] (2711158)
[22] 2010-07-29
[30] US (61/230,568) 2009-07-31
[30] US (61/230,624) 2009-07-31
[30] US (61/230,519) 2009-07-31
[30] US (61/230,588) 2009-07-31
[30] KR (10-2009-0071035) 2009-07-31
[30] KR (10-2009-0071034) 2009-07-31
[30] KR (10-2009-0071033) 2009-07-31
[30] KR (10-2009-0071032) 2009-07-31
[30] KR (10-2009-0104443) 2009-10-30
[30] KR (10-2009-0104444) 2009-10-30
[30] KR (10-2010-0072496) 2010-07-27

---

[11] **2,713,345**
[13] C
[51] **Int.Cl. F02D 41/02 (2006.01) F02D 29/04 (2006.01) F02D 29/06 (2006.01)**
[25] EN
[54] **SERVICE PACK POWER MANAGEMENT**
[54] **GESTION DE PUISSANCE D'ENSEMBLE DE SERVICES**
[72] PEOTTER, BENJAMIN G., US
[72] RENNER, ROSS, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2010-07-26
[86] 2009-01-30 (PCT/US2009/032520)
[87] (WO2009/099908)
[30] US (61/026,122) 2008-02-04
[30] US (12/361,394) 2009-01-28

---

[11] **2,713,396**
[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 33/127 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **FORMATION TESTER WITH FLUID MOBILITY ENHANCEMENT TO ENABLE USE OF A LOW VOLUME FLOW LINE FOR FLUID SAMPLE COLLECTION AND METHOD OF USE THEREOF**
[54] **TESTEUR DE FORMATION AVEC FAIBLE VOLUME DE LIGNE D'ECOULEMENT**
[72] GOODWIN, ANTHONY, R. H., US
[72] POP, JULIAN J., US
[72] BRIQUET, STEPHANE, US
[72] VASQUES, RICARDO, FR
[72] ZAZOVSKY, ALEXANDER, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-07-14
[86] 2009-01-22 (PCT/US2009/031635)
[87] (WO2009/094410)
[30] US (61/022,996) 2008-01-23
[30] US (12/357,133) 2009-01-21

---

[11] **2,713,552**
[13] C
[51] **Int.Cl. F23M 11/04 (2006.01) F23N 5/08 (2006.01) F23N 5/24 (2006.01)**
[25] EN
[54] **FLAME SCANNER COLLIMATOR BODY**
[54] **CORPS DE COLLIMATEUR DE SCANNER DE FLAMME**
[72] CHASE, PAUL H., US
[72] CLARK, WILLIAM M., III, US
[72] FUSCO, PIO J., US
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2010-07-28
[86] 2009-01-26 (PCT/US2009/031988)
[87] (WO2009/105308)
[30] US (12/033,542) 2008-02-19

[11] **2,715,187**
[13] C
[51] **Int.Cl. E03C 1/02 (2006.01) E03C 1/05 (2006.01) F16K 11/00 (2006.01) G05D 23/13 (2006.01)**
[25] EN
[54] **DIGITAL SHOWER SYSTEM AND OPERATING METHOD FOR WATER MONITORING INFORMATION THEREOF**
[54] **SYSTEME DE DOUCHE NUMERIQUE ET METHODE D'EXPLOPITATION CONNEXE POUR LE CONTROLE DES DONNEES RELATIVES A L'EAU UTILISEE**
[72] LIN, JINGYANG, TW
[73] GLOBE UNION INDUSTRIAL CORP., TW
[86] (2715187)
[87] (2715187)
[22] 2010-09-13
[30] CN (201010189185.7) 2010-05-26

[11] **2,715,213**
[13] C
[51] **Int.Cl. F28C 3/00 (2006.01) B64D 15/04 (2006.01) B64F 1/36 (2006.01) E01H 5/10 (2006.01)**
[25] EN
[54] **A DELIVERY HEAD SYSTEM FOR OPTIMIZING HEAT TRANSFER TO A CONTAMINATED SURFACE**
[54] **SYSTEME DE TETE DE DISTRIBUTION PERMETTANT D'OPTIMISER UN TRANSFERT DE CHALEUR VERS UNE SURFACE CONTAMINEE**
[72] BOURGAULT, PIERRE, CA
[73] CHINOOK MOBILE HEATING AND DEICING CORPORATION, CA
[85] 2009-10-21
[86] 2008-05-12 (PCT/CA2008/000928)
[87] (WO2008/138135)
[30] US (60/917,636) 2007-05-11
[30] US (60/917,640) 2007-05-11

[11] **2,715,321**
[13] C
[51] **Int.Cl. B60R 9/10 (2006.01) B60P 7/06 (2006.01)**
[25] EN
[54] **RETRACTABLE CABLES IN A LOAD CARRIER**
[54] **CABLES RETRACTABLES DE PORTEUR DE CHARGE**
[72] STEVENS, JAMES TRAVIS, US
[72] PRESCOTT, KEITH, US
[73] THULE SWEDEN AB, SE
[86] (2715321)
[87] (2715321)
[22] 2010-09-21
[30] US (61/244,846) 2009-09-22

[11] **2,716,382**
[13] C
[51] **Int.Cl. F16L 11/08 (2006.01) F16L 11/02 (2006.01) F16L 11/04 (2006.01) F16L 11/20 (2006.01)**
[25] EN
[54] **CONTROLLED EXPANSION HOSE**
[54] **TUYAU A EXPANSION REGLEE**
[72] JOHNSON, ALAN C., US
[72] NG, ALEXANDRA MEI, US
[73] THE GATES CORPORATION, US
[85] 2010-08-17
[86] 2009-02-20 (PCT/US2009/001115)
[87] (WO2009/108289)
[30] US (12/037,626) 2008-02-26

[11] **2,717,069**
[13] C
[51] **Int.Cl. C07C 381/10 (2006.01) A01N 43/40 (2006.01) A01N 47/00 (2006.01) A01P 7/04 (2006.01) C07D 213/14 (2006.01) C07D 213/75 (2006.01) C07D 403/12 (2006.01) C07D 407/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **PESTICIDES**
[54] **PESTICIDES**
[72] BREAUX, NNEKA, US
[72] LOSO, MICHAEL, US
[72] JOHNSON, TIMOTHY, US
[72] BABCOCK, JONATHAN, US
[72] NUGENT, BENJAMIN, US
[72] MARTIN, TIMOTHY, US
[72] BROWN, ANNETTE, US
[72] ROSS, RONALD, US
[72] LO, WILLIAM, US
[72] OBER, MATTHIAS, US
[73] DOW AGROSCIENCES LLC, US
[85] 2010-08-27
[86] 2009-02-27 (PCT/US2009/035475)
[87] (WO2009/111309)
[30] US (61/067,874) 2008-03-03

[11] **2,717,833**
[13] C
[51] **Int.Cl. B05B 5/053 (2006.01) B05B 5/04 (2006.01)**
[25] EN
[54] **SEALED ELECTRICAL SOURCE FOR AIR-POWERED ELECTROSTATIC ATOMIZING AND DISPENSING DEVICE**
[54] **SOURCE ELECTRIQUE ETANCHE POUR LA PULVERISATION ELECTROSTATIQUE A COMMANDE PNEUMATIQUE ET DISPOSITIF DE DISTRIBUTION**
[72] BALTZ, JAMES P., US
[73] FINISHING BRANDS HOLDINGS INC., US
[85] 2010-09-07
[86] 2009-03-02 (PCT/US2009/035720)
[87] (WO2009/114322)
[30] US (12/045,155) 2008-03-10

[11] **2,718,435**
[13] C
[51] **Int.Cl. B29C 41/08 (2006.01) B05D 1/02 (2006.01)**
[25] EN
[54] **METHODS TO PRODUCE STRETCHABLE PRODUCTS**
[54] **PROCEDES DE PRODUCTION DE PRODUITS ETIRABLES**
[72] GILOH, EHUD, GB
[73] TAMICARE LTD., GB
[85] 2010-09-13
[86] 2009-03-24 (PCT/IB2009/005465)
[87] (WO2009/118654)
[30] US (12/056,040) 2008-03-26

[11] **2,719,229**
[13] C
[51] **Int.Cl. B29B 11/04 (2006.01) B29C 70/50 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING SHEETS OF COMPOSITE MATERIAL**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FABRIQUER DES FEUILLES DE MATERIAU COMPOSITE**
[72] PILPEL, EDWARD, US
[72] PILPEL, BENJAMIN, US
[73] POLYSTRAND, INC., US
[85] 2010-09-22
[86] 2009-03-25 (PCT/US2009/038173)
[87] (WO2009/120736)
[30] US (61/039,556) 2008-03-26

[11] **2,719,609**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01)**
[25] EN
[54] **APPARATUS, AND AN ASSOCIATED METHOD, FOR FACILITATING SECURE OPERATIONS OF A WIRELESS DEVICE**
[54] **APPAREIL, ET METHODE CONNEXE DESTINEE A FACILITER L'EXPLOITATION SECURISEE D'UN DISPOSITIF SANS FIL**
[72] ADAMS, NEIL PATRICK, CA
[72] MAJOR, DANIEL JONAS, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2719609)
[87] (2719609)
[22] 2010-11-01
[30] US (61/296,828) 2010-01-20
[30] US (12/828,621) 2010-07-01

---

[11] **2,720,358**
[13] C
[51] **Int.Cl. B66C 1/12 (2006.01) B66C 1/40 (2006.01) B66C 13/16 (2006.01) B66C 15/06 (2006.01) F16G 3/14 (2006.01)**
[25] EN
[54] **MULTI-STAGED AUDIBLE/VISIBLE INDICATOR FOR PROGRESSIVE OVERLOAD CONDITION**
[54] **INDICATEUR VISUEL ET/OU SONORE MULTI-NIVEAUX POUR SIGNALER UNE SURCHARGE PROGRESSIVE**
[72] GROENEVELD, PAUL HENRY, CA
[72] PETERSON, TIMOTHY ERIC, CA
[72] CHYZOWSKI, MICHAEL STANLEY, CA
[73] SAMUEL, SON & CO., LIMITED, CA
[86] (2720358)
[87] (2720358)
[22] 2010-11-05
[30] US (12/726,740) 2010-03-18

---

[11] **2,720,393**
[13] C
[51] **Int.Cl. D21C 3/00 (2006.01) C08B 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01)**
[25] EN
[54] **SIMPLIFIED METHOD FOR DIGESTION OF CELLULOSIC BIOMASS**
[54] **PROCEDE SIMPLIFIE POUR LA DIGESTION DE BIOMASSE CELLULOSIQUE**
[72] HATA, SEIJI, JP
[73] BIOMASS CONVERSIONS, LLC, US
[85] 2010-10-01
[86] 2009-03-31 (PCT/US2009/038993)
[87] (WO2009/124072)
[30] US (61/041,379) 2008-04-01

---

[11] **2,722,581**
[13] C
[51] **Int.Cl. A47G 21/10 (2006.01) A47G 21/02 (2006.01)**
[25] EN
[54] **COMBINATION CHOPSTICK UTENSIL**
[54] **USTENSILE DE TYPE BAGUETTE COMBINEE**
[72] BROWN, JORDAN MICHAEL, US
[72] BECKHAM, D. SCOTT, US
[73] BROWN INNOVATION GROUP, INC., US
[85] 2010-10-25
[86] 2009-05-01 (PCT/US2009/042605)
[87] (WO2009/137367)
[30] US (12/116,037) 2008-05-06

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[11] **2,723,302**
[13] C
[51] **Int.Cl. C07C 235/54 (2006.01) A61K 31/16 (2006.01) A61K 31/33 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) C07C 317/22 (2006.01) C07C 317/46 (2006.01) C07C 323/62 (2006.01) C07D 209/12 (2006.01) C07D 211/22 (2006.01) C07D 213/30 (2006.01) C07D 213/64 (2006.01) C07D 213/65 (2006.01) C07D 213/81 (2006.01) C07D 261/04 (2006.01) C07D 277/56 (2006.01) C07D 307/12 (2006.01) C07D 319/20 (2006.01) C07D 333/32 (2006.01) C07D 333/80 (2006.01)**
[25] EN
[54] **ACYLAMINO-SUBSTITUTED FUSED CYCLOPENTANECARBOXYLIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS**
[54] **DERIVES FUSIONNES D'ACIDE CYCLOPENTANE-CARBOXYLIQUE A SUBSTITUTION ACYLAMINO, ET LEUR UTILISATION COMME PRODUITS PHARMACEUTIQUES**
[72] SCHAEFER, MATTHIAS, DE
[72] PERNERSTORFER, JOSEF, DE
[72] KADEREIT, DIETER, DE
[72] STROBEL, HARTMUT, DE
[72] CZECHTIZKY, WERNGARD, DE
[72] CHEN, L. CHARLIE, US
[72] SAFAROVA, ALENA, US
[72] WEICHSEL, ALEKSANDRA, US
[72] PATEK, MARCEL, US
[73] SANOFI, FR
[85] 2010-11-03
[86] 2009-04-22 (PCT/EP2009/002917)
[87] (WO2009/135590)
[30] EP (08290427.7) 2008-05-05
[30] US (61/117,336) 2008-11-24

[11] **2,725,380**
[13] C
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING AND REDUCING RUMINANT METHANE PRODUCTION**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE ET DE REDUCTION DE LA PRODUCTION DE METHANE PAR LES RUMINANTS**
[72] ZIMMERMAN, PATRICK R., US
[73] ZIMMERMAN, PATRICK R., US
[85] 2010-11-22
[86] 2009-05-22 (PCT/US2009/044990)
[87] (WO2009/151927)
[30] US (61/055,933) 2008-05-23
[30] US (61/209,179) 2009-03-04
[30] US (12/469,882) 2009-05-21

[11] **2,726,185**
[13] C
[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTOR PLUG**
[54] **FICHE DE CONNECTEUR OPTIQUE**
[72] KOREEDA, YUICHI, JP
[72] KATAGIYAMA, NAOKI, JP
[72] HIROKI, YASUTAKA, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, JP
[86] (2726185)
[87] (2726185)
[22] 2010-12-22
[30] JP (2010-042202) 2010-02-26

[11] **2,727,193**
[13] C
[51] **Int.Cl. F24F 13/28 (2006.01) B01D 46/42 (2006.01) F24F 13/24 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR INTEGRATING SOUND ATTENUATION INTO A FILTER BANK**
[54] **PROCEDES T SYSTEMES CONCUS POUR INTEGRER UN DISPOSITIF DE REDUCTION DE BRUIT DANS UN BANC DE FILTRAGE**
[72] CURSETJEE, ZAREER, US
[72] BAUGH, DAVID L., US
[72] BENSON, DAVID E., US
[73] HUNTAIR, INC., US
[86] (2727193)
[87] (2727193)
[22] 2011-01-07
[30] US (12/719,607) 2010-03-08

[11] **2,727,800**
[13] C
[51] **Int.Cl. E04F 13/22 (2006.01) E04B 1/41 (2006.01) F16B 5/00 (2006.01)**
[25] EN
[54] **ANCHOR SYSTEM FOR COMPOSITE PANEL**
[54] **SYSTEME D'ANCRAGE POUR PANNEAU COMPOSITE**
[72] HOHMANN, RONALD J., US
[72] KLOS, MARK J., US
[73] MITEK HOLDINGS, INC., US
[86] (2727800)
[87] (2727800)
[22] 2011-01-12
[30] US (12/688,636) 2010-01-15

[11] **2,729,091**
[13] C
[51] **Int.Cl. H01M 8/02 (2006.01) C22C 38/00 (2006.01) C22C 38/54 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **STAINLESS STEEL MATERIAL FOR A SEPARATOR OF A SOLID POLYMER FUEL CELL AND A SOLID POLYMER FUEL CELL USING THE SEPARATOR**
[54] **MATERIAU EN ACIER INOXYDABLE POUR SEPARATEUR DE PILE A COMBUSTIBLE A POLYMERE SOLIDE ET PILE A COMBUSTIBLE A POLYMERE SOLIDE L'UTILISANT**
[72] KAMINAKA, HIDEYA, JP
[72] IMAMURA, JUNKO, JP
[72] HIGASHIDA, YASUTO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2010-12-22
[86] 2009-06-26 (PCT/JP2009/061765)
[87] (WO2009/157557)
[30] JP (2008-167944) 2008-06-26
[30] JP (2008-260872) 2008-10-07
[30] JP (2008-292368) 2008-11-14
[30] JP (2009-152047) 2009-06-26

[11] **2,729,097**
[13] C
[51] **Int.Cl. F23D 14/32 (2006.01) F23Q 13/00 (2006.01)**
[25] EN
[54] **RELIABLE IGNITION OF HOT OXYGEN GENERATOR**
[54] **ALLUMAGE FIABLE D'UN GENERATEUR D'OXYGENE CHAUD**
[72] MAHONEY, WILLIAM JOHN, US
[72] BIELEC, BRYAN R., US
[72] VARDIAN, GARY THOMAS, US
[72] DENEYS, ADRIAN CHRISTIAN, US
[72] RILEY, MICHAEL FRANCIS, US
[72] SLYE, WILLIAM ERIC, US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2010-12-22
[86] 2009-06-29 (PCT/US2009/049008)
[87] (WO2010/002762)
[30] US (61/076,716) 2008-06-30

[11] **2,730,947**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) G05B 19/4099 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING ARTHROPLASTY JIGS HAVING IMPROVED MATING ACCURACY**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE GABARITS D'ARTHROPLASTIE A CORRESPONDANCE PLUS PRECISE**
[72] PARK, ILWHAN, US
[73] OTISMED CORPORATION, US
[85] 2011-01-14
[86] 2009-07-20 (PCT/US2009/051109)
[87] (WO2010/011590)
[30] US (61/083,053) 2008-07-23
[30] US (12/505,056) 2009-07-17

---

[11] **2,731,624**
[13] C
[51] **Int.Cl. G09F 9/00 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **INTEGRATED DISPLAY FOR AN ELECTRONIC BLACKBOARD**
[54] **AFFICHAGE INTEGRE POUR TABLEAU NOIR ELECTRONIQUE**
[72] DE LA FUENTE, ALFONSO FABIAN, CA
[73] DE LA FUENTE, ALFONSO FABIAN, CA
[86] (2731624)
[87] (2731624)
[22] 2011-02-15

---

[11] **2,732,532**
[13] C
[51] **Int.Cl. H04N 7/32 (2006.01) H04N 11/04 (2006.01)**
[25] EN
[54] **IMAGE DECODER THAT DECODES A COLOR IMAGE SIGNAL AND RELATED METHOD**
[54] **DECODEUR D'IMAGES POUVANT DECODER UN SIGNAL D'IMAGE COULEUR ET METHODE CONNEXE**
[72] MORIYA, YOSHIMI, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] SUGIMOTO, KAZUO, JP
[72] YAMADA, YOSHIHISA, JP
[72] ASAI, KOUTAROU, JP
[72] MURAKAMI, TOKUMICHI, JP
[72] IDEHARA, YUUICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2732532)
[87] (2732532)
[22] 2006-06-16
[62] 2,610,276
[30] JP (2005-212601) 2005-07-22
[30] JP (2005-294767) 2005-10-07
[30] JP (2005-294768) 2005-10-07
[30] JP (2005-377638) 2005-12-28
[30] JP (2006-085210) 2006-03-27

---

[11] **2,733,673**
[13] C
[51] **Int.Cl. B26F 3/06 (2006.01)**
[25] EN
[54] **BUNDLED LOAD CORNER EDGE PROTECTOR CUTTING SYSTEM**
[54] **SYSTEME DE DECOUPE DE PROTECTEUR DE BORD DE COIN DE CHARGE GROUPE**
[72] MORRISON, ARLAND L., US
[72] BALLING, RICHARD K., US
[72] NEWMAN, RICHARD G., US
[72] POTEMPA, MICHAEL W., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2011-02-09
[86] 2009-07-10 (PCT/US2009/050229)
[87] (WO2010/021790)
[30] US (61/089,604) 2008-08-18
[30] US (12/478,238) 2009-06-04

---

[11] **2,734,197**
[13] C
[51] **Int.Cl. G03G 9/113 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **COATED CARRIERS**
[54] **SUPPORTS GAINES**
[72] VEREGIN, RICHARD P. N., CA
[72] VANBESIEN, DARYL W., CA
[72] HAWKINS, MICHAEL S., CA
[72] TRACY, COREY, CA
[73] XEROX CORPORATION, US
[86] (2734197)
[87] (2734197)
[22] 2011-03-16
[30] US (12/729,590) 2010-03-23

---

[11] **2,735,107**
[13] C
[51] **Int.Cl. A23D 9/007 (2006.01) A23L 1/30 (2006.01) A61K 31/202 (2006.01) A61P 3/02 (2006.01) C11C 1/00 (2006.01)**
[25] EN
[54] **CO-PRECIPITATED SALTS OF FATTY ACIDS**
[54] **SELS D'ACIDES GRAS CO-PRECIPITES**
[72] GLEASON, JOHN, US
[72] JOST, DOUGLAS, US
[72] MERRELL, PHILIP H., US
[72] CASKEY, DOUG, US
[73] JOST CHEMICAL CO., US
[86] (2735107)
[87] (2735107)
[22] 2011-03-24
[30] US (12/731,981) 2010-03-25

---

[11] **2,736,227**
[13] C
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **REMOVABLE HAND GUARD FOR DRILLING RIG HAND TONGS**
[54] **PROTEGE-MAIN AMOVIBLE POUR CLE A MAIN D'APPAREIL DE FORAGE**
[72] HOLTBY, QUINN A. J., CA
[73] HOLTBY, QUINN A. J., CA
[86] (2736227)
[87] (2736227)
[22] 2011-04-04
[30] US (61/321,001) 2010-04-05

[11] **2,736,281**
[13] C
[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/506 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) C07D 241/42 (2006.01) C07D 241/44 (2006.01)**
[25] EN
[54] **TRI-SUBSTITUTED PYRIMIDINE COMPOUNDS AND THEIR USE AS PDE10 INHIBITORS**
[54] **PYRIMIDINES TRI-SUBSTITUEES ET LEUR UTILISATION COMME INHIBITEURS DE PDE10**
[72] KAWANISHI, EIJI, JP
[72] MATSUMURA, TAKEHIKO, JP
[73] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2011-03-04
[86] 2009-09-03 (PCT/JP2009/065778)
[87] (WO2010/027097)
[30] US (61/094,166) 2008-09-04

[11] **2,738,214**
[13] C
[51] **Int.Cl. A61K 31/195 (2006.01) A23G 4/12 (2006.01) A23L 1/302 (2006.01) A61K 31/375 (2006.01) A61K 31/4188 (2006.01) A61K 31/4415 (2006.01) A61K 31/455 (2006.01) A61K 31/51 (2006.01) A61K 31/519 (2006.01) A61K 31/525 (2006.01) A61K 31/714 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **CHEWING GUM CONTAINING LOW DOSE AMOUNTS OF WATER SOLUBLE VITAMINS**
[54] **GOMME A MACHER CONTENANT DE FAIBLES DOSES DE VITAMINES SOLUBLES DANS L'EAU**
[72] DODDS, MICHAEL W., US
[72] BIESCZAT, DARCI C., US
[72] GREENBERG, MICHAEL J., US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2011-03-23
[86] 2009-10-05 (PCT/US2009/059487)
[87] (WO2010/042419)
[30] US (61/102,895) 2008-10-06

[11] **2,738,640**
[13] C
[51] **Int.Cl. F21S 8/02 (2006.01) F21V 15/01 (2006.01) F21V 19/00 (2006.01) F21V 21/02 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE LIGHTING**
[54] **ECLAIRAGE INTERCHANGEABLE**
[72] BOYER, JOHN D., US
[72] CRANSTON, BRIAN D., US
[72] VANDEN EYNDEN, JAMES G., US
[73] LSI INDUSTRIES, INC., US
[85] 2011-03-25
[86] 2009-09-25 (PCT/US2009/058352)
[87] (WO2010/039601)
[30] US (12/244,945) 2008-10-03

[11] **2,738,803**
[13] C
[51] **Int.Cl. H04W 48/16 (2009.01)**
[25] EN
[54] **AD-HOC NETWORK ACQUISITION METHOD USING DIGITALLY GENERATED CHAOTIC SEQUENCE SPREAD WAVEFORM**
[54] **PROCEDE D'ACQUISITION DE RESEAU AD HOC A L'AIDE D'UNE FORME D'ONDE D'ETALEMENT DE SEQUENCE CHAOTIQUE GENEREE NUMERIQUEMENT**
[72] MICHAELS, ALAN J., US
[73] HARRIS CORPORATION, US
[85] 2011-03-28
[86] 2009-10-08 (PCT/US2009/059948)
[87] (WO2010/042687)
[30] US (12/248,131) 2008-10-09

[11] **2,739,711**
[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPES WITH SPECIFIC SEALING SURFACE**
[54] **JOINT FILETE POUR TUYAUX EN ACIER AYANT UNE SURFACE ETANCHE CARACTERISEE**
[72] OKADA, TAKASHI, JP
[72] NAKAMURA, KEIICHI, JP
[72] SUGINO, MASAAKI, JP
[72] YAMAGUCHI, SUGURU, JP
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2011-04-05
[86] 2009-10-20 (PCT/JP2009/068303)
[87] (WO2010/047406)
[30] JP (2008-270379) 2008-10-20

[11] **2,740,467**
[13] C
[51] **Int.Cl. H04N 7/32 (2006.01)**
[25] EN
[54] **SCALABLE VIDEO ENCODING METHOD AND SCALABLE VIDEO ENCODING APPARATUS**
[54] **PROCEDE DE CODAGE VIDEO EXTENSIBLE ET APPAREIL DE CODAGE VIDEO EXTENSIBLE**
[72] HAYASE, KAZUYA, JP
[72] BANDOH, YUKIHIRO, JP
[72] TAKAMURA, SEISHI, JP
[72] KAMIKURA, KAZUTO, JP
[72] YASHIMA, YOSHIYUKI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2011-04-12
[86] 2009-10-21 (PCT/JP2009/005512)
[87] (WO2010/047099)
[30] JP (2008-271513) 2008-10-22

[11] **2,740,756**
[13] C
[51] **Int.Cl. E04G 17/00 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POSITIONING A CONDUIT GUIDE IN A MOLDABLE MATERIAL PRIOR TO POURING THE MATERIAL INTO A FORM**
[54] **METHODE ET APPAREIL POUR POSITIONNER UN GUIDE-CONDUIT DANS UN MATERIAU MOULABLE AVANT DE VERSER LEDIT MATERIAU DANS UNE FORME**
[72] GRASSER, ROBERT C., US
[73] HIGH CONCRETE GROUP, LLC, US
[86] (2740756)
[87] (2740756)
[22] 2011-05-20
[30] US (61/347,886) 2010-05-25
[30] US (13/108,141) 2011-05-16

[11] **2,740,942**
[13] C
[51] **Int.Cl. H01R 12/51 (2011.01) H01R 12/53 (2011.01) H01R 13/518 (2006.01) H01R 13/646 (2011.01) H05K 7/12 (2006.01)**
[25] EN
[54] **PLUG-IN CONNECTOR FOR PRINTED CIRCUIT BOARDS**
[54] **CONNECTEUR ENFICHABLE POUR CARTES DE CIRCUITS**
[72] ZEBHAUSER, MARTIN, DE
[72] BLACKBORN, WILLEM, DE
[72] KOEBELE, ULRICH, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2011-04-13
[86] 2009-10-26 (PCT/EP2009/007651)
[87] (WO2010/060511)
[30] DE (20 2008 014 542.2) 2008-11-03

[11] **2,743,589**
[13] C
[51] **Int.Cl. G08G 5/00 (2006.01) G05D 1/00 (2006.01) G06F 17/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR TIME OF ARRIVAL CONTROL USING TIME OF ARRIVAL UNCERTAINTY**
[54] **PROCEDES ET SYSTEME PERMETTANT DE REGLER L'HEURE D'ARRIVEE A L'AIDE DE L'INCERTITUDE D'HEURE D'ARRIVEE**
[72] KLOOSTER, JOEL KENNETH, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-05-12
[86] 2009-10-08 (PCT/US2009/059921)
[87] (WO2010/065189)
[30] US (12/277,868) 2008-11-25

[11] **2,746,513**
[13] C
[51] **Int.Cl. B65B 21/04 (2006.01) B65B 35/40 (2006.01) B65B 35/44 (2006.01) B65B 35/50 (2006.01) B65B 43/42 (2006.01)**
[25] EN
[54] **PACKAGING MACHINE WITH PHASED SPLIT-PITCH BARREL LOADER**
[54] **ENSACHEUSE AYANT UN CHARGEUR CADENCE A TAMBOUR A PAS FRACTIONNE**
[72] CAIN, DAVID HARRISON, US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2011-06-10
[86] 2009-12-21 (PCT/US2009/068954)
[87] (WO2010/078106)
[30] US (61/203,841) 2008-12-29

[11] **2,747,236**
[13] C
[51] **Int.Cl. G01B 21/32 (2006.01) B63H 9/04 (2006.01) B81B 3/00 (2006.01) B81B 7/02 (2006.01) G01B 5/008 (2006.01) G01V 1/20 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **SHAPE-ACCELERATION MEASUREMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE MESURE DE LA FORME ET DE L'ACCELERATION**
[72] DANISCH, LEE A., CA
[72] LOWERY-SIMPSON, MURRAY S., CA
[72] ABDOUN, TAREK H., US
[73] 059312 N.B. INC., CA
[86] (2747236)
[87] (2747236)
[22] 2004-06-25
[62] 2,472,421

[11] **2,748,179**
[13] C
[51] **Int.Cl. B22D 11/10 (2006.01) B22D 41/60 (2006.01)**
[25] EN
[54] **CONTINUOUS CASTING METHOD AND NOZZLE HEATING DEVICE**
[54] **PROCEDE DE COULEE CONTINUE ET DISPOSITIF DE CHAUFFAGE DE BUSE**
[72] MATSUI, TAIJIRO, JP
[72] FUKUNAGA, SHINICHI, JP
[72] IMAWAKA, HIROSHI, JP
[72] KATAOKA, KOHICHIROH, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2011-06-22
[86] 2009-12-28 (PCT/JP2009/007362)
[87] (WO2010/073736)
[30] JP (2008-332935) 2008-12-26

[11] **2,749,316**
[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/10 (2006.01) E21B 17/16 (2006.01)**
[25] EN
[54] **ADJUSTABLE ECCENTRIC BUSHING ASSEMBLY FOR A WIRELINE-OPERATED DIRECTIONAL CORE BARREL DRILL**
[54] **ENSEMBLE DE MANCHON EXCENTRIQUE REGLABLE POUR UN CAROTTIER DIRECTIONNEL A CABLE**
[72] BORG, EIRIK, NO
[72] ERIKSEN, LARS, NO
[73] DEVICO AS, NO
[86] (2749316)
[87] (2749316)
[22] 2011-08-22

---

[11] **2,749,318**
[13] C
[51] **Int.Cl. B32B 7/12 (2006.01) B32B 7/04 (2006.01)**
[25] EN
[54] **SELF-ADHESIVE RADIANT HEATING UNDERLAYMENT**
[54] **SOUS-COUCHE DE CHAUFFAGE RAYONNANT AUTOADHESIVE**
[72] HOPKINS, JOHN, US
[72] SCHETTLER, TIMOTHY, US
[73] PROTECTO WRAP COMPANY, US
[85] 2011-07-08
[86] 2010-01-08 (PCT/US2010/020541)
[87] (WO2010/081035)
[30] US (61/143,699) 2009-01-09

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[11] **2,749,697**
[13] C
[51] **Int.Cl. D21F 3/08 (2006.01) D21G 1/02 (2006.01) G01L 1/16 (2006.01) G01L 5/00 (2006.01)**
[25] EN
[54] **INDUSTRIAL ROLL WITH SENSORS HAVING CONFORMABLE CONDUCTIVE SHEETS**
[54] **ROULEAU INDUSTRIEL A CAPTEURS COMPRENANT DES FEUILLES CONDUCTRICES POUVANT ETRE CONFORMEES**
[72] PAK, KISANG, US
[73] STOWE WOODWARD, LLC, US
[85] 2011-07-13
[86] 2010-06-15 (PCT/US2010/038581)
[87] (WO2011/005423)
[30] US (12/489,711) 2009-06-23

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[11] **2,750,680**
[13] C
[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/16 (2006.01) C10L 1/18 (2006.01) C10L 1/22 (2006.01) C12P 7/64 (2006.01)**
[25] FR
[54] **AVIATION FUEL CONTAINING A PROPORTION OF ORGANIC COMPOUNDS FROM BIOMASS**
[54] **CARBURANT AVIATION CONTENANT UNE PROPORTION DE COMPOSES ORGANIQUES EX-BIOMASSE**
[72] DUBOIS, JEAN-LUC, FR
[73] ARKEMA FRANCE, FR
[85] 2011-07-22
[86] 2010-03-08 (PCT/FR2010/050387)
[87] (WO2010/103223)
[30] FR (0951472) 2009-03-09

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[11] **2,751,495**
[13] C
[51] **Int.Cl. A61K 31/44 (2006.01) A61P 35/00 (2006.01) C07D 213/75 (2006.01) C08B 37/16 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING A PYRIDYL CYANOGUANIDINE AND CYCLODEXTRIN AND/OR DERIVATIVES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DES PYRIDYL-CYANOGUANIDINES, LEURS METHODES DE PREPARATION ET UTILISATIONS**
[72] ZHANG, HESHENG, CN
[72] ZHANG, QINGHUA, CN
[72] CHEN, YINGWEI, CN
[72] HUO, AIHONG, CN
[73] TIANJIN HEMAY BIO-TECH CO., LTD., CN
[73] TIANJIN MICHELE SCI-TECH DEVELOPMENT CO., LTD., CN
[85] 2011-08-04
[86] 2010-02-04 (PCT/CN2010/000156)
[87] (WO2010/088842)
[30] CN (200910067820.1) 2009-02-06
[30] CN (201010105331.3) 2010-02-04

---

[11] **2,751,660**
[13] C
[51] **Int.Cl. G01N 15/10 (2006.01) C12M 1/34 (2006.01) C12N 3/00 (2006.01) G01N 15/14 (2006.01) C12N 5/076 (2010.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **A PARTICLE DIFFERENTIATION APPARATUS FOR SPERMATOZOA**
[54] **UN APPAREIL DE DIFFERENTIATION DE PARTICULE POUR LES SPERMATOZOIDES**
[72] EVANS, KENNETH M., US
[72] VAN, MUNSTER ERIK, B., NL
[73] XY, LLC, US
[86] (2751660)
[87] (2751660)
[22] 2001-05-09
[62] 2,408,939
[30] US (60/203,089) 2000-05-09
[30] US (60/267,571) 2001-02-10
[30] US (60/239,752) 2000-10-12

---

[11] **2,754,664**
[13] C
[51] **Int.Cl. H01J 49/42 (2006.01)**
[25] EN
[54] **FRAGMENTATION OF IONS BY RESONANT EXCITATION IN HIGH ORDER MULTIPOLE FIELD, LOW PRESSURE ION TRAP**
[54] **FRAGMENTATION D'IONS PAR EXCITATION RESONANTE DANS UN CHAMP MULTIPOLE DE RANG SUPERIEUR, ET PIEGE D'IONS BASSE PRESSION**
[72] LONDRY, FRANK, CA
[72] COLLINGS, BRUCE A., CA
[72] STOTT, WILLIAM R., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[86] (2754664)
[87] (2754664)
[22] 2003-04-02
[62] 2,481,081
[30] US (60/370205) 2002-04-05
[30] US (10/310003) 2002-12-04

[11] **2,756,895**
[13] C
[51] **Int.Cl. G06F 12/00 (2006.01)**
[25] EN
[54] **CRASH PROTECTED MEMORY DEVICES UTILIZING MULTI-LEVEL CELL TECHNOLOGY**
[54] **DISPOSITIFS MEMOIRE DE PROTECTION DES DONNEES AU MOYEN DE TECHNOLOGIE A CELLULE MULTINIVEAU**
[72] STEFFLER, JOSEPH BERNARD, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2756895)
[87] (2756895)
[22] 2011-11-03
[30] US (12/951,360) 2010-11-22

---

[11] **2,758,328**
[13] C
[51] **Int.Cl. G06Q 40/04 (2012.01) H04W 4/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SYNCHRONIZING TRANSACTION INFORMATION WITH A VALUE EXCHANGE SYSTEM**
[54] **SYSTEME ET METHODE DE SYNCHRONISTION D'INFORMATIONS DE TRANSACTION AVEC UN SYSTEME DE VALEURS D'ECHANGE**
[72] LEVCHIN, MAX, US
[72] NOSEK, LUKE, US
[72] THIEL, PETER, US
[72] BANISTER, SCOTT ALAN, US
[73] PAYPAL, INC., US
[86] (2758328)
[87] (2758328)
[22] 2000-04-28
[62] 2,369,081
[30] US (60/131,785) 1999-04-30
[30] US (60/144,633) 1999-07-19
[30] US (60/172,311) 1999-12-17

---

[11] **2,762,897**
[13] C
[51] **Int.Cl. C22B 34/12 (2006.01) C22B 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING TITANIUM METAL**
[54] **PROCEDE DE PRODUCTION DE TITANE METALLIQUE**
[72] HAN, GANG, JP
[72] UESAKA, SHUJIROH, JP
[72] SHOJI, TATSUYA, JP
[72] FUKUMARU, MARIKO, JP
[72] BOULOS, MAHER I., CA
[72] GUO, JIAYIN, CA
[72] JUREWICZ, JERZY, CA
[73] HITACHI METALS, LTD., JP
[73] TEKNA PLASMA SYSTEMS INC., CA
[85] 2011-11-21
[86] 2010-05-28 (PCT/JP2010/059084)
[87] (WO2010/137688)
[30] JP (2009-130570) 2009-05-29

---

[11] **2,763,754**
[13] C
[51] **Int.Cl. B27L 1/12 (2006.01)**
[25] EN
[54] **DEBARKING CHAIN WITH PASSING LINKS**
[54] **CHAINE D'ECORCAGE POSSEDANT DES MAILLONS PASSANTS**
[72] MCCAULEY, JOHN J., US
[72] JENSEN, ROBERT D., US
[73] PEERLESS CHAIN COMPANY, US
[86] (2763754)
[87] (2763754)
[22] 2006-04-12
[62] 2,604,986
[30] US (60/671,012) 2005-04-13
[30] US (11/279,502) 2006-04-12

---

[11] **2,764,174**
[13] C
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **AIR POLLUTION CONTROL SYSTEM AND AIR POLLUTION CONTROL METHOD**
[54] **SYSTEME ET METHODE D'EPURATION DE L'AIR**
[72] IIJIMA, MASAKI, JP
[72] OISHI, TSUYOSHI, JP
[72] KAMIJO, TAKASHI, JP
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] UKAWA, NAOHIKO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[86] (2764174)
[87] (2764174)
[22] 2012-01-13
[30] JP (2011-138724) 2011-06-22

---

[11] **2,765,711**
[13] C
[51] **Int.Cl. F21V 7/08 (2006.01) F21K 99/00 (2010.01) F21V 3/04 (2006.01)**
[25] EN
[54] **OPTO-THERMAL SOLUTION FOR MULTI-UTILITY SOLID STATE LIGHTING DEVICE USING CONIC SECTION GEOMETRIES**
[54] **SOLUTION OPTOTHERMIQUE POUR DISPOSITIF D'ECLAIRAGE A SEMI-CONDUCTEUR MULTIFONCTION UTILISANT DES GEOMETRIES DE SECTION CONIQUES**
[72] DASSANAYAKE, MAHENDRA, US
[72] DE MEL, SRINI, US
[72] SAMARABANDU, JAGATH, CA
[73] ELUMIGEN, LLC, US
[85] 2011-12-15
[86] 2010-06-22 (PCT/US2010/039509)
[87] (WO2011/005526)
[30] US (61/220,019) 2009-06-24
[30] US (61/265,149) 2009-11-30
[30] US (12/817,807) 2010-06-17

[11] **2,766,159**
[13] C
[51] **Int.Cl. E21B 10/22 (2006.01) E21B 4/02 (2006.01) F16C 19/34 (2006.01) F16C 33/76 (2006.01)**
[25] EN
[54] **SEALING SYSTEM AND BI-DIRECTIONAL THRUST BEARING ARRANGEMENT FOR A DOWNHOLE MOTOR**
[54] **SYSTEME D'ETANCHEITE ET AGENCEMENT DE PALIER DE BUTEE BIDIRECTIONNEL POUR UN MOTEUR DE FOND DE PUITS**
[72] PRILL, JONATHAN RYAN, CA
[72] PHEASEY, FREDERIC, CA
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2011-12-20
[86] 2010-06-25 (PCT/US2010/039954)
[87] (WO2010/151743)
[30] US (61/220,305) 2009-06-25
[30] US (61/223,610) 2009-07-07

[11] **2,767,684**
[13] C
[51] **Int.Cl. G01C 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR SELECTING METEOROLOGICAL DATA FOR UPDATING AN AIRCRAFT TRAJECTORY**
[54] **METHODE DE SELECTION DE DONNEES METEOROLOGIQUES POUR METTRE A JOUR LA TRAJECTOIRE D'UN AVION**
[72] KLOOSTER, JOEL KENNETH, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2767684)
[87] (2767684)
[22] 2012-02-09
[30] US (13/027,759) 2011-02-15

[11] **2,773,724**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) B01D 53/84 (2006.01) C12P 1/00 (2006.01) C12N 9/88 (2006.01)**
[25] EN
[54] **ENZYME ENHANCED CO2 CAPTURE AND DESORPTION PROCESSES**
[54] **PROCEDES DE DESORPTION ET DE CAPTURE DE CO2 AMELIORES AU MOYEN D'ENZYMES**
[72] PENDERS, NATHALIE J.M.C., NL
[72] DERKS, PETER W.J., NL
[72] VERSTEEG, GEERT F., NL
[72] FRADETTE, SYLVIE, CA
[73] CO2 SOLUTIONS INC., CA
[85] 2012-04-10
[86] 2011-10-28 (PCT/CA2011/001210)
[87] (WO2012/055035)
[30] US (61/344.869) 2010-10-29

[11] **2,775,781**
[13] C
[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/055 (2006.01) A61B 6/04 (2006.01) A61B 6/10 (2006.01)**
[25] EN
[54] **SYSTEM FOR MAGNETIC RESONANCE AND X-RAY IMAGING**
[54] **SYSTEME POUR RESONANCE MAGNETIQUE ET IMAGERIE PAR RAYONS X**
[72] SCARTH, GORDON, CA
[72] ROBBINS, STEVEN, CA
[72] GUYOT, BRENDAN, CA
[73] IMRIS INC., CA
[86] (2775781)
[87] (2775781)
[22] 2009-04-08
[62] 2,663,370
[30] US (61/058,657) 2008-06-04

[11] **2,777,095**
[13] C
[51] **Int.Cl. H04M 3/42 (2006.01) H04W 4/12 (2009.01) H04M 1/21 (2006.01)**
[25] EN
[54] **CALL NOTE MANAGEMENT ON COMMUNICATION DEVICE**
[54] **GESTION DE NOTES D'APPELS SUR UN DISPOSITIF DE COMMUNICATION**
[72] KHOSRAVI, BARDIA, CA
[73] RESEARCH IN MOTION LIMITED, CA
[85] 2012-04-10
[86] 2010-10-12 (PCT/CA2010/001579)
[87] (WO2011/044673)
[30] US (61/250,652) 2009-10-12
[30] EP (10154478.1) 2010-02-24

[11] **2,778,345**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **POWER CONTROL DEVICE**
[54] **REGULATEUR DE PUISSANCE**
[72] TRUDEL, GILLES, CA
[72] JASMIN, SIMON, CA
[72] NORMANDIN, IRENE, CA
[73] BIPCO-SOFT R3 INC., BB
[86] (2778345)
[87] (2778345)
[22] 2012-06-01

[11] **2,787,842**
[13] C
[51] **Int.Cl. H04B 7/02 (2006.01)**
[25] EN
[54] **MULTI-ANTENNA TRANSMISSION FOR SPATIAL DIVISION MULTIPLE ACCESS**
[54] **TRANSMISSION MULTI-ANTENNES POUR ACCES MULTIPLE PAR REPARTITION SPATIALE**
[72] WALTON, J. RODNEY, US
[72] KETCHUM, JOHN W., US
[72] SMEE, JOHN EDWARD, US
[72] WALLACE, MARK S., US
[72] HOWARD, STEVEN J., US
[73] QUALCOMM INCORPORATED, US
[86] (2787842)
[87] (2787842)
[22] 2004-11-12
[62] 2,546,749
[30] US (10/719,802) 2003-11-21

[11] **2,789,889**
[13] C
[51] **Int.Cl. H01M 8/20 (2006.01)**
[25] EN
[54] **REDOX FLOW BATTERY AND METHOD OF OPERATING THE SAME**
[54] **BATTERIE A CIRCULATION D'OXYDOREDUCTION ET SON MODE DE FONCTIONNEMENT**
[72] DONG, YONGRONG, JP
[72] SHIGEMATSU, TOSHIO, JP
[72] KUMAMOTO, TAKAHIRO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2012-09-25
[86] 2011-11-10 (PCT/JP2011/075933)
[87] (WO2012/132091)
[30] JP (2011-067422) 2011-03-25

[11] **2,793,439**
[13] C
[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/14 (2009.01) H04W 4/16 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OVER-THE-AIR CALL FORWARDING PROVISIONING**
[54] **METHODE ET SYSTEME D'OFFRE DE SERVICES DE RENVOI D'APPEL**
[72] PERLIN, GEORGE, CA
[72] IOULICH, ALEXANDRE, CA
[72] MOUTOVKIN, SERGUEI, CA
[72] SHACHBANOV, MICHAEL, IL
[72] BENT, ROBERT, CA
[73] POLAR WIRELESS CORPORATION, CA
[86] (2793439)
[87] (2793439)
[22] 2012-10-24
[30] CA (PCT/CA2012/050694) 2012-10-02

[11] **2,794,414**
[13] C
[51] **Int.Cl. D21F 1/12 (2006.01) D21F 7/10 (2006.01) F16G 3/02 (2006.01)**
[25] EN
[54] **ON-MACHINE-SEAMABLE INDUSTRIAL FABRIC COMPRISED OF INTERCONNECTED RINGS**
[54] **TISSU INDUSTRIEL POUVANT ETRE ASSEMBLE SUR UNE MACHINE EQUIPEE D'ANNEAUX INTERCONNECTES**
[72] HANSEN, ROBERT A., DE
[73] ALBANY INTERNATIONAL CORP., US
[86] (2794414)
[87] (2794414)
[22] 2003-10-28
[62] 2,743,328
[30] US (10/,293,818) 2002-11-13

[11] **2,799,487**
[13] C
[51] **Int.Cl. F25D 13/00 (2006.01) B64D 11/00 (2006.01) F25D 17/00 (2006.01)**
[25] EN
[54] **IMPROVED COOLING SYSTEM FOR A COMMERCIAL AIRCRAFT GALLEY**
[54] **SYSTEME DE REFROIDISSEMENT AMELIORE POUR CUISINE D'AERONEF COMMERCIAL**
[72] RIGNEY, RICHARD N., US
[72] OSWALD, IAN D., US
[73] BE INTELLECTUAL PROPERTY, INC., US
[86] (2799487)
[87] (2799487)
[22] 2005-03-29
[62] 2,559,043
[30] US (10/812,851) 2004-03-29

[11] **2,804,129**
[13] C
[51] **Int.Cl. A61K 35/56 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 7/02 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD FOR DRIED EARTHWORM POWDER**
[54] **PROCEDE DE FABRICATION DE POUDRE DE VER DE TERRE SECHE**
[72] ISHII, KAZUYUKI, JP
[73] WELL STONE CO., JP
[85] 2012-12-28
[86] 2011-10-05 (PCT/JP2011/073017)
[87] (WO2012/073593)
[30] JP (2011-087779) 2011-04-11

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4 août 2013 au 10 août 2013

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[21] **2,766,838**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/22 (2006.01) E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **ENHANCING THE START-UP OF RESOURCE RECOVERY PROCESSES**
[54] **AMELIORATION DU DEMARRAGE DE PROCEDES DE RECUPERATION DE RESSOURCE**
[72] SCOTT, GEORGE R., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2012-02-06
[41] 2013-08-06

---

[21] **2,766,844**
[13] A1
[51] **Int.Cl. E21B 43/243 (2006.01)**
[25] EN
[54] **HEATING A HYDROCARBON RESERVOIR**
[54] **CHAUFFAGE D'UN RESERVOIR D'HYDROCARBURES**
[72] SCOTT, GEORGE R., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2012-02-06
[41] 2013-08-06

---

[21] **2,766,849**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) E21B 43/20 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **IMPROVING RECOVERY FROM A HYDROCARBON RESERVOIR**
[54] **AMELIORATION DE LA RECUPERATION D'UN RESERVOIR D'HYDROCARBURES**
[72] SCOTT, GEORGE R., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2012-02-06
[41] 2013-08-06

---

[21] **2,767,060**
[13] A1
[51] **Int.Cl. E21B 33/08 (2006.01)**
[25] EN
[54] **STUFFING BOX**
[54] **PRESSE ETOUPE**
[72] TEBAY, DEREK, CA
[71] BRIGHTLING EQUIPMENT LTD., CA
[22] 2012-02-06
[41] 2013-08-06

---

[21] **2,767,152**
[13] A1
[51] **Int.Cl. E06B 1/60 (2006.01) E04B 1/38 (2006.01) E06B 1/12 (2006.01) F16B 1/00 (2006.01) F16B 9/00 (2006.01)**
[25] EN
[54] **FLOOR ANCHOR TAB**
[54] **PATTE D'ANCRAGE AU PLANCHER**
[72] D'AGOSTINI, LUIGI, CA
[71] D'AGOSTINI, LUIGI, CA
[22] 2012-02-06
[41] 2013-08-06

---

[21] **2,767,355**
[13] A1
[51] **Int.Cl. E01F 9/018 (2006.01) E01F 9/011 (2006.01)**
[25] EN
[54] **BOLLARD ASSEMBLY**
[54] **ENSEMBLE DE BUTOIR**
[72] HILD, BRENT, US
[72] FITCH, THOMAS C., US
[72] MESA, TEODORO A., US
[72] MCCUE, DAVID S., US
[71] MCCUE CORPORATION, US
[22] 2012-02-07
[41] 2013-08-07

---

[21] **2,767,505**
[13] A1
[51] **Int.Cl. F16B 21/06 (2006.01) F16B 2/16 (2006.01) F16B 3/04 (2006.01)**
[25] EN
[54] **LOOPED PIN INSTALLATION APPARATUS**
[54] **APPAREIL D'INSTALLATION DE TIGES EN BOUCLE**
[72] MACARTHUR, BENJAMIN B., US
[72] BREEDON, DENNIS, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2012-02-09
[41] 2013-08-09

---

[21] **2,767,534**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 9/42 (2006.01) C12N 15/00 (2006.01) C12N 15/56 (2006.01) C12P 19/04 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **CSNR-DEFICIENT ACTINOBACTERIA FOR THE PRODUCTION OF AN ENZYME HAVING CHITOSANASE ACTIVITY**
[54] **ACTINOBACTERIES DEFICIENTES EN CSNR POUR LA PRODUCTION D'UNE ENZYME AYANT UNE ACTIVITE CHITOSANASE**
[72] BRZEZINSKI, RYSZARD, CA
[72] DUBEAU, MARIE-PIERRE, CA
[71] SOCPRA SCIENCES ET GENIE S.E.C., CA
[22] 2012-02-09
[41] 2013-08-09

[21] **2,767,610**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01)**
[25] EN
[54] **VEHICLE SERVICE FACILITY**
[54] **INSTALLATION D'ENTRETIEN DE VEHICULE**
[72] DERKSEN, ALVIN J., CA
[72] BLOUIN, SYLVAIN D., CA
[71] SLAZS INVESTMENTS LTD., CA
[71] DERKSEN, ALVIN J., CA
[22] 2012-02-10
[41] 2013-08-10

---

[21] **2,767,615**
[13] A1
[51] **Int.Cl. C07C 2/36 (2006.01)**
[25] EN
[54] **MULTI REACTOR ETHYLENE OLIGOMERIZATION PROCESS WITH RECYCLE**
[54] **PROCEDE D'OLIGOMERISATION DE L'ETHYLENE A REACTEURS MULTIPLES AVEC RECYCLAGE**
[72] CHISHOLM, P. SCOTT, CA
[72] BROWN, STEPHEN J., CA
[72] CLAVELLE, ERIC, CA
[72] SERHAL, KAMAL, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2012-02-08
[41] 2013-08-08

---

[21] **2,767,676**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **ATTRIBUTION USING SEMANTIC ANALYSIS**
[54] **ATTRIBUTION REPOSANT SUR L'ANALYSE SEMANTIQUE**
[72] BOYLE, PETER C., US
[72] JAVAHERY, HOMA, CA
[72] ROZSA, ENIKO I., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2012-02-08
[41] 2013-08-08

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[21] **2,767,687**
[13] A1
[51] **Int.Cl. G06T 11/80 (2006.01) A63H 33/00 (2006.01) G06F 3/03 (2006.01)**
[25] EN
[54] **MOTION CONTROLLED IMAGE CREATION AND/OR EDITING**
[54] **CREATION OU MODIFICATION D'IMAGES COMMANDEES PAR LES MOUVEMENTS**
[72] CHAN, WING-SHUN, HK
[71] VTECH ELECTRONICS LTD., HK
[22] 2012-02-09
[41] 2013-08-09

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[21] **2,767,781**
[13] A1
[51] **Int.Cl. F03B 3/00 (2006.01) F01D 1/00 (2006.01) F03G 7/04 (2006.01)**
[25] EN
[54] **PRESSURIZED FLUID HYDRO TURBINE POWER PLANT**
[54] **CENTRALE ELECTRIQUE A TURBINE HYDRAULIQUE A FLUIDE PRESSURISE**
[72] HARIRI, ALIASGHAR, CA
[71] HARIRI, ALIASGHAR, CA
[22] 2012-02-10
[41] 2013-08-10

---

[21] **2,767,786**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/40 (2006.01)**
[25] EN
[54] **SITUATIONAL AWARENESS INFORMATION NOTIFICATION TECHNOLOGY**
[54] **TECHNOLOGIE DE NOTIFICATION D'INFORMATION DE PERCEPTION SITUATIONNELLE**
[72] WESTDORP, DAVID, CA
[72] KRAUTH, OTTO, CA
[71] WESTDORP, DAVID, CA
[71] KRAUTH, OTTO, CA
[22] 2012-02-10
[41] 2013-08-10

---

[21] **2,767,869**
[13] A1
[51] **Int.Cl. B42D 1/00 (2006.01) B42D 3/04 (2006.01)**
[25] EN
[54] **COMIC STRIP SKETCHBOOK**
[54] **CARNET POUR BANDES DESSINEES**
[72] UNKNOWN, ZZ
[71] PLUTONIC PRESS, INC., CA
[22] 2012-02-07
[41] 2013-08-07

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[21] **2,767,883**
[13] A1
[51] **Int.Cl. A63B 67/14 (2006.01)**
[25] FR
[54] **CURLING BROOM HEAD COMPRISED OF A SYNTHETIC NYLON FABRIC POCKET**
[54] **TETE DE BROSSE DE CURLING COMPOSEE D'UNE POCHETTE EN TISSU SYNTHETIQUE DE NYLON**
[72] CLEMENT, MICHEL M. C., CA
[71] CLEMENT, MICHEL M. C., CA
[22] 2012-02-08
[41] 2013-08-08

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[21] **2,767,890**
[13] A1
[51] **Int.Cl. A41D 1/20 (2006.01)**
[25] FR
[54] **EXTENSION FOR MATERNITY COAT AND BABY CARRIER**
[54] **EXTENSION POUR MANTEAU - MATERNITE ET PORTAGE**
[72] BASTIEN, JOCELYNE E., CA
[71] BASTIEN, JOCELYNE E., CA
[22] 2012-02-09
[41] 2013-08-09

[21] **2,767,897**
[13] A1
[51] **Int.Cl. A47D 15/00 (2006.01) A45C 11/00 (2006.01) A47D 5/00 (2006.01) A61F 13/551 (2006.01)**
[25] EN
[54] **PORTABLE MULTIPLE MESS CHANGE PAD WITH BASE LAYER STORAGE/HEAD REST AND SANITIZER STORAGE**
[54] **COUSSIN DE CHANGE PORTATIF POUR CHANGEMENTS MULTIPLES AVEC ESPACE DE RANGEMENT DANS LA COUCHE DE BASE, APPUIE-TETE ET ESPACE DE RANGEMENT POUR PRODUITS D'HYGIENE**
[72] UNKNOWN, ZZ
[71] GIDDY BABY INC., CA
[22] 2012-02-09
[41] 2013-08-09

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[21] **2,767,936**
[13] A1
[51] **Int.Cl. A01F 25/14 (2006.01) B65D 88/74 (2006.01) E04H 7/22 (2006.01)**
[25] EN
[54] **GRAIN BIN FLOOR SUPPORT MEMBER**
[54] **ELEMENT DE SUPPORT DE PLANCHER DE CELLULE A GRAIN**
[72] FRIESEN, JOHNNY R., CA
[72] GIESBRECHT, PEDRO, CA
[72] FRIESEN, PETER W., CA
[71] ALL SIZE PERFORATING LTD., CA
[22] 2012-02-10
[41] 2013-08-10

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[21] **2,767,968**
[13] A1
[51] **Int.Cl. E06B 11/06 (2006.01)**
[25] EN
[54] **FLOW CONTROL GATE AND LOCK MECHANISM THEREFOR**
[54] **BARRIERE DE REGULATION DE DEBIT ET MECANISME DE VERROUILLAGE DE CELLE-CI**
[72] LAFLEUR, ANDRE, CA
[72] FORTIN, REGIS, CA
[71] LAFLEUR, ANDRE, CA
[71] FORTIN, REGIS, CA
[22] 2012-02-10
[41] 2013-08-10

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[21] **2,768,111**
[13] A1
[51] **Int.Cl. A01N 65/06 (2009.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01)**
[25] FR
[54] **COMPOUND WITH A BASE OF AT LEAST ONE ESSENTIAL OIL AND/OR AT LEAST ONE HYDROLATE, FABRICATION PROCESS AND USES OF THE COMPOUND IN THE TREATMENT OF PLANTS**
[54] **COMPOSITION A BASE D'AU MOINS UNE HUILE ESSENTIELLE ET/OU A BASE D'AU MOINS UN HYDROLAT, PROCEDES DE FABRICATION ET UTILISATIONS DE LA COMPOSITION DANS LE TRAITEMENT DES PLANTES**
[72] BINETTE, YANNICK RUDOLPH, CA
[71] BINETTE, YANNICK RUDOLPH, CA
[22] 2012-02-10
[41] 2013-08-10

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[21] **2,768,117**
[13] A1
[51] **Int.Cl. A01K 85/00 (2006.01)**
[25] EN
[54] **CX4-D (CANADIAN X FOUR DRAGGER)**
[54] **HAMMECON QUADRUPLE CX4-D (CANADIAN X FOUR DRAGGER) POUR PECHE A LA TRAINE**
[72] SAVOIA, PETER S., CA
[71] SAVOIA, PETER S., CA
[22] 2012-02-07
[41] 2013-08-07

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[21] **2,768,353**
[13] A1
[51] **Int.Cl. F21K 99/00 (2010.01) F21S 2/00 (2006.01) F21S 8/10 (2006.01) G06F 17/21 (2006.01)**
[25] EN
[54] **A LIGHT SIGNAL CUBE AND CUBE LAMP**
[54] **CUBE EMETTANT UN SIGNAL LUMINEUX ET LAMPE CUBE**
[72] LIAU, GEORGE UH-SCHU, CA
[71] LIAU, GEORGE UH-SCHU, CA
[22] 2012-02-06
[41] 2013-08-06

---

[21] **2,768,358**
[13] A1
[51] **Int.Cl. A01K 27/00 (2006.01)**
[25] EN
[54] **TUG TAMER**
[54] **LAISSE POUR CHIEN**
[72] BOISVENUE, PIERRE M., CA
[71] BOISVENUE, PIERRE M., CA
[22] 2012-02-07
[41] 2013-08-07

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[21] **2,768,365**
[13] A1
[51] **Int.Cl. F16M 13/00 (2006.01) F16M 13/04 (2006.01) G03B 17/00 (2006.01)**
[25] EN
[54] **ROTATIONAL ACCELERATION RESISTANCE APPARATUS**
[54] **APPAREIL DE RESISTANCE A L'ACCELERATION ROTATIONNELLE**
[72] ANDERSON, JEFFREY B., CA
[71] ANDERSON, JEFFREY B., CA
[22] 2012-02-08
[41] 2013-08-08

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[21] **2,769,909**
[13] A1
[51] **Int.Cl. B23D 19/06 (2006.01) B23D 33/00 (2006.01) B26D 1/24 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **MACHINE FOR SLITTING METAL SHEET**
[54] **MACHINE POUR TRANCHER UNE FEUILLE METALLIQUE**
[72] SCHOENBECK, DEAN S., US
[71] RED BUD INDUSTRIES, INC., US
[22] 2012-03-01
[41] 2013-08-10
[30] US (13/370,414) 2012-02-10

[21] **2,770,816**
[13] A1
[51] **Int.Cl. F24F 7/04 (2006.01) A62C 2/06 (2006.01)**
[25] EN
[54] **VENTILATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE VENTILATION**
[72] KARST, DANIEL L., US
[72] ADRIAN, JOHN R., US
[72] ZAKULA, MIRKO, US
[72] PENLESKY, ROBERT G., US
[71] BROAN-NUTONE LLC, US
[22] 2012-03-12
[41] 2013-08-06
[30] US (13/367,258) 2012-02-06

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[21] **2,775,988**
[13] A1
[51] **Int.Cl. B02C 23/12 (2006.01) B02C 15/00 (2006.01) B07B 7/00 (2006.01)**
[25] EN
[54] **CLASSIFIER WITH VARIABLE ENTRY PORTS**
[54] **CLASSIFICATEUR A ORIFICES D'ENTREE VARIABLES**
[72] WARK, RICKEY E., US
[71] WARK, RICKEY E., US
[22] 2012-04-30
[41] 2013-08-07
[30] US (13/367,461) 2012-02-07

---

[21] **2,782,435**
[13] A1
[51] **Int.Cl. E06B 11/02 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **GATE FRAME AND TENSIONING APPARATUS THEREFOR**
[54] **CADRE DE PORTAIL ET DISPOSITIF TENDEUR CONNEXE**
[72] UNKNOWN, ZZ
[71] BOROVIAK, RICHARD, CA
[22] 2012-07-06
[41] 2013-08-09

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[21] **2,787,612**
[13] A1
[51] **Int.Cl. F21S 2/00 (2006.01) F21K 99/00 (2010.01) E01C 13/08 (2006.01) F21S 4/00 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ILLUMINATING A SPORTS FIELD**
[54] **SYSTEME ET PROCEDE POUR ECLAIRER UN TERRAIN DE SPORT**
[72] SUHR, LYLE, US
[71] SUHR, LYLE, US
[22] 2012-08-24
[41] 2013-08-10
[30] US (13/371,034) 2012-02-10

---

[21] **2,789,586**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING SYSTEM, GAMING DEVICE, AND METHOD PROVIDING ONE OR MORE ALTERNATIVE WAGER PROPOSITIONS IF A CREDIT BALANCE IS LESS THAN A DESIGNATED WAGER AMOUNT**
[54] **SYSTEME DE JEU, MACHINE DE JEU ET PROCEDE OFFRANT UNE OU PLUSIEURS PROPOSITIONS DE PARI DE RECHANGE SI UN SOLDE CREDITEUR EST INFERIEUR A UN MONTANT DE PARI DESIGNE**
[72] SINGER, ADAM M., US
[72] NICELY, MARK C., US
[71] IGT, US
[22] 2012-09-11
[41] 2013-08-08
[30] US (13/369,089) 2012-02-08

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[21] **2,789,855**
[13] A1
[51] **Int.Cl. A01M 29/32 (2011.01)**
[25] EN
[54] **BIRD SPIKE WITH PLASTIC BASE AND METAL PRONGS**
[54] **PICS ANTI-OISEAUX DOTES D'UNE BASE DE PLASTIQUE ET DE PINCES EN METAL**
[72] DONOHO, BRUCE, US
[71] BIRD-B-GONE, INC., US
[22] 2012-09-14
[41] 2013-08-06
[30] US (61/595,440) 2012-02-06
[30] US (13/460,593) 2012-04-30

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[21] **2,790,383**
[13] A1
[51] **Int.Cl. A63B 25/08 (2006.01) A63B 5/00 (2006.01)**
[25] EN
[54] **BOUNCING APPARATUS**
[54] **APPAREIL DE SAUTILLEMENT**
[72] SHANK, ROGER, US
[71] DYNACRAFT BSC, INC., US
[22] 2012-09-24
[41] 2013-08-10
[30] US (61/597,553) 2012-02-10
[30] US (13/587,678) 2012-08-16

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[21] **2,790,920**
[13] A1
[51] **Int.Cl. F42B 39/00 (2006.01) F41A 9/61 (2006.01) F41A 9/87 (2006.01) F42B 39/26 (2006.01)**
[25] EN
[54] **MULTIPLE MAGAZINE SELF DISPENSING CONTAINER**
[54] **RECIPIENT AUTO-DISTRIBUTEUR DE CHARGEURS MULTIPLES**
[72] UNKNOWN, ZZ
[71] SHIELL, AARON C., CA
[22] 2012-08-16
[41] 2013-08-09
[30] CA (2,768,211) 2012-02-09

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[21] **2,792,209**
[13] A1
[51] **Int.Cl. G07C 3/14 (2006.01) B23K 26/00 (2006.01) G01J 5/00 (2006.01)**
[25] EN
[54] **A METHOD FOR MONITORING THE QUALITY OF INDUSTRIAL PROCESSES AND SYSTEM THEREFROM**
[54] **UNE METHODE DE SURVEILLANCE DE LA QUALITE DES PROCEDES INDUSTRIELS ET UN SYSTEME CONNEXE**
[72] D'ANGELO, GIUSEPPE, IT
[72] PASQUETTAZ, GIORGIO, IT
[71] C.R.F. SOCIETA CONSORTILE PER AZIONI, IT
[22] 2012-10-12
[41] 2013-08-06
[30] EP (12154007.4) 2012-02-06

[21] **2,792,293**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/12 (2009.01) H04W 4/16 (2009.01)**
[25] EN
[54] **SYSTEM HAVING LOCATION BASED PROXIMITY FEATURES AND METHODS THEREOF**
[54] **SYSTEME COMPORTANT DES CARACTERISTIQUES DE PROXIMITE FONDEES SUR L'EMPLACEMENT ET PROCEDES CONNEXES**
[72] HILLIER, PETER MATTHEW, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2012-10-15
[41] 2013-08-10
[30] US (13/371302) 2012-02-10

[21] **2,795,637**
[13] A1
[51] **Int.Cl. B64C 3/44 (2006.01) B64C 3/50 (2006.01) B64C 9/04 (2006.01) B64C 13/24 (2006.01)**
[25] EN
[54] **HIGH-POSITIONED 3-POSITION VARIABLE CAMBER KRUEGER**
[54] **VOLET KRUEGER SURELEVE A CAMBRURE VARIABLE A TROIS POSITIONS**
[72] SAKURAI, SEIYA, US
[72] FOX, STEPHEN J., US
[72] REYES, VICTOR, US
[72] CHARLES, KARA MARIE, US
[71] THE BOEING COMPANY, US
[22] 2012-11-14
[41] 2013-08-10
[30] US (13/370,314) 2012-02-10

[21] **2,795,655**
[13] A1
[51] **Int.Cl. C02F 1/46 (2006.01) C02F 1/48 (2006.01) C02F 3/12 (2006.01)**
[25] EN
[54] **PROCESSES AND APPARATUSES FOR REMOVAL OF CARBON, PHOSPHORUS AND NITROGEN**
[54] **PROCEDES ET APPAREILS POUR L'ELIMINATION DU DIOXYDE DE CARBONE, DU PHOSPHORE ET DE L'AZOTE**
[72] IBEID, SHARIF, CA
[72] ELEKTOROWICZ, MARIA, CA
[72] OLESZKIEWICZ, JAN A., CA
[71] VALORBEC SOCIETE EN COMMANDITE, CA
[22] 2012-11-09
[41] 2013-08-08
[30] US (61/596,471) 2012-02-08

[21] **2,797,073**
[13] A1
[51] **Int.Cl. G01F 15/06 (2006.01) B64D 29/00 (2006.01) B64D 33/00 (2006.01) B64D 47/00 (2006.01)**
[25] FR
[54] **DRAINAGE CIRCUIT FOR A FLUID COMING FROM AN ENGINE GROUP EQUIPPING A ROTORCRAFT INCLUDING A DEVICE FOR MONITORING EXCESSIVE FLUID FLOW**
[54] **CIRCUIT DE DRAINAGE D'UN LIQUIDE EN PROVENANCE D'UN GROUPE DE MOTORISATION EQUIPANT UN GIRAVION, INTEGRANT UN APPAREIL DE SURVEILLANCE D'UN ECOULEMENT EXCESSIF DU LIQUIDE**
[72] MOUGIN, STEPHANE, FR
[72] CATTEAU, JEAN-SEBASTIEN, FR
[71] EUROCOPTER, FR
[22] 2012-11-26
[41] 2013-08-08
[30] FR (12 00375) 2012-02-08

[21] **2,797,493**
[13] A1
[51] **Int.Cl. E06B 1/60 (2006.01)**
[25] EN
[54] **DOOR FRAME ANCHOR**
[54] **ANCRAGE DE CADRE DE PORTE**
[72] D'AGOSTINI, LUIGI, CA
[71] D'AGOSTINI, LUIGI, CA
[22] 2012-11-30
[41] 2013-08-06
[30] CA (2,767,152) 2012-02-06
[30] US (61/611,752) 2012-03-16
[30] US (61/636,952) 2012-04-23

[21] **2,797,723**
[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) B64D 31/00 (2006.01) B64D 47/00 (2006.01) F01D 25/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR IMPLEMENTING A FITNESS MONITOR FOR A TURBINE ENGINE IN AN AIRCRAFT EQUIPPED WITH AT LEAST ONE TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF POUR REALISER UN CONTROLE DE L'ETAT DE SANTE D'UN TURBOMOTEUR D'UN AERONEF POURVU D'AU MOINS UN TURBOMOTEUR**
[72] CAMHI, EMMANUEL, FR
[71] EUROCOPTER, FR
[22] 2012-11-29
[41] 2013-08-06
[30] FR (12 00342) 2012-02-06

[21] **2,798,288**
[13] A1
[51] **Int.Cl. B60K 1/04 (2006.01) B60L 11/18 (2006.01) B60S 5/06 (2006.01)**
[25] EN
[54] **POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE**
[54] **DISPOSITIF D'ALIMENTATION EN ENERGIE POUR VEHICULE ELECTRIQUE**
[72] KAWATANI, SHINJI, JP
[72] NAKAYAMA, MASARU, JP
[72] SHOKAKU, ISAO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2012-12-07
[41] 2013-08-09
[30] JP (2012-026128) 2012-02-09

[21] **2,798,717**
[13] A1
[51] **Int.Cl. G01F 9/00 (2006.01) B64D 37/00 (2006.01) B64D 43/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **METHOD OF PROVIDING A VOLUME-MASS LAW FOR FUEL CONSUMPTION**
[54] **METHODE DE FOURNITURE D'UNE LOI SUR LA MASSE VOLUMIQUE POUR LA CONSOMMATION DE CARBURANT**
[72] EVRARD, JEAN-PHILIPPE, FR
[72] PASSEMARD, CYRIL, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-09
[30] EP (12290047.5) 2012-02-09

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[21] **2,799,116**
[13] A1
[51] **Int.Cl. A41D 13/12 (2006.01)**
[25] EN
[54] **MEDICAL GOWN**
[54] **SURVETEMENT POUR LE PERSONNEL MEDICAL**
[72] LEVINE, IAN, CA
[71] LEVINE, IAN, CA
[22] 2012-12-18
[41] 2013-08-06
[30] US (13/366,751) 2012-02-06

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[21] **2,799,138**
[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64D 13/08 (2006.01) B64D 41/00 (2006.01) F02C 9/00 (2006.01)**
[25] FR
[54] **AUTOMATIC CONTROL SYSTEM FOR AN AIRCRAFT ENGINE GROUP, DEVICE AND AIRCRAFT**
[54] **PROCEDE AUTOMATIQUE DE REGULATION D'UN GROUPE DE MOTORISATION D'AERONEF, DISPOSITIF ET AERONEF**
[72] CORPRON, ALBAN, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-07
[30] FR (12 00353) 2012-02-07

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[21] **2,799,140**
[13] A1
[51] **Int.Cl. G09B 9/46 (2006.01) B64D 31/00 (2006.01) B64D 47/00 (2006.01) G09B 9/18 (2006.01) G09B 9/44 (2006.01)**
[25] FR
[54] **ENGINE FAILURE SIMULATION PROCESS FOR AN AIRCRAFT**
[54] **PROCEDE DE SIMULATION DE PANNE SUR UN AERONEF**
[72] BEAUD, SOUTHDARY, FR
[72] CAMHI, EMMANUEL, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-06
[30] FR (12 00346) 2012-02-06

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[21] **2,799,175**
[13] A1
[51] **Int.Cl. B25G 1/00 (2006.01) B25G 3/00 (2006.01) F16B 21/00 (2006.01)**
[25] EN
[54] **COUPLING FOR HANDLE AND TOOL HEAD**
[54] **RACCORDEMENT POUR POIGNEE ET TETE D'OUTIL**
[72] MULLEN, JOSHUA O., US
[72] HYP, ERIC D., US
[72] BOIES, DAVID, CA
[71] AMES TRUE TEMPER, INC., US
[22] 2012-12-19
[41] 2013-08-06
[30] US (13/366,661) 2012-02-06

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[21] **2,799,673**
[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) F02C 9/00 (2006.01) F02C 9/18 (2006.01) F02D 29/02 (2006.01)**
[25] FR
[54] **DEVICE AND CONTROL METHOD FOR A TURBINE ENGINE, AND AIRCRAFT**
[54] **DISPOSITIF ET PROCEDE DE REGULATION D`UN TURBOMOTEUR, ET AERONEF**
[72] BEAUD, SOUTHDARY, FR
[72] MARTIN, LAURENT, FR
[71] EUROCOPTER, FR
[22] 2012-12-13
[41] 2013-08-06
[30] FR (12 00345) 2012-02-06

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[21] **2,799,712**
[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) F02C 7/32 (2006.01) F02C 9/00 (2006.01) F02D 29/02 (2006.01)**
[25] FR
[54] **DEVICE AND CONTROL METHOD FOR A DRIVE INSTALLATION INCLUDING AT LEAST ONE TURBINE ENGINE, AND AIRCRAFT**
[54] **DISPOSITIF ET PROCEDE DE REGULATION D'UNE INSTALLATION MOTRICE COMPORTANT AU MOINS UN TURBOMOTEUR, ET AERONEF**
[72] MARTIN, LAURENT, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-06
[30] FR (12 00343) 2012-02-06

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[21] **2,799,933**
[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) B64D 47/00 (2006.01) F02C 7/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR IMPLEMENTING A FITNESS MONITOR FOR A TURBINE ENGINE IN AN AIRCRAFT EQUIPPED WITH AT LEAST ONE TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF POUR REALISER UN CONTROLE DE SANTE D'UN TURBOMOTEUR D'UN AERONEF POURVU D'AU MOINS UN TURBOMOTEUR**
[72] CAMHI, EMMANUEL, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-06
[30] FR (12 00341) 2012-02-06

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[21] **2,799,939**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) B64F 5/00 (2006.01)**
[25] FR
[54] **MONITORING PROCESS FOR AN ENGINE AND DEVICE**
[54] **PROCEDE DE SURVEILLANCE D'UN MOTEUR ET DISPOSITIF**
[72] VIEIRA, HILARIO, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-08
[30] FR (12 00377) 2012-02-08

[21] **2,799,941**
[13] A1
[51] **Int.Cl. B64D 31/06 (2006.01) B64C 19/00 (2006.01) B64D 31/00 (2006.01) F02C 9/00 (2006.01)**
[25] FR
[54] **AUTOMATIC CONTROL SYSTEM FOR AN AIRCRAFT ENGINE GROUP, DEVICE AND AIRCRAFT**
[54] **PROCEDE AUTOMATIQUE DE REGULATION D'UN GROUPE DE MOTORISATION D'AERONEF, DISPOSITIF ET AERONEF**
[72] CORPRON, ALBAN, FR
[71] EUROCOPTER, FR
[22] 2012-12-12
[41] 2013-08-07
[30] FR (12 00354) 2012-02-07

[21] **2,801,531**
[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING SOURCE SIGNATURES AFTER SOURCE GHOST REMOVAL**
[54] **PROCEDE ET SYSTEME POUR DETERMINER LES SIGNATURES DES SOURCES APRES LE RETRAIT DES ONDES PARASITES DES SOURCES**
[72] PARKES, GREGORY ERNEST, GB
[72] HEGNA, STIAN, NO
[71] PGS GEOPHYSICAL AS, NO
[22] 2013-01-10
[41] 2013-08-07
[30] US (13/367,787) 2012-02-07

[21] **2,801,672**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MOBILE COMMUNICATIONS DEVICE PROVIDING NEAR FIELD COMMUNICATION (NFC) LOW POWER OPERATING FEATURES AND RELATED METHODS**
[54] **APPAREIL DE COMMUNICATION MOBILE OFFRANT DES CARACTERISTIQUES DE FONCTIONNEMENT A BASSE PUISSANCE DE COMMUNICATION EN CHAMP PROCHE ET PROCEDES CONNEXES**
[72] MOOSAVI, VAHID, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-08
[41] 2013-08-08
[30] EP (12154557.8) 2012-02-08

[21] **2,801,738**
[13] A1
[51] **Int.Cl. H04B 5/00 (2006.01) H04W 12/02 (2009.01) H04W 88/02 (2009.01) G06F 12/00 (2006.01)**
[25] EN
[54] **NEAR FIELD COMMUNICATION (NFC) ACCESSORY PROVIDING ENHANCED DATA TRANSFER FEATURES AND RELATED METHODS**
[54] **ACCESSOIRE DE COMMUNICATION EN CHAMP PROCHE OFFRANT DES CARACTERISTIQUES DE TRANSFERT DE DONNEES AMELIOREES ET PROCEDES CONNEXES**
[72] HAN, DIAN PING, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-11
[41] 2013-08-08
[30] EP (12154568.5) 2012-02-08

[21] **2,802,298**
[13] A1
[51] **Int.Cl. B41F 13/02 (2006.01) B41F 5/04 (2006.01) B41J 15/08 (2006.01)**
[25] EN
[54] **PRINTER WITH SPLIT PLATEN FOR PRINTING WEB MATERIAL AND METHOD**
[54] **IMPRIMANTE A CYLINDRE EN DEUX PARTIES POUR L'IMPRESSION DE CONTENU WEB ET PROCEDE**
[72] ROCHON, GREGORY P., US
[72] GLATFELTER, THOMAS, US
[71] GREYDON, INC., US
[22] 2013-01-21
[41] 2013-08-07
[30] US (13/367,763) 2012-02-07

[21] **2,802,355**
[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01)**
[25] EN
[54] **DOOR SILL ASSEMBLIES WITH REPLACEABLE SILL DECKS**
[54] **ENSEMBLE DE SEUIL DE PORTE AVEC SEUIL REMPLACABLE**
[72] VAN CAMP, BRENT, US
[72] KROCHMAL, ANDREW, US
[71] ENDURA PRODUCTS, INC., US
[22] 2013-01-18
[41] 2013-08-07
[30] US (13/367,875) 2012-02-07

[21] **2,802,392**
[13] A1
[51] **Int.Cl. B61B 12/02 (2006.01) B60K 7/00 (2006.01) B60L 13/00 (2006.01) B61B 3/00 (2006.01) B61D 43/00 (2006.01) F16H 55/36 (2006.01) H02K 1/27 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **ROLLER, IN PARTICULAR TRACK ROLLER OR CARRYING ROLLER FOR CABLEWAY SYSTEMS**
[54] **ROULEMENT, NOTAMMENT ROULEMENT SUR RAIL OU ROULEMENT PORTEUR POUR SYSTEMES DE CABLES**
[72] LUGER, PETER, AT
[71] INNOVA PATENT GMBH, AT
[22] 2013-01-16
[41] 2013-08-06
[30] AT (A 155/2012) 2012-02-06

[21] **2,802,474**
[13] A1
[51] **Int.Cl. C23C 16/30 (2006.01) A61L 31/08 (2006.01) A61B 19/00 (2006.01) A61C 19/00 (2006.01)**
[25] EN
[54] **COATING FOR A MEDICAL INSTRUMENT, IN PARTICULAR A DENTAL OR SURGICAL INSTRUMENT**
[54] **REVETEMENT POUR UN INSTRUMENT MEDICAL, NOTAMMENT UN INSTRUMENT DENTAIRE OU CHIRURGICAL**
[72] WAGNER, BEATE, AT
[71] W & H DENTALWERK BURMOOS GMBH, AT
[22] 2013-01-16
[41] 2013-08-10
[30] EP (12154820.0) 2012-02-10

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[21] **2,802,553**
[13] A1
[51] **Int.Cl. H02M 1/00 (2007.10) H02M 1/08 (2006.01)**
[25] EN
[54] **SWITCH MODE POWER SUPPLY MODULE AND ASSOCIATED HICCUP CONTROL METHOD**
[54] **MODULE D'ALIMENTATION ELECTRIQUE A MODE DE COMMUTATION ET METHODE DE COMMANDE « HOQUET » CONNEXE**
[72] MARCHAND, PHILIPPE, FR
[72] MORIZOT, GERARD, FR
[72] GUILLOT, PHILIPPE, FR
[71] THOMSON LICENSING, FR
[22] 2013-01-22
[41] 2013-08-10
[30] FR (1251274) 2012-02-10

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[21] **2,802,603**
[13] A1
[51] **Int.Cl. G06F 3/042 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **METHOD AND DEVICE FOR RECEIVING REFLECTANCE-BASED INPUT**
[54] **PROCEDE ET DISPOSITIF POUR RECEVOIR UNE ENTREE FONDEE SUR LA REFLECTANCE**
[72] THEIMER, WOLFGANG M., DE
[72] TENDYCK, CHRISTIAN, DE
[72] ZGORZELSKI, MARKUS, DE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-11
[41] 2013-08-10
[30] EP (12154850.7) 2012-02-10

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[21] **2,803,305**
[13] A1
[51] **Int.Cl. F02C 9/00 (2006.01) F02C 9/58 (2006.01) F02K 3/072 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR NON-MODEL BASED CONTROL FOR COUNTER-ROTATING OPEN-ROTOR GAS TURBINE ENGINE**
[54] **METHODES ET APPAREILS POUR LE CONTROLE FONDE SUR UN MODELE POUR UN MOTEUR DE TURBINE A GAZ A ROTOR OUVERT CONTRAROTATIF**
[72] LU, MANXUE, US
[72] CARPENTER, SHELDON, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-01-24
[41] 2013-08-06
[30] US (61/595,431) 2012-02-06
[30] US (13/649,478) 2012-10-11

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[21] **2,803,309**
[13] A1
[51] **Int.Cl. F02C 9/00 (2006.01) F02C 9/58 (2006.01) F02K 3/072 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR MODEL BASED CONTROL FOR COUNTER-ROTATING OPEN-ROTOR GAS TURBINE ENGINE**
[54] **METHODES ET APPAREILS POUR LE CONTROLE FONDE SUR UN MODELE POUR UN MOTEUR DE TURBINE A GAZ A ROTOR OUVERT CONTRAROTATIF**
[72] LU, MANXUE, US
[72] CARPENTER, SHELDON, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-01-24
[41] 2013-08-06
[30] US (61/595,419) 2012-02-06
[30] US (13/649,421) 2012-10-11

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[21] **2,803,325**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 3/10 (2006.01) A61B 5/0476 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **NEUROLOGICALLY BASED NON-INVASIVE BLOOD GLUCOSE CONCENTRATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONCENTRATION DE GLUCOSE SANGUIN NON INVASIFS FONDES SUR L'ACTIVITE NEUROLOGIQUE**
[72] ROTH, HANS, US
[72] MATHAN, SANTOSH, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-01-23
[41] 2013-08-06
[30] US (13/366,698) 2012-02-06

[21] **2,803,342**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **VANE ASSEMBLIES FOR GAS TURBINE ENGINES**
[54] **ENSEMBLES D'AUBES POUR TURBINES A GAZ**
[72] IVAKITCH, RICHARD, CA
[72] ELEFTHERIOU, ANDREAS, CA
[72] DENIS, DAVID, CA
[72] MENHEERE, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-01-23
[41] 2013-08-10
[30] US (13/358,889) 2012-02-10

[21] **2,803,367**
[13] A1
[51] **Int.Cl. G01M 1/38 (2006.01) F01D 5/10 (2006.01) F01D 7/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE ROTOR BALANCING**
[54] **EQUILIBRAGE DE ROTOR DE TURBINE A GAZ**
[72] STONE, PAUL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-01-24
[41] 2013-08-09
[30] US (13/369,684) 2012-02-09

[21] **2,803,369**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **ELECTRONIC MESSAGE METERING AND TRAFFIC MANAGEMENT IN A NETWORKED ENVIRONMENT**
[54] **COMPTAGE DES MESSAGES ELECTRONIQUES ET GESTION DU TRAFIC DANS UN ENVIRONNEMENT RESEAUTE**
[72] PASQUERO, JEROME, CA
[72] THOMPSON, JULIA M., CA
[72] DE JONG, JANICE L., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-01-23
[41] 2013-08-10
[30] EP (12154974.5) 2012-02-10

[21] **2,803,390**
[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01)**
[25] EN
[54] **INLINE INFUSION DEVICE AND METHOD FOR INTRODUCTION OF A GAS INTO A FLOWING MEDIA**
[54] **DISPOSITIF D'INFUSION EN LIGNE ET PROCEDE D'INTRODUCTION D'UN GAZ DANS DES SUBSTANCES EN ECOULEMENT**
[72] COOKE, ROBERT CECIL, US
[71] FORTRANS INC., US
[22] 2013-01-24
[41] 2013-08-10
[30] US (13/370,358) 2012-02-10

[21] **2,803,396**
[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 1/32 (2006.01) E06B 5/10 (2006.01) E06B 7/28 (2006.01)**
[25] EN
[54] **LOW PROFILE JETTISONABLE DOOR SYSTEM**
[54] **SYSTEME DE PORTE LARGABLE SURBAISSEE**
[72] SUMNER, WILLIAM P., US
[72] BOOKOUT, PHILIP J., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-01-24
[41] 2013-08-07
[30] US (61/596,089) 2012-02-07
[30] US (13/746,015) 2013-01-21

[21] **2,803,439**
[13] A1
[51] **Int.Cl. E04B 1/74 (2006.01) E04B 1/94 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **INSULATING GASKET CONSTRUCTION FOR HEAD-OF-WALL JOINTS**
[54] **CONSTRUCTION ISOLANTE A JOINTS D'ETANCHEITE POUR JOINTS DE TETE DE MUR**
[72] STAHL, JAMES P., JR., US
[71] SPECIFIED TECHNOLOGIES INC., US
[22] 2013-01-24
[41] 2013-08-10
[30] US (61/633,416) 2012-02-10
[30] US (61/686,038) 2012-03-29
[30] US (13/694,766) 2013-01-02

[21] **2,803,524**
[13] A1
[51] **Int.Cl. B64C 27/56 (2006.01) G05G 1/58 (2009.01) B64C 13/04 (2006.01) B64D 31/04 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **PILOT CONTROL SYSTEM WITH HAND REST**
[54] **SYSTEME DE COMMANDE PILOTE AVEC APPUIE-MAIN**
[72] YATES, TRAVIS L., US
[72] LINTON, BRADLEY D., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-01-25
[41] 2013-08-10
[30] US (61/633,405) 2012-02-10
[30] US (13/736,163) 2013-01-08

[21] **2,803,530**
[13] A1
[51] **Int.Cl. E21B 1/24 (2006.01) E21B 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE OPERATION OF CLUSTER DRILL OF DTH HAMMERS**
[54] **PROCEDE ET APPAREIL POUR COMMANDER LE FONCTIONNEMENT D'UN FAISCEAU D'OUTILS DE FORAGE D'OUTILS DE PERCUSSION DANS LE PUITS**
[72] CHAN, LEUNG CHOI, HK
[72] CHAN, KIN CHOI, HK
[71] TOP MARK MECHANICAL EQUIPMENT LIMITED, HK
[22] 2013-01-30
[41] 2013-08-10
[30] HK (12101330.3) 2012-02-10

[21] **2,803,548**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 12/06 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **LOCAL DOWNLOADING OF TEMPORARY APPLICATIONS FOR MOBILE DEVICES**
[54] **TELECHARGEMENT LOCAL D'APPLICATIONS TEMPORAIRES POUR APPAREILS MOBILES**
[72] CURTIS, CRAIG, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[22] 2013-01-24
[41] 2013-08-09
[30] US (13/369,842) 2012-02-09

[21] **2,803,579**
[13] A1
[51] **Int.Cl. D06F 37/00 (2006.01)**
[25] EN
[54] **WASHER MACHINE**
[54] **LAVEUSE**
[72] ZARDINI, FABIO, IT
[71] STEELCO SPA, IT
[22] 2013-01-30
[41] 2013-08-06
[30] IT (UD2012A000018) 2012-02-06

[21] **2,803,615**
[13] A1
[51] **Int.Cl. G10L 21/0364 (2013.01) G10L 21/0272 (2013.01) G10L 21/0356 (2013.01) H04R 3/00 (2006.01)**
[25] EN
[54] **TWO MODE AGC FOR SINGLE AND MULTIPLE SPEAKERS**
[54] **COMMANDE AUTOMATIQUE DE GAIN BIMODE POUR HAUT-PARLEURS SIMPLES OU MULTIPLES**
[72] ENBOM, NIKLAS, SE
[72] SKOGLUND, JAN, US
[72] MACDONALD, ANDREW JOHN, US
[72] VOLCKER, BJORN, SE
[71] GOOGLE INC., US
[22] 2013-01-25
[41] 2013-08-07
[30] US (13/368,173) 2012-02-07

[21] **2,803,705**
[13] A1
[51] **Int.Cl. B64C 27/64 (2006.01) B64C 11/38 (2006.01) B64C 27/605 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ACTUATING A SWASHPLATE FOR MAIN ROTOR CONTROL**
[54] **SYSTEME ET PROCEDE D'ACTIONNEMENT D'UN PLATEAU INCLINE POUR UNE COMMANDE DE ROTOR PRINCIPAL**
[72] DICKMAN, COREY J., US
[72] FENNY, CARLOS A., US
[72] SCHULTZ, DAVID P., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-01-25
[41] 2013-08-09
[30] US (13/370,130) 2012-02-09

[21] **2,803,718**
[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **BRAKING MECHANISM FOR A DOWNHOLE TOOL**
[54] **MECANISME DE FREINAGE POUR UN OUTIL DE FOND DE PUITS**
[72] CROWLEY, DANIEL BRENDAN, GB
[72] SEDGEMAN, ROBERT DONALD JOHN, GB
[71] SMART STABILIZER SYSTEMS LIMITED, GB
[22] 2013-01-28
[41] 2013-08-07
[30] GB (1202083.0) 2012-02-07

[21] **2,803,852**
[13] A1
[51] **Int.Cl. B64C 25/50 (2006.01) B62D 6/00 (2006.01)**
[25] FR
[54] **DIRECTION CONTROL MANAGEMENT PROCESS FOR AN ADJUSTABLE PART OF AIRCRAFT LANDING GEAR**
[54] **PROCEDE DE GESTION D'UNE COMMANDE D'ORIENTATION D'UNE PARTIE ORIENTABLE D'UN ATTERRISSEUR D'AERONEF**
[72] BENMOUSSA, MICHAEL, FR
[72] POIRET, DAVID, FR
[72] FRAVAL, JEROME, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[22] 2013-01-25
[41] 2013-08-06
[30] FR (1251094) 2012-02-06

[21] **2,804,196**
[13] A1
[51] **Int.Cl. B64C 27/56 (2006.01) B64C 13/04 (2006.01) B64D 31/04 (2006.01) G05G 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED AIRCRAFT FLIGHT CONTROL UNITS**
[54] **ENSEMBLES DE COMMANDE DE VOL D'AERONEF INTEGRES**
[72] YATES, TRAVIS L., US
[72] LINTON, BRADLEY D., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-01-30
[41] 2013-08-10
[30] US (61/633,405) 2012-02-10
[30] US (13/736,156) 2013-01-08

[21] **2,804,324**
[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 3/26 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **ATTACHMENT DEVICES FOR ROTORCRAFT FRONT WINDSHIELD**
[54] **DISPOSITIFS DE FIXATION POUR PARE-BRISE AVANT DE GIRAVION**
[72] AMANTE, WILLIAM A., US
[72] MAY, CARL A., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-01
[41] 2013-08-10
[30] US (61/633,410) 2012-02-10
[30] US (13/744,484) 2013-01-28

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[21] **2,804,330**
[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01)**
[25] EN
[54] **ROTORCRAFT FRONT WINDSHIELD**
[54] **PARE-BRISE AVANT DE GIRAVION**
[72] AMANTE, WILLIAM A., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-01
[41] 2013-08-10
[30] US (61/633,410) 2012-02-10
[30] US (13/744,472) 2013-01-18

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[21] **2,804,332**
[13] A1
[51] **Int.Cl. B64C 27/56 (2006.01) B64C 13/04 (2006.01) B64D 31/04 (2006.01) G05G 1/00 (2006.01)**
[25] EN
[54] **PILOT CONTROL SYSTEM WITH PENDENT GRIP**
[54] **SYSTEME DE COMMANDE PILOTE AVEC POIGNEE PENDANTE**
[72] YATES, TRAVIS L., US
[72] LINTON, BRADLEY D., US
[72] HAUGEBERG, CHAD R., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-01
[41] 2013-08-10
[30] US (61/633,405) 2012-02-10
[30] US (13/736,135) 2013-01-08

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[21] **2,804,411**
[13] A1
[51] **Int.Cl. B64C 27/56 (2006.01) B64C 13/04 (2006.01) B64D 31/04 (2006.01) G05G 1/00 (2006.01)**
[25] EN
[54] **PILOT CONTROL SYSTEM WITH COMPACT GIMBAL MECHANISM**
[54] **SYSTEME DE COMMANDE PILOTE AVEC MECANISME DE CARDAN A FAIBLE ENCOMBREMENT**
[72] YATES, TRAVIS L., US
[72] LINTON, BRADLEY D., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-02-01
[41] 2013-08-10
[30] US (61/633,405) 2012-02-10
[30] US (13/736,147) 2013-01-08

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[21] **2,804,430**
[13] A1
[51] **Int.Cl. A01K 85/14 (2006.01)**
[25] EN
[54] **LURE**
[54] **LEURRE**
[72] KAARIAINEN, VESA, FI
[71] KAARIAINEN, VESA, FI
[22] 2013-02-04
[41] 2013-08-08
[30] FI (U20124028) 2012-02-08

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[21] **2,804,434**
[13] A1
[51] **Int.Cl. E04G 13/00 (2006.01) E02D 27/00 (2006.01) E04B 2/86 (2006.01)**
[25] EN
[54] **FOOT FREE CONCRETE FOUNDATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR FONDATION EN BETON SANS SEMELLE**
[72] WALKER, JAMES, US
[71] WALKER, JAMES, US
[22] 2013-01-25
[41] 2013-08-09
[30] US (13/369,661) 2012-02-09

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[21] **2,804,529**
[13] A1
[51] **Int.Cl. C01B 31/20 (2006.01) B01D 53/02 (2006.01) B01D 53/62 (2006.01) C01B 31/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CAPTURING CARBON DIOXIDE**
[54] **SYSTEMES ET PROCEDES POUR CAPTURER DU DIOXYDE DE CARBONE**
[72] AYALA, RAUL EDUARDO, US
[72] PERRY, ROBERT JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-01-31
[41] 2013-08-06
[30] US (13/366,569) 2012-02-06

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[21] **2,804,532**
[13] A1
[51] **Int.Cl. G10K 11/168 (2006.01) B32B 7/02 (2006.01)**
[25] EN
[54] **ACOUSTIC PANEL AND METHOD OF FORMING**
[54] **PANNEAU ACOUSTIQUE ET PROCEDE DE FORMATION**
[72] KRAY, NICHOLAS JOSEPH, US
[72] MCDONALD, SETH ALEXANDER, US
[72] ROBY, BENJAMIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-01-31
[41] 2013-08-10
[30] US (13/371,029) 2012-02-10

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[21] **2,804,534**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64D 43/00 (2006.01) B64F 5/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR MAINTAINING AND OPERATING AN AIRCRAFT**
[54] **SYSTEMES ET PROCEDES POUR L'ENTRETIEN ET L'EXPLOITATION D'UN AERONEF**
[72] OVENS, NORMAN LEONARD, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2013-01-31
[41] 2013-08-07
[30] US (13/367,873) 2012-02-07

[21] **2,804,541**
[13] A1
[51] **Int.Cl. A47H 1/022 (2006.01) A47H 1/10 (2006.01)**
[25] EN
[54] **CURTAIN ROD END CAP AND COVER**
[54] **EMBOUT ET COUVERCLE DE TRINGLE A RIDEAUX**
[72] LINDO, BENJAMIN G., US
[72] DIDEHVAR, KAVEH, US
[71] ZENITH PRODUCTS CORPORATION, US
[22] 2013-02-04
[41] 2013-08-06
[30] US (61/595,355) 2012-02-06

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[21] **2,804,675**
[13] A1
[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
[71] EUROCOPTER, FR
[22] 2013-01-31
[41] 2013-08-07
[30] FR (12 00355) 2012-02-07

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[21] **2,804,693**
[13] A1
[51] **Int.Cl. B60R 19/02 (2006.01)**
[25] EN
[54] **LAMINATE BUMPER FOR MATERIAL HANDLING VEHICLES**
[54] **PARE-CHOCS STRATIFIE POUR VEHICULES DE MANUTENTION DE MATERIEL**
[72] LUTZ, KURT RICHARD, US
[72] WARNER, BRIAN MATTHEW, US
[71] THE RAYMOND CORPORATION, US
[22] 2013-02-05
[41] 2013-08-06
[30] US (61/595,490) 2012-02-06

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[21] **2,804,698**
[13] A1
[51] **Int.Cl. A47J 27/08 (2006.01) A47J 27/09 (2006.01) F16K 17/06 (2006.01) F16K 17/168 (2006.01)**
[25] EN
[54] **PRESSURE RELEASE VALVE ASSEMBLY FOR PRESSURE COOKER**
[54] **SOUPAPE DE SURETE CONTRE LES SURPRESSIONS POUR UN AUTOCUISEUR**
[72] HASEGAWA, TOM HIROSHI, US
[71] HASEGAWA, TOM HIROSHI, US
[22] 2013-02-05
[41] 2013-08-08
[30] US (13/369,135) 2012-02-08

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[21] **2,804,699**
[13] A1
[51] **Int.Cl. E21B 33/02 (2006.01)**
[25] EN
[54] **WELL CAP ASSEMBLY**
[54] **ENSEMBLE DE TETE DE PUITS**
[72] NIELSEN, CHRISTOPHER, CA
[71] NIELSEN, CHRISTOPHER, CA
[22] 2013-02-05
[41] 2013-08-06
[30] US (61/663,143) 2012-02-06

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[21] **2,804,701**
[13] A1
[51] **Int.Cl. G01L 3/10 (2006.01) F16H 57/01 (2012.01) F16H 59/16 (2006.01) G01R 33/04 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **MAGNETIC TORQUE SENSOR FOR TRANSMISSION CONVERTER DRIVE PLATE**
[54] **DETECTEUR DE COUPLE MAGNETIQUE POUR PLAQUE D'ENTRAINEMENT DE CONVERTISSEUR DE TRANSMISSION**
[72] LEE, SEONG-JAE, US
[71] METHODE ELECTRONICS, INC., US
[22] 2013-02-05
[41] 2013-08-07
[30] US (13/368,079) 2012-02-07

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[21] **2,804,703**
[13] A1
[51] **Int.Cl. A47J 27/08 (2006.01) A47J 27/09 (2006.01) F16K 17/06 (2006.01) F16K 17/168 (2006.01)**
[25] EN
[54] **PRESSURE RELEASE VALVE**
[54] **SOUPAPE DE SURETE CONTRE LES SURPRESSIONS**
[72] HASEGAWA, TOM HIROSHI, US
[71] HASEGAWA, TOM HIROSHI, US
[22] 2013-02-05
[41] 2013-08-08
[30] US (13/369,120) 2012-02-08

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[21] **2,804,801**
[13] A1
[51] **Int.Cl. B64C 27/56 (2006.01) G05G 1/36 (2009.01) B64C 13/04 (2006.01) B64C 27/78 (2006.01) B64D 31/04 (2006.01)**
[25] EN
[54] **PILOT CONTROL SYSTEM WITH ADJUSTABLE PEDALS**
[54] **SYSTEME DE COMMANDE PILOTE AVEC PEDALES AJUSTABLES**
[72] YATES, TRAVIS L., US
[72] LINTON, BRADLEY D., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2013-01-30
[41] 2013-08-10
[30] US (61/633,405) 2012-02-10
[30] US (13/736,169) 2013-01-08

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[21] **2,804,803**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) H04W 4/12 (2009.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **WIRELESS SYSTEMS AND METHODS OF MAKING VISITOR APPOINTMENTS**
[54] **SYSTEMES ET PROCEDES SANS FIL DE PRISE DE RENDEZ-VOUS POUR VISITEURS**
[72] KANNAN, KAMAL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-01-30
[41] 2013-08-06
[30] US (13/366,927) 2012-02-06

[21] **2,804,821**
[13] A1
[51] **Int.Cl. F16H 25/08 (2006.01) B64C 13/50 (2006.01) F16H 19/02 (2006.01)**
[25] EN
[54] **AN IMPROVED ELECTRO MECHANICAL ACTUATOR**
[54] **ACTIONNEUR ELECTROMECANIQUE AMELIORE**
[72] FLORES GIRALDO, SANTIAGO, ES
[72] FERNANDEZ GARCIA, FRANCISCO JAVIER, ES
[71] EADS CONSTRUCCIONES AERONAUTICAS, S.A., ES
[22] 2013-01-31
[41] 2013-08-10
[30] EP (12382047.4) 2012-02-10

[21] **2,804,843**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01)**
[25] EN
[54] **MULTIPLE TIME WINDOWS FOR EXTENDING THE RANGE OF AN ASSAY**
[54] **FENETRES TEMPORELLES MULTIPLES PERMETTANT D'ETENDRE LA PLAGE DANS UN DOSAGE**
[72] DIMAGNO, THEODORE J., US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[22] 2013-01-30
[41] 2013-08-06
[30] US (61/595,408) 2012-02-06

[21] **2,805,061**
[13] A1
[51] **Int.Cl. B65D 5/52 (2006.01)**
[25] EN
[54] **DISPLAY READY CONTAINER**
[54] **CONTENANT PRET POUR LA PRESENTATION**
[72] TIBBELS, BRIAN J., US
[71] INNOVATIVE PACKAGING DESIGNS L.P., US
[22] 2013-02-04
[41] 2013-08-04
[30] US (61/595,060) 2012-02-04

[21] **2,805,062**
[13] A1
[51] **Int.Cl. F21V 14/06 (2006.01) F21V 5/04 (2006.01) F21V 17/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE FOCUS LIGHT**
[54] **LUMINAIRE AVEC MISE AU POINT REGLABLE**
[72] SOOFERIAN, DANNY H., US
[71] SOOFERIAN, DANNY H., US
[22] 2013-02-08
[41] 2013-08-09
[30] US (61/597,044) 2012-02-09

[21] **2,805,064**
[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF OPTIMAL VIDEO CAMERA PLACEMENT AND CONFIGURATION**
[54] **SYSTEME ET PROCEDE DE PLACEMENT ET DE CONFIGURATION OPTIMAUX DE CAMERAS VIDEO**
[72] VENKATESH, VINAY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-02-04
[41] 2013-08-08
[30] US (13/368,679) 2012-02-08

[21] **2,805,068**
[13] A1
[51] **Int.Cl. G01S 19/42 (2010.01)**
[25] FR
[54] **DETERMINATION PROCESS FOR A CONFIDENCE INDICATOR RELATIVE TO A TRAJECTORY FOLLOWED BY A MOBILE**
[54] **PROCEDE DE DETERMINATION D'UN INDICATEUR DE CONFIANCE RELATIF A LA TRAJECTOIRE EMPRUNTEE PAR UN MOBILE**
[72] MONNERAT, MICHEL, FR
[72] RIES, LIONEL, FR
[71] THALES, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES (CNES), FR
[22] 2013-02-08
[41] 2013-08-10
[30] FR (1200397) 2012-02-10

[21] **2,805,072**
[13] A1
[51] **Int.Cl. A61C 19/04 (2006.01) A61C 5/08 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **VIRTUALLY DESIGNING A POST AND CORE RESTORATION USING A DIGITAL 3D SHAPE**
[54] **CONCEPTION VIRTUELLE D'UNE RESTAURATION DE TENON RADICULAIRE AU MOYEN D'UNE FORME 3D NUMERIQUE**
[72] FISKER, RUNE, DK
[72] NONBOE, SVEN, DK
[71] 3SHAPE A/S, DK
[22] 2013-02-08
[41] 2013-08-10
[30] DK (PA 2012 00107) 2012-02-10
[30] US (61/597,395) 2012-02-10
[30] DK (PA 2012 70640) 2012-10-19

[21] **2,805,113**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **RELATED DATA DEPENDENCIES**
[54] **DEPENDANCES DE DONNEES LIEES**
[72] TEWKSBARY, DAVID EDWARD, US
[72] MILLIKEN, CLARK DAVID, US
[71] DASSAULT SYSTEMES ENOVIA CORPORATION, US
[22] 2013-02-05
[41] 2013-08-07
[30] US (13/367,785) 2012-02-07

[21] **2,805,122**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C12M 1/34 (2006.01)**
[25] EN
[54] **DETERMINATION OF CANCER PREDISPOSITION**
[54] **DETERMINATION DE LA PREDISPOSITION AU CANCER**
[72] PERUCHO, MANUEL, US
[72] SUZUKI, KOICHI, US
[72] ALONSO, SERGIO, US
[71] SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, US
[71] INSTITUT DE MEDICINA PREDICTIVA I PERSONALITZADA DEL CANCER (IMPPC), ES
[22] 2013-02-06
[41] 2013-08-10
[30] US (61/597,429) 2012-02-10

[21] **2,805,138**
[13] A1
[51] **Int.Cl. G09G 5/14 (2006.01) H04W 88/02 (2009.01) G02B 27/01 (2006.01) G02C 7/16 (2006.01) G06F 3/14 (2006.01) H04N 5/45 (2011.01) H04R 3/00 (2006.01)**
[25] EN
[54] **DIVISION OF A GRAPHICAL DISPLAY INTO REGIONS**
[54] **DIVISION D'UN AFFICHAGE GRAPHIQUE EN PLAGES**
[72] SIBECAS, SALVADOR, US
[72] EATON, ERIC THOMAS, US
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-06
[41] 2013-08-06
[30] EP (12154105.6) 2012-02-06

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[21] **2,805,142**
[13] A1
[51] **Int.Cl. A23L 1/307 (2006.01)**
[25] EN
[54] **REDUCED FAT FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE A TENEUR REDUITE EN GRAS**
[72] SIMPSON, JOY, US
[71] DEAN FOODS COMPANY, US
[22] 2013-02-06
[41] 2013-08-08
[30] US (13/369,046) 2012-02-08

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[21] **2,805,147**
[13] A1
[51] **Int.Cl. G09G 5/36 (2006.01) G09G 5/10 (2006.01) G09G 5/393 (2006.01) G06T 13/00 (2011.01)**
[25] EN
[54] **METHOD, APPARATUS AND COMPUTER READABLE MEDIUM CARRYING INSTRUCTIONS FOR MITIGATING VISUAL ARTEFACTS**
[54] **PROCEDE, APPAREIL ET SUPPORT LISIBLE PAR ORDINATEUR PORTANT DES INSTRUCTIONS VISANT A ATTENUER LES ARTEFACTS VISUELS**
[72] WASBERGER, EMIL ALEXANDER, SE
[72] HALLERSTOEM SJOESTEDT, SVANTE MAGNUS ULFSTAND, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-02-06
[41] 2013-08-10
[30] EP (12154950.5) 2012-02-10

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[21] **2,805,149**
[13] A1
[51] **Int.Cl. E04F 11/00 (2006.01) E04G 27/00 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR ASSEMBLING RAMPS, DECKS, AND OTHER RAISED STRUCTURES**
[54] **SYSTEME MODULAIRE POUR L'ASSEMBLAGE DE RAMPES, DE PLATEFORMES ET AUTRES STRUCTURES SURELEVEES**
[72] POHLMAN, JOE KIPTON, US
[72] DEMERS, BRIAN JOSEPH, US
[72] BURNS, ROBERT L., US
[72] BRYAN, SYLVIAN, US
[71] LOWE'S COMPANIES, INC., US
[22] 2013-02-08
[41] 2013-08-08
[30] US (6/596,526) 2012-02-08

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[21] **2,805,161**
[13] A1
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD OF TREATING FLOWBACK FLUID**
[54] **PROCEDE DE TRAITEMENT DE FLUIDE DE REFLUX**
[72] WHITELEY, JAMES D., US
[71] CIMARRON ENERGY, INC., US
[22] 2013-02-08
[41] 2013-08-10
[30] US (61/597,539) 2012-02-10

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[21] **2,805,162**
[13] A1
[51] **Int.Cl. F16B 1/00 (2006.01) F16B 3/00 (2006.01) F16B 21/02 (2006.01) F16M 11/04 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **BRACKET SYSTEM**
[54] **SYSTEME DE SUPPORT**
[72] FEDDES, SCOTT, US
[71] FEDDES, SCOTT, US
[22] 2013-02-06
[41] 2013-08-06
[30] US (61/595,511) 2012-02-06

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[21] **2,805,184**
[13] A1
[51] **Int.Cl. F01C 21/10 (2006.01) F01C 1/22 (2006.01) F01C 21/08 (2006.01) F01P 3/20 (2006.01)**
[25] EN
[54] **ROTARY INTERNAL COMBUSTION ENGINE WITH COOLED INSERT**
[54] **MOTEUR ROTATIF A COMBUSTION INTERNE A INSERT REFROIDI**
[72] GEKHT, EUGENE, CA
[72] VILLENEUVE, BRUNO, CA
[72] FONTAINE, MIKE, CA
[72] GAGNON-MARTIN, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-02-06
[41] 2013-08-06
[30] US (13/366,458) 2012-02-06

[21] **2,805,214**
[13] A1
[51] **Int.Cl. B65D 25/28 (2006.01) B65D 25/32 (2006.01)**
[25] EN
[54] **CONTAINER WITH RECESSED HANDLE CAVITIES**
[54] **RECIPIENTS AVEC CAVITES POUR POIGNEES ENCASTREES**
[72] SHORT, PHILIP R., CA
[72] SONG, XIE F., CN
[71] SHORT, PHILIP R., CA
[71] SONG, XIE F., CN
[22] 2013-02-07
[41] 2013-08-10
[30] US (61/597,673) 2012-02-10

[21] **2,805,215**
[13] A1
[51] **Int.Cl. E05D 15/00 (2006.01) E05D 13/00 (2006.01) E06B 3/50 (2006.01)**
[25] EN
[54] **A LOAD BEARING STRUCTURAL CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE STRUCTUREL PORTEUR**
[72] GOLDENBERG, SHAUL, CA
[71] 420820 ONTARIO LIMITED, CA
[22] 2013-02-07
[41] 2013-08-08
[30] US (61/596,323) 2012-02-08

[21] **2,805,226**
[13] A1
[51] **Int.Cl. G08C 25/00 (2006.01) G06Q 30/06 (2012.01) G01M 7/02 (2006.01) G01R 31/36 (2006.01)**
[25] EN
[54] **APPLIANCE MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'APPAREILS**
[72] HORSTEMEYER, SCOTT ANDREW, US
[72] JONES, MARTIN KELLY, CA
[71] HORSTEMEYER, SCOTT ANDREW, US
[71] JONES, MARTIN KELLY, CA
[22] 2013-02-07
[41] 2013-08-07
[30] US (61/595,931) 2012-02-07

[21] **2,805,254**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFICATION OF SIMILAR EVENTS USING DATA AND CHARACTERISTICS**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'EVENEMENTS SIMILAIRES A L'AIDE DE DONNEES ET DE CARACTERISTIQUES**
[72] LEE, ROBERT S., US
[72] KAVOUSSI, SADEGH, US
[72] PHANEUF, MARK, US
[72] HICKMAN, DAVID, US
[72] ROBINSON, MICHAEL, US
[72] CRAUN, CHAD, US
[72] KLEIN, MATE, US
[72] DEANS, MARK, US
[72] KLEIN, ALEXANDER, US
[71] AVMET APPLICATIONS, INC., US
[22] 2013-02-07
[41] 2013-08-07
[30] US (61/595,785) 2012-02-07

[21] **2,805,264**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **PRODUCT PRICING IN E-COMMERCE**
[54] **ETABLISSEMENT DES PRIX DES PRODUITS DANS LE COMMERCE ELECTRONIQUE**
[72] MOHAPATRA, MIHIR PRASAD, IN
[72] SAHU, DEEPIKA, IN
[72] CHOWDHURY, SAROJ, IN
[72] PANDA, DEB, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2013-02-07
[41] 2013-08-10
[30] IN (386/MUM/2012) 2012-02-10

[21] **2,805,275**
[13] A1
[51] **Int.Cl. E05D 15/30 (2006.01) E05C 17/32 (2006.01)**
[25] EN
[54] **CASEMENT WINDOW HINGE**
[54] **CHARNIERE DE FENETRE A BATTANT**
[72] OLSEN, BRAD LOREN, US
[72] WERON, CORBY, US
[71] AMESBURY GROUP, INC., US
[22] 2013-02-06
[41] 2013-08-07
[30] US (61/595,978) 2012-02-07

[21] **2,805,289**
[13] A1
[51] **Int.Cl. H04W 8/06 (2009.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF ELECTRONIC VISITOR REGISTRATION**
[54] **SYSTEMES ET PROCEDES D'ENREGISTREMENT ELECTRONIQUE DE VISITEURS**
[72] RAMACHANDRAN, GAYATHRI C., US
[72] BALAKRISHNAN, SIVAKUMAR, US
[72] RAMALINGAMOORTHY, MUTHUVEL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-02-06
[41] 2013-08-08
[30] US (13/368,843) 2012-02-08

[21] **2,805,297**
[13] A1
[51] **Int.Cl. E05B 19/00 (2006.01)**
[25] EN
[54] **SAFETY KEY DEVICE**
[54] **DISPOSITIF A CLE DE SURETE**
[72] SOLAN, DARREN, IE
[71] SOLAN, DARREN, IE
[22] 2013-02-07
[41] 2013-08-10
[30] GB (1202372.7) 2012-02-10

[21] **2,805,309**
[13] A1
[51] **Int.Cl. B60P 7/04 (2006.01)**
[25] EN
[54] **ONE-TOUCH CONTROLLER FOR TARP SYSTEMS**
[54] **COMMANDE A TOUCHE UNIQUE POUR SYSTEME DE BACHE**
[72] KARTES, SCOTT, US
[71] ROLL-RITE, LLC, US
[22] 2013-02-07
[41] 2013-08-08
[30] US (13/368,939) 2012-02-08

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[21] **2,805,321**
[13] A1
[51] **Int.Cl. E06B 3/30 (2006.01) E06B 3/70 (2006.01)**
[25] EN
[54] **IMPACT PLATE DOOR PROTECTOR**
[54] **PROTECTEUR DE PORTE A PLAQUE D'IMPACT**
[72] MILLER, PETER, US
[71] MILLER, PETER, US
[22] 2013-02-07
[41] 2013-08-10
[30] US (61/597365) 2012-02-10

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[21] **2,805,363**
[13] A1
[51] **Int.Cl. E06B 9/264 (2006.01) E06B 3/67 (2006.01)**
[25] EN
[54] **BLINDS-BETWEEN-GLASS WINDOW WITH THERMAL BREAK**
[54] **STORES ENTRE DEUX VITRES A RUPTURE DE PONT THERMIQUE**
[72] WILSON, MICHAEL A., CA
[71] WILSON, MICHAEL A., CA
[22] 2013-02-07
[41] 2013-08-07
[30] US (61/595,029) 2012-02-07

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[21] **2,805,372**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/076 (2006.01) E04F 13/14 (2006.01)**
[25] EN
[54] **BOARD AND BATTEN SIDING SYSTEM**
[54] **SYSTEME DE PAREMENT DE PLANCHES AVEC COUVRE-JOINTS**
[72] HANSEN, STEWART K., US
[72] MORGENSTERN, RICHARD C., US
[71] EVERLOG SYSTEMS, INC., US
[22] 2013-02-07
[41] 2013-08-07
[30] US (61/595,960) 2012-02-07

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[21] **2,805,383**
[13] A1
[51] **Int.Cl. A01M 21/00 (2006.01) E04H 13/00 (2006.01)**
[25] EN
[54] **HEADSTONE EDGING BORDER MEMBER**
[54] **ELEMENT DE BORDURE POUR PIERRES TOMBALES**
[72] NEPA, FELIX, US
[71] NEPA, FELIX, US
[22] 2013-02-08
[41] 2013-08-08
[30] US (61633322) 2012-02-08

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[21] **2,805,392**
[13] A1
[51] **Int.Cl. B29B 17/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF REMOVING BEADS FROM TIRES**
[54] **SYSTEME ET PROCEDE DE RETRAIT DES TALONS DES PNEUS**
[72] PROCHELLO, JULIE K., US
[72] PEDERSON, LES, US
[72] METZ, DENNIS, US
[72] BREHMER, JOE, US
[71] EAGLE INTERNATIONAL, LLC, US
[22] 2013-02-08
[41] 2013-08-10
[30] US (61/597,375) 2012-02-10

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[21] **2,805,447**
[13] A1
[51] **Int.Cl. A23P 1/00 (2006.01) A23L 1/10 (2006.01)**
[25] EN
[54] **METHOD OF INFUSING FLAVOR IN CEREAL GRAINS**
[54] **PROCEDE D'INFUSION DE SAVEUR DANS DES GRAINS CREREALIERS**
[72] SHAH, SUJAYKUMAR S., CA
[71] JARDYL HOLDINGS INC., CA
[22] 2013-02-08
[41] 2013-08-10
[30] US (13/370,347) 2012-02-10

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[21] **2,805,459**
[13] A1
[51] **Int.Cl. B64D 1/16 (2006.01)**
[25] EN
[54] **FIRE FIGHTING BUCKET FOR AIRCRAFT**
[54] **RESERVOIR DE LUTTE CONTRE LE FEU POUR AERONEF**
[72] ZHENG, SHILAN, CA
[71] DONMARK HOLDINGS INC., CA
[22] 2013-02-11
[41] 2013-08-09
[30] US (61597148) 2012-02-09

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[21] **2,805,466**
[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 25/00 (2006.01) E05C 19/00 (2006.01) G05G 5/00 (2006.01)**
[25] FR
[54] **CONTROL BOX**
[54] **BOITIER DE COMMANDE**
[72] LECOURTIER, GILBERT, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[22] 2013-02-01
[41] 2013-08-08
[30] FR (1251189) 2012-02-08

[21] **2,805,469**
[13] A1
[51] **Int.Cl. B65D 88/12 (2006.01) B60P 1/64 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MODIFYING A CARGO CONTAINER TO DELIVER SAND TO A FRAC SITE**
[54] **PROCEDE ET APPAREIL POUR MODIFIER UN CONTENEUR DE FRET AUX FINS DE LA LIVRAISON DE SABLE A UN SITE DE FRACTURATION**
[72] SHEESLEY, JOHN M., US
[71] SANDCAN LLC, US
[22] 2013-02-08
[41] 2013-08-10
[30] US (13/370,401) 2012-02-10

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[21] **2,805,487**
[13] A1
[51] **Int.Cl. E04B 1/18 (2006.01) E04B 1/30 (2006.01) E04B 2/00 (2006.01) E04B 5/00 (2006.01) E04B 7/00 (2006.01) E04B 9/00 (2006.01) E04C 3/00 (2006.01)**
[25] EN
[54] **STRUCTURAL ELEMENT WITH INCREASED THERMAL RESISTANCE**
[54] **ELEMENT STRUCTUREL A RESISTANCE THERMIQUE ACCRUE**
[72] NACCARATO, JOHN R., CA
[72] SEVERINI, JOSEPH A., CA
[71] NACCARATO, JOHN R., CA
[71] SEVERINI, JOSEPH A., CA
[22] 2013-02-06
[41] 2013-08-10
[30] US (61/597,563) 2012-02-10

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[21] **2,805,490**
[13] A1
[51] **Int.Cl. F04D 29/08 (2006.01) F04D 29/16 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING LINER FOR CENTRIFUGAL PUMPS**
[54] **CHEMISE A REGLAGE AUTOMATIQUE POUR POMPES CENTRIFUGES**
[72] SIMON, DENIS, CA
[72] WOLFE, DAN, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2013-02-08
[41] 2013-08-10
[30] US (61/597,332) 2012-02-10

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[21] **2,805,492**
[13] A1
[51] **Int.Cl. B08B 15/00 (2006.01) E02D 31/00 (2006.01)**
[25] EN
[54] **CONTAINMENT DEVICES AND METHODS FOR CONTAINING AND DISPOSING OF LIQUIDS**
[54] **DISPOSITIFS DE CONFINEMENT ET PROCEDES POUR CONTENIR ET ELIMINER DES LIQUIDES**
[72] HARR, SHERRY, US
[71] HARR, SHERRY, US
[22] 2013-02-08
[41] 2013-08-10
[30] US (61/597514) 2012-02-10

---

[21] **2,805,498**
[13] A1
[51] **Int.Cl. F03D 7/00 (2006.01) F03D 11/00 (2006.01)**
[25] EN
[54] **IMPROVED NOISE REDUCTION CONTROL FOR WIND TURBINES**
[54] **COMMANDE DE REDUCTION DE BRUIT AMELIOREE POUR EOLIENNES**
[72] NIELSEN, KAJ SKOV, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2013-02-08
[41] 2013-08-10
[30] EP (12154930.7) 2012-02-10

---

[21] **2,805,520**
[13] A1
[51] **Int.Cl. A41D 13/12 (2006.01) A41H 43/00 (2006.01) A41H 43/04 (2006.01)**
[25] EN
[54] **GARMENTS FOR HEALTHCARE WORKERS**
[54] **VETEMENTS POUR TRAVAILLEURS DE LA SANTE**
[72] WALRICH, JENNIFER A., US
[72] CHANG, MYMA, US
[71] MEDLINE INDUSTRIES, INC., US
[22] 2013-02-11
[41] 2013-08-09
[30] US (13/370,179) 2012-02-09

---

[21] **2,805,599**
[13] A1
[51] **Int.Cl. H02N 2/14 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR ULTRASONIC MOTORS**
[54] **SYSTEME DE COMMANDE DE MOTEURS PAR ULTRASONS**
[72] TAVALLAEI, MOHAMMAD ALI, CA
[72] DRANGOVA, MARIA, CA
[71] UNIVERSITY OF WESTERN ONTARIO, CA
[22] 2013-02-11
[41] 2013-08-09
[30] US (61/596,746) 2012-02-09

---

[21] **2,805,619**
[13] A1
[51] **Int.Cl. G01S 19/22 (2010.01) G07B 15/06 (2011.01)**
[25] FR
[54] **DIRECTION ESTIMATION PROCESS FOR THE ARRIVAL OF NAVIGATION SIGNALS ON A RECEPTOR AFTER REFLECTION ON THE WALLS IN A SATELLITE POSITIONING SYSTEM**
[54] **PROCEDE D'ESTIMATION DE LA DIRECTION D'ARRIVEE DE SIGNAUX DE NAVIGATION SUR UN RECEPTEUR APRES REFLEXION PAR DES PAROIS DANS UN SYSTEME DE POSITIONNEMENT PAR SATELLITE**
[72] MONNERAT, MICHEL, FR
[72] RIES, LIONEL, FR
[71] THALES, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES (CNES), FR
[22] 2013-02-08
[41] 2013-08-10
[30] FR (1200396) 2012-02-10

---

[21] **2,805,644**
[13] A1
[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **RHYTHMIC FORMULA WITH AUDITORY CUE FOR IMPROVING THE GOLF SWING**
[54] **FORMULE RYTHMIQUE A INDICATEUR AUDITIF POUR AMELIORER L'ELAN DE GOLF**
[72] DUPUIS, GHISLAIN, CA
[71] DUPUIS, GHISLAIN, CA
[22] 2013-02-04
[41] 2013-08-08
[30] GB (1202210.9) 2012-02-08

[21] **2,805,830**
[13] A1
[51] **Int.Cl. A47J 36/00 (2006.01) A47J 27/00 (2006.01) G01K 1/02 (2006.01) G01K 5/08 (2006.01)**
[25] EN
[54] **SLOW COOKER WITH THERMOMETER FOR INDICATING A TEMPERATURE CONDITION OF THE FOOD IN THE COOKING VESSEL**
[54] **MIJOTEUSE AVEC THERMOMETRE INDIQUANT LA TEMPERATURE DE L'ALIMENT DANS LE RECIPIENT DE CUISSON**
[72] KOUNLAVONG, PHETSOUVANH, US
[72] DAVIS, MONTE, US
[71] SUNBEAM PRODUCTS, INC., US
[22] 2013-02-11
[41] 2013-08-09
[30] US (61/596,861) 2012-02-09

---

[21] **2,805,831**
[13] A1
[51] **Int.Cl. C12P 41/00 (2006.01) C12P 7/40 (2006.01) C12P 7/62 (2006.01) C07B 57/00 (2006.01) C07C 62/34 (2006.01) C07C 69/757 (2006.01)**
[25] FR
[54] **ENZYMATIC SYNTHESIS PROCESS FOR (7S)-3,4-DIMETHOXYBICYCLO(4.2.0)OCTA-1,3,5-TRIENE-7-CARBOXYLIC ACID OR OF ITS ESTERS AND APPLICATION OF IVABRADINE AND ITS SALTS TO THE SYNTHESIS**
[54] **PROCEDE DE SYNTHESE ENZYMATIQUE DE L'ACIDE (7S)-3,4-DIMETHOXYBICYCLO(4.2.0)OCTA-1,3,5-TRIENE-7-CARBOXYLIQUE OU DE SES ESTERS, ET APPLICATION A LA SYNTHESE DE L'IVABRADINE ET DE SES SELS**
[72] PEDRAGOSA MOREAU, SANDRINE, FR
[72] LEFOULON, FRANCOIS, FR
[71] LES LABORATOIRES SERVIER, FR
[22] 2013-02-07
[41] 2013-08-09
[30] FR (12/51195) 2012-02-09

---

[21] **2,806,071**
[13] A1
[51] **Int.Cl. G09F 9/00 (2006.01) G09G 3/20 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR EXPANDABLE DISPLAY SCREENS**
[54] **PROCEDES ET SYSTEMES POUR EXPANSION DE CONTENU D'ECRAN**
[72] SWIST, JASON R., CA
[71] SWIST, JASON R., CA
[22] 2013-02-08
[41] 2013-08-08
[30] US (61/596257) 2012-02-08

---

[21] **2,806,220**
[13] A1
[51] **Int.Cl. B29C 67/20 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF FOAM MOULDED PARTS**
[54] **PROCEDE POUR LA PRODUCTION DE PIECES MOULEES EN MOUSSE**
[72] RENSEN, PETRUS FREDERIKUS MARIA, NL
[72] NOORDEGRAAF, JAN, NL
[72] VAN DEN HOONAARD, KENNETH, NL
[72] VAN DER BURGT, PETRUS HENRICUS JOHANNES, NL
[71] SYNBRA TECHNOLOGY B.V., NL
[22] 2013-02-05
[41] 2013-08-06
[30] NL (2008240) 2012-02-06

---

[21] **2,806,227**
[13] A1
[51] **Int.Cl. A01K 85/14 (2006.01) A01K 85/02 (2006.01) A01K 91/04 (2006.01)**
[25] EN
[54] **ARTIFICIAL FISHING LURE**
[54] **LEURRE DE PECHE ARTICIFICIEL**
[72] HEPP, MARK, CA
[72] LEESING, SCOTT, CA
[71] HEPP, MARK, CA
[71] LEESING, SCOTT, CA
[22] 2013-02-07
[41] 2013-08-08
[30] US (61/595,797) 2012-02-08

---

[21] **2,806,347**
[13] A1
[51] **Int.Cl. H02G 3/14 (2006.01)**
[25] EN
[54] **WEATHERPROOF WHILE-IN-USE FLOOR COVER**
[54] **PLAQUE COUVRANTE ETANCHE EN UTILISATION**
[72] DINH, CONG T., US
[72] GALLUCCI, PETER J., US
[72] DRANE, MARK R., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2013-02-19
[41] 2013-08-05
[30] US (61/636,166) 2012-04-20
[30] US (13/759,337) 2012-02-05

---

[21] **2,807,992**
[13] A1
[51] **Int.Cl. C09K 8/575 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01) C09K 17/40 (2006.01)**
[25] EN
[54] **TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **TRAITEMENT DES FORMATIONS SOUTERRAINES**
[72] MURPHY, CHRISTOPHER B., US
[72] FABRI, JON O., US
[72] REILLY, PHILLIP B., JR., US
[71] POLYMER VENTURES, INC., US
[22] 2013-02-28
[41] 2013-08-09

---

[21] **2,817,088**
[13] A1
[51] **Int.Cl. G09F 7/08 (2006.01) A47F 5/08 (2006.01) G09F 7/18 (2006.01)**
[25] EN
[54] **RETAIL WALL PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX MURAUX POUR COMMERCE DE DETAIL**
[72] BACSKAI, AMY M., US
[72] LOGAN, ROBERT G., US
[72] GOLKE, DANIEL, US
[72] CHENEY, DAVID, US
[72] DUSBABEK, JASON L., US
[71] TARGET BRANDS, INC., US
[22] 2013-05-31
[41] 2013-08-06
[30] US (13/905,451) 2013-05-30

[21] **2,817,137**
[13] A1
[51] **Int.Cl. B27B 5/29 (2006.01) B27B 31/00 (2006.01)**
[25] EN
[54] **DOUBLE ARBOR VERTICAL SHAPE SAW**
[54] **MACHINE A SCIER DE FORME VERTICALE A DEUX ARBRES**
[72] BULLION, CONRAD, US
[71] USNR/KOCKUMS CANCAR COMPANY, US
[22] 2013-05-30
[41] 2013-08-06
[30] US (61/768,302) 2013-02-22
[30] US (13/804,534) 2013-03-14

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,784,917**
[13] A1
[51] **Int.Cl. A63H 33/08 (2006.01)**
[25] EN
[54] **CONNECTABLE BLOCK**
[54] **BLOC DE RACCORDEMENT**
[72] UNO, YASUMASA, JP
[71] ARTEC CO., LTD., JP
[85] 2012-07-16
[86] 2012-02-06 (PCT/JP2012/052600)
[87] (2784917)

---

[21] **2,810,787**
[13] A1
[51] **Int.Cl. B60R 11/04 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **WORKING VEHICLE PERIPHERY MONITORING SYSTEM AND WORKING VEHICLE**
[54] **SYSTEME DE SURVEILLANCE DE PERIPHERIE DE VEHICULE DE TRAVAIL ET VEHICULE DE TRAVAIL**
[72] ASADA, NAO, JP
[71] KOMATSU LTD., JP
[85] 2013-03-20
[86] 2012-09-13 (PCT/JP2012/073541)
[87] (2810787)
[30] JP (2012-026709) 2012-02-09

---

[21] **2,818,972**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **HANDLING ENCODED INFORMATION**
[54] **MANIPULATION D'INFORMATIONS ENCODEES**
[72] HARRIS, RICHARD H., GB
[71] ENSYGNIA LIMITED, GB
[85] 2013-05-24
[86] 2011-11-25 (PCT/GB2011/052320)
[87] (WO2012/069845)
[30] GB (1020025.1) 2010-11-25

---

[21] **2,819,093**
[13] A1
[51] **Int.Cl. A61H 7/00 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MASSAGING THE HUMAN OR ANIMAL BODY**
[54] **APPAREIL DE MASSAGE DU CORPS HUMAIN OU ANIMAL**
[72] KHORASSANI ZADEH, DAVID, FR
[71] DAVKOR, FR
[85] 2013-05-27
[86] 2011-11-24 (PCT/FR2011/000619)
[87] (WO2012/069716)
[30] FR (1004576) 2010-11-25

---

[21] **2,819,155**
[13] A1
[51] **Int.Cl. E21B 19/07 (2006.01) E21B 19/10 (2006.01) E21B 19/16 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **ELECTRONIC CONTROL SYSTEM FOR A TUBULAR HANDLING TOOL**
[54] **SYSTEME DE COMMANDE ELECTRONIQUE POUR UN OUTIL DE MANIPULATION DE TUBULURE**
[72] WIEDECKE, MICHAEL, DE
[72] THIEMANN, BJOERN, DE
[72] HEIDECKE, KARSTEN, US
[72] LIESS, MARTIN, DE
[72] HELMS, MARTIN, DE
[72] HOOKER, JOHN D., II, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2013-05-27
[86] 2011-12-15 (PCT/US2011/065218)
[87] (WO2012/083050)
[30] US (61/424,575) 2010-12-17
[30] US (61/516,609) 2011-04-05

---

[21] **2,819,176**
[13] A1
[51] **Int.Cl. H04M 11/06 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **UNIVERSAL NETWORK INTERFACE DEVICE**
[54] **DISPOSITIF UNIVERSEL D'INTERFACE RESEAU**
[72] LICHOULAS, TED, US
[72] KIMBRELL, EDDIE, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2013-05-27
[86] 2012-07-12 (PCT/US2012/046353)
[87] (WO2013/009931)
[30] US (61/506,783) 2011-07-12
[30] US (61/542,578) 2011-10-03
[30] US (PCT/US2011/058310) 2011-10-28

---

[21] **2,819,257**
[13] A1
[51] **Int.Cl. A61B 6/02 (2006.01) A61B 6/03 (2006.01) A61B 6/04 (2006.01) A61B 6/12 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FUSING THREE DIMENSIONAL IMAGE DATA FROM A PLURALITY OF DIFFERENT IMAGING SYSTEMS FOR USE IN DIAGNOSTIC IMAGING**
[54] **SYSTEME ET PROCEDE DE FUSION DE DONNEES D'IMAGE TRIDIMENSIONNELLE PROVENANT D'UNE PLURALITE DE SYSTEMES D'IMAGERIE DIFFERENTS DESTINES A ETRE UTILISES EN IMAGERIE DIAGNOSTIQUE**
[72] DEFREITAS, KENNETH F., US
[72] SHAW, IAN, US
[71] HOLOGIC, INC., US
[85] 2013-05-28
[86] 2011-12-14 (PCT/US2011/064847)
[87] (WO2012/082861)
[30] US (61/422,991) 2010-12-14

[21] **2,821,095**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING FRAUDULENT ACCOUNT ACCESS AND TRANSFERS**
[54] **SYSTEME ET PROCEDE DE DETECTION D'ACCES ET DE TRANSFERTS FRAUDULEUX SUR UN COMPTE**
[72] WEINFLASH, LAURA E., US
[72] SIMM, JANIS E., US
[72] QI, JINGHONG, US
[71] EARLY WARNING SERVICES, LLC, US
[85] 2013-06-10
[86] 2011-12-14 (PCT/US2011/064965)
[87] (WO2012/082935)
[30] US (61/422,861) 2010-12-14

[21] **2,821,299**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/90 (2006.01) C40B 40/08 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **LINKING SEQUENCE READS USING PAIRED CODE TAGS**
[54] **LIAISON ENTRE DES LECTURES DE SEQUENCES A L'AIDE DE CODES MARQUEURS APPARIES**
[72] STEEMERS, FRANK J., US
[72] GUNDERSON, KEVIN, US
[72] ROYCE, THOMAS, US
[72] PIGNATELLI, NATASHA, US
[72] GORYSHIN, IGOR YU, US
[72] CARUCCIO, NICHOLAS, US
[72] MAFFITT, MARK, US
[72] JENDRISAK, JEROME, US
[72] AMINI, SASAN, US
[72] KAPER, FIONA, US
[72] TURK, CASEY, US
[72] KAHLOR, REZA, US
[71] ILLUMINA, INC, US
[85] 2013-06-11
[86] 2011-11-07 (PCT/US2011/059642)
[87] (WO2012/061832)
[30] US (61/410,671) 2010-11-05
[30] US (13/025,022) 2011-02-10
[30] US (13/080,345) 2011-04-05

[21] **2,821,808**
[13] A1
[51] **Int.Cl. B24B 5/04 (2006.01) B24B 41/06 (2012.01)**
[25] EN
[54] **METHOD FOR THE POSITIONING OF OPERATIVE CYLINDERS ON A GRINDING MACHINE AND GRINDING MACHINE WHICH IMPLEMENTS THIS METHOD**
[54] **PROCEDE DE POSITIONNEMENT DE CYLINDRES OPERATIONNELS SUR UNE RECTIFIEUSE ET RECTIFIEUSE METTANT EN □UVRE CE PROCEDE**
[72] TREVISAN, CLAUDIO, IT
[72] TRENTI, ERASMO, IT
[72] ANZINI, MATTEO, IT
[72] ANDERSON, THOMAS, SE
[71] TENOVA S.P.A., IT
[85] 2013-06-14
[86] 2011-12-07 (PCT/EP2011/006359)
[87] (WO2012/084155)
[30] IT (MI2010A002348) 2010-12-22

[21] **2,821,810**
[13] A1
[51] **Int.Cl. B24B 5/04 (2006.01) B24B 41/06 (2012.01)**
[25] EN
[54] **PERFECTED GRINDING MACHINE AND GRINDING METHOD**
[54] **RECTIFIEUSE AMELIOREE ET PROCEDE DE MEULAGE**
[72] BOSELLI, GIOVANNI, IT
[72] COZZI, MARCO, IT
[72] ANDERSSON, THOMAS, SE
[72] ANZINI, MATTEO, IT
[71] TENOVA S.P.A., IT
[85] 2013-06-14
[86] 2011-12-13 (PCT/EP2011/006373)
[87] (WO2012/084159)
[30] IT (MI2010A002349) 2010-12-22

[21] **2,821,812**
[13] A1
[51] **Int.Cl. C08G 64/32 (2006.01) C08G 64/34 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POLYETHER CARBONATE POLYOLS HAVING PRIMARY HYDROXYL END GROUPS AND POLYURETHANE POLYMERS PRODUCED THEREFROM**
[54] **PROCEDE DE PRODUCTION DE POLYOLS DE POLYETHERCARBONATE COMPRENANT DES GROUPES TERMINAUX HYDROXYLE PRIMAIRES ET POLYMERES DE POLYURETHANE PRODUITS A PARTIR DE CEUX-CI**
[72] HOFMANN, JORG, DE
[72] GURTLER, CHRISTOPH, DE
[72] NEFZGER, HARTMUT, DE
[72] HAHN, NORBERT, DE
[72] LORENZ, KLAUS, DE
[72] MULLER, THOMAS ERNST, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-14
[86] 2011-12-12 (PCT/EP2011/072489)
[87] (WO2012/080192)
[30] EP (10195634.0) 2010-12-17

[21] **2,821,827**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **6-THIO-SUBSTITUTED IMIDAZOPYRAZINES FOR USE AS MPS-1 AND TKK INHIBITORS IN THE TREATMENT OF HYPERPROLIFERATIVE DISORDERS**
[54] **IMIDAZOPYRAZINES 6-THIO SUBSTITUEES POUR L'UTILISATION EN TANT QU'INHIBITEURS DE MPS-1 ET DE TKK DANS LE TRAITEMENT DE TROUBLES D'HYPERPROLIFERATION**
[72] KOPPITZ, MARCUS, DE
[72] KLAR, ULRICH, DE
[72] JAUTELAT, ROLF, DE
[72] KOSEMUND, DIRK, DE
[72] BOHLMANN, ROLF, DE
[72] BADER, BENJAMIN, DE
[72] LIENAU, PHILIP, DE
[72] SIEMEISTER, GERHARD, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-14
[86] 2011-12-13 (PCT/EP2011/072582)
[87] (WO2012/080228)
[30] EP (10195699.3) 2010-12-17

[21] **2,821,829**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZOPYRAZINES FOR USE AS MPS-1 AND TKK INHIBITORS IN THE TREATMENT OF HYPERPROLIFERATIVE DISORDERS**
[54] **IMIDAZOPYRAZINES POUR L'UTILISATION EN TANT QU'INHIBITEURS DE MPS-1 ET DE TKK DANS LE TRAITEMENT DE TROUBLES D'HYPERPROLIFERATION**
[72] KOPPITZ, MARCUS, DE
[72] KLAR, ULRICH, DE
[72] JAUTELAT, ROLF, DE
[72] KOSEMUND, DIRK, DE
[72] BOHLMANN, ROLF, DE
[72] BADER, BENJAMIN, DE
[72] LIENAU, PHILIP, DE
[72] SIEMEISTER, GERHARD, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-14
[86] 2011-12-13 (PCT/EP2011/072583)
[87] (WO2012/080229)
[30] EP (10195702.5) 2010-12-17

[21] **2,821,834**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **6 SUBSTITUTED IMIDAZOPYRAZINES FOR USE AS MPS-1 AND TKK INHIBITORS IN THE TREATMENT OF HYPERPROLIFERATIVE DISORDERS**
[54] **IMIDAZOPYRAZINES 6-SUBSTITUEES POUR L'UTILISATION EN TANT QU'INHIBITEURS DE MPS-1 ET DE TKK DANS LE TRAITEMENT DE TROUBLES D'HYPERPROLIFERATION**
[72] KOPPITZ, MARCUS, DE
[72] KLAR, ULRICH, DE
[72] JAUTELAT, ROLF, DE
[72] KOSEMUND, DIRK, DE
[72] BOHLMANN, ROLF, DE
[72] BADER, BENJAMIN, DE
[72] LIENAU, PHILIP, DE
[72] SIEMEISTER, GERHARD, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-14
[86] 2011-12-13 (PCT/EP2011/072584)
[87] (WO2012/080230)
[30] EP (10195651.4) 2010-12-17

[21] **2,821,837**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **2-SUBSTITUTED IMIDAZOPYRAZINES FOR USE AS MPS-1 AND TKK INHIBITORS IN THE TREATMENT OF HYPERPROLIFERATIVE DISORDERS**
[54] **IMIDAZOPYRAZINES 2-SUBSTITUEES POUR L'UTILISATION EN TANT QU'INHIBITEURS DE MPS-1 ET DE TKK DANS LE TRAITEMENT DE TROUBLES D'HYPERPROLIFERATION**
[72] KOPPITZ, MARCUS, DE
[72] KLAR, ULRICH, DE
[72] JAUTELAT, ROLF, DE
[72] KOSEMUND, DIRK, DE
[72] BOHLMANN, ROLF, DE
[72] BADER, BENJAMIN, DE
[72] LIENAU, PHILIP, DE
[72] SIEMEISTER, GERHARD, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-14
[86] 2011-12-13 (PCT/EP2011/072586)
[87] (WO2012/080232)
[30] EP (10195663.9) 2010-12-17

[21] **2,821,841**
[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **DOWNHOLE COMPLETION**
[54] **COMPLETION DE FOND DE TROU**
[72] HALLUNDBAK, JORGEN, DK
[71] WELLTEC A/S, DK
[85] 2013-06-14
[86] 2011-12-16 (PCT/EP2011/073101)
[87] (WO2012/080487)
[30] EP (10195577.1) 2010-12-17

[21] **2,821,844**
[13] A1
[51] **Int.Cl. C09D 5/24 (2006.01) B22F 9/24 (2006.01) H01B 1/22 (2006.01) H05K 1/09 (2006.01)**
[25] EN
[54] **PICKERING EMULSION FOR PRODUCING ELECTRICALLY CONDUCTIVE COATINGS AND PROCESS FOR PRODUCING A PICKERING EMULSION**
[54] **EMULSION DE PICKERING POUR LA FABRICATION DE REVETEMENTS ELECTROCONDUCTEURS ET PROCEDE DE PREPARATION D'UNE EMULSION DE PICKERING**
[72] EIDEN, STEFANIE, DE
[72] LANDEN, DIANA DIMOVA, DE
[72] DUFF, DANIEL GORDON, DE
[72] RUDHARDT, DANIEL, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-14
[86] 2011-12-19 (PCT/EP2011/073276)
[87] (WO2012/084849)
[30] EP (10196109.2) 2010-12-21

[21] **2,821,848**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AUTO-INJECTOR**
[54] **INJECTEUR AUTOMATIQUE**
[72] KEMP, THOMAS MARK, GB
[72] BARROW-WILLIAMS, TIMOTHY DONALD, GB
[72] EKMAN, MATTHEW, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-06-14
[86] 2011-12-21 (PCT/EP2011/073508)
[87] (WO2012/085027)
[30] EP (10196073.0) 2010-12-21
[30] US (61/432,241) 2011-01-13

[21] **2,821,851**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/00 (2006.01) A61M 5/28 (2006.01) A61M 5/32 (2006.01) A61M 5/46 (2006.01)**
[25] EN
[54] **AUTO-INJECTOR**
[54] **INJECTEUR AUTOMATIQUE**
[72] KEMP, THOMAS, GB
[72] JENNINGS, DOUGLAS, GB
[72] EKMAN, MATTHEW, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-06-14
[86] 2011-12-21 (PCT/EP2011/073514)
[87] (WO2012/085032)
[30] EP (10196078.9) 2010-12-21
[30] US (61/432,235) 2011-01-13

[21] **2,821,853**
[13] A1
[51] **Int.Cl. C02F 1/66 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING BODIES OF WATER**
[54] **PROCEDE POUR TRAITER DES EAUX**
[72] KONIG, WOLFGANG, DE
[72] RABE, WOLFGANG, DE
[72] SCHOLZ, GUNTER, DE
[71] RHEINKALK GMBH, DE
[85] 2013-06-14
[86] 2011-12-19 (PCT/EP2011/073269)
[87] (WO2012/080514)
[30] DE (10 2010 055 032.9) 2010-12-17
[30] DE (10 2010 055 034.5) 2010-12-17

[21] **2,821,931**
[13] A1
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/04 (2006.01) C04B 28/06 (2006.01) C04B 28/08 (2006.01) C04B 28/14 (2006.01) C04B 28/18 (2006.01) C04B 28/22 (2006.01) C09K 8/46 (2006.01) C09K 8/473 (2006.01) C09K 8/48 (2006.01) C09K 8/487 (2006.01)**
[25] EN
[54] **SETTABLE COMPOSITIONS COMPRISING INTERGROUND PERLITE AND HYDRAULIC CEMENT**
[54] **COMPOSITIONS DURCISSABLES CONTENANT DE LA PERLITE ET UN CIMENT HYDRAULIQUE BROYES ENSEMBLE**
[72] KARCHER, JEFFERY D., US
[72] BRENNEIS, D. CHAD, US
[72] RODDY, CRAIG W., US
[72] BENKLEY, JAMES R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-06-14
[86] 2012-07-10 (PCT/US2012/046117)
[87] (WO2013/009780)
[30] US (13/180,238) 2011-07-11

[21] **2,821,945**
[13] A1
[51] **Int.Cl. A61K 38/37 (2006.01) A61K 47/48 (2006.01) C07K 14/755 (2006.01)**
[25] EN
[54] **AQUEOUS FACTOR VIII SOLUTION**
[54] **SOLUTION AQUEUSE DE FACTEUR VIII**
[72] RISCHEL, CHRISTIAN, DK
[72] JESPERGAARD, CHRISTINA, DK
[72] BOGSNES, ARE, DK
[72] KRARUP, JANUS, DK
[71] NOVO NORDISK A/S, DK
[85] 2013-06-14
[86] 2011-11-30 (PCT/EP2011/071339)
[87] (WO2012/079979)
[30] EP (10195288.5) 2010-12-16
[30] US (61/424,389) 2010-12-17

[21] **2,821,984**
[13] A1
[51] **Int.Cl. C07D 213/53 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THIOSEMICARBAZONE COMPOUNDS AND USE IN THE TREATMENT OF CANCER**
[54] **COMPOSES DE THIOSEMICARBAZONE ET UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] RICHARDSON, DES R., AU
[72] LOVEJOY, DAVID B., AU
[71] RICHARDSON, DES R., AU
[71] LOVEJOY, DAVID B., AU
[85] 2013-06-17
[86] 2011-12-16 (PCT/AU2011/001631)
[87] (WO2012/079128)
[30] AU (2010905539) 2010-12-17

[21] **2,821,992**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/09 (2006.01) C12N 15/85 (2006.01) C12P 21/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ENGINEERED NUCLEIC ACIDS AND METHODS OF USE THEREOF**
[54] **SYNTHESE D'ACIDES NUCLEIQUES ET METHODES D'UTILISATION ASSOCIEES**
[72] SCHRUM, JASON, US
[72] SIECZKIEWICZ, GREGORY J., US
[72] EJEBE, KENECHI, US
[72] ELBASHIR, SAYDA, US
[71] MODERNA THERAPEUTICS, INC., US
[85] 2013-04-02
[86] 2011-10-03 (PCT/US2011/054636)
[87] (WO2012/045082)
[30] US (61/404,413) 2010-10-01

[21] **2,821,993**
[13] A1
[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 31/4164 (2006.01) A61K 31/4168 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMBINATION TREATMENT FOR DERMATOLOGICAL CONDITIONS**
[54] **TRAITEMENT COMBINE D'AFFECTIONS DERMATOLOGIQUES**
[72] GRAEBER, MICHAEL, US
[72] LEONI, MATTHEW JAMES, US
[72] WAGNER, NATHALIE, FR
[71] GALDERMA S.A., US
[85] 2013-03-26
[86] 2011-09-27 (PCT/US2011/053455)
[87] (WO2012/050831)
[30] US (61/387,268) 2010-09-28
[30] US (13/232,139) 2011-09-14

[21] **2,821,994**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **FILTERING POWDERED MEDICAMENT INHALER AND APPLICATION**
[54] **INHALATEUR DE MEDICAMENT EN POUDRE FILTRANT ET SON UTILISATION**
[72] CHEN, QINGTANG, CN
[72] CHEN, XIN, CN
[71] CHEN, QINGTANG, CN
[85] 2013-06-17
[86] 2011-12-15 (PCT/CN2011/084071)
[87] (WO2012/079525)
[30] CN (201010596113.4) 2010-12-17

[21] **2,821,995**
[13] A1
[51] **Int.Cl. C07K 14/005 (2006.01) A61K 39/12 (2006.01) C07K 14/11 (2006.01) C07K 14/16 (2006.01) C07K 14/18 (2006.01)**
[25] EN
[54] **MONOMERIC AND MULTIMERIC IMMUNOGENIC PEPTIDES**
[54] **PEPTIDES IMMUNOGENES MONOMERES ET MULTIMERES**
[72] LANGE, EINER TONNES, NO
[72] GRONVOLD, MAJA SOMMERFELT, NO
[72] SORENSEN, BIRGER, NO
[72] LAWITZ, KAROLINA, SE
[71] BIONOR IMMUNO AS, NO
[85] 2013-06-17
[86] 2012-01-06 (PCT/DK2012/050010)
[87] (WO2012/092934)
[30] EP (11150323.1) 2011-01-06
[30] US (61/475,988) 2011-04-15

[21] **2,821,996**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **(PARTIAL) APPARATUS FOR PREVENTING INCONTINENCE WITH A FIXING DEVICE TO BE IMMOVABLY IMPLANTED IN BODY TISSUE**
[54] **DISPOSITIF (PARTIEL) POUR EMPECHER L'INCONTINENCE AVEC UN APPAREIL DE FIXATION POUR L'IMPLANTATION FIXE DANS DU TISSU CORPOREL**
[72] VITZTHUM, THOMAS, DE
[71] R&M CONSULTING AND TRADING GMBH & CO. KG, DE
[85] 2013-06-17
[86] 2010-12-23 (PCT/EP2010/007901)
[87] (WO2012/083993)

[21] **2,821,997**
[13] A1
[51] **Int.Cl. B29C 45/27 (2006.01)**
[25] EN
[54] **HOT RUNNER NOZZLE**
[54] **BUSE DE CANAL CHAUD**
[72] MANNER, HANS-PETER, DE
[71] OTTO MANNER INNOVATION GMBH, DE
[85] 2013-06-17
[86] 2011-12-22 (PCT/EP2011/006526)
[87] (WO2012/084252)
[30] DE (10 2010 056 073.1) 2010-12-23

[21] **2,821,998**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01)**
[25] EN
[54] **METHOD OF FREEZING CELLS**
[54] **PROCEDE DE CONGELATION DE CELLULES**
[72] HERNAN IZQUIERDO, ROBERTO, ES
[72] GALLOT ESCOBAL, NATALIA, ES
[72] CRUZ PACHECO, ANTONIO, ES
[71] ZF BIOTOX, S.L., ES
[85] 2013-06-17
[86] 2011-12-15 (PCT/EP2011/006579)
[87] (WO2012/089337)
[30] EP (10016179.3) 2010-12-30

[21] **2,821,999**
[13] A1
[51] **Int.Cl. C07D 235/26 (2006.01) A61K 31/4188 (2006.01) A61P 11/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE RESPIRATORY SYNCYTIAL VIRUS INHIBITORS**
[54] **INHIBITEURS BENZIMIDAZOLES DU VIRUS RESPIRATOIRE SYNCYTIAL**
[72] COOYMANS, LUDWIG PAUL, BE
[72] DEMIN, SAMUEL DOMINIQUE, BE
[72] HU, LILI, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] TAHRI, ABDELLAH, BE
[72] VENDEVILLE, SANDRINE MARIE HELENE, BE
[71] JANSSEN R&D IRELAND, IE
[85] 2013-06-17
[86] 2011-12-16 (PCT/EP2011/073008)
[87] (WO2012/080446)
[30] EP (10195467.5) 2010-12-16

[21] **2,822,000**
[13] A1
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/437 (2006.01) A61P 31/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **INDOLES AS RESPIRATORY SYNCYTIAL VIRUS ANTIVIRAL AGENTS**
[54] **INDOLES EN TANT QU'AGENTS ANTIVIRAUX CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] COOYMANS, LUDWIG PAUL, BE
[72] DEMIN, SAMUEL DOMINIQUE, BE
[72] HU, LILI, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] TAHRI, ABDELLAH, BE
[72] VENDEVILLE, SANDRINE MARIE HELENE, BE
[71] JANSSEN R&D IRELAND, IE
[85] 2013-06-17
[86] 2011-12-16 (PCT/EP2011/073011)
[87] (WO2012/080447)
[30] EP (10195468.3) 2010-12-16

[21] **2,822,001**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **AZABENZIMIDAZOLES AS RESPIRATORY SYNCYTIAL VIRUS ANTIVIRAL AGENTS**
[54] **AZABENZIMIDAZOLES EN TANT QU'AGENTS ANTIVIRAUX CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] COOYMANS, LUDWIG PAUL, BE
[72] DEMIN, SAMUEL DOMINIQUE, BE
[72] HU, LILI, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] TAHRI, ABDELLAH, BE
[72] VENDEVILLE, SANDRINE MARIE HELENE, BE
[71] JANSSEN R&D IRELAND, IE
[85] 2013-06-17
[86] 2011-12-16 (PCT/EP2011/073014)
[87] (WO2012/080449)
[30] EP (10195469.1) 2010-12-16
[30] EP (11160724.8) 2011-03-31

[21] **2,822,002**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **AZAINDOLES AS RESPIRATORY SYNCYTIAL VIRUS ANTIVIRAL AGENTS**
[54] **AZAINDOLES EN TANT QU'AGENTS ANTIVIRAUX CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] COOYMANS, LUDWIG PAUL, BE
[72] DEMIN, SAMUEL DOMINIQUE, BE
[72] HU, LILI, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] TAHRI, ABDELLAH, BE
[72] VENDEVILLE, SANDRINE MARIE HELENE, BE
[71] JANSSEN R&D IRELAND, IE
[85] 2013-06-17
[86] 2011-12-16 (PCT/EP2011/073016)
[87] (WO2012/080450)
[30] EP (10195473.3) 2010-12-16

[21] **2,822,003**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 31/12 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **IMIDAZOPYRIDINES AS RESPIRATORY SYNCYTIAL VIRUS ANTIVIRAL AGENTS**
[54] **IMIDAZOPYRIDINES EN TANT QU'AGENTS ANTIVIRAUX CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] COOYMANS, LUDWIG PAUL, BE
[72] HU, LILI, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] TAHRI, ABDELLAH, BE
[72] VAN HOOF, STEVEN MAURICE PAULA, BE
[72] VENDEVILLE, SANDRINE MARIE HELENE, BE
[71] JANSSEN R&D IRELAND, IE
[85] 2013-06-17
[86] 2011-12-16 (PCT/EP2011/073017)
[87] (WO2012/080451)
[30] EP (10195474.1) 2010-12-16

[21] **2,822,004**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **NEMATODE-RESISTANT TRANSGENIC PLANTS**
[54] **PLANTES TRANSGENIQUES RESISTANTES AUX NEMATODES**
[72] MCCAIG, BONNIE, US
[72] WIIG, AARON, US
[72] LOHAR, DASHARATH PRASAD, US
[72] KAFER, CHRISTOPHER, US
[72] HILL, STEVEN, US
[72] HUBERT, DAVID, US
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2013-06-17
[86] 2011-12-19 (PCT/EP2011/073158)
[87] (WO2012/084756)
[30] US (61/424,866) 2010-12-20

[21] **2,822,005**
[13] A1
[51] **Int.Cl. C08G 65/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POLYETHER POLYOLS**
[54] **PROCEDE DE PRODUCTION DE POLY-ETHER POLYOLS**
[72] LORENZ, KLAUS, DE
[72] HOFMANN, JORG, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-17
[86] 2011-12-19 (PCT/EP2011/073164)
[87] (WO2012/084762)
[30] EP (10195882.5) 2010-12-20

[21] **2,822,006**
[13] A1
[51] **Int.Cl. B29C 63/34 (2006.01) F16L 55/163 (2006.01) F16L 55/165 (2006.01) F16L 58/06 (2006.01)**
[25] EN
[54] **PIPE REPAIR METHOD AND REPAIRED PIPE**
[54] **PROCEDE DE REPARATION DE TUYAU ET TUYAU REPARE**
[72] GRUNDMANN, MARK, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2013-06-17
[86] 2011-12-19 (PCT/EP2011/073203)
[87] (WO2012/084793)
[30] US (61/425,076) 2010-12-20

[21] **2,822,007**
[13] A1
[51] **Int.Cl. A01H 5/00 (2006.01) A01H 5/12 (2006.01)**
[25] EN
[54] **NEW LETTUCE PLANT**
[54] **NOUVEAU PLANT DE LAITUE**
[72] SEGURA, VICTOR, ES
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2013-06-17
[86] 2011-12-21 (PCT/EP2011/073593)
[87] (WO2012/085085)
[30] EP (10196387.4) 2010-12-22

[21] **2,822,008**
[13] A1
[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/145 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **DEDICATED CARTRIDGE AND HOLDER**
[54] **CARTOUCHE ET SUPPORT DEDIES**
[72] RIESS, RALF, DE
[72] TRINKLE, STEFAN, DE
[72] SENIOR, JAMES, GB
[72] DAVIES, JAMES ALEXANDER, GB
[72] WALLACE, ANDREW GORDON, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-06-17
[86] 2011-12-22 (PCT/EP2011/073818)
[87] (WO2012/089620)
[30] US (61/427,362) 2010-12-27
[30] EP (11153434.3) 2011-02-04

[21] **2,822,009**
[13] A1
[51] **Int.Cl. A23L 1/303 (2006.01) A23L 1/162 (2006.01)**
[25] EN
[54] **SHORT COOKING DRY PASTA, ITS USE AND PROCESS FOR THE PREPARATION**
[54] **PATES DESHYDRATEES A CUISSON RAPIDE, LEUR UTILISATION ET PROCEDE POUR LEUR PREPARATION**
[72] BATTAINI, GIUSEPPE, DE
[71] NESTEC S.A., CH
[85] 2013-06-17
[86] 2011-12-22 (PCT/EP2011/073845)
[87] (WO2012/085233)
[30] EP (10196402.1) 2010-12-22

[21] **2,822,010**
[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **CONTAINER MADE FROM A COMPOSITE OF ALUMINIUM FOIL AND POLYMER AND USED FOR ANALYTICAL AIDS, AND METHOD FOR PRODUCING SAID CONTAINER**
[54] **RECIPIENT A BASE DE COMPOSITE FEUILLES D'ALUMINIUM - POLYMERE POUR AGENTS ANALYTIQUES ET PROCEDE DE PRODUCTION DUDIT RECIPIENT**
[72] LEICHNER, WILHELM, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-17
[86] 2011-12-23 (PCT/EP2011/073940)
[87] (WO2012/089660)
[30] EP (10016099.3) 2010-12-27
[30] EP (10016100.9) 2010-12-27
[30] EP (11003111.9) 2011-04-13

[21] **2,822,011**
[13] A1
[51] **Int.Cl. A23G 3/00 (2006.01) A23G 3/52 (2006.01) A23L 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AERATED FOOD PRODUCTS**
[54] **PROCEDE DE PRODUCTION DE PRODUITS ALIMENTAIRES AERES**
[72] LUND, CASPER, DK
[72] O'SULLIVAN, GEOFFREY, GB
[72] JENSEN, HENRIK AABYE, DK
[72] KRAGH, HENRIK, DK
[72] LUND, SUSANNE BUDDE, DK
[72] MADSEN, FINN, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2013-06-17
[86] 2012-01-31 (PCT/EP2012/051588)
[87] (WO2012/126655)
[30] EP (11152913.7) 2011-02-01
[30] US (61/438,439) 2011-02-01

[21] **2,822,012**
[13] A1
[51] **Int.Cl. C11D 3/39 (2006.01) C11D 3/37 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **BLEACH CATALYST PARTICLE**
[54] **PARTICULE DE CATALYSEUR DE BLANCHIMENT**
[72] HEPPERT, KAI, DE
[72] LINGLER, STEFFEN, DE
[71] RECKITT BENCKISER N.V., NL
[85] 2013-06-17
[86] 2011-12-09 (PCT/GB2011/052443)
[87] (WO2012/085534)
[30] GB (1021541.6) 2010-12-21

[21] **2,822,013**
[13] A1
[51] **Int.Cl. E21B 27/00 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **DOWNHOLE APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE FOND DE PUITS**
[72] LEITCH, ANDREW, GB
[71] ENIGMA OILFIELD PRODUCTS LTD., GB
[85] 2013-06-17
[86] 2011-12-20 (PCT/GB2011/052527)
[87] (WO2012/085556)
[30] GB (1021588.7) 2010-12-21

[21] **2,822,014**
[13] A1
[51] **Int.Cl. F27D 17/00 (2006.01) C25C 3/22 (2006.01)**
[25] EN
[54] **METALLURGICAL PLANT GAS CLEANING SYSTEM, AND METHOD OF CLEANING AN EFFLUENT GAS**
[54] **SYSTEME D'EPURATION DES GAZ D'USINE METALLURGIQUE, ET PROCEDE D'EPURATION D'UN GAZ EFFLUENT**
[72] SORHUUS, ANDERS KENNETH, NO
[72] WEDDE, GEIR, NO
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-06-17
[86] 2011-12-05 (PCT/IB2011/002938)
[87] (WO2012/085634)
[30] EP (10196375.9) 2010-12-22

[21] **2,822,015**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING OR VERIFYING A BLOOD CIRCUIT CONNECTED TO AN EXTRACORPOREAL BLOOD TREATMENT CONSOLE**
[54] **PROCEDE ET SYSTEME DE DETECTION OU DE VERIFICATION D'UN CIRCUIT SANGUIN RELIE A UNE CONSOLE DE TRAITEMENT SANGUIN EXTRACORPOREL**
[72] PAOLINI, FRANCESCO, IT
[72] ROVATTI, PAOLO, IT
[71] GAMBRO LUNDIA AB, SE
[85] 2013-06-17
[86] 2011-12-21 (PCT/IB2011/003103)
[87] (WO2012/085644)
[30] US (61/426,214) 2010-12-22
[30] EP (10015918.5) 2010-12-22

[21] **2,822,016**
[13] A1
[51] **Int.Cl. C07D 211/34 (2006.01)**
[25] EN
[54] **LOW-TEMPERATURE SYNTHESIS OF METHYLPHENIDATE HYDROCHLORIDE**
[54] **SYNTHESE A BASSE TEMPERATURE DE CHLORHYDRATE DE METHYLPHENIDATE**
[72] HUNTLEY, C. FREDERICK M., US
[72] LA LUMIERE, KNICHOLAUS DUDLEY, US
[72] REISCH, HELGE ALFRED, US
[72] KATAISTO, ERIK WAYNE, US
[71] RHODES TECHNOLOGIES, US
[85] 2013-06-17
[86] 2011-12-16 (PCT/IB2011/003140)
[87] (WO2012/080834)
[30] US (61/424,424) 2010-12-17

[21] **2,822,017**
[13] A1
[51] **Int.Cl. C07D 213/82 (2006.01) A61K 31/44 (2006.01) A61K 31/4427 (2006.01) A61K 31/4965 (2006.01) A61K 31/505 (2006.01) A61P 3/10 (2006.01) C07D 239/42 (2006.01) C07D 241/28 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **GLUCAGON RECEPTOR MODULATORS**
[54] **MODULATEURS DU RECEPTEUR DU GLUCAGON**
[72] ASPNES, GARY ERIK, US
[72] DIDIUK, MARY THERESA, US
[72] FILIPSKI, KEVIN JAMES, US
[72] GUZMAN-PEREZ, ANGEL, US
[72] PFEFFERKORN, JEFFREY ALLEN, US
[72] STEVENS, BENJAMIN DAWSON, US
[72] TU, MEIHUA MIKE, US
[71] PFIZER INC., US
[85] 2013-06-17
[86] 2011-12-09 (PCT/IB2011/055588)
[87] (WO2012/085745)
[30] US (61/426,600) 2010-12-23
[30] US (61/562,008) 2011-11-21

[21] **2,822,018**
[13] A1
[51] **Int.Cl. H02J 3/14 (2006.01) G01D 4/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MANAGING ELECTRIC ENERGY CONSUMPTION AND/OR PRODUCTION**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE LA CONSOMMATION ET/OU DE LA PRODUCTION D'ENERGIE ELECTRIQUE**
[72] SIMONOV, MIKHAIL, IT
[71] ISTITUTO SUPERIORE MARIO BOELLA SULLE TECNOLOGIE DELL'INFORMAZIONE E DEL LE TELECOMUNICAZIONI, IT
[85] 2013-06-17
[86] 2011-12-28 (PCT/IB2011/055991)
[87] (WO2012/090169)
[30] IT (TO2010A001076) 2010-12-28

[21] **2,822,019**
[13] A1
[51] **Int.Cl. F23D 14/36 (2006.01) F23D 14/64 (2006.01)**
[25] EN
[54] **MIXTURE SUPPLY SYSTEM FOR A HOT WATER APPLIANCE, A HOT WATER APPLIANCE COMPRISING SUCH A MIXTURE SUPPLY SYSTEM AND A METHOD FOR MIXING A FUEL AND AN OXIDIZER**
[54] **SYSTEME D'ALIMENTATION DE MELANGE DESTINE A UN APPAREIL A EAU CHAUDE, APPAREIL A EAU CHAUDE COMPRENANT UN TEL SYSTEME D'ALIMENTATION DE MELANGE ET PROCEDE DE MELANGE D'UN COMBUSTIBLE ET D'UN OXYDANT**
[72] COOL, PETER JAN, NL
[71] INTERGAS HEATING ASSETS B.V., NL
[85] 2013-06-17
[86] 2011-12-19 (PCT/NL2011/050860)
[87] (WO2012/081984)
[30] NL (2005880) 2010-12-17

[21] **2,822,020**
[13] A1
[51] **Int.Cl. C10B 53/02 (2006.01) C10L 5/44 (2006.01) C10L 9/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TREATING BIOMASS**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE LA BIOMASSE**
[72] BERGMAN, PETER CHRISTIAAN ALBERT, NL
[71] TOPELL ENERGY B.V., NL
[85] 2013-06-17
[86] 2012-01-27 (PCT/NL2012/050047)
[87] (WO2012/102617)
[30] NL (2006079) 2011-01-27

[21] **2,822,021**
[13] A1
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/127 (2006.01) A61K 38/28 (2006.01)**
[25] EN
[54] **VESICLE COMPOSITIONS**
[54] **COMPOSITIONS DE VESICULES**
[72] ANNAPRAGADA, ANANTH, US
[72] DASGUPTA, INDRANI, US
[72] TANIFUM, ERIC, US
[72] SRIVASTAVA, MAYANK, US
[72] ANALOUI, MOSTAFA, US
[71] SENSULIN, LLC, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2013-04-05
[86] 2012-03-02 (PCT/US2012/027579)
[87] (WO2012/119117)
[30] US (61/448,556) 2011-03-02

[21] **2,822,022**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERIODIC CHANNEL STATE REPORTING IN A WIRELESS NETWORK**
[54] **APPAREIL ET PROCEDE POUR LA REMISE PERIODIQUE D'UN RAPPORT D'ETAT DE CANAL DANS UN RESEAU SANS FIL**
[72] LIU, LINGJIA, US
[72] NAM, YOUNG-HAN, US
[72] ZHANG, JIANZHONG, US
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-06-17
[86] 2011-12-16 (PCT/KR2011/009745)
[87] (WO2012/081939)
[30] US (61/424,528) 2010-12-17
[30] US (13/313,831) 2011-12-07

[21] **2,822,023**
[13] A1
[51] **Int.Cl. B01J 35/10 (2006.01) B01J 21/06 (2006.01) B01J 21/08 (2006.01) B01J 23/30 (2006.01) B01J 27/14 (2006.01) B01J 37/03 (2006.01)**
[25] EN
[54] **CARRIER FOR NOX REDUCTION CATALYST**
[54] **SUPPORT POUR UN CATALYSEUR DE REDUCTION DES NOX**
[72] YONEMURA, MASANAO, JP
[72] NOCHI, KATSUMI, JP
[72] KIYOSAWA, MASASHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2013-06-17
[86] 2011-12-07 (PCT/JP2011/078265)
[87] (WO2012/086413)
[30] JP (2010-283012) 2010-12-20

[21] **2,822,024**
[13] A1
[51] **Int.Cl. A61K 31/728 (2006.01) A61K 38/18 (2006.01) A61K 38/39 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **USE OF HYALURONAN FOR PROMOTING ANGIOGENESIS**
[54] **UTILISATION DE HYALURONANE POUR STIMULER L'ANGIOGENESE**
[72] HUANG, LYNN L. H., TW
[71] NATIONAL CHENG KUNG UNIVERSITY, TW
[85] 2013-04-05
[86] 2011-10-07 (PCT/US2011/055288)
[87] (WO2012/048214)
[30] US (61/390,789) 2010-10-07

[21] **2,822,025**
[13] A1
[51] **Int.Cl. H05B 41/16 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **METAL SALT COMPOSITIONS**
[54] **COMPOSITIONS DE SELS METALLIQUES**
[72] PORTER, VENDA, US
[72] PATEL, VYOMA, US
[72] FISHER, STEVEN WADE, US
[72] MORGAN, ANDRE MICHELLE, US
[72] PRENCIPE, MICHAEL, US
[72] JARACZ, STANISLAV, US
[71] COLGATE PALMOLIVE COMPANY, US
[85] 2013-06-17
[86] 2010-12-21 (PCT/US2010/061414)
[87] (WO2012/087288)

[21] **2,822,026**
[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 14/435 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **SAPOSIN-A DERIVED PEPTIDES AND USES THEREOF**
[54] **PEPTIDES DERIVES DE SAPOSINE A ET UTILISATIONS DE CEUX-CI**
[72] WATNICK, RANDOLPH, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2013-06-17
[86] 2010-12-17 (PCT/US2010/061007)
[87] (WO2011/084685)
[30] US (12/640,788) 2009-12-17

[21] **2,822,027**
[13] A1
[51] **Int.Cl. C07C 39/373 (2006.01) A61K 8/34 (2006.01) A61K 31/055 (2006.01) A61P 1/02 (2006.01) A61P 17/10 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **HALOGENATED BIPHENOLS AS ANTIBACTERIAL AGENTS**
[54] **BIPHENOLS HALOGENES EN TANT QU'AGENTS ANTIBACTERIENS**
[72] SUBRAMANYAM, RAVI, US
[72] XU, GUOFENG, US
[72] GRONLUND, JENNIFER, US
[72] ANSARI, SHAMIM, US
[71] COLGATE PALMOLIVE COMPANY, US
[85] 2013-06-17
[86] 2010-12-21 (PCT/US2010/061428)
[87] (WO2012/087289)

[21] **2,822,028**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCING OIL RECOVERY FROM A SUBTERRANEAN RESERVOIR**
[54] **SYSTEME ET PROCEDE POUR AMELIORER LA RECUPERATION DE PETROLE A PARTIR D'UN RESERVOIR SOUTERRAIN**
[72] THOMAS, DAVID GLYNN, AU
[71] CHEVRON U.S.A. INC., US
[85] 2013-06-17
[86] 2011-06-16 (PCT/US2011/040782)
[87] (WO2012/087375)
[30] US (61/425,517) 2010-12-21

[21] **2,822,029**
[13] A1
[51] **Int.Cl. C22C 26/00 (2006.01)**
[25] EN
[54] **HIGH QUALITY PCD COMPACT**
[54] **PDC (POLYCRYSTALLINE DIAMOND COMPACT) DE HAUTE QUALITE**
[72] LIN, YUANBO, US
[72] NORGREN, SUSANNE, SE
[72] MARTENSSON, MALIN, SE
[72] MARKSTROM, ANDREAS, SE
[71] DIAMOND INNOVATIONS, INC., US
[85] 2013-06-17
[86] 2011-09-06 (PCT/US2011/050564)
[87] (WO2012/031300)
[30] US (61/379,900) 2010-09-03

[21] **2,822,030**
[13] A1
[51] **Int.Cl. H01B 3/22 (2006.01) C07C 69/02 (2006.01) H01B 3/20 (2006.01)**
[25] EN
[54] **HIGH FIRE-POINT ESTERS AS ELECTRICAL INSULATING OILS**
[54] **ESTERS A HAUT POINT D'INFLAMMATION EN TANT QU'HUILES D'ISOLATION ELECTRIQUE**
[72] SCHEXNAYDRE, RYAN J., US
[72] ROSENBAUM, JOHN M., US
[72] ELOMARI, SALEH, US
[72] MILLER, STEPHEN J., US
[72] ZHOU, ZHEN, US
[71] CHEVRON U.S.A., INC., US
[85] 2013-06-17
[86] 2011-11-18 (PCT/US2011/061371)
[87] (WO2012/087467)
[30] US (12/978,064) 2010-12-23

[21] **2,822,031**
[13] A1
[51] **Int.Cl. B60C 11/13 (2006.01) B60C 11/11 (2006.01) B60C 11/12 (2006.01)**
[25] EN
[54] **TIRE TREAD HAVING DEVELOPING GROOVES**
[54] **BANDE DE ROULEMENT DE PNEU AYANT DES RAINURES DE DEVELOPPEMENT**
[72] STUCKEY, JON I., US
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2013-06-17
[86] 2011-11-07 (PCT/US2011/059523)
[87] (WO2012/087436)
[30] US (12/974,593) 2010-12-21

[21] **2,822,032**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **PROVIDING RELEVANT NOTIFICATIONS FOR A USER BASED ON LOCATION AND SOCIAL INFORMATION**
[54] **FOURNITURE DE NOTIFICATIONS PERTINENTES A UN UTILISATEUR SUR LA BASE D'INFORMATIONS DE LOCALISATION ET D'INFORMATIONS SOCIALES**
[72] TSENG, ERICK, US
[72] BRAGINSKY, DAVID EDWARD, US
[71] FACEBOOK, INC., US
[85] 2013-06-17
[86] 2011-11-18 (PCT/US2011/061544)
[87] (WO2012/087472)
[30] US (12/977,027) 2010-12-22

[21] **2,822,033**
[13] A1
[51] **Int.Cl. G01V 8/16 (2006.01) E21B 47/00 (2012.01) G01B 11/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONIITORING STRAIN & PRESSURE**
[54] **SYSTEME ET PROCEDE POUR CONTROLER UNE CONTRAINTE ET UNE PRESSION**
[72] MINCHAU, MICHAEL CHARLES, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-17
[86] 2011-12-09 (PCT/US2011/064105)
[87] (WO2012/087604)
[30] US (61/425,603) 2010-12-21

[21] **2,822,035**
[13] A1
[51] **Int.Cl. C23C 14/16 (2006.01) C23C 2/06 (2006.01) C23C 2/26 (2006.01) C23C 2/40 (2006.01) C23C 14/58 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **STEEL SHEET WITH A MULTILAYER COATING**
[54] **TOLE D'ACIER COMPRENANT UN REVETEMENT MULTICOUCHE**
[72] MONNOYER, MAXIME, FR
[72] CHALEIX, DANIEL, FR
[72] ALLELY, CHRISTIAN, FR
[72] JACQUES, DANIEL, FR
[72] CHASSAGNE, JULIE, BE
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2013-06-17
[86] 2010-12-17 (PCT/FR2010/000848)
[87] (WO2012/080581)

[21] **2,822,037**
[13] A1
[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 31/381 (2006.01) A61K 31/439 (2006.01) A61K 31/4709 (2006.01) A61K 31/501 (2006.01) A61K 31/675 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING HCV**
[54] **COMBINATIONS POUR TRAITER LE VHC**
[72] DELANEY, WILLIAM E., US
[72] LINK, JOHN O., US
[72] MO, HONGMEI, US
[72] OLDACH, DAVID W., US
[72] RAY, ADRIAN S., US
[72] WATKINS, WILLIAM J., US
[72] YANG, CHENG YONG, US
[72] ZHONG, WEIDONG, US
[71] GILEAD SCIENCES, INC., US
[85] 2013-06-17
[86] 2011-12-08 (PCT/US2011/064017)
[87] (WO2012/087596)
[30] US (61/425,194) 2010-12-20
[30] US (61/495,841) 2011-06-10

[21] **2,822,039**
[13] A1
[51] **Int.Cl. C07D 213/34 (2006.01) A61K 31/343 (2006.01) A61P 31/00 (2006.01) C07C 311/00 (2006.01) C07D 213/62 (2006.01) C07D 233/64 (2006.01) C07D 307/18 (2006.01) C07D 307/82 (2006.01) C07D 333/34 (2006.01) C07D 407/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **SULFUR DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS**
[54] **DERIVES DU SOUFRE EN TANT QUE MODULATEURS DES RECEPTEURS DE CHIMIOKINES**
[72] YUAN, HAIQING, US
[72] BEARD, RICHARD L., US
[72] LIU, XIAOXIA, US
[72] DONELLO, JOHN E., US
[72] VISWANATH, VEENA, US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2013-06-17
[86] 2011-12-09 (PCT/US2011/064233)
[87] (WO2012/082566)
[30] US (61/423,940) 2010-12-16

[21] **2,822,040**
[13] A1
[51] **Int.Cl. C07F 9/32 (2006.01) A61K 31/662 (2006.01) C07F 9/36 (2006.01)**
[25] EN
[54] **PHOSPHOROUS DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS**
[54] **DERIVES PHOSPHOREUX EN TANT QUE MODULATEURS DE RECEPTEUR DE CHIMIOKINE**
[72] YUAN, HAIQING, US
[72] BEARD, RICHARD L., US
[72] LIU, XIAOXIA, US
[72] DONELLO, JOHN E., US
[72] VISWANATH, VEENA, US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2013-06-17
[86] 2011-12-09 (PCT/US2011/064242)
[87] (WO2012/082568)
[30] US (61/423,940) 2010-12-16

[21] **2,822,042**
[13] A1
[51] **Int.Cl. F02B 75/04 (2006.01) F16K 31/06 (2006.01)**
[25] FR
[54] **TUBULAR VALVE FOR CONTROLLING AN ENGINE WITH A VARIABLE COMPRESSION RATIO**
[54] **VANNE TUBULAIRE DE COMMANDE D'UN MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2013-06-17
[86] 2011-12-21 (PCT/FR2011/053132)
[87] (WO2012/085463)
[30] FR (1005058) 2010-12-23

[21] **2,822,044**
[13] A1
[51] **Int.Cl. C07D 231/18 (2006.01) A61K 31/381 (2006.01) A61K 31/422 (2006.01) A61K 31/427 (2006.01) C07C 311/44 (2006.01) C07D 307/82 (2006.01) C07D 333/34 (2006.01) C07D 405/12 (2006.01) C07D 407/12 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **NOVEL 1,2- BIS-SULFONAMIDE DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS**
[54] **NOUVEAUX DERIVES DE 1,2-BIS-SULFONAMIDE EN TANT QUE MODULATEURS DE RECEPTEUR DE CHIMIOKINE**
[72] YUAN, HAIQING, US
[72] BEARD, RICHARD L., US
[72] LIU, XIAOXIA, US
[72] DONELLO, JOHN E., US
[72] VISWANATH, VEENA, US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2013-06-17
[86] 2011-12-12 (PCT/US2011/064441)
[87] (WO2012/082633)
[30] US (61/423,941) 2010-12-16

[21] **2,822,046**
[13] A1
[51] **Int.Cl. F25D 3/00 (2006.01) A41D 13/00 (2006.01)**
[25] EN
[54] **BODY TEMPERATURE REGULATION PACK AND PACK HOLDER FOR ATTACHING BODY TEMPERATURE REGULATION PACK**
[54] **MODULE DE REGULATION DE TEMPERATURE CORPORELLE ET SUPPORT DE MODULE POUR ATTACHER CELUI-CI**
[72] HASEGAWA, TAKASHI, JP
[71] EIKAN SHOJI CO., LTD., JP
[85] 2013-06-17
[86] 2011-12-21 (PCT/JP2011/079611)
[87] (WO2012/086676)
[30] JP (2010-288725) 2010-12-24
[30] JP (2011-132056) 2011-06-14

[21] **2,822,047**
[13] A1
[51] **Int.Cl. B23K 9/133 (2006.01) B23K 9/32 (2006.01) B65H 51/10 (2006.01) B65H 51/30 (2006.01)**
[25] EN
[54] **WELDING WIRE FEEDER WITH PUSHBUTTON WIRE GUIDE HOLDER AND ALIGNMENT TONGUE; METHOD USING A WELDING WIRE FEEDER HAVING SUCH ALIGNMENT TONGUE**
[54] **DISPOSITIF D'ALIMENTATION DE FIL DE SOUDAGE AVEC SUPPORT DE GUIDAGE DE FIL A BOUTON POUSSOIR ET PROCEDE A LANGUETTE D'ALIGNEMENT UTILISANT UN DISPOSITIF D'ALIMENTATION DE FIL DE SOUDAGE COMPORTANT UNE TELLE LANGUETTE D'ALIGNEMENT**
[72] CHRISTOPHER, MARK R., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2013-06-17
[86] 2011-12-13 (PCT/US2011/064716)
[87] (WO2012/082786)
[30] US (61/423,831) 2010-12-16
[30] US (13/314,997) 2011-12-08

[21] **2,822,048**
[13] A1
[51] **Int.Cl. C12P 1/00 (2006.01) C12P 7/56 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CHEMICAL BY CONTINUOUS FERMENTATION**
[54] **PROCEDE DE PRODUCTION D'UNE SUBSTANCE CHIMIQUE PAR FERMENTATION CONTINUE**
[72] TAKEUCHI, NORIHIRO, JP
[72] CHEON, JIHOON, JP
[72] NISHIDA, MAKOTO, JP
[72] KANAMORI, SATOKO, JP
[72] KOBAYASHI, ATSUSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2013-06-17
[86] 2011-12-21 (PCT/JP2011/079714)
[87] (WO2012/086720)
[30] JP (2010-285365) 2010-12-22
[30] JP (2011-039572) 2011-02-25

[21] **2,822,049**
[13] A1
[51] **Int.Cl. B23K 9/173 (2006.01) B23K 9/028 (2006.01) B23K 9/32 (2006.01) B23K 37/00 (2006.01) H01R 4/60 (2006.01) H01R 4/64 (2006.01) H02H 11/00 (2006.01)**
[25] EN
[54] **GROUNDING SYSTEM FOR WELDING APPLICATION WITH MEASUREMENT CIRCUIT; METHOD OF GROUNDING IN A WELDING APPLICATION WITH SUCH MEASURING**
[54] **SYSTEME ET PROCEDE DE MISE A LA TERRE POUR APPLICATION DE SOUDAGE AVEC CIRCUIT DE MESURE**
[72] GITTER, JOSEPH CARL, US
[72] BAUS, GEORGE HAROLD, US
[72] SALSICH, ANTHONY VAN BERGEN, US
[71] ILLINOIS TOOL WORK, INC., US
[85] 2013-06-17
[86] 2011-12-14 (PCT/US2011/064910)
[87] (WO2012/082895)
[30] US (61/423,882) 2010-12-16
[30] US (13/208,078) 2011-08-11

[21] **2,822,050**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/10 (2009.01) H04J 1/00 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS AND COMMUNICATION CONTROL METHOD**
[54] **STATION DE BASE, TERMINAL MOBILE ET PROCEDE DE COMMANDE DE COMMUNICATION**
[72] ABE, TETSUSHI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2013-06-17
[86] 2011-12-21 (PCT/JP2011/079744)
[87] (WO2012/086734)
[30] JP (2010-286568) 2010-12-22

[21] **2,822,051**
[13] A1
[51] **Int.Cl. C10M 151/00 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED COPOLYMERS AND LUBRICATING COMPOSITIONS THEREOF**
[54] **COPOLYMERES FONCTIONNALISES ET COMPOSITIONS LUBRIFIANTES A BASE DE CEUX-CI**
[72] SALOMON, MARY, US
[72] EDGAR, JULIE, US
[72] BARTON, WILLIAM, GB
[72] BAKER, MARK, US
[72] HUSTON, MICHAEL, US
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065347)
[87] (WO2012/087781)
[30] US (61/425,276) 2010-12-21

[21] **2,822,052**
[13] A1
[51] **Int.Cl. B60T 8/36 (2006.01) E03B 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLUSTERED WELLHEAD HIGH INTEGRITY PROTECTION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR SYSTEME DE PROTECTION A HAUTE INTEGRITE DE TETES DE PUITS GROUPEES**
[72] FLANDERS, PATRICK S., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-06-17
[86] 2011-12-15 (PCT/US2011/065199)
[87] (WO2012/083040)
[30] US (61/424,339) 2010-12-17

[21] **2,822,054**
[13] A1
[51] **Int.Cl. H04N 7/173 (2011.01)**
[25] EN
[54] **RECEIVING DEVICE, RECEIVING METHOD, PROVIDING DEVICE, PROVIDING METHOD, PROGRAMS, AND BROADCASTING SYSTEM**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'ALIMENTATION, PROCEDE D'ALIMENTATION, PROGRAMME ET SYSTEME DE DIFFUSION**
[72] KITAZATO, NAOHISA, JP
[71] SONY CORPORATION, JP
[85] 2013-06-17
[86] 2012-01-17 (PCT/JP2012/050835)
[87] (WO2012/102133)
[30] JP (2011-013265) 2011-01-25

[21] **2,822,055**
[13] A1
[51] **Int.Cl. H04N 7/173 (2011.01) H04H 40/18 (2009.01) H04H 60/09 (2009.01) H04H 60/82 (2009.01) H04B 1/16 (2006.01)**
[25] EN
[54] **RECEIVING DEVICE, RECEIVING METHOD, PROVIDING DEVICE, PROVIDING METHOD, PROGRAMS, AND BROADCASTING SYSTEM**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'ALIMENTATION, PROCEDE D'ALIMENTATION, PROGRAMME ET SYSTEME DE DIFFUSION**
[72] KITAZATO, NAOHISA, JP
[71] SONY CORPORATION, JP
[85] 2013-06-17
[86] 2012-01-17 (PCT/JP2012/050836)
[87] (WO2012/102134)
[30] JP (2011-013266) 2011-01-25

[21] **2,822,057**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/16 (2006.01)**
[25] EN
[54] **INHIBITORS OF INFLUENZA VIRUSES REPLICATION**
[54] **INHIBITEURS DE LA REPLICATION DES VIRUS DE LA GRIPPE**
[72] CHARIFSON, PAUL S., US
[72] CLARK, MICHAEL P., US
[72] BANDARAGE, UPUL K., US
[72] DAVIES, IOANA, US
[72] DUFFY, JOHN P., US
[72] GAO, HUAI, US
[72] FENG, JUN, US
[72] LIANG, JIANGLIN, US
[72] KENNEDY, JOSEPH M., US
[72] LEDEBOER, MARK W., US
[72] LEDFORD, BRIAN, US
[72] MALTAIS, FRANCOIS, US
[72] PEROLA, EMANUELE, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065371)
[87] (WO2012/083117)
[30] US (61/423,943) 2010-12-16
[30] US (61/527,273) 2011-08-25

[21] **2,822,058**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) E21B 49/08 (2006.01) G01V 9/02 (2006.01) G06F 17/10 (2006.01)**
[25] EN
[54] **IMPROVED CONSTRAINED PRESSURE RESIDUAL PRECONDITIONER FOR EFFICIENT SOLUTION OF THE ADJOINT EQUATION**
[54] **PRECONDITIONNEUR DE RESIDU DE PRESSION SOUS CONTRAINTES AMELIORE POUR SOLUTION EFFICACE DE L'EQUATION ADJOINTE**
[72] HAN, CHOONGYONG, US
[72] WALLIS, JOHN, US
[72] SARMA, PALLAV, US
[72] LI, GARY, US
[72] SCHRADER, MARK, US
[72] CHEN, WEN, US
[71] CHEVRON U.S.A. INC., US
[85] 2013-06-17
[86] 2011-12-12 (PCT/US2011/064341)
[87] (WO2012/082586)
[30] US (61/422,527) 2010-12-13

[21] **2,822,059**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/16 (2006.01)**
[25] EN
[54] **INHIBITORS OF INFLUENZA VIRUSES REPLICATION**
[54] **INHIBITEURS DE REPLICATION DE VIRUS DE LA GRIPPE**
[72] CHARIFSON, PAUL S., US
[72] CLARK, MICHAEL P., US
[72] DAVIES, IOANA, US
[72] GAO, HUAI, US
[72] KENNEDY, JOSEPH M., US
[72] LEDEBOER, MARK W., US
[72] MALTAIS, FRANCOIS, US
[72] PEROLA, EMANUELE, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065388)
[87] (WO2012/083121)
[30] US (61/423,925) 2010-12-16
[30] US (61/527,276) 2011-08-25

[21] **2,822,061**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **ANTI-CD38 ANTIBODIES**
[54] **ANTICORPS ANTI-CD38**
[72] ELIAS, KATHLEEN ANN, US
[72] LANDES, GREGORY, US
[72] SINGH, SHWETA, US
[72] KORVER, WOUTER, US
[72] DRAKE, ANDREW WALLING, US
[72] HAAK-FRENDSCHO, MARY, US
[72] SNELL, GYORGY PAL, US
[72] BHASKAR, VINAY, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2013-06-17
[86] 2011-12-30 (PCT/US2011/068235)
[87] (WO2012/092612)
[30] US (61/428,699) 2010-12-30
[30] US (61/470,406) 2011-03-31
[30] US (61/470,382) 2011-03-31
[30] US (61/485,104) 2011-05-11

[21] **2,822,062**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01)**
[25] EN
[54] **INHIBITORS OF INFLUENZA VIRUSES REPLICATION**
[54] **INHIBITEURS DE LA REPLICATION DU VIRUS DE LA GRIPPE**
[72] CHARIFSON, PAUL S., US
[72] CLARK, MICHAEL P., US
[72] BANDARAGE, UPUL K., US
[72] DENG, HONGBO, US
[72] DAVIES, IOANA, US
[72] DUFFY, JOHN P., US
[72] FARMER, LUC J., US
[72] GAO, HUAI, US
[72] GU, WENXIN, US
[72] KENNEDY, JOSEPH M., US
[72] LEDEBOER, MARK W., US
[72] LEDFORD, BRIAN, US
[72] MALTAIS, FRANCOIS, US
[72] PEROLA, EMANUELE, US
[72] WANNAMAKER, MARION W., US
[72] WANG, TIANSHENG, US
[72] SALITURO, FRANCESCO G., US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065389)
[87] (WO2012/083122)
[30] US (61/423,933) 2010-12-16
[30] US (61/527,277) 2011-08-25

[21] **2,822,065**
[13] A1
[51] **Int.Cl. D21F 1/00 (2006.01) D21F 1/48 (2006.01) D21F 9/00 (2006.01) D21F 9/02 (2006.01)**
[25] EN
[54] **ENERGY SAVING PAPERMAKING FORMING APPARATUS AND METHOD FOR LOWERING CONSISTENCY OF FIBER SUSPENSION**
[54] **APPAREIL DE FORMATION DE FABRICATION DE PAPIER A ECONOMIE D'ENERGIE ET PROCEDE POUR DIMINUER LA CONSISTANCE D'UNE SUSPENSION DE FIBRES**
[72] CABRERA Y LOPEZ CARAM, LUIS FERNANDO, MX
[71] FCPAPEL LLC, US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065406)
[87] (WO2012/083129)
[30] US (61/423,977) 2010-12-16
[30] US (13/020,462) 2011-02-03

[21] **2,822,066**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **NATURAL INPUT FOR SPREADSHEET ACTIONS**
[54] **ENTREE NATURELLE POUR ACTIONS DE FEUILLE DE CALCUL**
[72] CAMPBELL, JOHN, US
[72] LIN, AMY, US
[72] WALDMAN, LAWRENCE, US
[72] DER, SHERMAN, US
[72] CHENG, KAREN, US
[72] DOAN, CHRISTOPHER, US
[72] CONSTANTINE, THOMAS, US
[72] ROTHSCHILLER, CHAD, US
[72] MA, YUN, US
[71] MICROSOFT CORPORATION, US
[85] 2013-06-17
[86] 2012-01-04 (PCT/US2012/020192)
[87] (WO2012/094396)
[30] US (12/986,473) 2011-01-07

[21] **2,822,067**
[13] A1
[51] **Int.Cl. B05C 5/02 (2006.01) F04C 14/08 (2006.01) F04C 14/24 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE INTERMITTENT APPLICATION OF A LIQUID TO PASTY MEDIUM ONTO AN APPLICATION SURFACE**
[54] **APPAREIL POUR APPLICATION INTERMITTENTE DE MILIEU LIQUIDE A PATEUX SUR UNE SURFACE D'APPLICATION**
[72] TRABELSI, MARKUS, DE
[72] SURENBROCK, MICHAEL, DE
[72] PAHL, ANDREAS, DE
[71] ILLINOIS TOOL WORKS INC., US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065565)
[87] (WO2012/083207)
[30] DE (102010055019.1) 2010-12-17

[21] **2,822,069**
[13] A1
[51] **Int.Cl. H01M 8/20 (2006.01)**
[25] EN
[54] **HIGH ENERGY DENSITY REDOX FLOW DEVICE**
[54] **DISPOSITIF A ECOULEMENT REDOX A HAUTE DENSITE D'ENERGIE**
[72] CARTER, WILLIAM CRAIG, US
[72] CHIANG, YET-MING, US
[72] DUDUTA, MIHAI, US
[72] LIMTHONGKUL, PIMPA, US
[71] 24M TECHNOLOGIES, INC., US
[85] 2013-06-17
[86] 2011-12-16 (PCT/US2011/065615)
[87] (WO2012/083233)
[30] US (12/970,773) 2010-12-16

[21] **2,822,070**
[13] A1
[51] **Int.Cl. C07D 473/32 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **N-(1-(SUBSTITUTED-PHENYL)ETHYL)-9H-PURIN-6-AMINES AS PI3K INHIBITORS**
[54] **N-(1-(PHENYL SUBSTITUE)ETHYL)-9H-PURIN-6-AMINES EN TANT QU'INHIBITEURS DE PI3K**
[72] LI, YUN-LONG, US
[72] COMBS, ANDREW P., US
[72] YUE, EDDY W., US
[72] MADUSKUIE, THOMAS P., JR., US
[72] SPARKS, RICHARD B., US
[71] INCYTE CORPORATION, US
[85] 2013-06-17
[86] 2011-12-19 (PCT/US2011/065743)
[87] (WO2012/087881)
[30] US (61/425,107) 2010-12-20

[21] **2,822,071**
[13] A1
[51] **Int.Cl. C07D 231/54 (2006.01) A61K 31/416 (2006.01) A61K 31/517 (2006.01) A61P 29/00 (2006.01) C07D 239/70 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **PYRAZOLYL AND PYRIMIDINYL TRICYCLIC ENONES AS ANTIOXIDANT INFLAMMATION MODULATORS**
[54] **PYRAZOLYL- ET PYRIMIDINYL-ENONES TRICYCLIQUES EN TANT QUE MODULATEURS D'INFLAMMATION ANTIOXYDANTS**
[72] ANDERSON, ERIC, US
[72] BOLTON, GARY L., US
[72] CAPRATHE, BRADLEY, US
[72] JIANG, XIN, US
[72] LEE, CHITASE, US
[72] ROARK, WILLIAM H., US
[72] VISNICK, MELEAN, US
[71] REATA PHARMACEUTICALS, INC., US
[85] 2013-06-17
[86] 2011-12-19 (PCT/US2011/065897)
[87] (WO2012/083306)
[30] US (61/424,601) 2010-12-17

[21] **2,822,072**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **RESIZABLE VALVE BASE FOR CARDIOVASCULAR VALVE ASSEMBLY**
[54] **BASE DE VALVULE REDIMENSIONNABLE POUR ENSEMBLE DE VALVULE CARDIOVASCULAIRE**
[72] VESELY, IVAN, US
[71] VALVEXCHANGE INC., US
[85] 2013-06-17
[86] 2012-01-05 (PCT/US2012/020298)
[87] (WO2012/094474)
[30] US (61/430,339) 2011-01-06

[21] **2,822,074**
[13] A1
[51] **Int.Cl. F02C 3/20 (2006.01) F02C 3/28 (2006.01) F02C 6/00 (2006.01) F02C 6/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED COMBUSTION OPERATIONS**
[54] **SYSTEMES ET PROCEDES POUR UN FONCTIONNEMENT AMELIORE DES DISPOSITIFS DE COMBUSTION**
[72] HUNTINGTON, RICHARD A., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2013-06-17
[86] 2012-01-10 (PCT/US2012/020751)
[87] (WO2012/096940)
[30] US (13/005,098) 2011-01-12

[21] **2,822,075**
[13] A1
[51] **Int.Cl. G21B 1/13 (2006.01)**
[25] EN
[54] **TUNABLE FUSION BLANKET FOR LOAD FOLLOWING AND TRITIUM PRODUCTION**
[54] **ENVELOPPE DE FUSION ACCORDABLE POUR LE SUIVI DES VARIATIONS DE CHARGE ET LA PRODUCTION DE TRITIUM**
[72] LATKOWSKI, JEFFERY FREDRICK, US
[72] KRAMER, KEVIN JAMES, US
[72] DEMUTH, JAMES ALEXANDER, US
[72] MORRIS, KEVIN, US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2013-06-17
[86] 2012-01-30 (PCT/US2012/023156)
[87] (WO2012/103548)
[30] US (61/437,508) 2011-01-28
[30] US (PCT/US2011/059814) 2011-11-08

[21] **2,822,076**
[13] A1
[51] **Int.Cl. G03B 15/02 (2006.01) G01S 17/89 (2006.01) G02B 27/02 (2006.01) G02B 27/09 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **ACTIVE IMAGING DEVICE HAVING FIELD OF VIEW AND FIELD OF ILLUMINATION WITH CORRESPONDING RECTANGULAR ASPECT RATIOS**
[54] **DISPOSITIF D'IMAGERIE ACTIF COMPORTANT UN CHAMP DE VUE ET UN CHAMP D'ECLAIRAGE AVEC RAPPORTS D'ASPECT RECTANGULAIRE CORRESPONDANTS**
[72] GODIN, JACQUES, CA
[72] GRENIER, MARTIN, CA
[72] DEMERS, LOUIS, CA
[71] OBZERV TECHNOLOGIES INC., CA
[85] 2013-07-19
[86] 2012-05-24 (PCT/CA2012/050341)
[87] (WO2012/159214)
[30] US (61/489,881) 2011-05-25

[21] **2,822,078**
[13] A1
[51] **Int.Cl. A61J 1/10 (2006.01) A61J 1/18 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **MEDICAL PACKAGE, SYSTEM AND METHOD FOR MANAGING MEDICAL PACKAGE**
[54] **CONDITIONNEMENT MEDICAL, SYSTEME ET PROCEDE POUR LA GESTION DE CONDITIONNEMENT MEDICAL**
[72] SANDVIK, LEIF, SE
[72] STRANDBERG, CHRISTIAN, SE
[72] OSKARSSON, THOMAS, SE
[72] GRAMMING, MAGNUS, SE
[71] TRIDENTIFY AB, SE
[85] 2013-06-17
[86] 2011-11-15 (PCT/SE2011/051366)
[87] (WO2012/091655)
[30] SE (1001195-5) 2010-12-16

[21] **2,822,080**
[13] A1
[51] **Int.Cl. A01N 43/60 (2006.01) A01P 7/00 (2006.01) A61K 31/497 (2006.01) A61P 33/00 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **ECTOPARASITICIDAL ACTIVE SUBSTANCE COMBINATIONS**
[54] **COMBINAISONS DE PRINCIPES ACTIFS ECTOPARASITICIDES**
[72] TURBERG, ANDREAS, DE
[72] GORGENS, ULRICH, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] WERNER, STEFAN, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-18
[86] 2011-12-19 (PCT/EP2011/073280)
[87] (WO2012/084852)
[30] DE (10 2010 063 691.6) 2010-12-21

[21] **2,822,081**
[13] A1
[51] **Int.Cl. A61B 17/15 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **ORTHOPEDIC SURGICAL GUIDE**
[54] **GUIDE CHIRURGICAL ORTHOPEDIQUE**
[72] STEMNISKI, PAUL, US
[72] OBERT, RICHARD, US
[72] LANCIANESE, SARAH, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2013-06-17
[86] 2011-12-20 (PCT/US2011/066025)
[87] (WO2012/088036)
[30] US (61/425,054) 2010-12-20
[30] US (61/482,657) 2011-05-05
[30] US (13/330,091) 2011-12-19

[21] **2,822,082**
[13] A1
[51] **Int.Cl. B60S 3/04 (2006.01)**
[25] EN
[54] **MOBILE CARWASH SYSTEM**
[54] **SYSTEME DE LAVAGE D'AUTOMOBILE MOBILE**
[72] WILKINSON, HENRY, ZA
[71] WILKINSON, HENRY, ZA
[85] 2013-06-17
[86] 2011-11-15 (PCT/ZA2011/000088)
[87] (WO2012/083316)
[30] ZA (2010/09052) 2010-12-15

[21] **2,822,084**
[13] A1
[51] **Int.Cl. E21B 47/08 (2012.01)**
[25] EN
[54] **BIOMASS CONVERSION SYSTEMS HAVING INTEGRATED HEAT MANAGEMENT AND METHODS FOR USE THEREOF**
[54] **SYSTEMES DE CONVERSION DE BIOMASSE EQUIPES D'UN SYSTEME INTEGRE DE GESTION DE LA CHALEUR ET LEURS PROCEDES D'UTILISATION**
[72] POWELL, JOSEPH BROUN, US
[72] CHHEDA, JUBEN NEMCHAND, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-17
[86] 2011-12-20 (PCT/US2011/066193)
[87] (WO2012/088131)
[30] US (61/424,803) 2010-12-20
[30] US (61/576,676) 2011-12-16

[21] **2,822,085**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01D 33/01 (2006.01)**
[25] EN
[54] **FILTRATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE FILTRATION**
[72] TORTORELLA, STEVAN PAUL, US
[72] SEYMOUR, GERAINT, GB
[71] GE HEALTHCARE UK LIMITED, GB
[85] 2013-06-18
[86] 2011-12-20 (PCT/EP2011/073486)
[87] (WO2012/085006)
[30] GB (1021595.2) 2010-12-21
[30] GB (1021577.0) 2010-12-21
[30] GB (1021598.6) 2010-12-21
[30] GB (1110924.6) 2011-06-28

[21] **2,822,086**
[13] A1
[51] **Int.Cl. C02F 3/12 (2006.01)**
[25] EN
[54] **FLOTATION MACHINE, FROTH RECOVERY APPARATUS, AND METHOD FOR RECOVERING MATERIAL**
[54] **MACHINE DE FLOTTATION, APPAREIL DE RECUPERATION D'ECUME, ET PROCEDE DE RECUPERATION DE MATIERE**
[72] OLSON, TIMOTHY J., US
[72] RODRIGUES SILVA, RONNEY ROGERIO, US
[71] FLSMIDTH A/S, DK
[85] 2013-06-17
[86] 2011-12-21 (PCT/US2011/066391)
[87] (WO2012/088228)
[30] US (61/425,296) 2010-12-21

[21] **2,822,087**
[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C07G 1/00 (2011.01) C10G 1/00 (2006.01)**
[25] EN
[54] **PROCESS TO PRODUCE BIOFUELS FROM BIOMASS**
[54] **PROCEDE DE FABRICATION DE BIOCARBURANTS A PARTIR D'UNE BIOMASSE**
[72] POWELL, JOSEPH BROUN, US
[72] CHHEDA, JUBEN NEMCHAND, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-17
[86] 2011-12-20 (PCT/US2011/066123)
[87] (WO2012/088092)
[30] US (61/424,832) 2010-12-20

[21] **2,822,088**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 36/16 (2006.01) A61K 36/38 (2006.01) A61K 47/26 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING ACTIVE PLANT SUBSTANCES**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DES PRINCIPES ACTIFS VEGETAUX**
[72] SPITZ, MARCO, DE
[71] MEPHA SCHWEIZ AG, CH
[71] MAX ZELLER SOHNE AG, CH
[85] 2013-06-18
[86] 2011-12-21 (PCT/EP2011/073499)
[87] (WO2012/085018)
[30] CH (02142/10) 2010-12-21

[21] **2,822,089**
[13] A1
[51] **Int.Cl. A61N 1/365 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **PROCESS TO PRODUCE BIOFUELS FROM BIOMASS**
[54] **PROCEDE DE FABRICATION DE BIOCARBURANTS A PARTIR D'UNE BIOMASSE**
[72] POWELL, JOSEPH BROUN, US
[72] CHHEDA, JUBEN NEMCHAND, US
[71] SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V., NL
[85] 2013-06-17
[86] 2011-12-20 (PCT/US2011/066140)
[87] (WO2012/088103)
[30] US (61/424,816) 2010-12-20

[21] **2,822,090**
[13] A1
[51] **Int.Cl. B29C 65/14 (2006.01) B29C 65/16 (2006.01)**
[25] EN
[54] **LASER WELDING OF PLASTIC COMPONENTS USING TWO SUPERPOSED MOTIONS**
[54] **SOUDAGE AU LASER D'ELEMENTS EN PLASTIQUE PAR DEUX MOUVEMENTS SUPERPOSES**
[72] ROHL, OLIVER, DE
[72] STRASSER, CHRISTOPH, DE
[71] BIELOMATIK LEUZE GMBH & CO. KG, DE
[85] 2013-06-18
[86] 2011-12-21 (PCT/EP2011/073647)
[87] (WO2012/085121)
[30] DE (10 2010 055 293.3) 2010-12-21

[21] **2,822,091**
[13] A1
[51] **Int.Cl. C04B 33/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR FLOCCULATING TAILINGS STREAMS OF THE OIL PROSPECTION**
[54] **PROCEDES DE FLOCULATION DE COURANTS DE RESIDUS DE LA PROSPECTION PETROLIERE**
[72] FARINATO, RAYMOND, US
[72] HURD, MICHAEL, US
[72] MACY, PATRICK, US
[72] WATSON, WALTER PHILIP, US
[71] KEMIRA OYJ, FI
[85] 2013-06-17
[86] 2011-12-21 (PCT/US2011/066531)
[87] (WO2012/088291)
[30] US (61/425,500) 2010-12-21

[21] **2,822,093**
[13] A1
[51] **Int.Cl. F21S 2/00 (2006.01) F21V 8/00 (2006.01) G02F 1/13357 (2006.01)**
[25] EN
[54] **TRANSPARENT DISPLAY BACKLIGHT ASSEMBLY**
[54] **ENSEMBLE RETROECLAIRAGE A AFFICHAGE TRANSPARENT**
[72] BOHN, DAVID D., US
[72] FLECK, ROD G., US
[72] KNEE, DEREK LESLIE, US
[71] MICROSOFT CORPORATION, US
[85] 2013-06-17
[86] 2011-12-22 (PCT/US2011/066757)
[87] (WO2012/088386)
[30] US (12/977,852) 2010-12-23

[21] **2,822,095**
[13] A1
[51] **Int.Cl. B03B 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR RECOVERING BITUMEN FROM OIL SANDS ORE BY FROTHING AND ADDITION OF CEMENT POWDER**
[54] **PROCEDE DE RECUPERATION DE BITUME A PARTIR D'UN MINERAI DE SABLES BITUMINEUX PAR MOUSSAGE ET ADDITION D'UNE POUDRE DE CIMENT**
[72] MAHMOUDKHANI, AMIR, US
[72] FENDERSON, THOMAS, US
[71] KEMIRA OYJ, FI
[85] 2013-06-17
[86] 2011-12-22 (PCT/US2011/066869)
[87] (WO2012/088430)
[30] US (61/425,975) 2010-12-22

[21] **2,822,097**
[13] A1
[51] **Int.Cl. C07D 309/10 (2006.01) A61K 38/14 (2006.01) C07K 9/00 (2006.01)**
[25] EN
[54] **DERIVATIVES OF GLYCO-CF2-SERINE AND GLYCO-CF2-THREONINE**
[54] **DERIVES DE GLYCO-CF2-SERINE ET DE GLYCO-CF2-THREONINE**
[72] DELIENCOURT-GODEFROY, GERALDINE, FR
[72] FILLON, HYACINTHE, FR
[72] MARTIN, THIBAUT, FR
[71] TFCHEM, FR
[85] 2013-06-18
[86] 2011-12-22 (PCT/EP2011/073822)
[87] (WO2012/085221)
[30] EP (10306493.7) 2010-12-22

[21] **2,822,099**
[13] A1
[51] **Int.Cl. A01D 43/06 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND APPARATUS FOR MONITORING YIELD AND VEHICLE**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE SURVEILLANCE DE RENDEMENT ET VEHICULE**
[72] KOCH, JUSTIN L., US
[72] SAUDER, DEREK A., US
[71] PRECISION PLANTING LLC, US
[85] 2013-06-17
[86] 2011-12-22 (PCT/US2011/066826)
[87] (WO2012/088405)
[30] US (61/426,376) 2010-12-22

[21] **2,822,100**
[13] A1
[51] **Int.Cl. G06F 9/38 (2006.01)**
[25] EN
[54] **EXTENSIBLE DATA PARALLEL SEMANTICS**
[54] **SEMANTIQUES PARALLELES DE DONNES EXTENSIBLES**
[72] RINGSETH, PAUL F., US
[71] MICROSOFT CORPORATION, US
[85] 2013-06-17
[86] 2011-12-23 (PCT/US2011/067185)
[87] (WO2012/088508)
[30] US (12/977,207) 2010-12-23

[21] **2,822,102**
[13] A1
[51] **Int.Cl. E02D 5/74 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ANCRAGE**
[72] PERKINS, LARRY L., US
[72] SHENG, JACK, US
[71] FALCON TECHNOLOGIES AND SERVICES, INC., US
[85] 2013-06-17
[86] 2011-12-22 (PCT/US2011/066785)
[87] (WO2012/088395)
[30] US (61/425,952) 2010-12-22

[21] **2,822,103**
[13] A1
[51] **Int.Cl. B01J 23/75 (2006.01) B01J 23/94 (2006.01) B01J 38/10 (2006.01) B01J 38/12 (2006.01) B01J 38/66 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **PROCESS FOR REGENERATING A COBALT COMPRISING FISCHER-TROPSCH CATALYST**
[54] **PROCEDE POUR LA REGENERATION D'UN CATALYSEUR FISCHER-TROPSCH COMPRENANT DU COBALT**
[72] NKRUMAH, STEPHEN, NL
[72] SMITS, JOHANNES THEODORUS MARIA, NL
[72] BEZEMER, GERRIT LEENDERT, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-18
[86] 2011-12-22 (PCT/EP2011/073835)
[87] (WO2012/085227)
[30] EP (10196901.2) 2010-12-23

[21] **2,822,105**
[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C07G 1/00 (2011.01) C10G 1/00 (2006.01)**
[25] EN
[54] **PROCESS TO PRODUCE BIOFUELS FROM BIOMASS**
[54] **PROCEDE DE PRODUCTION DE BIOCARBURANTS A PARTIR DE BIOMASSE**
[72] POWELL, JOSEPH BROUN, US
[72] CHHEDA, JUBEN NEMCHAND, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-17
[86] 2011-12-20 (PCT/US2011/066173)
[87] (WO2012/088121)
[30] US (61/424,803) 2010-12-20

[21] **2,822,106**
[13] A1
[51] **Int.Cl. H01M 4/90 (2006.01) H01M 4/92 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **IMPROVED MEMBRANE ELECTRODE ASSEMBLIES FOR PEM FUEL CELLS**
[54] **ENSEMBLES MEMBRANE-ELECTRODE AMELIORES POUR PILES A COMBUSTIBLE PEM**
[72] SUCHSLAND, JENS-PETER, DE
[72] BINDER, MATTHIAS, DE
[72] ZANDONA, NICOLA, BE
[71] SOLVICORE GMBH & CO. KG, DE
[85] 2013-06-18
[86] 2011-12-22 (PCT/EP2011/073877)
[87] (WO2012/085245)
[30] EP (10016032.4) 2010-12-23

[21] **2,822,108**
[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/14 (2006.01) C10L 10/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO BLENDING FUELS**
[54] **AMELIORATIONS SE RAPPORTANT AU MELANGE DE CARBURANTS**
[72] EGGENSTEIN, MATTHIAS, DE
[72] BRUNNER, ANDREAS HUGO, DE
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-18
[86] 2011-12-23 (PCT/EP2011/073916)
[87] (WO2012/085263)
[30] EP (10196964.0) 2010-12-24

[21] **2,822,109**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) C10G 3/00 (2006.01)**
[25] EN
[54] **PROCESS TO PRODUCE BIOFUELS FROM BIOMASS**
[54] **PROCEDE DE FABRICATION DE BIOCARBURANTS A PARTIR D'UNE BIOMASSE**
[72] POWELL, JOSEPH BROUN, US
[72] CHHEDA, JUBEN NEMCHAND, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-17
[86] 2011-12-20 (PCT/US2011/066161)
[87] (WO2012/088114)
[30] US (61/424,797) 2010-12-20

[21] **2,822,110**
[13] A1
[51] **Int.Cl. C07F 7/00 (2006.01)**
[25] EN
[54] **METAL ALKYL-ARENES AND PROCESSES FOR THE PREPARATION THEREOF**
[54] **ALKYLARENES METALLIQUES ET LEURS PROCEDES DE PREPARATION**
[72] PAMPALONI, GUIDO, IT
[72] RENILI, FILIPPO, IT
[72] SOMMAZZI, ANNA, IT
[72] MARCHETTI, FABIO, IT
[72] MASI, FRANCESCO, IT
[72] POLESELLO, MARIO, IT
[71] VERSALIS S.P.A., IT
[85] 2013-06-18
[86] 2011-12-23 (PCT/EP2011/073925)
[87] (WO2012/089652)
[30] IT (MI2010A002400) 2010-12-27

[21] **2,822,111**
[13] A1
[51] **Int.Cl. C08F 10/02 (2006.01)**
[25] EN
[54] **OLEFIN-BASED POLYMERS AND DISPERSION POLYMERIZATIONS**
[54] **POLYMERES OLEFINIQUES ET POLYMERISATIONS EN DISPERSION**
[72] DESHPANDE, KISHORI, US
[72] DIXIT, RAVINDRA S., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2013-06-17
[86] 2011-12-21 (PCT/US2011/066417)
[87] (WO2012/088235)
[30] US (61/425,608) 2010-12-21
[30] US (61/577,232) 2011-12-19

[21] **2,822,112**
[13] A1
[51] **Int.Cl. F03D 1/00 (2006.01) F03D 11/00 (2006.01)**
[25] EN
[54] **WIND POWER INSTALLATION WITH HELICOPTER HOISTING PLATFORM**
[54] **INSTALLATION D'ENERGIE EOLIENNE COMPORTANT UNE PLATEFORME D'HELITREUILLAGE**
[72] KOHNE, ANSGAR, DE
[72] ARNDT, JOACHIM, DE
[71] AREVA WIND GMBH, DE
[85] 2013-06-18
[86] 2011-12-27 (PCT/EP2011/074078)
[87] (WO2012/089726)
[30] EP (10016098.5) 2010-12-27

[21] **2,822,113**
[13] A1
[51] **Int.Cl. F16L 25/01 (2006.01) F16L 33/01 (2006.01)**
[25] EN
[54] **FLUID CONNECTOR WITH A HOSE CUTTING CLIP**
[54] **RACCORD POUR FLUIDE AVEC CLIP DE DECOUPE DE FLEXIBLE**
[72] WELLS, MICHAEL PAUL, US
[71] EATON CORPORATION, US
[85] 2013-06-17
[86] 2011-12-21 (PCT/US2011/066443)
[87] (WO2012/088251)
[30] US (12/977,309) 2010-12-23

[21] **2,822,114**
[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01) C12N 15/113 (2010.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SIRNA AGAINST CBL-B AND OPTIONALLY IL-2 AND IL-12 FOR USE IN THE TREATMENT OF CANCER**
[54] **ARNSI DIRIGE CONTRE CB1-B ET OPTIONNELLEMENT IL2 ET IL12 A UTILISER DANS LE TRAITEMENT DU CANCER**
[72] LAMETSCHWANDTNER, GUNTHER, AT
[72] LOIBNER, HANS, AT
[72] SCHUSTER, MANFRED, AT
[72] HASLINGER, ISABELLA, AT
[72] SEIDL, SANDRA, AT
[71] APEIRON BIOLOGICS AG, AT
[85] 2013-06-18
[86] 2011-12-27 (PCT/EP2011/074099)
[87] (WO2012/089736)
[30] EP (10197146.3) 2010-12-28

[21] **2,822,115**
[13] A1
[51] **Int.Cl. C07K 14/18 (2006.01) A61K 39/12 (2006.01)**
[25] EN
[54] **SALMONID ALPHAVIRUS PROTEIN E2**
[54] **PROTEINE E2 D'UN ARBOVIRUS A DES SALMONIDES**
[72] VILLOING, STEPHANE, NO
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2013-06-18
[86] 2011-12-28 (PCT/EP2011/074121)
[87] (WO2012/089749)
[30] EP (10197232.1) 2010-12-29
[30] US (61/430,299) 2011-01-06

[21] **2,822,116**
[13] A1
[51] **Int.Cl. B22D 41/24 (2006.01) B22D 41/56 (2006.01) C21C 5/46 (2006.01) F27D 3/15 (2006.01)**
[25] EN
[54] **POURING SPOUT CHANGER HAVING A DUMMY PLATE FOR A CASTING DEVICE FOR PRODUCING METALLURGIC PRODUCTS**
[54] **DISPOSITIF DE CHANGEMENT DE TUBE DE COULEE DOTE D'UNE PLAQUE D'OBTURATION, POUR UN DISPOSITIF DE COULEE DESTINE A PRODUIRE DES PRODUITS METALLURGIQUES**
[72] HELLER, JOSEF, CH
[72] COUSIN, JEAN-DANIEL, CH
[71] STOPINC AKTIENGESELLSCHAFT, CH
[85] 2013-06-18
[86] 2012-01-06 (PCT/EP2012/000046)
[87] (WO2012/095282)
[30] CH (00044/11) 2011-01-11

[21] **2,822,117**
[13] A1
[51] **Int.Cl. A01K 67/00 (2006.01)**
[25] EN
[54] **GENERATION OF AUTOLOGOUS T-CELLS IN MICE**
[54] **GENERATION DE LYMPHOCYTES T AUTOLOGUES CHEZ LA SOURIS**
[72] SYKES, MEGAN, US
[72] KALSCHEUER, HANNES, DE
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2013-06-17
[86] 2011-12-30 (PCT/US2011/068155)
[87] (WO2012/092578)
[30] US (61/428,949) 2010-12-31
[30] US (61/454,266) 2011-03-18
[30] US (61/532,950) 2011-09-09

[21] **2,822,118**
[13] A1
[51] **Int.Cl. B01J 31/18 (2006.01) B01J 31/02 (2006.01) B01J 31/14 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A CATALYST COMPOSITION FOR OLIGOMERIZATION OF ETHYLENE AND RESPECTIVE CATALYST COMPOSITION PRE-FORMATION UNIT**
[54] **PROCEDE D'ELABORATION D'UNE COMPOSITION CATALYTIQUE POUR L'OLIGOMERISATION DE L'ETHYLENE ET UNITE DE PRE-FORMATION DE LA COMPOSITION CATALYTIQUE CORRESPONDANTE**
[72] WOHL, ANINA, DE
[72] MULLER, WOLFGANG, DE
[72] BOLT, HEINZ, DE
[72] MEISWINKEL, ANDREAS, DE
[72] ROSENTHAL, UWE, DE
[72] MULLER, BERND, DE
[72] PEULECKE, NORMEN, DE
[72] THALLER, CHRISTIAN, DE
[72] HARFF, MARCO, DE
[72] PEITZ, STEPHAN, DE
[72] MOSA, FUAD, SA
[72] AL-HAZMI, MOHAMMED H., SA
[72] AZAM, SHAHID, SA
[71] LINDE AG, DE
[71] SAUDI BASIC INDUSTRIES CORPORATION, SA
[85] 2013-06-18
[86] 2012-01-11 (PCT/EP2012/000092)
[87] (WO2012/110174)
[30] EP (11154663.6) 2011-02-16

[21] **2,822,119**
[13] A1
[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
[71] 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

[21] **2,822,120**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 11/00 (2006.01) C07D 213/81 (2006.01) C07D 213/82 (2006.01) C07D 217/22 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED 3-HETEROAROYLAMINO-PROPIONIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS**
[54] **DERIVES SUBSTITUES DE L'ACIDE 3-HETEROAROYLAMINO-PROPIONIQUE ET LEUR UTILISATION COMME COMPOSES PHARMACEUTIQUES**
[72] RUF, SVEN, DE
[72] SADOWSKI, THORSTEN, DE
[72] WIRTH, KLAUS, DE
[72] SCHREUDER, HERMAN, DE
[72] BUNING, CHRISTIAN, DE
[71] SANOFI, FR
[85] 2013-06-18
[86] 2012-01-26 (PCT/EP2012/051189)
[87] (WO2012/101197)
[30] EP (11305078.5) 2011-01-26

[21] **2,822,122**
[13] A1
[51] **Int.Cl. B29C 45/20 (2006.01)**
[25] EN
[54] **NOZZLE-TIP APPARATUS INCLUDING A NOZZLE-TIP BODY HAVING PRESSURE-RELIEF FEATURE**
[54] **APPAREIL DE POINTE DE BUSE COMPRENANT UN CORPS DE POINTE DE BUSE AYANT UN ELEMENT DE DECHARGE DE PRESSION**
[72] HAMMOND, GREGORY RAY, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-06-18
[86] 2012-01-05 (PCT/CA2012/050002)
[87] (WO2012/097452)
[30] US (61/434,458) 2011-01-20

[21] **2,822,139**
[13] A1
[51] **Int.Cl. A46B 9/04 (2006.01) A46B 3/00 (2006.01) A46B 9/06 (2006.01) A61C 17/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT POUR SOINS BUCCAUX**
[72] XI, WENJIN, CN
[72] LIU, YU, CN
[72] ZHOU, JIANRONG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-21 (PCT/CN2010/002108)
[87] (WO2012/083488)

[21] **2,822,140**
[13] A1
[51] **Int.Cl. A46B 7/06 (2006.01) A46B 9/04 (2006.01) A61C 17/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT POUR SOINS BUCCAUX**
[72] XI, WENJIN, CN
[72] LIU, YU, CN
[72] ZHOU, JIANRONG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-21 (PCT/CN2010/002109)
[87] (WO2012/083489)

[21] **2,822,141**
[13] A1
[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT POUR SOINS BUCCAUX**
[72] XI, WENJIN, CN
[72] LIU, YU, CN
[72] ZHOU, JIANRONG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-21 (PCT/CN2010/002110)
[87] (WO2012/083490)

[21] **2,822,142**
[13] A1
[51] **Int.Cl. A46B 5/00 (2006.01) A46D 3/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT POUR SOINS BUCCAUX**
[72] XI, WENJIN, CN
[72] LIU, YU, CN
[72] ZHOU, JIANRONG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-21 (PCT/CN2010/002111)
[87] (WO2012/083491)

[21] **2,822,152**
[13] A1
[51] **Int.Cl. E05B 65/32 (2006.01)**
[25] EN
[54] **LOCK HAVING A MODIFIED SPRING LIP FOR MOTOR VEHICLE DOORS**
[54] **SERRURE A LEVRE ELASTIQUE MODIFIEE POUR PORTES DE VEHICULE AUTOMOBILE**
[72] DRAGON, MAREK, DE
[72] GOTZEN, KLAUS, DE
[72] WALDMANN, THOMAS, DE
[71] KIEKERT AKTIENGESELLSCHAFT, DE
[85] 2013-06-18
[86] 2011-11-08 (PCT/DE2011/001951)
[87] (WO2012/065593)
[30] DE (20 2010 015 710.2) 2010-11-20

[21] **2,822,154**
[13] A1
[51] **Int.Cl. B65D 88/68 (2006.01)**
[25] EN
[54] **SILO DE-BRIDGING DEVICE**
[54] **DISPOSITIF DE DEVOUTAGE DE SILO**
[72] YU, HONGYAN, CN
[71] YU, HONGYAN, CN
[85] 2013-06-18
[86] 2010-12-22 (PCT/CN2010/080118)
[87] (WO2012/083531)

[21] **2,822,156**
[13] A1
[51] **Int.Cl. F16L 11/08 (2006.01)**
[25] EN
[54] **AN UNBONDED FLEXIBLE PIPE**
[54] **TUYAU SOUPLE NON COLLE**
[72] KASSOW, KRISTIAN, DK
[72] GLEJBOL, KRISTIAN, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2013-06-18
[86] 2012-01-03 (PCT/DK2012/050002)
[87] (WO2012/092931)
[30] DK (PA 2011 00010) 2011-01-06

[21] **2,822,157**
[13] A1
[51] **Int.Cl. C08F 8/00 (2006.01) A61K 6/083 (2006.01) C08F 8/46 (2006.01)**
[25] EN
[54] **POLYMER FOR A GLASS IONOMER CEMENT**
[54] **POLYMERE POUR UN CIMENT DE VERRE IONOMERE**
[72] KLEE, JOACHIM E., DE
[72] RITTER, HELMUT, DE
[72] MAIER, MAXIMILIAN, DE
[72] GANSEL, JULIA, DE
[72] FACHER, ANDREAS, CH
[72] ELSNER, OLIVER, DE
[72] POHLE, SVEN, DE
[71] DENTSPLY DETREY GMBH, DE
[85] 2013-06-18
[86] 2011-12-20 (PCT/EP2011/006446)
[87] (WO2012/084206)
[30] EP (10015981.3) 2010-12-22

[21] **2,822,159**
[13] A1
[51] **Int.Cl. G01G 23/01 (2006.01) B66C 13/16 (2006.01) A01G 23/00 (2006.01) B66C 23/36 (2006.01) G01G 19/14 (2006.01)**
[25] EN
[54] **METHOD IN THE CHECK WEIGHING OF A WEIGHING SYSTEM AND SOFTWARE PRODUCT AND ARRANGEMENT IN THE CHECK WEIGHING OF A WEIGHING SYSTEM AND MATERIALS HANDLING EQUIPMENT**
[54] **PROCEDE, PRODUIT LOGICIEL ET AGENCEMENT UTILISES DANS LE PESAGE DE CONTROLE D'UN SYSTEME DE PESAGE ET EQUIPEMENT DE MANUTENTION**
[72] HAVIMAKI, ESKO, FI
[71] PONSSE OYJ, FI
[85] 2013-06-18
[86] 2012-01-24 (PCT/FI2012/050058)
[87] (WO2012/101325)
[30] FI (20115087) 2011-01-28
[30] FI (20115480) 2011-05-18

[21] **2,822,161**
[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) A61K 31/713 (2006.01) A61K 47/18 (2006.01) A61K 48/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **SMALL MOLECULE CONJUGATES FOR INTRACELLULAR DELIVERY OF NUCLEIC ACIDS**
[54] **CONJUGUES DE PETITES MOLECULES POUR L'ADMINISTRATION INTRACELLULAIRE D'ACIDES NUCLEIQUES**
[72] HADWIGER, PHILIPP, DE
[72] HOFFMANN, TORSTEN, DE
[72] JAHN-HOFMANN, KERSTIN, DE
[72] KITAS, ERIC A., DE
[72] LEWIS, DAVID L., US
[72] MOHR, PETER, CH
[72] MUELLER, HANS MARTIN, DE
[72] OTT, GUENTHER, DE
[72] ROEHL, INGO, DE
[72] ROZEMA, DAVID B., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-18
[86] 2011-08-04 (PCT/EP2011/063436)
[87] (WO2012/089352)
[30] US (61/427,845) 2010-12-29

[21] **2,822,162**
[13] A1
[51] **Int.Cl. B65D 77/20 (2006.01) B29C 45/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A PACKAGE**
[54] **PROCEDE POUR FABRIQUER UN BOITIER**
[72] NABER, WILHELMUS CORNELIS MARIA, NL
[71] NABER BEHEER B.V., NL
[85] 2013-06-18
[86] 2011-12-20 (PCT/NL2011/000082)
[87] (WO2012/087114)
[30] NL (1038469) 2010-12-22

[21] **2,822,164**
[13] A1
[51] **Int.Cl. C02F 1/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING PROCESS WATER**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT D'EAU DE PROCESSUS**
[72] HECKMANN, HADO, AT
[72] SCHMIDT, ULRIKE, AT
[72] MILLNER, ROBERT, AT
[72] WURM, JOHANN, AT
[72] GSTOETTENMAYR, ALOIS, AT
[72] LUKSCHANDER, KURT, AT
[72] SIEGL, HELMUT, AT
[71] SIEMENS VAI METALS TECHNOLOGIES GMBH, AT
[85] 2013-06-18
[86] 2011-12-06 (PCT/EP2011/071851)
[87] (WO2012/084480)
[30] AT (A 2094/2010) 2010-12-20

[21] **2,822,166**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4192 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **INDAZOLYL TRIAZOLE DERIVATIVES AS IRAK INHIBITORS**
[54] **DERIVES D'INDAZOLYL TRIAZOLE EN TANT QU'INHIBITEURS D'IRAK**
[72] JORAND-LEBRUN, CATHERINE, FR
[72] CROSIGNANI, STEFANO, FR
[72] DORBAIS, JEROME, FR
[72] GRIPPI-VALLOTTON, TANIA, CH
[72] PRETRE, ADELINE, FR
[71] MERCK SERONO S.A., CH
[85] 2013-06-18
[86] 2011-12-16 (PCT/EP2011/073015)
[87] (WO2012/084704)
[30] US (61/424,890) 2010-12-20
[30] EP (10195867.6) 2010-12-20

[21] **2,822,168**
[13] A1
[51] **Int.Cl. H01F 1/24 (2006.01) B22F 1/02 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **SOFT MAGNETIC POWDER**
[54] **POUDRE MAGNETIQUE DOUCE**
[72] YE, ZHOU, SE
[72] PERSSON, HANNA, SE
[71] HOGANAS AB, SE
[85] 2013-06-18
[86] 2011-12-19 (PCT/EP2011/073212)
[87] (WO2012/084801)
[30] DK (PA 2010 70587) 2010-12-23
[30] US (61/436,725) 2011-01-27

[21] **2,822,170**
[13] A1
[51] **Int.Cl. A61L 15/46 (2006.01) A61L 24/00 (2006.01) A61L 27/54 (2006.01) A61L 28/00 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL MEDICINAL PRODUCT AND METHOD FOR PRODUCING SAME**
[54] **DISPOSITIF MEDICAL ANTIBACTERIEN ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF**
[72] COLMENARES MORA, CARMEN LEONOR, CH
[72] MUELLER, ARND, CH
[72] JANSSEN, ALBERT PETER GERHARD, CH
[71] OERLIKON TRADING AG, TRUBBACH, CH
[85] 2013-06-18
[86] 2011-05-16 (PCT/EP2011/002405)
[87] (WO2012/003899)
[30] US (61/362,888) 2010-07-09

[21] **2,822,173**
[13] A1
[51] **Int.Cl. B29C 65/02 (2006.01) B29C 65/82 (2006.01) G01B 11/06 (2006.01) G01B 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR ENSURING THE QUALITY OF WELDED PLASTICS COMPONENTS**
[54] **PROCEDE DE CONTROLE DE LA QUALITE DE COMPOSANTS PLASTIQUES SOUDES**
[72] HEPP, FRANZ, DE
[71] BIELOMATIK LEUZE GMBH + CO. KG, DE
[85] 2013-06-18
[86] 2011-12-21 (PCT/EP2011/073658)
[87] (WO2012/085131)
[30] DE (10 2010 055 294.1) 2010-12-21

[21] **2,822,176**
[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) C12N 15/11 (2006.01) A61K 31/713 (2006.01) A61K 47/18 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **SMALL MOLECULE CONJUGATES FOR INTRACELLULAR DELIVERY OF BIOLOGICALLY ACTIVE COMPOUNDS**
[54] **CONJUGUES A PETITE MOLECULE POUR LA DELIVRANCE INTRACELLULAIRE DE COMPOSES BIOLOGIQUEMENT ACTIFS**
[72] HADWIGER, PHILIPP, DE
[72] HOFFMANN, TORSTEN, DE
[72] JAHN-HOFMANN, KERSTIN, DE
[72] KITAS, ERIC A., CH
[72] LEWIS, DAVID L., US
[72] MOHR, PETER, CH
[72] MUELLER, HANS MARTIN, DE
[72] OTT, GUENTHER, DE
[72] ROEHL, INGO, DE
[72] ROZEMA, DAVID B., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-18
[86] 2011-12-22 (PCT/EP2011/073718)
[87] (WO2012/089602)
[30] US (61/427,845) 2010-12-29

[21] **2,822,177**
[13] A1
[51] **Int.Cl. A61K 47/40 (2006.01) A61K 9/14 (2006.01) A61K 47/32 (2006.01) A61P 35/00 (2006.01) A61K 31/704 (2006.01)**
[25] EN
[54] **NANOPARTICLES LOADED WITH CHEMOTHERAPEUTIC ANTITUMORAL DRUG**
[54] **NANOPARTICULES CHARGEES D'UN MEDICAMENT ANTITUMORAL CHIMIOTHERAPIQUE**
[72] PISANI, EMILIA, FR
[72] LEBEL-BINAY, SOPHIE, FR
[72] POLARD, VALERIE, FR
[71] BIOALLIANCE PHARMA, FR
[85] 2013-06-18
[86] 2012-03-30 (PCT/EP2012/055756)
[87] (WO2012/131018)
[30] EP (11305364.9) 2011-03-31

[21] **2,822,180**
[13] A1
[51] **Int.Cl. G01C 15/00 (2006.01)**
[25] EN
[54] **MEASURING APPLIANCE COMPRISING A DYNAMIC SIGHTING FUNCTIONALITY AND ASSOCIATED METHOD**
[54] **APPAREIL DE MESURE AYANT UNE FONCTIONNALITE DE CIBLAGE DYNAMIQUE ET PROCEDE ASSOCIE**
[72] SCHORR, CHRISTIAN, CH
[72] SCHROEDER, FRANK, CH
[71] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-18
[86] 2012-01-10 (PCT/EP2012/050300)
[87] (WO2012/095415)
[30] EP (11150580.6) 2011-01-11

[21] **2,822,181**
[13] A1
[51] **Int.Cl. A01J 5/017 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROTECTING AN OPTICAL DETECTION DEVICE FROM CONTAMINATION**
[54] **PROCEDE ET DISPOSITIF DE PROTECTION D'UN DISPOSITIF DE DETECTION OPTIQUE CONTRE UNE CONTAMINATION**
[72] ANDERSSON, JAN-ERIK, SE
[72] HALLSTROM, ANDERS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2013-06-18
[86] 2011-12-20 (PCT/SE2011/051543)
[87] (WO2012/087233)
[30] SE (1051370-3) 2010-12-22
[30] US (61/426,182) 2010-12-22

[21] **2,822,182**
[13] A1
[51] **Int.Cl. A61K 36/31 (2006.01) A23L 1/30 (2006.01) A61K 8/97 (2006.01) A61P 9/00 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] FR
[54] **EXTRACT OF AERIAL PARTS OF MACA RICH IN POLYPHENOLS AND COMPOSITION COMPRISING SAME**
[54] **EXTRAIT DE PARTIES AERIENNES DE MACA RICHE EN POLYPHENOLS ET COMPOSITION LE COMPRENANT**
[72] SAUNOIS, ALEX, FR
[72] BAUDOUIN, CAROLINE, FR
[72] LECLERE-BIENFAIT, SOPHIE, FR
[72] GARNIER, SEBASTIEN, FR
[72] MSIKA, PHILIPPE, FR
[71] LABORATOIRES EXPANSCIENCE, FR
[85] 2013-06-18
[86] 2011-12-22 (PCT/EP2011/073834)
[87] (WO2012/085226)
[30] FR (1061047) 2010-12-22

[21] **2,822,183**
[13] A1
[51] **Int.Cl. A01J 5/04 (2006.01)**
[25] EN
[54] **MILK SAMPLING**
[54] **ECHANTILLONNAGE DE LAIT**
[72] GUDMUNDSSON, MATS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2013-06-18
[86] 2011-12-20 (PCT/SE2011/051546)
[87] (WO2012/087235)
[30] GB (1021826.1) 2010-12-21
[30] US (61/426,120) 2010-12-22

[21] **2,822,184**
[13] A1
[51] **Int.Cl. B23Q 5/32 (2006.01) B23Q 5/22 (2006.01)**
[25] FR
[54] **HANDHELD MACHINING DEVICE, PARTICULARLY FOR BORING**
[54] **DISPOSITIF PORTATIF D'USINAGE, PLUS PARTICULIEREMENT DE PERCAGE**
[72] GUERIN, SYLVAIN, FR
[71] GUERIN, SYLVAIN, FR
[85] 2013-06-18
[86] 2011-12-29 (PCT/FR2011/000681)
[87] (WO2012/089936)
[30] FR (10/05188) 2010-12-30

[21] **2,822,186**
[13] A1
[51] **Int.Cl. C21D 7/06 (2006.01) B82Y 40/00 (2011.01)**
[25] FR
[54] **SURFACE TREATMENT OF A METAL PART BY OBLIQUE SHOT PEENING**
[54] **TRAITEMENT DE SURFACE D'UNE PIECE METALLIQUE PAR GRENAILLAGE OBLIQUE**
[72] PREZEAU, TONY, FR
[72] MULLER, TEDDY, FR
[72] SAMUEL, JOAN, FR
[71] WINOA, FR
[85] 2013-06-18
[86] 2011-12-29 (PCT/FR2011/053210)
[87] (WO2012/089989)
[30] FR (1061373) 2010-12-30

[21] **2,822,188**
[13] A1
[51] **Int.Cl. C07D 305/08 (2006.01) A61K 31/337 (2006.01) A61P 13/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NEW BIARYL AMIDE DERIVATIVES**
[54] **NOUVEAUX DERIVES DE BIARYLAMIDE**
[72] AEBI, JOHANNES, CH
[72] BINGGELI, ALFRED, CH
[72] HERTEL, CORNELIA, CH
[72] KONKAR, ANISH ASHOK, CH
[72] KUEHNE, HOLGER, DE
[72] KUHN, BERND, CH
[72] MAERKI, HANS P., CH
[72] WANG, HAIYAN, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-18
[86] 2011-12-22 (PCT/EP2011/073717)
[87] (WO2012/089601)
[30] EP (10197030.9) 2010-12-27

[21] **2,822,195**
[13] A1
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 4/96 (2006.01)**
[25] EN
[54] **VACUUM CHAMBER METHOD TO FORM POLYMER COATINGS ON POROUS SUPPORT**
[54] **PROCEDE DE CHAMBRE A VIDE POUR FORMER DES REVETEMENTS POLYMERES SUR UN SUPPORT POREUX**
[72] BARBER, JOHN, US
[72] YANG, HAI, US
[72] LU, SU, US
[72] MACDONALD, RUSSELL JAMES, US
[72] DENG, ZHIGANG, US
[72] GAO, XIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-06-18
[86] 2010-12-31 (PCT/CN2010/002227)
[87] (WO2012/088643)

[21] **2,822,196**
[13] A1
[51] **Int.Cl. C01D 15/02 (2006.01)**
[25] EN
[54] **DUST-FREE GRADE LITHIUM HYDROXIDE MONOHYDRATE AND ITS PREPARATION METHOD**
[54] **MONOHYDRATE D'HYDROXYDE DE LITHIUM EXEMPT DE POUSSIERE, ET SON PROCEDE DE PREPARATION**
[72] YAO, KAILIN, CN
[72] JIN, PENG, CN
[72] HUO, LIMING, CN
[72] HE, DONGLI, CN
[72] HE, KAIMAO, CN
[72] PENG, ZONGHUI, CN
[72] TU, MINGJIANG, CN
[72] YANG, LIU, CN
[72] JIANG, HUCHENG, CN
[71] SICHUAN TIANQI LITHIUM INDUSTRIES, INC., CN
[85] 2013-06-17
[86] 2011-07-08 (PCT/CN2011/076973)
[87] (WO2012/083677)
[30] CN (201010602894.3) 2010-12-23

[21] **2,822,197**
[13] A1
[51] **Int.Cl. G01N 27/64 (2006.01)**
[25] EN
[54] **SAMPLING DEVICE FOR ION MIGRATION SPECTROMETER AND METHOD FOR USING THE SAME, AND ION MIGRATION SPECTROMETER**
[54] **DISPOSITIF D'INTRODUCTION D'ECHANTILLON POUR SPECTROMETRE DE MOBILITE IONIQUE, PROCEDE UTILISANT CE DISPOSITIF ET SPECTROMETRE DE MOBILITE IONIQUE**
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] PENG, HUA, CN
[72] ZHANG, ZHONGXIA, CN
[72] XUE, XIN, CN
[72] WANG, YAOXIN, CN
[72] LIN, JIN, CN
[72] YANG, XIAOHUI, CN
[71] NUCTECH COMPANY LIMITED, CN
[85] 2013-06-18
[86] 2011-05-04 (PCT/CN2011/073629)
[87] (WO2012/088813)
[30] CN (201010624253.8) 2010-12-31

[21] **2,822,198**
[13] A1
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **PORTABLE URINATION DEVICE**
[54] **DISPOSITIF DE MICTION PORTATIF**
[72] YANG, KUOHUANG, CN
[71] YANG, KUOHUANG, CN
[85] 2013-06-18
[86] 2011-08-26 (PCT/CN2011/001437)
[87] (WO2012/083581)
[30] CN (201010596102.6) 2010-12-20

[21] **2,822,199**
[13] A1
[51] **Int.Cl. F24F 7/007 (2006.01) F04D 25/08 (2006.01) F04D 29/68 (2006.01) F24F 13/26 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **BLADELESS CEILING FAN**
[54] **VENTILATEUR DE PLAFOND SANS PALE**
[72] NICOLAS, FREDERIC, GB
[72] DAVIS, ALAN, GB
[72] MACDONALD, JAMES, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2013-06-18
[86] 2011-11-25 (PCT/GB2011/052329)
[87] (WO2012/085528)
[30] GB (1021911.1) 2010-12-23

[21] **2,822,200**
[13] A1
[51] **Int.Cl. C23F 13/04 (2006.01) C23F 13/22 (2006.01) G01N 17/02 (2006.01)**
[25] EN
[54] **IMPRESSED CURRENT CATHODIC PROTECTION**
[54] **PROTECTION CATHODIQUE PAR COURANT IMPOSE**
[72] ROGACHEVA, ALEXANDRA VASIL'EVNA, GB
[72] HUDSON, STEVEN, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2013-06-18
[86] 2011-12-06 (PCT/GB2011/001689)
[87] (WO2012/085493)
[30] GB (GB1021754.5) 2010-12-20

[21] **2,822,201**
[13] A1
[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **MOUNTING FOR UNDERWATER TURBINE**
[54] **INSTALLATION D'UNE TURBINE SOUS-MARINE**
[72] TODMAN, MICHAEL TORR, GB
[72] ARMSTRONG, JOHN RICHARD CAREW, GB
[71] TIDALSTREAM LIMITED, GB
[85] 2013-06-18
[86] 2011-12-20 (PCT/GB2011/052529)
[87] (WO2012/085558)
[30] GB (1021858.4) 2010-12-23
[30] GB (1107010.9) 2011-04-27

[21] **2,822,202**
[13] A1
[51] **Int.Cl. H01L 33/64 (2010.01) F21K 99/00 (2010.01) F21V 29/00 (2006.01) H01L 27/15 (2006.01)**
[25] EN
[54] **FLUID COOLED LIGHTING ELEMENT**
[54] **ELEMENT D'ECLAIRAGE REFROIDI PAR FLUIDE**
[72] DEROSE, ANTHONY, CA
[71] DEROSE, ANTHONY, CA
[85] 2013-06-18
[86] 2011-12-20 (PCT/IB2011/003261)
[87] (WO2012/085669)
[30] US (61/425,737) 2010-12-21

[21] **2,822,203**
[13] A1
[51] **Int.Cl. B65D 25/04 (2006.01) A47K 1/09 (2006.01) A61B 19/02 (2006.01) A61C 19/02 (2006.01) B25H 3/00 (2006.01) B65D 43/18 (2006.01) B65D 47/08 (2006.01) B65D 81/26 (2006.01) B65D 83/02 (2006.01)**
[25] EN
[54] **PACKAGE OF ORAL CARE IMPLEMENTS AND METHOD OF USING THE SAME**
[54] **EMBALLAGE D'ACCESSOIRES DE SOINS ORAUX ET SON PROCEDE D'UTILISATION**
[72] HOHLBEIN, DOUGLAS, US
[72] SORRENTINO, ALAN, US
[72] KEMP, JAMES, US
[72] FINK, EMILY, US
[72] LEE, DAVID, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-22 (PCT/US2010/061878)
[87] (WO2012/087316)

[21] **2,822,204**
[13] A1
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **POLYMER SYSTEMS**
[54] **SYSTEMES DE POLYMERES**
[72] D'AMBROGIO, ROBERT, US
[72] DILLON, RENSL, US
[72] VISCIO, DAVID B., US
[72] MASTERS, JAMES G., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-23 (PCT/US2010/061961)
[87] (WO2012/087327)

[21] **2,822,205**
[13] A1
[51] **Int.Cl. C21C 5/38 (2006.01) C21C 5/40 (2006.01) C22B 1/14 (2006.01) C22B 1/20 (2006.01) C22B 1/24 (2006.01) C22B 1/243 (2006.01) C22B 1/244 (2006.01) C22B 7/00 (2006.01) C22B 7/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECYCLING STEELMAKING CONVERTER EXHAUST RESIDUE AND PRODUCTS MADE THEREBY**
[54] **SYSTEMES ET PROCEDES DE RECYCLAGE DES RESIDUS DE FUMEES DE CONVERTISSEUR D'ACIERIE ET PRODUITS AINSI OBTENUS**
[72] GOMES, GUILHERME SANTANA LOPES, BR
[72] DOS SANTOS, VICTOR LOUREIRO, BR
[71] GOMES, GUILHERME SANTANA LOPES, BR
[71] DOS SANTOS, VICTOR LOUREIRO, BR
[85] 2013-06-18
[86] 2011-12-30 (PCT/IB2011/003182)
[87] (WO2012/093280)
[30] US (12/984,409) 2011-01-04

[21] **2,822,206**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **NON-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE NON ORIENTE ET SON PROCEDE DE FABRICATION**
[72] KOHNO, MASAAKI, JP
[72] ZAIZEN, YOSHIAKI, JP
[72] ODA, YOSHIHIKO, JP
[72] FUJITA, AKIRA, JP
[71] JFE STEEL CORPORATION, JP
[85] 2013-06-18
[86] 2011-02-24 (PCT/JP2011/001074)
[87] (WO2012/114383)

[21] **2,822,207**
[13] A1
[51] **Int.Cl. A61K 31/5395 (2006.01) A61K 31/357 (2006.01) A61K 31/505 (2006.01) A61K 31/54 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **OXIDOSQUALENE CYCLASE AS A PROTEIN TARGET FOR ANTICANCER THERAPEUTICS**
[54] **OXYDOSQUALENE CYCLASE EN TANT QUE CIBLE PROTEIQUE POUR DES PRODUITS THERAPEUTIQUES ANTICANCEREUX**
[72] ZOU, XIAOQING, US
[72] HYDER, SALMAN M., US
[72] LIANG, YAYUN, US
[72] GRINTER, SAM Z, US
[72] HUANG, SHENGYOU, US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[85] 2013-06-18
[86] 2011-12-22 (PCT/US2011/066797)
[87] (WO2012/092114)
[30] US (61/460,167) 2010-12-27
[30] US (61/628,324) 2011-10-28

[21] **2,822,208**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/30 (2006.01) A61K 47/34 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **TRIGGERED POLYMER VISCOUS PILL AND METHODS OF USING THE SAME**
[54] **PILULE POLYMERE VISQUEUSE DU TYPE A DECLENCHEMENT ET SES PROCEDES D'UTILISATION**
[72] MIRAKYAN, ANDREY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-06-18
[86] 2011-12-20 (PCT/IB2011/055833)
[87] (WO2012/085847)
[30] US (12/976,395) 2010-12-22

[21] **2,822,209**
[13] A1
[51] **Int.Cl. H04M 1/60 (2006.01) H04M 9/00 (2006.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR SECURED ACCESS TO GATED AREAS**
[54] **PROCEDE, DISPOSITIF, ET SYSTEME PERMETTANT UN ACCES SECURISE A DES ZONES A GRILLE**
[72] HAREL, ZION, IL
[72] WEINER, AVISH JACOB, IL
[71] MOBYDOM LTD., IL
[85] 2013-06-18
[86] 2011-11-01 (PCT/IL2011/000846)
[87] (WO2012/085903)
[30] US (12/973,731) 2010-12-20

[21] **2,822,211**
[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADVANCED WELL ACCESS TO SUBTERRANEAN FORMATIONS**
[54] **SYSTEMES ET PROCEDES POUR ACCES A DES FORMATIONS SOUTERRAINES PAR PUITS AVANCE**
[72] DALE, BRUCE A., US
[72] ENTCHEV, PAVLIN B., US
[72] KELLER, STUART R., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-06-18
[86] 2011-11-11 (PCT/US2011/060403)
[87] (WO2012/106020)
[30] US (61/438,099) 2011-01-31

[21] **2,822,212**
[13] A1
[51] **Int.Cl. B29C 71/02 (2006.01) E06B 3/72 (2006.01) E06B 3/78 (2006.01)**
[25] EN
[54] **METHOD OF MAKING ANNEALED DOOR SKINS AND COMPOSITE DOOR ASSEMBLIES, AND RELATED ARTICLES**
[54] **PROCEDE DE FABRICATION DE PEAUX DE PORTES RECUITES ET D'ENSEMBLES PORTES COMPOSITES, ET ARTICLES ASSOCIES**
[72] PFAU, JAMES, US
[72] XU, LIQUN, US
[72] BRYANT, JAMES, US
[72] EXCONDE, ELIZALDE, US
[71] MASONITE CORPORATION, US
[85] 2013-06-18
[86] 2011-12-22 (PCT/US2011/066829)
[87] (WO2012/088407)
[30] US (61/425,857) 2010-12-22

[21] **2,822,213**
[13] A1
[51] **Int.Cl. C07C 39/21 (2006.01) A61K 31/05 (2006.01) A61K 31/365 (2006.01) A61P 3/04 (2006.01) C07D 305/12 (2006.01)**
[25] EN
[54] **COMBINATION AND COMPOSITION FOR TREATING OBESITY**
[54] **COMBINAISON ET COMPOSITION POUR LE TRAITEMENT DE L'OBESITE**
[72] SENOSIAIN PELAEZ, JUAN PABLO, MX
[72] BARRANCO HERNANDEZ, GUSTAVO, MX
[72] GARCIA SALGADO LOPEZ, RAUL, MX
[71] LABORATORIOS SENOSIAIN S.A. DE C.V., MX
[85] 2013-06-18
[86] 2011-12-16 (PCT/IB2011/055723)
[87] (WO2012/085785)
[30] MX (MX/a/2010/014484) 2010-12-21

[21] **2,822,214**
[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01) G06Q 30/02 (2012.01) G06K 9/18 (2006.01)**
[25] EN
[54] **MATRIX CODE-BASED USER INTERFACE**
[54] **INTERFACE UTILISATEUR FONDEE SUR UN CODE MATRICIEL**
[72] GERHARDS, KEITH, US
[72] MINNICK, DAN J., US
[72] KILARU, KRANTI, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-06-18
[86] 2011-11-17 (PCT/US2011/061211)
[87] (WO2012/087461)
[30] US (12/973,431) 2010-12-20

[21] **2,822,216**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/58 (2006.01) G01N 33/62 (2006.01) G01N 33/64 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **MEANS AND METHOD FOR PREDICTING DIABETES**
[54] **MOYEN ET METHODE DE PREDICTION DU DIABETE**
[72] WIEMER, JAN, DE
[72] REIN, DIETRICH, DE
[72] PADBERG, INKEN, DE
[72] SCHMITZ, OLIVER, DE
[72] LIEBENBERG, VOLKER, DE
[72] NIKIFOROVA, VIKTORIA, DE
[71] METANOMICS HEALTH GMBH, DE
[85] 2013-06-18
[86] 2011-12-23 (PCT/IB2011/055935)
[87] (WO2012/085890)
[30] EP (10196869.1) 2010-12-23
[30] US (61/426,549) 2010-12-23

[21] **2,822,218**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR SPORTING EVENT BETTING**
[54] **PROCEDE ET SYSTEME DE PARI SUR DES MANIFESTATIONS SPORTIVES**
[72] SCHROTTER, FLORIAN, AT
[72] KAIBLINGER, HARALD, AT
[71] NOVOMATIC AG, AT
[85] 2013-06-18
[86] 2012-01-16 (PCT/IB2012/050195)
[87] (WO2012/095830)
[30] US (13/007,648) 2011-01-16

[21] **2,822,219**
[13] A1
[51] **Int.Cl. A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **METHODS FOR DECREASING THE INCIDENCE OF NECROTIZING ENTEROCOLITIS IN INFANTS, TODDLERS, OR CHILDREN USING HUMAN MILK OLIGOSACCHARIDES**
[54] **METHODES VISANT A DIMINUER LA FREQUENCE DE L'ENTEROCOLITE NECROSANTE CHEZ LES NOURRISSONS, LES JEUNES ENFANTS OU LES ENFANTS A L'AIDE D'OLIGOSACCHARIDES DU LAIT HUMAIN**
[72] CHOW, JOMAY, US
[72] DAVIS, STEVEN R., US
[72] BUCK, RACHAEL, US
[72] DUSKA-MCEWEN, GERALYN O., US
[72] LINKE, HAWLEY K., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-18
[86] 2011-12-22 (PCT/US2011/067018)
[87] (WO2012/092156)
[30] US (61/428,863) 2010-12-31
[30] US (61/428,868) 2010-12-31

[21] **2,822,220**
[13] A1
[51] **Int.Cl. A61K 31/16 (2006.01) A61K 9/107 (2006.01) A61K 31/167 (2006.01) A61K 31/216 (2006.01) A61K 31/24 (2006.01) A61K 31/245 (2006.01) A61K 47/30 (2006.01) A61P 23/02 (2006.01)**
[25] EN
[54] **SOLID-FORMING LOCAL ANESTHETIC FORMULATIONS FOR PAIN CONTROL**
[54] **FORMULATIONS POUR ANESTHESIE LOCALE SE SOLIDIFIANT POUR LA GESTION DE LA DOULEUR**
[72] NIU, SUYI, US
[72] HULL, WADE, US
[72] ZHANG, JIE, US
[71] NUVO RESEARCH INC., CA
[85] 2013-06-18
[86] 2011-01-14 (PCT/US2011/021318)
[87] (WO2011/088333)
[30] US (61/294,927) 2010-01-14

[21] **2,822,221**
[13] A1
[51] **Int.Cl. G01G 19/387 (2006.01) G01G 11/18 (2006.01)**
[25] EN
[54] **COMBINATION WEIGHER**
[54] **BALANCE DE COMBINAISON**
[72] KOSAKA, TAICHI, JP
[71] YAMATO SCALE CO., LTD., JP
[85] 2013-06-18
[86] 2011-06-02 (PCT/JP2011/003116)
[87] (WO2012/104931)
[30] JP (2011-019844) 2011-02-01

[21] **2,822,222**
[13] A1
[51] **Int.Cl. A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **HUMAN MILK OLIGOSACCHARIDES FOR MODULATING INFLAMMATION**
[54] **OLIGOSACCHARIDES DE LAIT HUMAIN POUR MODULER L' INFLAMMATION**
[72] BUCK, RACHAEL, US
[72] DUSKA-MCEWEN, GERALYN O., US
[72] SCHALLER, JOSEPH P., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-18
[86] 2011-12-22 (PCT/US2011/067027)
[87] (WO2012/092158)
[30] US (61/428,860) 2010-12-31

[21] **2,822,223**
[13] A1
[51] **Int.Cl. A61F 7/02 (2006.01) A61F 7/08 (2006.01)**
[25] EN
[54] **REINFORCED THERAPEUTIC WRAP AND METHOD**
[54] **ENVELOPPE THERAPEUTIQUE RENFORCEE ET PROCEDE CORRESPONDANT**
[72] LOWE, MARK H., US
[72] BOWMAN, KRISTER, US
[71] COOLSYSTEMS, INC., US
[85] 2013-06-18
[86] 2011-08-25 (PCT/US2011/049066)
[87] (WO2012/091759)
[30] US (12/982,266) 2010-12-30

[21] **2,822,224**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **DEVICE FOR PROVIDING INFORMATION, METHOD FOR PROVIDING INFORMATION, PROGRAM FOR PROVIDING INFORMATION, AND COMPUTER-READABLE RECORDING MEDIUM STORING PROGRAM FOR SAME**
[54] **DISPOSITIF DE FOURNITURE D'INFORMATIONS, PROCEDE DE FOURNITURE D'INFORMATIONS, PROGRAMME DE FOURNITURE D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR STOCKANT UN PROGRAMME ASSOCIE**
[72] KATAGIRI, YOKO, JP
[71] RAKUTEN, INC., JP
[85] 2013-06-18
[86] 2012-02-27 (PCT/JP2012/054829)
[87] (WO2013/018392)
[30] JP (2011-167305) 2011-07-29

[21] **2,822,225**
[13] A1
[51] **Int.Cl. C02F 1/469 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWER CHARGING OR DISCHARGING**
[54] **SYSTEME ET PROCEDE DE CHARGEMENT OU DE DECHARGEMENT DE COURANT**
[72] HU, MIN, US
[72] LIU, YUNFENG, US
[72] YANG, HAI, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-06-18
[86] 2011-12-07 (PCT/US2011/063655)
[87] (WO2012/091866)
[30] CN (201010611316.6) 2010-12-28

[21] **2,822,226**
[13] A1
[51] **Int.Cl. H01M 10/04 (2006.01) H01M 4/13 (2010.01) H01M 4/139 (2010.01) H01M 4/04 (2006.01)**
[25] EN
[54] **SEMULTANEOUS POLYMERIZATION OF TWO VINYL MONOMER MIXTURES TO OPPOSITE FACES OF A FLAT POROUS SUBTRATE**
[54] **POLYMERISATION SIMULTANEE DE DEUX MELANGES DE MONOMERE VINYLIQUE SUR LES FACES OPPOSEES D'UN SUBSTRAT POREUX PLAT**
[72] MACDONALD, RUSSELL JAMES, US
[72] ZHENG, LIPING, US
[72] BARBER, JOHN, US
[72] YANG, HAI, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-06-18
[86] 2011-12-07 (PCT/US2011/063703)
[87] (WO2012/091870)
[30] US (12/981,595) 2010-12-30

[21] **2,822,227**
[13] A1
[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/21 (2006.01) A61K 8/73 (2006.01) A61K 9/00 (2006.01) A61K 47/02 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **FLUID COMPOSITIONS COMPRISING A STRUCTURING AGENT**
[54] **COMPOSITIONS LIQUIDES COMPRENANT UN AGENT STRUCTURANT**
[72] PIMENTA, PALOMA, US
[72] NESTA, JASON, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-23 (PCT/US2010/061960)
[87] (WO2012/087326)

[21] **2,822,230**
[13] A1
[51] **Int.Cl. C04B 28/14 (2006.01)**
[25] EN
[54] **SET ACCELERATOR FOR GYPSUM HYDRATION**
[54] **ACCELERATEUR DE PRISE POUR L'HYDRATATION DU GYPSE**
[72] VEERAMASUNENI, SRINIVAS, US
[72] YU, QIANG, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2013-06-18
[86] 2011-12-09 (PCT/US2011/064118)
[87] (WO2012/087608)
[30] US (12/976,190) 2010-12-22

[21] **2,822,232**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **A DRUG ELUTING PATCH FOR THE TREATMENT OF LOCALIZED TISSUE DISEASE OR DEFECT**
[54] **TIMBRE A ELUTION DE MEDICAMENT POUR LE TRAITEMENT D'UNE MALADIE TISSULAIRE LOCALISEE OU D'UN DEFAUT DE TISSU LOCALISE**
[72] MATHENY, ROBERT G., US
[71] CORMATRIX CARDIOVASCULAR, INC., US
[85] 2013-06-18
[86] 2011-12-09 (PCT/US2011/064115)
[87] (WO2012/087606)
[30] US (61/425,172) 2010-12-20

[21] **2,822,234**
[13] A1
[51] **Int.Cl. E06B 9/326 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONFINING LIFT CORDS IN COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **SYSTEME POUR ENFERMER DES CORDONS DE TIRAGE DANS DES PAREMENTS POUR DES OUVERTURES ARCHITECTURALES**
[72] ANTHONY, JAMES M., US
[72] JELIC, RALPH G., US
[72] KOVACH, JOSEPH E., US
[72] SIMONS, ROBERT A., US
[71] HUNTER DOUGLAS INC., US
[85] 2013-06-18
[86] 2010-12-22 (PCT/US2010/061918)
[87] (WO2012/087321)

[21] **2,822,238**
[13] A1
[51] **Int.Cl. E04B 9/04 (2006.01)**
[25] EN
[54] **CAST CEILING TILE**
[54] **CARREAU DE PLAFOND COULE**
[72] YU, QING CLAIRE, US
[72] CAO, BANGJI, US
[72] PALM, GREGORY O., US
[71] USG INTERIORS, LLC, US
[85] 2013-06-18
[86] 2011-12-09 (PCT/US2011/064124)
[87] (WO2012/087610)
[30] US (12/975,574) 2010-12-22

[21] **2,822,239**
[13] A1
[51] **Int.Cl. A45D 34/04 (2006.01) B05B 7/00 (2006.01)**
[25] EN
[54] **COSMETIC AIRBRUSH SYSTEM**
[54] **SYSTEME D'AEROGRAPHE POUR PRODUITS DE BEAUTE**
[72] SPIEGEL, PETER, US
[72] TAN, JONATHAN, US
[71] SPIEGEL, PETER, US
[71] TAN, JONATHAN, US
[85] 2013-06-18
[86] 2011-09-21 (PCT/US2011/052446)
[87] (WO2012/040260)
[30] US (61/384,920) 2010-09-21

[21] **2,822,242**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/02 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **CONNECTION ASSEMBLY FOR THROUGH TUBING CONVEYED SUBMERSIBLE PUMPS**
[54] **ENSEMBLE DE RACCORDEMENT POUR POMPES SUBMERSIBLES TRANSPORTEES A TRAVERS DES TUBULURES**
[72] TETZLAFF, STEVEN K., US
[72] ROBINSON, LANCE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-18
[86] 2011-11-18 (PCT/US2011/061317)
[87] (WO2012/087465)
[30] US (61/424,937) 2010-12-20
[30] US (13/297,979) 2011-11-16

[21] **2,822,244**
[13] A1
[51] **Int.Cl. A61B 5/103 (2006.01)**
[25] EN
[54] **MOBILE POSTURAL SCREENING METHOD AND SYSTEM**
[54] **SYSTEME ET PROCEDE DE CRIBLAGE POSTURAL MOBILE**
[72] FERRANTELLI, JOSEPH R., US
[71] FERRANTELLI, JOSEPH R., US
[85] 2013-06-18
[86] 2011-12-23 (PCT/US2011/067111)
[87] (WO2012/092167)
[30] US (61/427,286) 2010-12-27

[21] **2,822,247**
[13] A1
[51] **Int.Cl. C12M 1/107 (2006.01) C12P 5/00 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR THE METHANATION OF BIOMASS**
[54] **PROCEDE ET INSTALLATION POUR LA METHANISATION DE LA BIOMASSE**
[72] HEMPEL, CARSTEN, DE
[72] JAROSCHEK, OLIVER, DE
[71] SCHMACK BIOGAS GMBH, DE
[85] 2013-06-19
[86] 2011-12-10 (PCT/EP2011/006238)
[87] (WO2012/079735)
[30] DE (10 2010 054 676.3) 2010-12-15

[21] **2,822,248**
[13] A1
[51] **Int.Cl. A47B 67/02 (2006.01) A47B 67/04 (2006.01) A61G 12/00 (2006.01) F25D 11/00 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **RFID ENABLED DRAWER REFRIGERATION SYSTEM**
[54] **SYSTEME DE REFRIGERATION DE TIROIRS A ACTIVATION RFID**
[72] HUSSAIN, SHARIQ, US
[72] ELIZONDO, PAUL M., US
[72] GOLDE, TIMOTHY, US
[72] CAPUTO, JIMMY, US
[71] MEPS REAL-TIME, INC., US
[85] 2013-06-18
[86] 2011-12-02 (PCT/US2011/063162)
[87] (WO2012/075449)
[30] US (61/419,762) 2010-12-03

[21] **2,822,249**
[13] A1
[51] **Int.Cl. G05D 11/13 (2006.01)**
[25] EN
[54] **CONTINUOUS MANUFACTURING SYSTEM**
[54] **SYSTEME DE FABRICATION EN CONTINU**
[72] HOGAN, JOHN PATRICK, US
[72] MISNER, H. STEVEN, US
[72] WISNIEWSKI, PETER, US
[72] EVANS, TAMMY, US
[72] FLANDERS, SHAWN, US
[72] GROWE, RON, US
[72] SANTANA, RAMON, US
[72] VINCENTI, PAUL, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2011-11-23 (PCT/US2011/062027)
[87] (WO2012/087489)
[30] US (12/976,565) 2010-12-22

[21] **2,822,250**
[13] A1
[51] **Int.Cl. B01D 63/10 (2006.01) B01D 65/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATING SEPARATOR ASSEMBLY**
[54] **PROCEDE ET APPAREIL POUR FABRIQUER UN ENSEMBLE SEPARATEUR**
[72] WANG, CHEN, US
[72] ANDERSON, TODD ALAN, US
[72] LU, SU, US
[72] LI, HUA, US
[72] LIU, ZHEN, US
[72] HUANG, JIE, US
[72] KUMAR, ANUBHAV, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-06-18
[86] 2011-12-07 (PCT/US2011/063704)
[87] (WO2012/091871)
[30] CN (201010615244.2) 2010-12-30

[21] **2,822,251**
[13] A1
[51] **Int.Cl. A61K 36/287 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **HEMOSTATIC PREPARATION CONTAINING AN EXTRACT OF GOLDEN MOSS**
[54] **PREPARATION HEMOSTATIQUE CONTENANT UN EXTRAIT DE GRANDE CAMOMILLE**
[72] WANG, YI-LAN, US
[72] MING, XINTIAN, US
[71] ETHICON, INC., US
[85] 2013-06-18
[86] 2011-12-16 (PCT/US2011/065326)
[87] (WO2012/087774)
[30] US (12/975,589) 2010-12-22

[21] **2,822,252**
[13] A1
[51] **Int.Cl. A23G 3/34 (2006.01) A23G 3/38 (2006.01)**
[25] EN
[54] **ISOMALTULOSE IN FONDANTS**
[54] **ISOMALTULOSE DANS DES SAUCES FONDANTES**
[72] WALTER, THOMAS, DE
[72] MARHOFER, STEPHAN, DE
[72] DORR, TILLMANN, DE
[71] SUDZUCKER AKTIENGESELLSCHAFT MANNHEIM/OCHSENFURT, DE
[85] 2013-06-19
[86] 2011-12-15 (PCT/EP2011/006325)
[87] (WO2012/084148)
[30] DE (10 2010 055 577.0) 2010-12-21

[21] **2,822,254**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTING MUTATION IN THE HUMAN EPIDERMAL GROWTH FACTOR RECEPTOR GENE**
[54] **METHODES ET COMPOSITIONS DE DETECTION D'UNE MUTATION DANS LE GENE DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE HUMAIN**
[72] BAUER, KEITH, US
[72] SCHOENBRUNNER, NANCY, US
[72] TSAN, ALISON, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-19
[86] 2011-12-17 (PCT/EP2011/006399)
[87] (WO2012/084173)
[30] US (61/426,436) 2010-12-22

[21] **2,822,256**
[13] A1
[51] **Int.Cl. E04B 9/04 (2006.01)**
[25] EN
[54] **CEILING TILE BASE MAT**
[54] **MATERIAU DE BASE POUR CARREAU DE PLAFOND**
[72] PALM, GREGORY O., US
[72] BROWN, MARTIN, US
[72] YU, QING CLAIRE, US
[72] CAO, BANGJI, US
[71] USG INTERIORS, LLC, US
[85] 2013-06-18
[86] 2011-12-09 (PCT/US2011/064140)
[87] (WO2012/087611)
[30] US (12/975,501) 2010-12-22

[21] **2,822,257**
[13] A1
[51] **Int.Cl. A22C 7/00 (2006.01) B30B 11/16 (2006.01)**
[25] EN
[54] **MOULD DRUM AND CLEANING APPARATUS FOR A MOULD DRUM**
[54] **TAMBOUR DE MOULE ET APPAREIL DE NETTOYAGE POUR UN TAMBOUR DE MOULE**
[72] VAN GERWEN, HENDRIKUS PETRUS GERARDUS, NL
[71] CFS BAKEL B.V., NL
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/006458)
[87] (WO2012/084215)
[30] EP (10016025.8) 2010-12-23

[21] **2,822,259**
[13] A1
[51] **Int.Cl. H04N 7/26 (2006.01)**
[25] EN
[54] **MODE DEPENDENT SCANNING OF COEFFICIENTS OF A BLOCK OF VIDEO DATA**
[54] **BALAYAGE DEPENDANT DU MODE DE COEFFICIENTS D'UN BLOC DE DONNEES VIDEO**
[72] ZHENG, YUNFEI, US
[72] COBAN, MUHAMMED ZEYD, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2013-06-18
[86] 2011-12-14 (PCT/US2011/064964)
[87] (WO2012/087713)
[30] US (61/426,349) 2010-12-22
[30] US (61/426,372) 2010-12-22
[30] US (61/436,835) 2011-01-27
[30] US (13/179,321) 2011-07-08

[21] **2,822,261**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD TO OBTAIN OPTICAL MEANS ADAPTED TO A HUMAN INDIVIDUAL SUFFERING OR SUSCEPTIBLE TO SUFFER FROM ONE OR MORE GENETIC RELATED EYE DISORDER(S) OR DISEASE(S)**
[54] **PROCEDE D'OBTENTION DE MOYENS OPTIQUES ADAPTES A UN INDIVIDU HUMAIN SOUFFRANT OU SUSCEPTIBLE DE SOUFFRIR D'UN OU PLUSIEURS TROUBLES OU MALADIES OCULAIRES D'ORDRE GENETIQUE**
[72] ALEXANDRE, LAURENT, BE
[71] ALEXANDRE, LAURENT, BE
[85] 2013-06-19
[86] 2011-12-20 (PCT/EP2011/073485)
[87] (WO2012/085005)
[30] EP (10196946.7) 2010-12-23

[21] **2,822,262**
[13] A1
[51] **Int.Cl. H02G 9/02 (2006.01) E02F 3/24 (2006.01) E02F 5/10 (2006.01) F16L 1/032 (2006.01) H02G 1/06 (2006.01) B23D 45/00 (2006.01) B23D 47/00 (2006.01) B27B 5/02 (2006.01) B28D 1/12 (2006.01)**
[25] EN
[54] **A LAYING MACHINE AND A BLADE ASSEMBLY**
[54] **MACHINE DE POSE ET ENSEMBLE LAME**
[72] GUSTAFSSON, LARS, SE
[72] JOHANSSON, ROLF, SE
[72] SJODAHL, FREDRIK, SE
[72] NILSSON, TOBIAS, SE
[72] MEISTER, DONALD, US
[71] HUSQVARNA AB, SE
[85] 2013-07-18
[86] 2012-01-26 (PCT/SE2012/000007)
[87] (WO2012/102659)
[30] SE (PCT/ SE2011/000013) 2011-01-26
[30] SE (PCT/SE2011/050958) 2011-07-21

[21] **2,822,263**
[13] A1
[51] **Int.Cl. A61K 31/202 (2006.01) A61P 19/02 (2006.01) G09B 19/00 (2006.01) G09F 19/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTING AND TREATING OSTEOARTHRITIS**
[54] **PROCEDES ET COMPOSITIONS POUR LA PREVENTION ET LE TRAITEMENT DE L'ARTHROSE**
[72] MIDDLETON, RONDO PAUL, US
[72] WALDRON, MARK KENNETH, US
[71] NESTEC S.A., CH
[85] 2013-06-18
[86] 2011-12-15 (PCT/US2011/065173)
[87] (WO2012/087745)
[30] US (61/459,902) 2010-12-21

[21] **2,822,265**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/397 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION COMPRISING A LOW SOLUBLE PHARMACEUTICALLY ACTIVE INGREDIENT**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION PHARMACEUTIQUE COMPRENANT UN PRINCIPE PHARMACEUTIQUEMENT ACTIF FAIBLEMENT SOLUBLE**
[72] STARIC, ROK, SI
[72] SKUBIN, SIMON, SI
[72] HOMAR, MIHA, SI
[72] MARKUN, BOSTJAN, SI
[72] BERGLEZ, SANDRA, SI
[72] KRALJ, PETRA, SI
[72] BOSKOVIC, MARIJA, SI
[71] LEK PHARMACEUTICALS D.D., SI
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/073569)
[87] (WO2012/085071)
[30] EP (10015940.9) 2010-12-22

[21] **2,822,266**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 7/04 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **VACCINES BASED ON PEPTIDES OF THE COMPLEMENT PROTEIN C5A**
[54] **VACCINS BASES SUR LA PROTEINE COMPLEMENT C5A**
[72] STAFFLER, GUNTHER, AT
[72] LANDLINGER, CHRISTINE, AT
[72] MATTNER, FRANK, AT
[71] AFFIRIS AG, AT
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/073599)
[87] (WO2012/085090)
[30] EP (10196232.2) 2010-12-21

[21] **2,822,268**
[13] A1
[51] **Int.Cl. C12P 7/40 (2006.01) C07K 19/00 (2006.01) C12N 9/14 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **TARGETED PERHYDROLASES**
[54] **PERHYDROLASES CIBLEES**
[72] DICOSIMO, ROBERT, US
[72] CUNNINGHAM, SCOTT D., US
[72] FAHNESTOCK, STEPHEN R., US
[72] GRUBER, TANJA MARIA, US
[72] PAYNE, MARK S., US
[72] ROUVIERE, PIERRE E., US
[72] SOLOMON, LINDA JANE, US
[72] WANG, HONG, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-18
[86] 2011-12-19 (PCT/US2011/065902)
[87] (WO2012/087966)
[30] US (61/424,916) 2010-12-20

[21] **2,822,269**
[13] A1
[51] **Int.Cl. H02B 11/133 (2006.01)**
[25] EN
[54] **WITHDRAWABLE UNIT FOR AN ELECTRIC SWITCHING DEVICE**
[54] **UNITE AMOVIBLE POUR UN DISPOSITIF DE COMMUTATION ELECTRIQUE**
[72] FLEITMANN, GREGOR, DE
[72] KUTSCHE, WOLFGANG, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/073637)
[87] (WO2012/085116)
[30] EP (10196281.9) 2010-12-21

[21] **2,822,271**
[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/30 (2006.01) A61K 8/64 (2006.01) A61K 8/66 (2006.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **AN AQUEOUS STABLE COMPOSITION FOR DELIVERING SUBSTRATES FOR A DEPILATORY PRODUCT USING PERACETIC ACID**
[54] **COMPOSITION STABLE AQUEUSE D'ADMINISTRATION DE SUBSTRATS POUR UN PRODUIT DEPILATOIRE A L'AIDE D'UN ACIDE PERACETIQUE**
[72] JIANG, XUEPING, US
[72] GRUBER, TANJA MARIA, US
[72] ROUVIERE, PIERRE E., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-18
[86] 2011-12-19 (PCT/US2011/065917)
[87] (WO2012/087972)
[30] US (61/424,847) 2010-12-20

[21] **2,822,272**
[13] A1
[51] **Int.Cl. F41H 11/00 (2006.01) F41H 11/136 (2011.01) B60R 21/01 (2006.01) F41H 7/02 (2006.01)**
[25] EN
[54] **EXPLOSION DETECTION METHOD AND APPARATUS, STABILIZING DEVICE FOR A VEHICLE, STABILIZED VEHICLE, PREPARED VEHICLE**
[54] **PROCEDE ET APPAREIL DE DETECTION D'EXPLOSION, DISPOSITIF STABILISANT DE VEHICULE, VEHICULE STABILISE, VEHICULE PREPARE**
[72] SVANE, JORGEN LEIF, DK
[72] RIISGARD, BENJAMIN, DK
[72] BERTELSEN, PETER, DK
[72] JENSEN, KEN, DK
[71] TENCATE ACTIVE PROTECTION APS, DK
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/073665)
[87] (WO2012/085138)
[30] US (61/427,126) 2010-12-24
[30] DK (PA201001192) 2010-12-30

[21] **2,822,283**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **DRUG SELECTION FOR MALIGNANT CANCER THERAPY USING ANTIBODY-BASED ARRAYS**
[54] **SELECTION DE MEDICAMENT POUR TRAITEMENT DE CANCER A L'AIDE DE RESEAUX A BASE D'ANTICORPS**
[72] SINGH, SHARAT, US
[72] HOE, NICHOLAS, US
[72] PRINCEN, FRED, US
[72] LIU, XINJUN, US
[71] NESTEC S.A., CH
[85] 2013-06-18
[86] 2011-12-21 (PCT/US2011/066624)
[87] (WO2012/088337)
[30] US (61/426,948) 2010-12-23
[30] US (61/438,904) 2011-02-02

[21] **2,822,284**
[13] A1
[51] **Int.Cl. C10G 47/00 (2006.01) B01J 8/00 (2006.01) C07C 2/76 (2006.01) C07C 4/04 (2006.01) C10G 9/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONVERTING HYDROCARBONS INTO OLEFINS**
[54] **PROCEDE ET APPAREIL DE CONVERSION D'HYDROCARBURES EN OLEFINES**
[72] KEUSENKOTHEN, PAUL F., US
[72] HERSHKOWITZ, FRANK, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2013-06-18
[86] 2011-12-20 (PCT/US2011/066210)
[87] (WO2012/099679)
[30] US (61/434,419) 2011-01-19
[30] US (61/434,415) 2011-01-19
[30] US (61/434,411) 2011-01-19
[30] US (61/434,417) 2011-01-19
[30] US (61/434,409) 2011-01-19
[30] US (61/434,413) 2011-01-19
[30] US (61/434,410) 2011-01-19
[30] EP (11160759.4) 2011-03-31
[30] US (61/481,999) 2011-05-03
[30] US (61/500,854) 2011-06-24
[30] US (61/504,611) 2011-07-05

[21] **2,822,286**
[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TEETH CLEANING**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE DE DENTS**
[72] MOLL, FREDERIC H., US
[71] MOLL, FREDERIC H., US
[85] 2013-06-18
[86] 2011-12-20 (PCT/US2011/066315)
[87] (WO2012/088193)
[30] US (61/424,873) 2010-12-20
[30] US (61/522,832) 2011-08-12

[21] **2,822,287**
[13] A1
[51] **Int.Cl. A61B 8/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGE GUIDANCE DURING MEDICAL PROCEDURES**
[54] **SYSTEME ET PROCEDE DE GUIDAGE D'IMAGE DURANT DES ACTES MEDICAUX**
[72] DEMPSEY, JAMES F., US
[71] VIEWRAY INCORPORATED, US
[85] 2013-06-18
[86] 2011-12-21 (PCT/US2011/066605)
[87] (WO2012/088321)
[30] US (61/425,891) 2010-12-22

[21] **2,822,288**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-C5/C5A/C5ADESR ANTIBODIES AND FRAGMENTS**
[54] **FRAGMENTS ET ANTICORPS ANTI-C5/C5A/C5ADESR**
[72] COLLEY, CAROLINE, GB
[72] DOBSON, CLAIRE, GB
[72] BRENNAN, JOANNE, GB
[72] FUNG, SEK, US
[71] MEDIMMUNE, LLC, US
[85] 2013-06-18
[86] 2011-12-21 (PCT/US2011/066437)
[87] (WO2012/088247)
[30] US (61/426,021) 2010-12-22

[21] **2,822,289**
[13] A1
[51] **Int.Cl. C07K 14/415 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT GENE EXPRESSION MODULATORY SEQUENCES FROM MAIZE**
[54] **SEQUENCES ISSUES DU MAIS, MODULATRICES D'EXPRESSION DE GENES VEGETAUX**
[72] NOTT, AJIT, IN
[72] SELINGER, DAVID A., US
[72] TAVVA, VENKATA S., IN
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2013-06-18
[86] 2011-12-21 (PCT/US2011/066633)
[87] (WO2012/088342)
[30] IN (3060/DELNP/2010) 2010-12-21
[30] US (61/466,480) 2011-03-23

[21] **2,822,290**
[13] A1
[51] **Int.Cl. B28D 1/08 (2006.01) B23D 57/02 (2006.01) B23Q 3/18 (2006.01) B23Q 15/14 (2006.01) B27B 17/10 (2006.01) B27B 17/14 (2006.01) B27G 19/00 (2006.01) F16D 7/02 (2006.01)**
[25] EN
[54] **WALL OR FLOOR CHAINSAW**
[54] **SCIE A CHAINE MURALE OU A SOL**
[72] JONSSON, ANDREAS, SE
[71] HUSQVARNA AB, SE
[85] 2013-07-19
[86] 2012-02-03 (PCT/SE2012/050104)
[87] (WO2012/105904)
[30] SE (PCT/SE2011/000020) 2011-02-03

[21] **2,822,291**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **CONFIGURATION AND METHOD FOR FIXATION OF A FILTER TO A CATHETER**
[54] **CONFIGURATION ET METHODE DE FIXATION D'UN FILTRE A UN CATHETER**
[72] ANGEL, LUIS F., US
[72] STEINMETZ, JEFFREY N., US
[71] BIO2 MEDICAL, INC., US
[85] 2013-06-18
[86] 2011-12-21 (PCT/US2011/066637)
[87] (WO2012/088346)
[30] US (61/425,738) 2010-12-21

[21] **2,822,292**
[13] A1
[51] **Int.Cl. B08B 5/02 (2006.01)**
[25] EN
[54] **PURGING AND DEBRIS REMOVAL FROM HOLES**
[54] **PURGE ET EXTRACTION DE DEBRIS PRESENTS DANS DES TROUS**
[72] ABBASI, HAMID ALI, US
[72] SCHULTZ, ROGER, US
[71] GAS TECHNOLOGY INSTITUTE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-06-18
[86] 2011-12-28 (PCT/US2011/067447)
[87] (WO2012/096785)
[30] US (13/004,352) 2011-01-11

[21] **2,822,294**
[13] A1
[51] **Int.Cl. G01G 3/12 (2006.01) A01K 5/00 (2006.01)**
[25] EN
[54] **FEED BIN MONITORING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE CONTENANT POUR ALIMENTS**
[72] JAEGER, MARK H., US
[71] HERDSTAR, LLC, US
[85] 2013-06-18
[86] 2011-12-28 (PCT/US2011/067524)
[87] (WO2012/092334)
[30] US (61/427,593) 2010-12-28

[21] **2,822,295**
[13] A1
[51] **Int.Cl. A46B 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE KIT**
[54] **ENSEMBLE POUR SOINS ORAUX**
[72] HOHLBEIN, DOUGLAS, US
[72] XI, WEN JIN, CN
[71] COLGATE PALMOLIVE COMPANY, US
[85] 2013-06-18
[86] 2010-12-22 (PCT/US2010/061883)
[87] (WO2012/087317)

[21] **2,822,296**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SANDPAPER MUTANTS OF BACILLUS AND METHODS OF THEIR USE TO ENHANCE PLANT GROWTH, PROMOTE PLANT HEALTH AND CONTROL DISEASES AND PESTS**
[54] **MUTANTS « PAPIER DE VERRE » DE BACILLUS ET LEURS PROCEDES D'UTILISATION POUR STIMULER LA CROISSANCE VEGETALE, PROMOUVOIR LA SANTE VEGETALE ET LUTTER CONTRE DES MALADIES ET DES NUISIBLES**
[72] GUILHABERT-GOYA, MAGALIE, US
[72] HOVINGA, SARAH F., US
[72] JOO, DANIEL M., US
[72] MARGOLIS, JONATHAN S., US
[72] MILLS, SARAH J., US
[72] THOMAS, VARGHESE, US
[72] CURTIS, DAMIAN, US
[72] ROYALTY, REED NATE, US
[72] WHITSON, ROY, US
[71] BAYER CROPSCIENCE LP, US
[85] 2013-06-18
[86] 2011-12-19 (PCT/US2011/065936)
[87] (WO2012/087980)
[30] US (61/425,742) 2010-12-21
[30] US (61/505,023) 2011-07-06
[30] US (61/511,522) 2011-07-25
[30] US (61/556,039) 2011-11-04

[21] **2,822,298**
[13] A1
[51] **Int.Cl. D01F 1/07 (2006.01) D01F 2/00 (2006.01)**
[25] EN
[54] **FLAME RETARDANT CELLULOSIC MAN-MADE FIBERS**
[54] **FIBRES SYNTHETIQUES CELLULOSIQUES IGNIFUGEES**
[72] RUF, HARTMUT, AT
[72] BISJAK, CLEMENS, AT
[72] KRONER, GERT, AT
[71] LENZING AG, AT
[85] 2013-06-19
[86] 2011-12-09 (PCT/AT2011/000489)
[87] (WO2012/083318)
[30] AT (A 2096/2010) 2010-12-20
[30] AT (A 742/2011) 2011-05-23

[21] **2,822,300**
[13] A1
[51] **Int.Cl. A61K 36/886 (2006.01) A61K 9/14 (2006.01) A61K 31/715 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01) C08B 37/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF ALOE POLYSACCHARIDES**
[54] **COMPOSITIONS ET PROCEDES LIES A DES POLYSACCHARIDES D'ALOE**
[72] DANHOF, IVAN E., US
[71] NORTH TEXAS MEDICAL ASSOCIATES, US
[85] 2013-06-18
[86] 2011-01-06 (PCT/US2011/020402)
[87] (WO2012/094010)

[21] **2,822,301**
[13] A1
[51] **Int.Cl. C12N 9/10 (2006.01) C12N 9/90 (2006.01) C12N 15/80 (2006.01) C12P 19/26 (2006.01)**
[25] EN
[54] **METHOD AND AGENTS FOR PRODUCING N-ACETYKNEURANINIC ACID (NEUNAC)**
[54] **PROCEDE ET MOYENS DE PRODUCTION D'ACIDE N-ACETYLNEURAMINIQUE (NEUNAC)**
[72] MACH-AIGNER, ASTRID, AT
[72] MACH, ROBERT, AT
[72] STEIGER, MATTHIAS G., AT
[71] TECHNISCHE UNIVERSITAT WIEN, AT
[85] 2013-06-19
[86] 2011-12-22 (PCT/AT2011/000510)
[87] (WO2012/083329)
[30] AT (A 2111/2010) 2010-12-22

[21] **2,822,303**
[13] A1
[51] **Int.Cl. E01F 8/00 (2006.01)**
[25] EN
[54] **SOUND PROTECTION COMPONENT**
[54] **ELEMENT D'INSONORISATION**
[72] BARNAS, ALEXANDER, AT
[71] KIRCHDORFER FERTIGTEILHOLDING GMBH, AT
[85] 2013-06-19
[86] 2011-12-14 (PCT/AT2011/000495)
[87] (WO2012/083319)
[30] AT (A 2125/2010) 2010-12-23

[21] **2,822,304**
[13] A1
[51] **Int.Cl. H01F 27/40 (2006.01) H01F 27/28 (2006.01) H01F 29/14 (2006.01) H02M 7/06 (2006.01)**
[25] FR
[54] **TRANSFORMER-RECTIFIER UNIT**
[54] **TRANSFORMATEUR DE REDRESSEUR**
[72] TIRILLY, SERGE, FR
[72] NGNEGUEU, TRIOMPHANT, FR
[72] MARNAY, DAVID, FR
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-06-18
[86] 2011-12-27 (PCT/EP2011/074064)
[87] (WO2012/089717)
[30] FR (10 61378) 2010-12-30

[21] **2,822,306**
[13] A1
[51] **Int.Cl. F03D 3/00 (2006.01)**
[25] EN
[54] **WIND POWER ROTOR AND A METHOD FOR GENERATING ENERGY BY MEANS OF THE SAME**
[54] **ROTOR D'EOLIENNE ET PROCEDE DE PRODUCTION D'ENERGIE AU MOYEN DUDIT ROTOR D'EOLIENNE**
[72] SEIFERT, JOST, DE
[71] EADS DEUTSCHLAND GMBH, DE
[85] 2013-06-19
[86] 2011-08-01 (PCT/DE2011/001536)
[87] (WO2012/083907)
[30] DE (10 2010 055 687.4) 2010-12-22

[21] **2,822,307**
[13] A1
[51] **Int.Cl. B66C 23/82 (2006.01) B66C 23/26 (2006.01)**
[25] EN
[54] **JIB-BRACING SYSTEM FOR A REVOLVING TOWER CRANE**
[54] **SYSTEME DE HAUBANAGE DE LA FLECHE POUR UNE GRUE PIVOTANTE SUR PYLONE**
[72] DORZBACH, ULRICH, DE
[71] WOLFFKRAN HOLDING AG, CH
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/006477)
[87] (WO2012/084229)
[30] DE (10 2010 055 325.5) 2010-12-21

[21] **2,822,308**
[13] A1
[51] **Int.Cl. E06B 9/324 (2006.01)**
[25] EN
[54] **OPERATING CORD SYSTEM FOR RETRACTABLE COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **SYSTEME DE CORDON D'ACTIONNEMENT POUR REVETEMENTS RETRACTABLES POUR OUVERTURES ARCHITECTURALES**
[72] ANTHONY, JAMES M., US
[72] DANN, KEVIN M., US
[72] FLUCKEY, DANIEL, US
[72] KOVACH, JOSEPH E., US
[72] SPRAY, JEFFREY L., US
[71] HUNTER DOUGLAS INC., US
[85] 2013-06-18
[86] 2011-12-30 (PCT/US2011/068074)
[87] (WO2012/092549)
[30] US (61/428,682) 2010-12-30
[30] US (61/431,302) 2011-01-10
[30] US (61/433,869) 2011-01-18

[21] **2,822,310**
[13] A1
[51] **Int.Cl. C07C 271/34 (2006.01) A61K 31/215 (2006.01) A61K 31/27 (2006.01) A61K 31/381 (2006.01) A61K 31/4192 (2006.01) A61K 31/42 (2006.01) A61K 31/426 (2006.01) A61P 35/00 (2006.01) C07C 249/06 (2006.01) C07D 261/18 (2006.01) C07D 277/32 (2006.01) C07D 295/21 (2006.01) C07D 309/08 (2006.01) C07D 333/38 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **INGENOL-3-ACYLATES III AND INGENOL-3-CARBAMATES**
[54] **INGENOL-3-ACYLATES III ET INGENOL-3-CARBAMATES**
[72] GRUE-SORENSEN, GUNNAR, DK
[72] LIANG, XIFU, DK
[72] HOGBERG, THOMAS, DK
[72] MANSSON, KRISTOFFER, DK
[72] VEDSO, PER, DK
[72] VIFIAN, THOMAS, DK
[71] LEO LABORATORIES LIMITED, IE
[85] 2013-06-19
[86] 2011-12-22 (PCT/DK2011/000154)
[87] (WO2012/083953)
[30] US (61/426,378) 2010-12-22
[30] US (61/448,350) 2011-03-02
[30] US (61/534,055) 2011-09-13

[21] **2,822,311**
[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **DETACHABLE METAL BALLOON DELIVERY DEVICE AND METHOD**
[54] **DISPOSITIF DE POSE DE BALLONNET METALLIQUE DETACHABLE, ET PROCEDE ASSOCIE**
[72] FRANANO, F. NICHOLAS, US
[72] STEPHENSON, KATHERINE, US
[71] NOVITA THERAPEUTICS, LLC, US
[85] 2013-06-18
[86] 2012-01-17 (PCT/US2012/021620)
[87] (WO2012/099909)
[30] US (61/433,305) 2011-01-17

[21] **2,822,312**
[13] A1
[51] **Int.Cl. C07C 69/74 (2006.01) A61K 31/215 (2006.01) A61K 31/216 (2006.01) A61K 31/245 (2006.01) A61K 31/277 (2006.01) A61P 35/00 (2006.01) C07C 69/75 (2006.01) C07C 69/753 (2006.01) C07C 229/56 (2006.01) C07C 255/46 (2006.01)**
[25] EN
[54] **3-ACYL-INGENOLS II**
[54] **3-ACYL-INGENOLS II**
[72] GRUE-SORENSEN, GUNNAR, DK
[72] LIANG, XIFU, DK
[72] HOGBERG, THOMAS, DK
[72] MANSSON, KRISTOFFER, DK
[72] VEDSO, PER, DK
[71] LEO PHARMA A/S, DK
[85] 2013-06-19
[86] 2011-12-22 (PCT/DK2011/000155)
[87] (WO2012/083954)
[30] US (61/426,375) 2010-12-22
[30] US (61/494,148) 2011-06-07

[21] **2,822,314**
[13] A1
[51] **Int.Cl. A23D 9/00 (2006.01) C11B 1/10 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **CONCENTRATE OF OMEGA 3**
[54] **CONCENTRE D'OMEGA 3**
[72] SEPULVEDA REYES, JUVENAL ANTONIO, CL
[72] BERRIOS CORNEJO, MIRIAM ROSA, CL
[72] FUENZALIDA DIAZ, MIGUEL ANGEL, CL
[72] MARKOVITS ROJAS, ALEJANDRO, CL
[72] HARTING GLADE, THOMAS FRANCIS, CL
[71] GOLDEN OMEGA S.A., CL
[85] 2013-06-19
[86] 2011-12-25 (PCT/CL2011/000082)
[87] (WO2012/088620)
[30] CL (1587-2010) 2010-12-27

[21] **2,822,315**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01) C04B 20/10 (2006.01) C04B 28/04 (2006.01) C04B 28/14 (2006.01) E04B 5/02 (2006.01) E04C 2/26 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE NON-COMBUSTIBLE GYPSUM-CEMENT COMPOSITIONS WITH ENHANCED WATER DURABILITY AND THERMAL STABILITY FOR REINFORCED CEMENTITIOUS LIGHTWEIGHT STRUCTURAL CEMENT PANELS**
[54] **COMPOSITIONS DE PLATRE DUR NON COMBUSTIBLE A HAUTES PERFORMANCES AVEC AMELIORATION DE LA DURABILITE EN PRESENCE D'EAU ET DE LA STABILITE THERMIQUE POUR PANNEAUX STRUCTURAUX CIMENTAIRES LEGERS RENFORCES**
[72] DUBEY, ASHISH, US
[72] CHAN, CESAR, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2013-06-18
[86] 2011-12-16 (PCT/US2011/065333)
[87] (WO2012/087776)
[30] US (12/977,801) 2010-12-23

[21] **2,822,317**
[13] A1
[51] **Int.Cl. C09D 183/04 (2006.01) C09D 4/00 (2006.01) C09D 5/08 (2006.01) C09D 5/16 (2006.01) C23F 15/00 (2006.01)**
[25] EN
[54] **REPELLENT COATING COMPOSITION AND COATING, METHOD FOR MAKING AND USES THEREOF**
[54] **COMPOSITION DE REVETEMENT REPULSIVE ET REVETEMENT, PROCEDE POUR LES FABRIQUER ET LEURS UTILISATIONS**
[72] BISCHOFF, CLAUS, DK
[72] HOLBERG, STEFAN, DK
[71] TEKNOLOGISK INSTITUT, DK
[85] 2013-06-19
[86] 2011-12-22 (PCT/DK2011/050517)
[87] (WO2012/083970)
[30] DK (PA 2010 70577) 2010-12-22

[21] **2,822,318**
[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01) A61M 25/10 (2013.01) A61M 27/00 (2006.01)**
[25] EN
[54] **POST OPERATIVE WOUND SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT DE PLAIE POSTOPERATOIRE**
[72] JONSSON, ANDERS, SE
[71] JONSSON, ANDERS, SE
[85] 2013-06-19
[86] 2011-01-27 (PCT/EP2011/051178)
[87] (WO2011/092268)
[30] EP (10151829.8) 2010-01-27

[21] **2,822,319**
[13] A1
[51] **Int.Cl. C10L 3/00 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **COMBUSTIBLE GAS COMPOSITION**
[54] **COMPOSITION DE GAZ COMBUSTIBLE**
[72] SCHARF, JORG, DE
[71] IMPARA FINANZ AG, CH
[85] 2013-06-19
[86] 2011-11-30 (PCT/EP2011/006002)
[87] (WO2012/084119)
[30] EP (10015833.6) 2010-12-20

[21] **2,822,320**
[13] A1
[51] **Int.Cl. A61K 31/305 (2006.01) A61K 31/137 (2006.01) A61K 31/58 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE TREATMENT OF SKIN CONDITIONS**
[54] **COMPOSITION POUR LE TRAITEMENT D'ETATS PATHOLOGIQUES DE LA PEAU**
[72] LE, ANDREW TUAN ANH, AU
[71] LE, ANDREW TUAN ANH, AU
[85] 2013-06-19
[86] 2011-12-01 (PCT/AU2011/001567)
[87] (WO2012/083341)
[30] AU (2010905529) 2010-12-20
[30] AU (2010905707) 2010-12-24

[21] **2,822,321**
[13] A1
[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/06 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **STENT**
[54] **ENDOPROTHESE**
[72] ARMSTRONG, JOSEPH R., US
[72] CULLY, EDWARD H., US
[72] FRANKLIN, MICHAEL W., US
[72] HANSEN, MARK Y., US
[72] LURIE, BRANDON A., US
[72] MCMURRAY, CRAIG, US
[72] MONTGOMERY, WILLIAM D., US
[72] TERRY, WENDY J., US
[72] TITTELBAUGH, ERIC M., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2013-06-19
[86] 2011-11-17 (PCT/US2011/061165)
[87] (WO2012/096716)
[30] US (61/433,069) 2011-01-14
[30] US (61/523,115) 2011-08-12
[30] US (13/298,060) 2011-11-16

[21] **2,822,322**
[13] A1
[51] **Int.Cl. C12P 7/64 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12P 7/10 (2006.01) C12P 7/16 (2006.01)**
[25] EN
[54] **AN INTEGRATED PROCESS FOR PRODUCING BIOFUELS**
[54] **PROCESSUS INTEGRE POUR LA PRODUCTION DE BIOCARBURANTS**
[72] KOSKINEN, PERTTU, FI
[72] TANNER, REIJO, FI
[71] NESTE OIL OYJ, FI
[85] 2013-06-19
[86] 2011-12-19 (PCT/FI2011/051129)
[87] (WO2012/085340)
[30] EP (10196556.4) 2010-12-22
[30] US (61/459,963) 2010-12-22

[21] **2,822,324**
[13] A1
[51] **Int.Cl. D21H 21/16 (2006.01) D21H 17/44 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SIZED AND/OR WET-STRENGTH PAPERS, PAPERBOARDS AND CARDBOARDS**
[54] **PROCEDE DE PRODUCTION DE PAPIERS, CARTONNETTES ET CARTONS COLLES ET/OU RESISTANT A L'HUMIDITE**
[72] SOMMER, STEFAN, DE
[72] LUEHMANN, ERHARD, DE
[72] DVORCHAK, MICHAEL J., US
[72] UNAL, SERKAN, US
[71] BAYER INTELLECTUAL PORPERTY GMBH, DE
[71] BAYER MATERIALSCIENCE LLC, US
[85] 2013-06-19
[86] 2011-12-19 (PCT/EP2011/073271)
[87] (WO2012/084846)
[30] US (12/975,470) 2010-12-22

[21] **2,822,325**
[13] A1
[51] **Int.Cl. A61K 8/58 (2006.01) A61K 8/06 (2006.01) A61K 8/44 (2006.01)**
[25] EN
[54] **USE OF GLUTAMIDE STABILIZERS**
[54] **UTILISATION DE STABILISANTS A BASE DE GLUTAMIDE**
[72] DO, THI N., US
[72] ROBINSON, FREDA E., US
[72] KALAFSKY, ROBERT E., US
[71] AVON PRODUCTS, INC., US
[85] 2013-06-19
[86] 2011-11-21 (PCT/US2011/061637)
[87] (WO2012/091823)
[30] US (12/979,539) 2010-12-28

[21] **2,822,327**
[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/18 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING**
[54] **FORAGE DIRECTIONNEL**
[72] BLANGE, JAN-JETTE, NL
[72] VAN NIEUWKOOP, PIETER, NL
[72] MARWEDE, JOCHEN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-19
[86] 2011-12-20 (PCT/EP2011/073386)
[87] (WO2012/084934)
[30] EP (10196484.9) 2010-12-22

[21] **2,822,328**
[13] A1
[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/46 (2006.01) A61K 8/49 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MODULATION OF DYNEIN IN SKIN**
[54] **MODULATION DE LA DYNEINE DANS LA PEAU**
[72] ZHENG, QIAN, US
[72] LYGA, JOHN W., US
[72] WYBORSKI, RUSSELL J., US
[71] AVON PRODUCTS, INC., US
[85] 2013-06-19
[86] 2011-11-29 (PCT/US2011/062279)
[87] (WO2012/091832)
[30] US (61/428,272) 2010-12-30

[21] **2,822,329**
[13] A1
[51] **Int.Cl. C12P 7/64 (2006.01) C12N 9/00 (2006.01) C12N 9/24 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ENZYMES**
[54] **PROCEDE DE PRODUCTION D'ENZYMES**
[72] MALM, ANNIKA, FI
[72] LAAKSO, SIMO, FI
[72] PASTINEN, OSSI, FI
[72] KAHELIN, HEIDI, FI
[72] MUJUNEN, MIIA, FI
[71] NESTE OIL OYJ, FI
[85] 2013-06-19
[86] 2011-12-19 (PCT/FI2011/051134)
[87] (WO2012/085344)
[30] EP (10196423.7) 2010-12-22
[30] US (61/459,965) 2010-12-22

[21] **2,822,330**
[13] A1
[51] **Int.Cl. C12P 7/64 (2006.01) C12N 9/24 (2006.01) D21C 5/00 (2006.01) D21C 9/00 (2006.01)**
[25] EN
[54] **AN INTEGRATED PROCESS SYSTEM**
[54] **SYSTEME A PROCEDES INTEGRES**
[72] KOSKINEN, PERTTU, FI
[72] TANNER, REIJO, FI
[71] NESTE OIL OYJ, FI
[85] 2013-06-19
[86] 2011-12-19 (PCT/FI2011/051136)
[87] (WO2012/085346)
[30] EP (10196494.8) 2010-12-22
[30] US (61/459,964) 2010-12-22

[21] **2,822,331**
[13] A1
[51] **Int.Cl. C12P 17/06 (2006.01) C12N 9/00 (2006.01) C12N 9/88 (2006.01) C12N 15/70 (2006.01) C12P 17/16 (2006.01)**
[25] EN
[54] **ENZYMATIC SYNTHESIS OF ACTIVE PHARMACEUTICAL INGREDIENT AND INTERMEDIATES THEREOF**
[54] **SYNTHESE ENZYMATIQUE D'UN PRINCIPE ACTIF PHARMACEUTIQUE ET DE SES INTERMEDIAIRES**
[72] MRAK, PETER, SI
[72] ZOHAR, TADEJA, SI
[72] OSLAJ, MATEJ, SI
[72] KOPITAR, GREGOR, SI
[71] LEK PHARMACEUTICALS D.D., SI
[85] 2013-06-19
[86] 2011-12-20 (PCT/EP2011/073412)
[87] (WO2012/095244)
[30] EP (10015774.2) 2010-12-20
[30] EP (11168227.4) 2011-05-31

[21] **2,822,332**
[13] A1
[51] **Int.Cl. H02G 3/04 (2006.01) H02G 3/32 (2006.01)**
[25] EN
[54] **A CABLE BREAKOUT SUPPORT**
[54] **SUPPORT DE RUPTURE DE CABLE**
[72] EYLES, JONATHAN MARK, GB
[72] KURUNDWAD, PRAVEEN, IN
[72] JAIN, DHARMENDRA, IN
[72] CHANDOOR, SRIVANI, IN
[72] MUTHUSWAMY, SURESH KUMAR, IN
[72] KAINTHAJE, SHIVAPRAKASH, IN
[71] TYCO ELECTRONICS UK LTD, GB
[71] TYCO ELECTRONICS CORPORATION INDIA PVT. LIMITED, IN
[85] 2013-06-19
[86] 2011-12-12 (PCT/GB2011/052456)
[87] (WO2012/085536)
[30] GB (1021740.4) 2010-12-22

[21] **2,822,334**
[13] A1
[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **PET FOOD COMPOSITIONS AND METHODS FOR WEIGHT LOSS AND MAINTENANCE**
[54] **COMPOSITIONS ALIMENTAIRES ET METHODES POUR LA PERTE DE POIDS ET LE MAINTIEN DU POIDS CHEZ DES ANIMAUX DE COMPAGNIE**
[72] YAMKA, RYAN MICHAEL, US
[72] FRANTZ, NOLAN ZEBULON, US
[72] AL-MURRANI, SAMER, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2013-06-19
[86] 2011-11-30 (PCT/US2011/062526)
[87] (WO2012/087511)
[30] US (61/426,629) 2010-12-23

[21] **2,822,335**
[13] A1
[51] **Int.Cl. H02P 6/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **MOTOR CONTROLLER FOR AUTOMATICALLY CONFIGURING PLURAL TYPES OF INTERFACES**
[54] **COMMANDE DE MOTEUR PERMETTANT DE CONFIGURER AUTOMATIQUEMENT PLUSIEURS TYPES D'INTERFACES**
[72] ZHAO, YONG, CN
[71] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[85] 2013-06-19
[86] 2011-04-20 (PCT/CN2011/073077)
[87] (WO2012/142757)

[21] **2,822,337**
[13] A1
[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **PET FOOD COMPOSITIONS AND METHODS FOR TREATING ARTHRITIS AND INFLAMMATION ASSOCIATED WITH ARTHRITIS**
[54] **COMPOSITIONS ALIMENTAIRES ET METHODES POUR LE TRAITEMENT DE L'ARTHRITE ET DE L'INFLAMMATION ASSOCIEE A L'ARTHRITE CHEZ DES ANIMAUX DE COMPAGNIE**
[72] YAMKA, RYAN MICHAEL, US
[72] FRANTZ, NOLAN ZEBULON, US
[72] AL-MURRANI, SAMER, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2013-06-19
[86] 2011-11-30 (PCT/US2011/062528)
[87] (WO2012/087512)
[30] US (61/426,633) 2010-12-23

[21] **2,822,338**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **DISRUPTION OF AHP6 GENE LEADS TO PLANTS WITH IMPROVED SEED YIELD**
[54] **DISRUPTION DU GENE AHP6 DONNANT DES PLANTES AYANT UN RENDEMENT EN GRAINES AMELIORE**
[72] SCHMULLING, THOMAS, DE
[72] WERNER, TOMAS, DE
[71] SCHMULLING, THOMAS, DE
[71] WERNER, TOMAS, DE
[85] 2013-06-19
[86] 2011-12-16 (PCT/EP2011/073058)
[87] (WO2012/084715)
[30] EP (10196018.5) 2010-12-20

[21] **2,822,340**
[13] A1
[51] **Int.Cl. B32B 43/00 (2006.01)**
[25] EN
[54] **SINGLE STAGE DEBULK AND CURE OF A PREPREG MATERIAL**
[54] **PROCEDE EN UNE SEULE ETAPE D'APPLICATION DE PRESSION POUR FAIRE DIMINUER LE VOLUME ET DE DURCISSEMENT D'UN MATERIAU PREIMPREGNE**
[72] WHITWORTH, DENVER R., US
[72] CRIBB, VANCE N., US
[71] BELL HELICOPTER TEXTRON INC., US
[85] 2013-06-19
[86] 2011-01-11 (PCT/US2011/020771)
[87] (WO2012/096650)

[21] **2,822,341**
[13] A1
[51] **Int.Cl. E04H 15/10 (2006.01) F21V 21/00 (2006.01)**
[25] EN
[54] **ILLUMINATED POLE**
[54] **MONTANT ECLAIRE**
[72] DOBLE, SIMON, AU
[71] DOBLE, SIMON, AU
[85] 2013-06-19
[86] 2011-12-20 (PCT/AU2011/001643)
[87] (WO2012/083354)
[30] AU (2010905560) 2010-12-20
[30] AU (2011902974) 2011-07-27

[21] **2,822,342**
[13] A1
[51] **Int.Cl. A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61K 8/86 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS D'HYGIENE BUCCALE**
[72] CHOPRA, SUMAN, US
[72] MANDADI, PRAKASARAO, US
[72] PORTER, VENDA, US
[72] ONTUMI, DENNIS, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-19
[86] 2011-06-02 (PCT/US2011/038874)
[87] (WO2012/102750)
[30] US (PCT/US2010/061711) 2010-12-22

[21] **2,822,343**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING LEADS WITH SEGMENTED ELECTRODES FOR ELECTRICAL STIMULATION SYSTEMS**
[54] **PROCEDES DE FABRICATION DE DERIVATIONS AVEC DES ELECTRODES SEGMENTEES POUR DES SYSTEMES DE STIMULATION ELECTRIQUE**
[72] PIANCA, ANNE MARGARET, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2013-06-19
[86] 2011-10-17 (PCT/US2011/056582)
[87] (WO2012/087416)
[30] US (61/426,784) 2010-12-23

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[21] **2,822,344**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **CONTROLLING VIBRATIONS IN A DRILLING SYSTEM**
[54] **CONTROLE DES VIBRATIONS DANS UN SYSTEME DE FORAGE**
[72] DORIS, APOSTOLOS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-06-19
[86] 2011-12-20 (PCT/EP2011/073325)
[87] (WO2012/084886)
[30] EP (10196478.1) 2010-12-22

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[21] **2,822,346**
[13] A1
[51] **Int.Cl. A61L 15/28 (2006.01) A61L 15/26 (2006.01) A61L 15/46 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE HAVING RELEASABLE ODOR CONTROL**
[54] **ARTICLE ABSORBANT AYANT UN CONTROLE D'ODEUR LIBERABLE**
[72] CAPUTI, MARIANGELA, IT
[72] POURCEL, MAGALI, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-06-19
[86] 2011-12-09 (PCT/US2011/064117)
[87] (WO2012/087607)
[30] EP (10015887.2) 2010-12-21

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[21] **2,822,347**
[13] A1
[51] **Int.Cl. A61K 31/5025 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **SANGLIFEHRIN DERIVATIVES AND METHODS FOR THEIR PRODUCTION**
[54] **DERIVES DE SANGLIFEHRINE ET PROCEDES POUR LEUR PRODUCTION**
[72] MOSS, STEVEN JAMES, GB
[72] GREGORY, MATTHEW ALAN, GB
[72] WILKINSON, BARRIE, GB
[72] KENDREW, STEVEN GARY, GB
[72] MARTIN, CHRISTINE JANET, GB
[71] NEUROVIVE PHARMACEUTICAL AB, SE
[85] 2013-06-19
[86] 2011-12-20 (PCT/GB2011/052524)
[87] (WO2012/085553)
[30] GB (1021522.6) 2010-12-20
[30] GB (1113626.4) 2011-08-08

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[21] **2,822,348**
[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **DERIVATION AND CONVERSION OF NATURAL OILS WITH CHEMICAL COMPOSITIONS FOR HYDROPROCESSING TO TRANSPORT FUELS**
[54] **DERIVATION ET CONVERSION D'HUILES NATURELLES AVEC DES COMPOSITIONS CHIMIQUES POUR L'HYDROTRAITEMENT EN CARBURANTS POUR LES TRANSPORTS**
[72] BORDEN, JACOB, US
[72] SHABAKER, JOHN W., US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-06-19
[86] 2011-12-12 (PCT/US2011/064367)
[87] (WO2012/091905)
[30] US (61/428,291) 2010-12-30

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[21] **2,822,349**
[13] A1
[51] **Int.Cl. H01H 77/02 (2006.01)**
[25] EN
[54] **PISTON TRIP RESET LEVER**
[54] **LEVIER DE REARMEMENT DE COURSE DE PISTON**
[72] WOODSON, CAMERON, US
[72] POWELL, RODNEY, US
[71] SCHNEIDER ELECTRIC USA, INC., US
[85] 2013-06-19
[86] 2011-12-16 (PCT/US2011/065320)
[87] (WO2012/094133)
[30] US (12/985,104) 2011-01-05

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[21] **2,822,350**
[13] A1
[51] **Int.Cl. C07K 5/078 (2006.01) A61K 38/05 (2006.01) A61P 7/06 (2006.01) A61P 9/00 (2006.01) C07D 205/04 (2006.01) C07D 207/16 (2006.01) C07D 211/60 (2006.01) C07D 295/192 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07K 5/06 (2006.01) C07K 5/072 (2006.01)**
[25] EN
[54] **TRYPSIN-LIKE SERINE PROTEASE INHIBITORS, THEIR PREPARATION AND USE AS SELECTIVE INHIBITORS OF THE CLOTTING FACTORS IIA AND XA**
[54] **INHIBITEURS DE PROTEASES A SERINE SEMBLABLES A LA TRYPSINE, LEUR SYNTHESE ET LEUR UTILISATION COMME INHIBITEURS SELECTIFS DES FACTEURS DE COAGULATION IIA ET XA**
[72] HEROLD, PETER, CH
[72] JELAKOVIC, STJEPAN, DE
[72] DAGHISH, MOHAMMED, DE
[72] REICHELT, CLAUDIA, DE
[72] SCHULZE, ALEXANDER, DE
[72] SCHWEINITZ, ANDREA, DE
[72] LUDWIG, FRIEDRICH-ALEXANDER, DE
[72] FAR, ADEL RAFAI, CA
[72] KANG, TING, CA
[71] THE MEDICINES COMPANY (LEIPZIG) GMBH, DE
[85] 2013-06-19
[86] 2011-12-21 (PCT/CA2011/001398)
[87] (WO2012/083436)
[30] US (61/425,597) 2010-12-21

[21] **2,822,351**
[13] A1
[51] **Int.Cl. C10M 129/36 (2006.01)**
[25] EN
[54] **LUBRICATING COMPOSITION CONTAINING AN ANTIWEAR AGENT**
[54] **COMPOSITION LUBRIFIANTE CONTENANT UN AGENT ANTI-USURE**
[72] BARTON, WILLIAM, GB
[72] DAVIES, MARK C., GB
[72] SUTTON, MICHAEL R., GB
[72] GIESELMAN, MATTHEW D., US
[72] MOSIER, PATRICK E., US
[72] FRIEND, CHRISTOPHER L., GB
[72] DELBRIDGE, EWAN, US
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-06-19
[86] 2011-12-16 (PCT/US2011/065323)
[87] (WO2012/087773)
[30] US (61/425,275) 2010-12-21

[21] **2,822,352**
[13] A1
[51] **Int.Cl. C10M 159/12 (2006.01) C10M 159/22 (2006.01) C10M 159/24 (2006.01)**
[25] EN
[54] **LUBRICATING COMPOSITION CONTAINING A DETERGENT**
[54] **COMPOSITION LUBRIFIANTE CONTENANT UN DETERGENT**
[72] FRIEND, CHRISTOPHER, GB
[72] BARTON, WILLIAM, GB
[72] WALKER, GARY M., GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2013-06-19
[86] 2011-12-16 (PCT/US2011/065330)
[87] (WO2012/087775)
[30] US (61/425,274) 2010-12-21

[21] **2,822,353**
[13] A1
[51] **Int.Cl. F25D 11/00 (2006.01) F25D 25/00 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **COMPARTMENTED TEMPERATURE AND HUMIDITY CONTROLLED MODULAR HOUSING FOR THE STORAGE AND PRESERVATION OF WINE BOTTLES**
[54] **ENCEINTE MODULAIRE COMPARTIMENTEE A TEMPERATURE ET HUMIDITE REGULEES POUR LE STOCKAGE ET LA CONSERVATION DE BOUTEILLES DE VIN**
[72] DOUCET, GUY, CA
[72] SENEE, LAURENT, CA
[71] INTELLIGENT CELLARS INC., CA
[85] 2013-06-19
[86] 2011-12-20 (PCT/CA2011/001425)
[87] (WO2012/083444)
[30] US (12/977,176) 2010-12-23

[21] **2,822,354**
[13] A1
[51] **Int.Cl. C08F 10/02 (2006.01) C07F 7/00 (2006.01) C08F 4/655 (2006.01) C08F 4/659 (2006.01)**
[25] EN
[54] **SOLID CATALYST COMPONENT, CATALYST COMPRISING SAID SOLID COMPONENT, AND PROCESS FOR THE (CO)POLYMERIZATION OF ALPHA-OLEFINS**
[54] **COMPOSANT CATALYTIQUE SOLIDE, CATALYSEUR COMPRENANT LEDIT COMPOSANT CATALYTIQUE SOLIDE, ET PROCEDE DE (CO)POLYMERISATION D'ALPHA-OLEFINES**
[72] SOMMAZZI, ANNA, IT
[72] MASI, FRANCESCO, IT
[72] PAMPALONI, GUIDO, IT
[72] RENILI, FILIPPO, IT
[72] MARCHETTI, FABIO, IT
[72] RASPOLLI GALLETTI, ANNA MARIA, IT
[71] VERSALIS S.P.A., IT
[85] 2013-06-19
[86] 2011-12-20 (PCT/EP2011/073429)
[87] (WO2012/089562)
[30] IT (MI10A002401) 2010-12-27

[21] **2,822,355**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR AN ADJUSTABLE STIFFNESS CATHETER**
[54] **PROCEDES ET APPAREILS POUR CATHETER A RIGIDITE REGLABLE**
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] TRAPP, BENJAMIN M., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2013-06-19
[86] 2011-12-16 (PCT/US2011/065515)
[87] (WO2012/094135)
[30] US (61/430,303) 2011-01-06
[30] US (13/326,093) 2011-12-14

[21] **2,822,356**
[13] A1
[51] **Int.Cl. B23B 31/02 (2006.01) B23Q 11/00 (2006.01)**
[25] EN
[54] **CUTTING TOOL HAVING A SHANK-MOUNTED ADJUSTMENT RING**
[54] **OUTIL DE COUPE POSSEDANT UNE BAGUE DE REGLAGE MONTEE SUR QUEUE**
[72] HECHT, GIL, IL
[71] ISCAR LTD., IL
[85] 2013-06-19
[86] 2011-11-27 (PCT/IL2011/000906)
[87] (WO2012/085904)
[30] IL (210165) 2010-12-22

[21] **2,822,357**
[13] A1
[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/5395 (2006.01) A61P 31/12 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **HEPATITIS C INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE L'HEPATITE C ET LEURS UTILISATIONS**
[72] MARING, CLARENCE J., US
[72] PRATT, JOHN K., US
[72] CARROLL, WILLIAM A., US
[72] LIU, DACHUN, US
[72] BETEBENNER, DAVID A., US
[72] HUTCHINSON, DOUGLAS K., US
[72] TUFANO, MICHAEL D., US
[72] ROCKWAY, TODD W., US
[72] SCHOEN, UWE, DE
[72] PAHL, AXEL, DE
[72] WITTE, ADREAS, DE
[71] ABBVIE INC., US
[71] ABBVIE DEUTSCHLAND GMBH & CO. KG, DE
[85] 2013-06-19
[86] 2011-12-16 (PCT/US2011/065558)
[87] (WO2012/087833)
[30] US (61/426,312) 2010-12-22

[21] **2,822,359**
[13] A1
[51] **Int.Cl. A61K 39/102 (2006.01) A61K 9/127 (2006.01) A61K 39/39 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **ENHANCED IMMUNE RESPONSE IN BOVINE SPECIES**
[54] **REPONSE IMMUNITAIRE ACCRUE CHEZ DES ESPECES BOVINES**
[72] ABRAHAM, ALBERT, US
[72] KEIL, DANIEL, US
[72] NICKELL, JASON, US
[72] WEISS, CHRISTIAN, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-19
[86] 2011-12-20 (PCT/EP2011/073414)
[87] (WO2012/084951)
[30] US (61/426,255) 2010-12-22

[21] **2,822,360**
[13] A1
[51] **Int.Cl. C07C 69/54 (2006.01) A61K 31/215 (2006.01) A61K 31/216 (2006.01) A61K 31/277 (2006.01) A61P 35/00 (2006.01) C07C 235/16 (2006.01) C07C 251/48 (2006.01) C07C 255/23 (2006.01)**
[25] EN
[54] **INGENOL-3-ACYLATES I**
[54] **INGENOL-3-ACYLATES I**
[72] GRUE-SORENSEN, GUNNAR, DK
[72] LIANG, XIFU, DK
[72] HOGBERG, THOMAS, DK
[71] LEO LABORATORIES LIMITED, IE
[85] 2013-06-19
[86] 2011-12-22 (PCT/EP2011/073759)
[87] (WO2012/085189)
[30] US (61/426,365) 2010-12-22

[21] **2,822,362**
[13] A1
[51] **Int.Cl. B29C 45/43 (2006.01)**
[25] EN
[54] **MOLDING MACHINE HAVING AUXILIARY EJECTION-ASSISTANCE ASSEMBLY CONFIGURED TO APPLY ADDITIONAL EJECTION FORCE**
[54] **MACHINE A MOULER DOTEE D'UN ENSEMBLE D'ASSISTANCE A L'EJECTION AUXILIAIRE CONFIGURE DE MANIERE A APPLIQUER UNE FORCE D'EJECTION SUPPLEMENTAIRE**
[72] HALTER, CHRISTOPHE, BE
[72] MAI, ARNOLD, DE
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-06-19
[86] 2011-12-13 (PCT/CA2011/050767)
[87] (WO2012/100324)
[30] US (61/437,062) 2011-01-28

[21] **2,822,363**
[13] A1
[51] **Int.Cl. F03B 5/00 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **WATER CURRENT TURBINE ARRANGEMENTS AND GROUP CONTROL**
[54] **ENSEMBLES DE TURBINES A COURANT D'EAU ET COMMANDE GROUPEE**
[72] VIGARS, PAUL, GB
[71] TIDAL GENERATION LIMITED, GB
[85] 2013-06-19
[86] 2011-12-05 (PCT/GB2011/052398)
[87] (WO2012/085531)
[30] GB (1021803.0) 2010-12-23

[21] **2,822,364**
[13] A1
[51] **Int.Cl. C08K 5/41 (2006.01) C09D 183/02 (2006.01)**
[25] EN
[54] **LOW HUMIDITY CURE FOR MOISTURE CURABLE COATINGS**
[54] **DURCISSAGE BASSE HUMIDITE POUR REVETEMENTS DURCISSABLES PAR L'HUMIDITE**
[72] CROWLEY, STEPHEN JOHN, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2013-06-19
[86] 2011-12-23 (PCT/EP2011/073938)
[87] (WO2012/089659)
[30] US (61/428,346) 2010-12-30

[21] **2,822,365**
[13] A1
[51] **Int.Cl. G01V 11/00 (2006.01)**
[25] EN
[54] **QUALITY CONTROL OF SUB-SURFACE AND WELLBORE POSITION DATA**
[54] **CONTROLE DE LA QUALITE DE DONNEES DE POSITION DE SOUS-SURFACE ET DE PUITS DE FORAGE**
[72] NYRNES, ERIK, NO
[72] SMISETH, JO, NO
[72] BRUUN, BJORN TORSTEIN, NO
[72] NIVLET, PHILIPPE, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/073695)
[87] (WO2012/085159)
[30] GB (1021542.4) 2010-12-21

[21] **2,822,366**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 31/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ACTIVE PROTEASE-RESISTANT ANTIBODY FC MUTANTS**
[54] **MUTANTS FC ACTIFS D'ANTICORPS RESISTANTS A UNE PROTEASE**
[72] STROHL, WILLIAM, US
[72] JORDAN, ROBERT, US
[72] BREZSKI, RANDALL, US
[71] JANSSEN BIOTECH, INC., US
[85] 2013-06-19
[86] 2011-12-15 (PCT/US2011/065174)
[87] (WO2012/087746)
[30] US (61/426,619) 2010-12-23
[30] US (61/540,882) 2011-09-29

[21] **2,822,367**
[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/09 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **DNA EXPRESSION CONSTRUCT**
[54] **PRODUIT DE RECOMBINAISON D'ADN UTILISABLE A DES FINS D'EXPRESSION GENIQUE**
[72] SCHROFF, MATTHIAS, DE
[72] KLEUSS, CHRISTIANE, DE
[72] KAPP, KERSTIN, DE
[71] MOLOGEN AG, DE
[85] 2013-06-19
[86] 2011-12-23 (PCT/EP2011/073984)
[87] (WO2012/085282)
[30] GB (1021873.3) 2010-12-23

[21] **2,822,368**
[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 24/00 (2009.01) H04W 52/24 (2009.01)**
[25] EN
[54] **RACH PROCEDURES AND POWER LEVEL FOR MTC DEVICES**
[54] **PROCEDURES RACH ET NIVEAU DE PUISSANCE POUR DISPOSITIFS MTC**
[72] KREUZER, WERNER, DE
[72] HOLE, DAVID PHILLIP, GB
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-06-19
[86] 2011-12-20 (PCT/CA2011/050785)
[87] (WO2012/083450)
[30] EP (10196352.8) 2010-12-21

[21] **2,822,369**
[13] A1
[51] **Int.Cl. C12Q 1/26 (2006.01) C12Q 1/32 (2006.01)**
[25] EN
[54] **METHODS AND COMPOUNDS FOR DETECTING CANCER**
[54] **PROCEDES ET COMPOSES POUR DETECTER UN CANCER**
[72] WEEKS, IAN, GB
[72] JAFFAR, MOHAMMED, GB
[72] KNOX, RICHARD, GB
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
[85] 2013-06-19
[86] 2011-12-08 (PCT/GB2011/052430)
[87] (WO2012/085532)
[30] GB (1021494.8) 2010-12-20

[21] **2,822,372**
[13] A1
[51] **Int.Cl. E01B 1/00 (2006.01) E01B 29/00 (2006.01) E01C 9/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SLAB TRACKWAY**
[54] **PROCEDE DE REALISATION D'UNE VOIE FIXE**
[72] LABORENZ, PETER, CH
[72] KIEFER, BRUNO, CH
[72] HENGELMANN, ANABEL, CH
[71] SONNEVILLE AG, CH
[85] 2013-06-19
[86] 2011-12-23 (PCT/EP2011/074024)
[87] (WO2012/089697)
[30] EP (10197028.3) 2010-12-27

[21] **2,822,373**
[13] A1
[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
[71] L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCE DES 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

[21] **2,822,374**
[13] A1
[51] **Int.Cl. A47K 10/18 (2006.01)**
[25] EN
[54] **DISPENSING SYSTEM COMPRISING HOLDER AND DISPENSING PACKAGE**
[54] **SYSTEME DE DISTRIBUTION COMPORTANT UN SUPPORT ET UN ENSEMBLE DE DISTRIBUTION**
[72] NORDLUND, CECILIA, SE
[72] SPORRE THORBURN, ANNIE, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2013-06-19
[86] 2010-12-21 (PCT/SE2010/051448)
[87] (WO2012/087202)

[21] **2,822,377**
[13] A1
[51] **Int.Cl. C12N 15/117 (2010.01)**
[25] EN
[54] **NON-CODING IMMUNOMODULATORY DNA CONSTRUCT**
[54] **CONSTRUCTION D'ADN IMMUNOMODULATEUR NON CODANT**
[72] SCHROFF, MATTHIAS, DE
[72] KLEUSS, CHRISTIANE, DE
[72] KAPP, KERSTIN, DE
[71] MOLOGEN AG, DE
[85] 2013-06-19
[86] 2011-12-23 (PCT/EP2011/074033)
[87] (WO2012/085291)
[30] GB (1021867.5) 2010-12-23

[21] **2,822,378**
[13] A1
[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/4184 (2006.01) A61K 31/4188 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 25/28 (2006.01) C07D 235/02 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 491/20 (2006.01)**
[25] EN
[54] **COMPOUNDS AND THEIR USE AS BACE INHIBITORS**
[54] **COMPOSES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE BACE**
[72] CSJERNYIK, GABOR, SE
[72] KARLSTROM, SOFIA, SE
[72] KERS, ANNIKA, SE
[72] KOLMODIN, KARIN, SE
[72] NYLOF, MARTIN, SE
[72] OHBERG, LISELOTTE, SE
[72] RAKOS, LASZLO, SE
[72] SANDBERG, LARS, SE
[72] SEHGELMEBLE, FERNANDO, SE
[72] SODERMAN, PETER, SE
[72] SWAHN, BRITT-MARIE, SE
[72] VON BERG, STEFAN, SE
[71] ASTRAZENECA AB, SE
[85] 2013-06-19
[86] 2011-12-21 (PCT/SE2011/051555)
[87] (WO2012/087237)
[30] US (61/425,852) 2010-12-22
[30] US (61/529,620) 2011-08-31

[21] **2,822,379**
[13] A1
[51] **Int.Cl. F03D 3/04 (2006.01) F03D 7/06 (2006.01)**
[25] EN
[54] **WIND TURBINE WITH VERTICAL AXIS**
[54] **TURBINE EOLIENNE A AXE VERTICAL**
[72] BAETENS, JOAN, BE
[72] DACUS, WALTER, BE
[71] BAETENS, JOAN, BE
[71] DACUS, WALTER, BE
[85] 2013-06-19
[86] 2011-12-29 (PCT/EP2011/074228)
[87] (WO2012/089806)
[30] BE (2010/0755) 2010-12-31

[21] **2,822,380**
[13] A1
[51] **Int.Cl. F03B 17/00 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **HORIZONTAL-AXIS HYDROKINETIC WATER TURBINE SYSTEM**
[54] **SYSTEME DE TURBINE A EAU HYDROCINETIQUE A AXE HORIZONTAL**
[72] RAJADHYAKSHA, V. V., US
[72] HUFF, ROGER SAM, US
[72] CHERIAN, MOOKENCHERIL P., US
[71] DLZ CORPORATION, US
[85] 2013-06-18
[86] 2012-07-26 (PCT/US2012/048351)
[87] (WO2013/016543)
[30] US (13/191,537) 2011-07-27
[30] US (13/558,891) 2012-07-26

[21] **2,822,381**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR MITRAL VALVE REPAIR AND REPLACEMENT**
[54] **SYSTEME DE REPARATION ET REMPLACEMENT DE VALVULE MITRALE**
[72] GIFFORD, HANSON S., III, US
[72] FANN, JAMES I., US
[72] MORRISS, JOHN, US
[72] DEEM, MARK, US
[72] GRAINGER, JEFFRY J., US
[71] FOUNDRY NEWCO XII, INC., US
[85] 2013-06-19
[86] 2011-12-16 (PCT/US2011/065627)
[87] (WO2012/087842)
[30] US (61/460,041) 2010-12-23
[30] US (61/499,630) 2011-06-21

[21] **2,822,383**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD FOR COMBINED CLEANING AND PLUGGING IN A WELL, A WASHING TOOL FOR DIRECTIONAL WASHING IN A WELL, AND USES THEREOF**
[54] **PROCEDE POUR COMBINER UN NETTOYAGE ET UN BOUCHAGE DANS UN PUITS, OUTIL DE LAVAGE POUR LAVAGE DIRECTIONNEL DANS UN PUITS, ET LEURS UTILISATIONS**
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] ANDERSEN, PATRICK, NO
[72] SØRHUS, ATLE JOHNNY, NO
[72] MYHRE, MORTEN, NO
[71] HYDRA SYSTEMS AS, NO
[85] 2013-06-19
[86] 2012-01-09 (PCT/NO2012/000001)
[87] (WO2012/096580)
[30] NO (20110049) 2011-01-12
[30] NO (20111641) 2011-11-28

[21] **2,822,384**
[13] A1
[51] **Int.Cl. C08F 8/32 (2006.01) B01D 21/01 (2006.01) C01B 21/14 (2006.01) C01F 7/06 (2006.01) C08F 2/32 (2006.01) C08F 20/02 (2006.01) C08F 20/56 (2006.01)**
[25] EN
[54] **MICRODISPERSIONS OF HYDROXAMATED POLYMERS AND METHODS OF MAKING AND USING THEM**
[54] **MICRODISPERSIONS DE POLYMERES HYDROXAMATES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LEWELLYN, MORRIS, US
[72] ROTHENBERG, ALAN S., US
[72] CHEN, HAUNN-LIN TONY, US
[72] MAGLIOCCO, LINO G., US
[72] SASSI, THOMAS P., US
[71] CYTEC TECHNOLOGY CORP., US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065718)
[87] (WO2012/087862)
[30] US (61/425,555) 2010-12-21

[21] **2,822,385**
[13] A1
[51] **Int.Cl. C07K 14/76 (2006.01) A61K 38/38 (2006.01) A61P 29/00 (2006.01) G01N 33/533 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **ANTI-INFLAMMATORY PROTEINS AND METHODS OF PREPARATION AND USE THEREOF**
[54] **PROTEINES ANTI-INFLAMMATOIRES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CELLES-CI**
[72] BEAN, AMANDA, NZ
[72] MOLAN, PETER, NZ
[72] CURSONS, RAY, NZ
[72] WILKINS, RICHARD, NZ
[71] MANUKAMED LIMITED, NZ
[85] 2013-06-19
[86] 2011-12-22 (PCT/NZ2011/000271)
[87] (WO2012/087160)
[30] NZ (590143) 2010-12-22

[21] **2,822,387**
[13] A1
[51] **Int.Cl. G01C 1/04 (2006.01) G01C 7/00 (2006.01) G01C 15/00 (2006.01) G01C 15/06 (2006.01)**
[25] EN
[54] **GEODESIC MEASURING DEVICE COMPRISING A THERMOGRAPHIC CAMERA**
[54] **APPAREIL DE MESURE GEODESIQUE A CAMERA THERMOGRAPHIQUE**
[72] ZIMMERMANN, JAN, CH
[72] KOTZUR, NORBERT, CH
[72] MOLLER, BERND, CH
[72] SIEBER, STEFAN, CH
[72] LEGRAND, VINCENT, FR
[71] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-19
[86] 2012-01-10 (PCT/EP2012/050302)
[87] (WO2012/095417)
[30] EP (11150516.0) 2011-01-10

[21] **2,822,388**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) A01N 33/12 (2006.01) A01N 59/00 (2006.01)**
[25] EN
[54] **USE OF SYNERGISTIC FORMULATIONS CONTAINING PEROXIDE AND QUATERNARY AMMONIUM TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION**
[54] **UTILISATION DE FORMULATIONS SYNERGIQUES CONTENANT DU PEROXIDE ET DE L'AMMONIUM QUATERNAIRE POUR REDUIRE LA CROISSANCE DE MICRO-ORGANISMES CONTAMINANTS DANS LA FERMENTATION DE L'ETHANOL**
[72] OKULL, DERRICK OTIENO, US
[72] SOLOMON, ETHAN BARUCH, US
[72] SUMNER, ERIC GUY, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066311)
[87] (WO2012/088191)
[30] US (61/425,058) 2010-12-20

[21] **2,822,391**
[13] A1
[51] **Int.Cl. H04B 1/66 (2006.01)**
[25] EN
[54] **ENHANCED INTRA-PREDICTION CODING USING PLANAR REPRESENTATIONS**
[54] **CODAGE PREDICTIF INTRA AMELIORE UTILISANT DES REPRESENTATIONS PLANES**
[72] BOSSEN, FRANK JAN, US
[72] KANUMURI, SANDEEP, US
[71] NTT DOCOMO, INC., JP
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066359)
[87] (WO2012/088211)
[30] US (61/425,670) 2010-12-21
[30] US (61/449,528) 2011-03-04

[21] **2,822,393**
[13] A1
[51] **Int.Cl. A61L 15/46 (2006.01) A61L 15/28 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE COMPRISING CYCLODEXTRIN COMPLEX**
[54] **ARTICLE ABSORBANT COMPRENANT UN COMPLEXE DE CYCLODEXTRINE**
[72] CAPUTI, MARIANGELA, IT
[72] POURCEL, MAGALI, IT
[72] TORDONE, ADELIA ALESSANDRA, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066400)
[87] (WO2012/088231)
[30] EP (10015886.4) 2010-12-21
[30] EP (10015887.2) 2010-12-21
[30] EP (11157083.4) 2011-03-04

[21] **2,822,394**
[13] A1
[51] **Int.Cl. B01J 7/02 (2006.01) C01B 3/06 (2006.01)**
[25] FR
[54] **SELF-REGULATED PRODUCTION, UNDER SUBMERGED CONDITIONS, OF A GAS GENERATED BY CHEMICAL REACTION BETWEEN A LIQUID AND A SOLID; ASSOCIATED DEVICE**
[54] **PRODUCTION AUTOREGULEE, EN CONDITION IMMERGEE, D'UN GAZ GENERE PAR REACTION CHIMIQUE ENTRE UN LIQUIDE ET UN SOLIDE; DISPOSITIF ASSOCIE**
[72] GONTHIER, GILLES, FR
[72] YVART, PIERRE, FR
[72] PERUT, CHRISTIAN, FR
[71] HERAKLES, FR
[71] HERAKLES, FR
[85] 2013-06-19
[86] 2011-12-28 (PCT/FR2011/053201)
[87] (WO2012/089984)
[30] FR (1061374) 2010-12-30

[21] **2,822,395**
[13] A1
[51] **Int.Cl. B29C 43/18 (2006.01)**
[25] EN
[54] **METHODS FOR FOIL STAMPING PARTS HAVING ASYMMETRICAL EDGES**
[54] **PROCEDES DESTINES A DES PIECES D'ESTAMPAGE AYANT DES BORDS ASYMETRIQUES**
[72] TIILIKKA, NORM H., US
[72] BORRERO, SUSANA E., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066413)
[87] (WO2013/085548)
[30] US (61/425,923) 2010-12-22

[21] **2,822,397**
[13] A1
[51] **Int.Cl. H05B 3/20 (2006.01) H05B 3/34 (2006.01)**
[25] EN
[54] **PANEL WITH HEATED LAYER**
[54] **PANNEAU AVEC COUCHE CHAUFFEE**
[72] KOBER, JEFFREY F., US
[72] DESIGN, JAMES E., US
[72] TOMMET, JOHN J., US
[71] MILWAUKEE COMPOSITES, INC., US
[85] 2013-06-19
[86] 2010-12-21 (PCT/US2010/061519)
[87] (WO2012/087294)

[21] **2,822,398**
[13] A1
[51] **Int.Cl. A46B 11/00 (2006.01)**
[25] EN
[54] **LIQUID DISPENSING ORAL CARE IMPLEMENT WITH LOW PROFILE PUMP**
[54] **INSTRUMENT POUR SOINS BUCCAUX A DISTRIBUTION DE LIQUIDE AVEC POMPE A PROFIL BAS**
[72] WU, DONGHUI, US
[72] GATZEMEYER, JOHN J., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-19
[86] 2010-12-23 (PCT/US2010/061950)
[87] (WO2012/087322)

[21] **2,822,399**
[13] A1
[51] **Int.Cl. C03C 17/36 (2006.01)**
[25] FR
[54] **SUBSTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES, IN PARTICULAR FOR MANUFACTURING HEATED GLASS**
[54] **SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES, EN PARTICULIER POUR REALISER UN VITRAGE CHAUFFANT**
[72] LAURENT, STEPHANE, FR
[72] DRESE, ROBERT, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2013-06-19
[86] 2012-01-06 (PCT/FR2012/050041)
[87] (WO2012/093238)
[30] FR (1150087) 2011-01-06

[21] **2,822,400**
[13] A1
[51] **Int.Cl. C07D 487/08 (2006.01) C08G 18/20 (2006.01)**
[25] EN
[54] **NOVEL CYCLIC AMINE COMPOUND AND PROCESS FOR PRODUCING POLYURETHANE RESIN BY USING IT**
[54] **NOUVEAU COMPOSE D'AMINE CYCLIQUE ET PROCEDE DE FABRICATION D'UNE RESINE DE POLYURETHANE L'UTILISANT**
[72] KISO, HIROYUKI, JP
[72] SUZUKI, TAKAO, JP
[72] TAKAHASHI, YOSHIHIRO, JP
[71] TOSOH CORPORATION, JP
[85] 2013-06-19
[86] 2011-12-22 (PCT/JP2011/079923)
[87] (WO2012/086807)
[30] JP (2010-286693) 2010-12-22
[30] JP (2010-288889) 2010-12-24
[30] JP (2010-291795) 2010-12-28
[30] JP (2011-229142) 2011-10-18
[30] JP (2011-229143) 2011-10-18
[30] JP (2011-241495) 2011-11-02
[30] JP (2011-256401) 2011-11-24

[21] **2,822,401**
[13] A1
[51] **Int.Cl. C07C 7/148 (2006.01) B01J 23/78 (2006.01) C07C 11/04 (2006.01) C07C 11/06 (2006.01) C07C 11/167 (2006.01) C07C 11/18 (2006.01) C07C 15/46 (2006.01)**
[25] EN
[54] **PROCESS AND CATALYST FOR SELECTIVE REMOVAL OF ACETYLENES FROM GASEOUS STREAMS**
[54] **PROCEDE ET CATALYSEUR UTILISES POUR L'ELIMINATION SELECTIVE DES ACETYLENES DANS LES COURANTS GAZEUX**
[72] DUFF, JOSEPH G., US
[72] MCFARLAND, CECIL G., US
[71] TPC GROUP LLC, US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066434)
[87] (WO2012/088245)
[30] US (61/459,978) 2010-12-22

[21] **2,822,402**
[13] A1
[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/02 (2006.01) A61K 8/29 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **FILMS AND COMPOSITIONS COMPRISING THE SAME**
[54] **FILMS ET COMPOSITIONS LES COMPRENANT**
[72] MARTINETTI, MELISSA A., US
[72] NESTA, JASON, US
[72] LEIGH, LEONORA, US
[72] BOYD, THOMAS, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-06-19
[86] 2010-12-23 (PCT/US2010/061962)
[87] (WO2012/087328)

[21] **2,822,403**
[13] A1
[51] **Int.Cl. G01D 11/30 (2006.01) G01D 11/24 (2006.01)**
[25] EN
[54] **AUTOMATIC METER READING COMPONENTS**
[54] **ELEMENTS CONSTITUTIFS POUR LA LECTURE AUTOMATIQUE DE COMPTEURS**
[72] WAHAB, MOHAMED, GB
[72] WILLIAMS, DAVID, GB
[72] FRANCIS, LEE, GB
[72] MIDDLETON, MATTHEW, GB
[71] METERMIMIC LIMITED, GB
[85] 2013-06-19
[86] 2011-12-21 (PCT/GB2011/052540)
[87] (WO2012/085565)
[30] GB (1021652.1) 2010-12-21

[21] **2,822,405**
[13] A1
[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **POWER GENERATING EQUIPMENT**
[54] **EQUIPEMENT DE GENERATION D'ENERGIE**
[72] VIGARS, PAUL, GB
[72] HAWORTH, DANIEL, GB
[72] HUXLEY-REYNARD, CHRISTOPHER, GB
[72] SMITH, ALAN, GB
[71] TIDAL GENERATION LIMITED, GB
[85] 2013-06-19
[86] 2011-12-05 (PCT/GB2011/052397)
[87] (WO2012/085530)
[30] GB (1021800.6) 2010-12-23

[21] **2,822,406**
[13] A1
[51] **Int.Cl. B01F 13/00 (2006.01) A61M 5/14 (2006.01) A61M 5/168 (2006.01) B01F 13/10 (2006.01) B01F 15/02 (2006.01)**
[25] FR
[54] **DEVICE FOR MIXING AT LEAST TWO CONSTITUENTS**
[54] **DISPOSITIF POUR MELANGER AU MOINS DEUX CONSTITUANTS**
[72] DEHAN, CHRISTOPHE, FR
[72] LAMY, DIDIER, FR
[71] EVEON, FR
[85] 2013-06-19
[86] 2011-12-19 (PCT/FR2011/053054)
[87] (WO2012/085428)
[30] FR (1061242) 2010-12-24

[21] **2,822,407**
[13] A1
[51] **Int.Cl. H01J 49/40 (2006.01)**
[25] EN
[54] **IMPROVED SPACE FOCUS TIME OF FLIGHT MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE A TEMPS DE VOL A FOCALISATION SPATIALE AMELIORE**
[72] HOYES, JOHN BRIAN, GB
[72] LANGRIDGE, DAVID J., GB
[72] WILDGOOSE, JASON LEE, GB
[71] MICROMASS UK LIMITED, GB
[85] 2013-06-19
[86] 2011-12-22 (PCT/GB2011/052576)
[87] (WO2012/085594)
[30] GB (1021840.2) 2010-12-23
[30] US (61/432,837) 2011-01-14

[21] **2,822,408**
[13] A1
[51] **Int.Cl. B23Q 3/08 (2006.01) B25B 11/00 (2006.01)**
[25] FR
[54] **DEVICE FORMING A WORKPIECE CLAMP**
[54] **DISPOSITIF FORMANT PLOT DE BRIDAGE**
[72] THIBAUT, JACQUES, FR
[72] THIBAUT, CHRISTOPHE, FR
[71] THIBAUT, FR
[85] 2013-06-19
[86] 2011-12-20 (PCT/FR2011/053087)
[87] (WO2012/085446)
[30] FR (1060828) 2010-12-20

[21] **2,822,409**
[13] A1
[51] **Int.Cl. C08J 7/16 (2006.01) C25D 9/02 (2006.01)**
[25] FR
[54] **METHOD FOR COATING A SURFACE OF A SUBSTRATE WITH A POLYMER LAYER BY ELECTROCATALYSED CHEMICAL GRAFTING**
[54] **PROCEDE DE REVETEMENT PAR GREFFAGE CHIMIQUE ELECTROCATALYSE D'UNE SURFACE D'UN SUBSTRAT PAR UNE COUCHE POLYMERE**
[72] ROUSSEL, SEBASTIEN, FR
[72] LAURENT, MATTHIEU, FR
[72] MAENNEL, CHRISTIAN, FR
[71] PEGASTECH, FR
[85] 2013-06-19
[86] 2011-12-21 (PCT/FR2011/053131)
[87] (WO2012/085462)
[30] FR (1061022) 2010-12-22
[30] US (61/426,067) 2010-12-22

[21] **2,822,410**
[13] A1
[51] **Int.Cl. C07F 15/00 (2006.01) A61K 31/282 (2006.01) C07K 5/00 (2006.01)**
[25] FR
[54] **NOVEL PLATINUM-CARBENE COMPLEXES AND USE THEREOF AS MEDICAMENTS**
[54] **NOUVEAUX COMPLEXES CARBENIQUES DE PLATINE ET LEUR UTILISATION COMME MEDICAMENTS**
[72] BELLEMIN-LAPONNAZ, STEPHANE, FR
[72] GUICHARD, GILLES, FR
[72] CHARDON, EDITH, FR
[71] UNIVERSITE DE STRASBOURG, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2013-06-19
[86] 2011-12-22 (PCT/FR2011/053148)
[87] (WO2012/085475)
[30] FR (10/61227) 2010-12-23

[21] **2,822,411**
[13] A1
[51] **Int.Cl. C07F 15/00 (2006.01) C07K 5/00 (2006.01)**
[25] FR
[54] **PROCESS FOR PREPARING PLATINUM-CARBENE COMPLEXES**
[54] **PROCEDE DE PREPARATION DE COMPLEXES CARBENIQUES DE PLATINE**
[72] BELLEMIN-LAPONNAZ, STEPHANE, FR
[72] GUICHARD, GILLES, FR
[72] CHARDON, EDITH, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE STRASBOURG, FR
[85] 2013-06-19
[86] 2011-12-22 (PCT/FR2011/053155)
[87] (WO2012/085479)
[30] FR (10/61228) 2010-12-23

[21] **2,822,412**
[13] A1
[51] **Int.Cl. F23D 14/06 (2006.01)**
[25] EN
[54] **GAS BURNER**
[54] **BRULEUR A GAZ**
[72] BETTINZOLI, ANGELO, IT
[71] SABAF S.P.A., IT
[85] 2013-06-19
[86] 2010-12-22 (PCT/IB2010/003324)
[87] (WO2012/085610)

[21] **2,822,414**
[13] A1
[51] **Int.Cl. E02D 29/02 (2006.01) E02D 37/00 (2006.01)**
[25] FR
[54] **METHOD FOR MODIFYING A STRUCTURE WITH A REINFORCED FLOOR**
[54] **PROCEDE DE MODIFICATION D'UN OUVRAGE EN SOL RENFORCE**
[72] FREITAG, NICOLAS, FR
[71] TERRE ARMEE INTERNATIONALE, FR
[85] 2013-06-19
[86] 2011-12-22 (PCT/FR2011/053166)
[87] (WO2012/085486)
[30] FR (10 61210) 2010-12-23

[21] **2,822,420**
[13] A1
[51] **Int.Cl. D04C 1/02 (2006.01) B29C 70/38 (2006.01) D04C 3/00 (2006.01)**
[25] EN
[54] **TEXTILE MATERIALS COMPRISING TAPES IN TWO OBLIQUE ORIENTATIONS AND ITS METHOD AND MEANS FOR PRODUCTION**
[54] **MATERIAUX TEXTILES COMPRENANT DES RUBANS DANS DEUX ORIENTATIONS OBLIQUES ET SON PROCEDE ET SES MOYENS DE PRODUCTION**
[72] KHOKAR, NANDAN, SE
[71] TAPE WEAVING SWEDEN AB, SE
[85] 2013-06-19
[86] 2012-01-20 (PCT/EP2012/050820)
[87] (WO2012/098209)
[30] EP (11151534.2) 2011-01-20

[21] **2,822,422**
[13] A1
[51] **Int.Cl. A61K 8/37 (2006.01) A61K 8/35 (2006.01) A61K 8/65 (2006.01) A61K 8/66 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ENZYMATIC PERACID GENERATION FOR USE IN ORAL CARE PRODUCTS**
[54] **GENERATION ENZYMATIQUE DE PERACIDE POUR UNE UTILISATION DANS DES PRODUITS DE SOINS BUCCAUX**
[72] BUTTERICK, LISA A., US
[72] CUNNINGHAM, SCOTT D., US
[72] DICOSIMO, ROBERT, US
[72] FOSSER, KARI A., US
[72] GRUBER, TANJA MARIA, US
[72] HAYNIE, SHARON L., US
[72] PAYNE, MARK S., US
[72] ROUVIERE, PIERRE E., US
[72] WANG, HONG, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065912)
[87] (WO2012/087970)
[30] US (61/424,903) 2010-12-20

[21] **2,822,423**
[13] A1
[51] **Int.Cl. C10J 3/72 (2006.01) C02F 3/28 (2006.01) C10J 3/00 (2006.01) C10J 3/20 (2006.01) C10L 9/00 (2006.01) F01K 17/02 (2006.01) F01K 17/04 (2006.01) F01K 17/06 (2006.01)**
[25] EN
[54] **STEAM DELIVERY SYSTEM FOR BIOMASS PROCESSING**
[54] **SYSTEME DE DISTRIBUTION DE VAPEUR POUR LE TRAITEMENT DE LA BIOMASSE**
[72] JORGENSEN, HENRIK BOYE, DK
[72] ANDERSEN, HENNING, DK
[71] INBICON A/S, DK
[85] 2013-06-19
[86] 2011-12-21 (PCT/IB2011/055852)
[87] (WO2012/085860)
[30] US (61/425,251) 2010-12-21

[21] **2,822,424**
[13] A1
[51] **Int.Cl. F23N 1/00 (2006.01) F16K 31/06 (2006.01) F24D 9/00 (2006.01)**
[25] EN
[54] **GAS CONTROL UNIT FOR BOILER**
[54] **BLOC DE COMMANDE DE GAZ POUR CHAUDIERE**
[72] LEE, CHANG-HOON, KR
[72] MOON, KUK-CHAN, KR
[72] KIM, SEONG-JUN, KR
[72] PARK, KANG-WOO, KR
[71] UNICK CORPORATION, KR
[85] 2013-06-19
[86] 2011-11-29 (PCT/KR2011/009149)
[87] (WO2012/086936)
[30] KR (10-2010-0131631) 2010-12-21
[30] KR (10-2011-0115028) 2011-11-07

[21] **2,822,425**
[13] A1
[51] **Int.Cl. F23N 1/00 (2006.01) F16K 31/06 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **GAS CONTROL APPARATUS FOR BOILER**
[54] **DISPOSITIF DE COMMANDE DE GAZ POUR CHAUDIERE**
[72] LEE, CHANG-HOON, KR
[72] MOON, KUK-CHAN, KR
[72] KIM, SEONG-JUN, KR
[72] PARK, KANG-WOO, KR
[71] UNICK CORPORATION, KR
[85] 2013-06-19
[86] 2011-11-29 (PCT/KR2011/009152)
[87] (WO2012/086937)
[30] KR (10-2010-0131647) 2010-12-21

[21] **2,822,426**
[13] A1
[51] **Int.Cl. A61F 5/443 (2006.01)**
[25] EN
[54] **OSTOMY DEVICE**
[54] **DISPOSITIF POUR STOMIE**
[72] RAMJIT, RAVI, US
[72] KENG, TA KANG, US
[71] EUROMED INC., US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066236)
[87] (WO2012/088147)
[30] US (61/424,899) 2010-12-20

[21] **2,822,427**
[13] A1
[51] **Int.Cl. E04H 3/16 (2006.01)**
[25] EN
[54] **CLIP FOR ATTACHING A POOL COVER**
[54] **ATTACHE POUR ATTACHER UN REVETEMENT DE BASSIN**
[72] KIESEL, JOSEPH A., US
[72] CORDRAY, STEVEN J., US
[71] KIESEL, JOSEPH A., US
[71] CORDRAY, STEVEN J., US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066029)
[87] (WO2012/088040)
[30] US (61/425,618) 2010-12-21

[21] **2,822,428**
[13] A1
[51] **Int.Cl. A61B 17/20 (2006.01)**
[25] EN
[54] **MICRONEEDLE PATCH APPLICATOR**
[54] **APPLICATEUR DE TIMBRE A MICRO-AIGUILLES**
[72] MCALLISTER, DEVIN V., US
[71] VALERITAS, INC., US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066248)
[87] (WO2012/088154)
[30] US (61/426,199) 2010-12-22

[21] **2,822,429**
[13] A1
[51] **Int.Cl. A61L 31/06 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **POLYMER STENTS AND METHODS OF MANUFACTURE**
[54] **ENDOPROTHESES POLYMERES ET LEURS PROCEDES DE FABRICATION**
[72] KARINO, WATARU, US
[72] PLOTKIN, STEVEN, US
[72] CRUISE, GREGORY M., US
[72] TROM, STEVE, US
[71] MICROVENTION, INC., US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066265)
[87] (WO2012/088162)
[30] US (61/425,175) 2010-12-20
[30] US (61/427,773) 2010-12-28

[21] **2,822,430**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01)**
[25] EN
[54] **USE OF SYNERGISTIC FORMULATIONS CONTAINING STABILIZED CHLORINE DIOXIDE AND PEROXIDE TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION**
[54] **UTILISATION DE FORMULATIONS SYNERGIQUES CONTENANT DU DIOXYDE DE CHLORE STABILISE ET DU PEROXYDE POUR REDUIRE LA CROISSANCE DE MICRO-ORGANISMES CONTAMINANTS DANS LA FERMENTATION DE L'ETHANOL**
[72] SOLOMON, ETHAN BARUCH, US
[72] OKULL, DERRICK OTIENO, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066294)
[87] (WO2012/088180)
[30] US (61/425,032) 2010-12-20

[21] **2,822,431**
[13] A1
[51] **Int.Cl. B61B 7/02 (2006.01) B61B 12/02 (2006.01) B61B 12/04 (2006.01)**
[25] EN
[54] **CABLE TRANSPORTATION SYSTEM WITH AT LEAST ONE HAUL CABLE AND A TROLLEY, AND RELATIVE OPERATING METHOD**
[54] **SYSTEME DE TRANSPORT PAR CABLE DOTE AU MOINS D'UN CABLE PORTEUR ET D'UN CHARIOT, ET SON PROCEDE DE FONCTIONNEMENT**
[72] WIESER, HARTMUT, IT
[72] ERHARTER, NIKOLAUS, IT
[71] ROLIC INTERNATIONAL S.A R.L., LU
[85] 2013-06-19
[86] 2011-12-22 (PCT/IB2011/055918)
[87] (WO2012/085883)
[30] IT (MI2010A002374) 2010-12-22

[21] **2,822,432**
[13] A1
[51] **Int.Cl. C07D 265/18 (2006.01) A61K 31/536 (2006.01) A61K 31/538 (2006.01) A61P 35/00 (2006.01) C07D 265/36 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **BICYCLIC PKM2 ACTIVATORS**
[54] **ACTIVATEURS BICYCLIQUES DE PKM2**
[72] SALITURO, FRANCESCO G., US
[72] SAUNDERS, JEFFREY O., US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066595)
[87] (WO2012/088314)
[30] US (61/425,557) 2010-12-21
[30] US (61/425,499) 2010-12-21
[30] US (61/425,513) 2010-12-21
[30] US (61/425,528) 2010-12-21

[21] **2,822,433**
[13] A1
[51] **Int.Cl. G07C 3/02 (2006.01) H01J 17/06 (2006.01) H01J 61/09 (2006.01) H05B 41/14 (2006.01)**
[25] EN
[54] **HOLLOW CATHODE LAMP ELAPSED TIME RECORDING SYSTEM**
[54] **SYSTEME D'ENREGISTREMENT DE TEMPS ECOULE DE LAMPE A CATHODE CREUSE**
[72] YEE, TACK-BOON, SG
[72] CARRASCO, SUNITA, US
[72] HAGAR, DAVID, US
[71] PERKINELMER SINGAPORE PTE LTD., SG
[71] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2013-06-19
[86] 2010-12-30 (PCT/US2010/062583)
[87] (WO2012/091724)

[21] **2,822,434**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01)**
[25] EN
[54] **USE OF SYNERGISTIC FORMULATIONS CONTAINING STABILIZED CHLORINE DIOXIDE AND QUATERNARY AMMONIUM TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION**
[54] **UTILISATION DE FORMULATIONS SYNERGIQUES CONTENANT DU DIOXYDE DE CHLORE STABILISE ET DE L'AMMONIUM QUATERNAIRE POUR REDUIRE LA CROISSANCE DE MICRO-ORGANISMES CONTAMINANTS DANS LA FERMENTATION DE L'ETHANOL**
[72] OKULL, DERRICK OTIENO, US
[72] SOLOMON, ETHAN BARUCH, US
[72] JORGE, PEDRO GONCALO CARVALHAIS TEIXEIRA DIAS, BR
[72] BIAZI, LUIZ EDUARDO, BR
[72] GLYNN, SCOTT C., US
[71] E. I. DU PONT DE NEMOURS & COMPANY, US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066298)
[87] (WO2012/096766)
[30] US (61/425,037) 2010-12-20

[21] **2,822,435**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 31/56 (2006.01) A61K 31/575 (2006.01)**
[25] EN
[54] **MODULATION OF SOLUBILITY, STABILITY, ABSORPTION, METABOLISM, AND PHARMACOKINETIC PROFILE OF LIPOPHILIC DRUGS BY STEROLS**
[54] **MODULATION DE LA SOLUBILITE, DE LA STABILITE, DE L'ABSORPTION, DU METABOLISME ET DU PROFIL PHARMACOCINETIQUE DE MEDICAMENTS LIPOPHILES PAR LES STEROLS**
[72] DHINGRA, OM, US
[71] DIFFERENTIAL DRUG DEVELOPMENT ASSOCIATES, LLC, US
[71] SOV THERAPEUTICS, US
[85] 2013-06-19
[86] 2010-12-31 (PCT/US2010/062649)
[87] (WO2011/082384)
[30] US (61/291,769) 2009-12-31

[21] **2,822,436**
[13] A1
[51] **Int.Cl. C01B 21/14 (2006.01) C01F 7/06 (2006.01) C08F 8/32 (2006.01) C08F 20/56 (2006.01)**
[25] EN
[54] **PROCESSES FOR REMOVING HYDRAZINE FORM HYDROXYLAMINE SOLUTIONS**
[54] **PROCEDES D'ELIMINATION D'HYDRAZINE DE SOLUTIONS D'HYDROXYLAMINE**
[72] LEWELLYN, MORRIS, US
[72] ROTHENBERG, ALAN S., US
[72] CHEN, HAUNN-LIN TONY, US
[72] MAGLIOCCO, LINO G., US
[72] SASSI, THOMAS P., US
[71] CYTEC TECHNOLOGY CORP., US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065719)
[87] (WO2012/087863)
[30] US (61/425,565) 2010-12-21

[21] **2,822,437**
[13] A1
[51] **Int.Cl. A61L 15/28 (2006.01) A61L 15/26 (2006.01) A61L 15/46 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE COMPRISING CYCLODEXTRIN COMPLEX**
[54] **ARTICLE ABSORBANT COMPRENANT UN COMPLEXE DE CYCLODEXTRINE**
[72] CAPUTI, MARIANGELA, IT
[72] POURCEL, MAGALI FABIENNE, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065758)
[87] (WO2012/087891)
[30] EP (10015886.4) 2010-12-21

[21] **2,822,438**
[13] A1
[51] **Int.Cl. G01N 17/02 (2006.01) G01N 27/26 (2006.01)**
[25] EN
[54] **CORROSION RESISTANCE EVALUATOR**
[54] **DISPOSITIF D'EVALUATION DE LA RESISTANCE A LA CORROSION**
[72] ZHANG, SHI HUA, US
[72] PELOSI, LORENZO FRED, US
[72] NAHAS, ROBERT C., US
[71] COATINGS FOREIGN IP CO. LLC, US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066622)
[87] (WO2012/088335)
[30] US (61/425,454) 2010-12-21

[21] **2,822,439**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/22 (2011.01) G06F 19/26 (2011.01)**
[25] EN
[54] **FETAL GENETIC VARIATION DETECTION**
[54] **DETECTION DE VARIATIONS GENETIQUES F□TALES**
[72] HIXSON, HARRY, US
[72] CANTOR, CHARLES R., US
[71] SEQUENOM, INC., US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066639)
[87] (WO2012/088348)
[30] US (61/427,054) 2010-12-23

[21] **2,822,440**
[13] A1
[51] **Int.Cl. A23L 1/29 (2006.01) A23C 9/20 (2006.01) A23L 1/307 (2006.01)**
[25] EN
[54] **IMPROVED TOLERANCE IN A LOW CALORIE INFANT FORMULA**
[54] **TOLERANCE AMELIOREE DANS UNE FORMULE POUR NOURRISSONS PEU CALORIQUE**
[72] CLINGER, CHRISTINE L., US
[72] MARRIAGE, BARBARA J., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-19
[86] 2011-12-21 (PCT/US2011/066668)
[87] (WO2012/092084)
[30] US (61/428,833) 2010-12-30

[21] **2,822,441**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01)**
[25] EN
[54] **USE OF A NITROGEN-FREE PEROXYGEN-RELEASING COMPOUND TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION**
[54] **UTILISATION D'UN COMPOSE NON AZOTE LIBERANT DU PEROXYGENE POUR REDUIRE LA CROISSANCE DE MICRO-ORGANISMES CONTAMINANTS DANS LA FERMENTATION DE L'ETHANOL**
[72] SOLOMON, ETHAN BARUCH, US
[72] OKULL, DERRICK OTIENO, US
[72] TUFANO, THOMAS PETER, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-19
[86] 2011-12-20 (PCT/US2011/066304)
[87] (WO2012/088185)
[30] US (61/425,049) 2010-12-20

[21] **2,822,442**
[13] A1
[51] **Int.Cl. C07K 14/575 (2006.01) A61K 38/22 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **CYCLIC CRF ANTAGONIST PEPTIDES**
[54] **PEPTIDES CYCLIQUES ANTAGONISTES DE LA CORTICOLIBERINE**
[72] RIVIER, JEAN E. F., US
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/066787)
[87] (WO2012/088397)
[30] US (61/426,428) 2010-12-22

[21] **2,822,443**
[13] A1
[51] **Int.Cl. C12N 7/01 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C07K 14/11 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **MODIFIED INFLUENZA HEMAGGLUTININ PROTEINS AND USES THEREOF**
[54] **PROTEINES DE TYPE HEMAGGLUTININE DU VIRUS DE LA GRIPPE MODIFIEES ET LEURS UTILISATIONS**
[72] SMITH, GALE, US
[72] LIU, YE, US
[72] MASSARE, MICHAEL, US
[72] SINGHVI, RAHUL, US
[71] NOVAVAX INC., US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/066867)
[87] (WO2012/088428)
[30] US (61/426,390) 2010-12-22

[21] **2,822,447**
[13] A1
[51] **Int.Cl. C07C 69/96 (2006.01)**
[25] EN
[54] **MULTI-API LOADING PRODRUGS**
[54] **PROMEDICAMENTS CHARGES DE MULTIPLES PRINCIPES ACTIFS**
[72] ZEIDAN, TAREK A., US
[72] BLUMBERG, LAURA COOK, US
[71] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/066900)
[87] (WO2012/088441)
[30] US (61/427,026) 2010-12-23

[21] **2,822,448**
[13] A1
[51] **Int.Cl. C01B 15/047 (2006.01) C22B 60/02 (2006.01)**
[25] FR
[54] **METHOD FOR CONVERTING UO3 AND/OR U3O8 INTO HYDRATED UO4**
[54] **PROCEDE DE CONVERSION D'UO3 ET/OU DE U3O8 EN UO4 HYDRATE**
[72] MOREL, BERTRAND, FR
[72] AMARAGGI, DAVID, FR
[72] ARAB, MEHDI, FR
[72] THOMAS, RUDY, FR
[72] RIVENET, MURIELLE, FR
[72] ABRAHAM, FRANCIS, FR
[71] COMURHEX SOCIETE POUR LA CONVERSION DE L'URANIUM EN METAL ET HEXAFLUORUR E, FR
[85] 2013-06-19
[86] 2011-12-16 (PCT/EP2011/073132)
[87] (WO2012/084740)
[30] FR (1061249) 2010-12-24

[21] **2,822,449**
[13] A1
[51] **Int.Cl. D04C 1/06 (2006.01) B29C 70/24 (2006.01) B29C 70/30 (2006.01) D04C 1/02 (2006.01) D04C 3/00 (2006.01) D04C 3/34 (2006.01) F16C 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR BRAIDING REINFORCING FIBRES WITH VARIATION IN THE INCLINATION OF THE BRAIDED FIBRES**
[54] **PROCEDE DE TRESSAGE DE FIBRES RENFORCANTES A VARIATION D'INCLINAISON DES FIBRES TRESSEES**
[72] MASSON, RICHARD, FR
[72] DESJOYEAUX, BERTRAND, FR
[72] BOUDIER, ROMAIN, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[71] AIRCELLE, FR
[85] 2013-06-19
[86] 2011-12-21 (PCT/EP2011/073692)
[87] (WO2012/085156)
[30] FR (1061259) 2010-12-24

[21] **2,822,451**
[13] A1
[51] **Int.Cl. G01N 1/30 (2006.01) G01N 1/31 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF HEMATOXYLIN STAINING**
[54] **PROCEDE DE MARQUAGE PAR L'HEMATOXYLINE**
[72] BARNES, BRYAN W., US
[72] WEIDNER, CHARLES H., US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2013-06-19
[86] 2012-01-06 (PCT/US2012/020483)
[87] (WO2012/096842)
[30] US (61/431,111) 2011-01-10

[21] **2,822,452**
[13] A1
[51] **Int.Cl. F16L 55/16 (2006.01)**
[25] EN
[54] **LINER TUBE WITH NON-STRETCHING MATERIAL**
[54] **TUBE DE CHEMISE AVEC MATERIAU NON ETIRABLE**
[72] KIEST, LARRY W., JR., US
[71] LMK ENTERPRISES, LLC, US
[85] 2013-06-19
[86] 2012-01-09 (PCT/US2012/020576)
[87] (WO2012/096857)
[30] US (12/987,722) 2011-01-10

[21] **2,822,453**
[13] A1
[51] **Int.Cl. C07D 221/18 (2006.01) A61K 31/485 (2006.01) A61P 23/00 (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **NOVEL MORPHINANS USEFUL AS ANALGESICS**
[54] **NOUVEAUX MORPHINANES UTILES EN TANT QU'ANALGESIQUES**
[72] LAWSON, JOHN, US
[71] PHEONIX PHARMALABS, INC., US
[85] 2013-06-19
[86] 2011-12-23 (PCT/US2011/067116)
[87] (WO2012/088494)
[30] US (61/426,727) 2010-12-23

[21] **2,822,454**
[13] A1
[51] **Int.Cl. C22C 43/00 (2006.01) B22F 1/00 (2006.01) C22B 60/02 (2006.01) C22C 1/00 (2006.01) C22C 38/12 (2006.01) G21C 3/60 (2006.01)**
[25] FR
[54] **URANIUM- AND MOLYBDENUM-BASED ALLOY POWDER THAT CAN BE USED FOR THE PRODUCTION OF NUCLEAR FUEL AND TARGETS INTENDED FOR THE PRODUCTION OF RADIOISOTOPES**
[54] **POUDRE D'UN ALLIAGE A BASE D'URANIUM ET DE MOLYBDENE UTILE POUR LA FABRICATION DE COMBUSTIBLES NUCLEAIRES ET DE CIBLES DESTINEES A LA PRODUCTION DE RADIOISOTOPES**
[72] ALLENOU, JEROME, FR
[72] CHAROLLAIS, FRANCOIS, FR
[72] BROTHIER, MERYL, FR
[72] ILTIS, XAVIERE, FR
[72] TOUGAIT, OLIVIER, FR
[72] PASTUREL, MATHIEU, FR
[72] NOEL, HENRI, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] UNIVERSITE DE RENNES 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2013-06-19
[86] 2011-12-23 (PCT/EP2011/073999)
[87] (WO2012/089684)
[30] FR (1061319) 2010-12-28

[21] **2,822,456**
[13] A1
[51] **Int.Cl. B26D 1/18 (2006.01)**
[25] EN
[54] **LATTICE CUTTING MACHINE**
[54] **MACHINE A DECOUPER EN TREILLIS**
[72] WALKER, DAVID B., US
[72] NEEL, ALLEN J., US
[71] J.R. SIMPLOT COMPANY, US
[85] 2013-06-19
[86] 2012-01-03 (PCT/US2012/020110)
[87] (WO2012/094344)
[30] US (61/429,839) 2011-01-05
[30] US (13/341,911) 2011-12-31

[21] **2,822,458**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **VALVE-STEM ASSEMBLY REMOVABLE FROM RUNNER SYSTEM WHILE VALVE-ACTUATOR ASSEMBLY REMAINS CONNECTED WITH MANIFOLD ASSEMBLY**
[54] **ENSEMBLE TIGE DE VANNE SE DESOLIDARISANT DU RESEAU DE CANAUX PENDANT QUE L'ENSEMBLE ACTIONNEUR DE VANNE RESTE CONNECTE AU BLOC DE REPARTITION**
[72] KEIR, WILLIAM STEVEN, CA
[72] MACLEOD, DARRIN ALBERT, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-06-19
[86] 2012-01-17 (PCT/US2012/021490)
[87] (WO2012/102899)
[30] US (61/436,338) 2011-01-26

[21] **2,822,459**
[13] A1
[51] **Int.Cl. B65G 47/72 (2006.01) A01C 7/08 (2006.01) B65G 51/01 (2006.01) B65B 39/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FLUID-BASED PRODUCT DISTRIBUTION**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE PRODUIT A BASE DE FLUIDE**
[72] HOCKETT, WILLIAM THOMAS, US
[72] WEBB, FREDERICK D., US
[72] METCALF, MICHAEL CHRISTPHER, US
[72] HUFF, RONALD R., US
[72] KIRKBRIDE, CHARLES DENIO, US
[72] LAMBIER, GREG ROBERT, US
[72] HUFFORD, DAVE, US
[71] CONAGRA FOODS LAMB WESTON, INC., US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/066933)
[87] (WO2012/094172)
[30] US (12/986,860) 2011-01-07

[21] **2,822,460**
[13] A1
[51] **Int.Cl. A61K 38/08 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **PEPTIDES FOR TREATING CANCER**
[54] **PEPTIDES POUR LE TRAITEMENT DU CANCER**
[72] AL-MAHMOOD, SALMAN, FR
[72] COLIN, SYLVIE, FR
[71] GENE SIGNAL INTERNATIONAL SA, CH
[85] 2013-06-20
[86] 2011-12-21 (PCT/EP2011/073606)
[87] (WO2012/085096)
[30] EP (10196278.5) 2010-12-21
[30] US (12/974,958) 2010-12-21

[21] **2,822,462**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **POLYCOMB-ASSOCIATED NON-CODING RNAS**
[54] **ARN NON CODANTS ASSOCIES A POLYCOMB**
[72] LEE, JEANNIE T., US
[72] ZHAO, JING, US
[72] SARMA, KAVITHA, US
[72] BOROWSKY, MARK, US
[72] OHSUMI, TOSHIRO KENDRICK, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065939)
[87] (WO2012/087983)
[30] US (61/425,174) 2010-12-20
[30] US (61/512,754) 2011-07-28
[30] US (PCT/US2011/060493) 2011-11-12

[21] **2,822,463**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **MOLD-TOOL SYSTEM INCLUDING ACTUATOR CONFIGURED TO MOVE PLATE ASSEMBLIES ATTACHED WITH VALVE-STEM ASSEMBLIES OF RUNNERS**
[54] **SYSTEME MOULE-OUTIL COMPRENANT UN ACTIONNEMENT CONFIGURE POUR DEPLACER DES ENSEMBLES PLAQUES FIXES A DES ENSEMBLES TIGE DE SOUPAPE DE CANAUX DE COULEE**
[72] PLUMPTON, JAMES OSBORNE, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD, CA
[85] 2013-06-19
[86] 2012-01-11 (PCT/US2012/020864)
[87] (WO2012/106074)
[30] US (61/437,731) 2011-01-31

[21] **2,822,464**
[13] A1
[51] **Int.Cl. A01H 5/00 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **A METHOD FOR INCREASING LEGUME PRODUCTIVITY BY CULTIVATING A PLANT WITH AN ASSOCIATED RHIZOBIUM OVEREXPRESSING A FLAVOHEMOGLOBIN PROTEIN**
[54] **PROCEDE POUR AUGMENTER LA PRODUCTIVITE DE LEGUMES PAR LA CULTURE D'UNE PLANTE AVEC UN RHIZOBIUM ASSOCIE DE SUREXPRESSION D'UNE PROTEINE DE FLAVOHEMOGLOBINE**
[72] BRUAND, CLAUDE, FR
[72] CAM, YVAN, FR
[72] MEILHOC, ELIANE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE, FR
[85] 2013-06-20
[86] 2011-12-22 (PCT/EP2011/073751)
[87] (WO2012/085184)
[30] EP (10306481.2) 2010-12-22

[21] **2,822,465**
[13] A1
[51] **Int.Cl. B29C 45/46 (2006.01)**
[25] EN
[54] **PLASTICIZING SYSTEM INCLUDING OPPOSITE-FACING SURFACES FOR CONTACTING OPPOSITE SIDES OF SOLIDIFIED-RESIN PARTICLE**
[54] **SYSTEME DE PLASTIFICATION COMPRENANT DES SURFACES OPPOSEES POUR METTRE EN CONTACT DES COTES OPPOSES D'UNE PARTICULE DE RESINE SOLIDIFIEE**
[72] BELZILE, MANON DANIELLE, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD, CA
[85] 2013-06-19
[86] 2012-01-18 (PCT/US2012/021684)
[87] (WO2012/102921)
[30] US (61/437,038) 2011-01-28

[21] **2,822,467**
[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12N 9/90 (2006.01) C12P 5/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVED ISOPRENE PRODUCTION USING TWO TYPES OF ISPG ENZYMES**
[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION AMELIOREE D'ISOPRENE A L'AIDE DE DEUX TYPES D'ENZYMES ISPG**
[72] MUIR, RACHEL E., US
[72] WEYLER, WALTER, US
[71] DANISCO US INC., US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/066949)
[87] (WO2012/088462)
[30] US (61/426,505) 2010-12-22

[21] **2,822,468**
[13] A1
[51] **Int.Cl. H01M 4/14 (2006.01) H01M 10/06 (2006.01) H01M 4/583 (2010.01)**
[25] EN
[54] **ELECTRODE AND ELECTRICAL STORAGE DEVICE FOR LEAD-ACID SYSTEM**
[54] **ELECTRODE ET DISPOSITIF DE STOCKAGE ELECTRIQUE POUR SYSTEME PLOMB-ACIDE**
[72] FURUKAWA, JUN, JP
[72] MOMMA, DAISUKE, JP
[72] LAM, TRIEU LAN, AU
[72] LOUEY, ROSALIE, AU
[72] HAIGH, PETER NIGEL, AU
[71] COMMONHEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] THE FURUKAWA BATTERY CO., LTD., JP
[85] 2013-06-20
[86] 2011-12-21 (PCT/AU2011/001647)
[87] (WO2012/083358)
[30] JP (2010-284040) 2010-12-21

[21] **2,822,469**
[13] A1
[51] **Int.Cl. F16C 1/14 (2006.01) B60J 7/057 (2006.01)**
[25] EN
[54] **PITCHED CABLE HAVING A FLEXIBLE CORE AROUND WHICH A COIL IS WRAPPED**
[54] **CABLE A PAS COMPRENANT UN NOYAU FLEXIBLE ENVELOPPE D'UNE SPIRE**
[72] RODENHAUSER, ERNST, DE
[71] GEMO D. G. MORITZ GMBH & CO. KG, DE
[85] 2013-06-20
[86] 2011-10-26 (PCT/EP2011/005394)
[87] (WO2012/084082)
[30] DE (10 2010 055 809.5) 2010-12-23

[21] **2,822,470**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **ROCK BOLT**
[54] **BOULON DE ROCHE**
[72] MALTBY, DAVID, AU
[72] HEDRICK, NEVILLE, AU
[71] GAROCK PTY LTD, AU
[85] 2013-06-20
[86] 2011-12-21 (PCT/AU2011/001655)
[87] (WO2012/083365)
[30] AU (2010905591) 2010-12-22

[21] **2,822,471**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **DEVICE FOR INJECTING ADJUSTABLE DOSES OF LIQUID DRUG**
[54] **DISPOSITIF POUR INJECTER DES DOSES REGLABLES D'UN MEDICAMENT LIQUIDE**
[72] RADMER, BO, DK
[72] ENGGAARD, CHRISTIAN PETER, DK
[72] MOURIDSEN, BRIAN, DK
[72] PETERSEN, MICHAEL FRANK, DK
[72] NIELSEN, LARS ULRIK, DK
[71] NOVO-NORDISK A/S, DK
[85] 2013-06-20
[86] 2011-12-22 (PCT/EP2011/073775)
[87] (WO2012/089616)
[30] EP (10197269.3) 2010-12-29
[30] US (61/429,610) 2011-01-04

[21] **2,822,472**
[13] A1
[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **PROSTHETIC MENISCI AND METHOD OF IMPLANTING IN THE HUMAN KNEE JOINT**
[54] **MENISQUES PROSTHETIQUES ET PROCEDE D'IMPLANTATION DANS L'ARTICULATION DU GENOU HUMAINE**
[72] VOWLES, ROBERT WALTER, AU
[71] PROSTHEXIS PTY LTD, AU
[85] 2013-06-20
[86] 2011-12-21 (PCT/AU2011/001657)
[87] (WO2012/083366)
[30] AU (2010905580) 2010-12-21

[21] **2,822,473**
[13] A1
[51] **Int.Cl. G01M 10/00 (2006.01) E02B 17/02 (2006.01) E02D 15/08 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **A HYDROELECTRIC TURBINE TESTING METHOD**
[54] **PROCEDE D'ESSAI D'UNE TURBINE HYDROELECTRIQUE**
[72] DUNNE, PAUL, IE
[72] IVES, JAMES, IE
[71] OPENHYDRO IP LIMITED, IE
[85] 2013-06-20
[86] 2011-12-22 (PCT/EP2011/073788)
[87] (WO2012/085200)
[30] EP (10196786.7) 2010-12-23

[21] **2,822,474**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MOLECULAR BIOMARKERS FOR PREDICTING RESPONSE TO TYROSINE KINASE INHIBITORS IN LUNG CANCER**
[54] **BIOMARQUEURS MOLECULAIRES POUR PREDICTION DE REPONSE A DES INHIBITEURS DE TYROSINE KINASE DANS LE CANCER DU POUMON**
[72] TARON ROCA, MIGUEL, ES
[72] ROSELL COSTA, RAFAEL, ES
[71] PANGAEA BIOTECH, S.L., ES
[85] 2013-06-20
[86] 2011-12-22 (PCT/EP2011/073837)
[87] (WO2012/085229)
[30] EP (10382344.9) 2010-12-22

[21] **2,822,475**
[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 11/00 (2006.01)**
[25] EN
[54] **AUTOMATIC FEED DISPENSER**
[54] **DISTRIBUTEUR AUTOMATIQUE D'ALIMENTS POUR ANIMAUX**
[72] CHRISTENSEN, ANDERS, DK
[71] ASTUTE A/S, DK
[85] 2013-06-20
[86] 2011-10-12 (PCT/DK2011/050382)
[87] (WO2012/083956)
[30] DK (PA 2010 01177) 2010-12-22

[21] **2,822,476**
[13] A1
[51] **Int.Cl. C25D 5/14 (2006.01)**
[25] EN
[54] **SUBSTRATE WITH A CORROSION RESISTANT COATING AND METHOD OF PRODUCTION THEREOF**
[54] **SUBSTRAT DOTE D'UN REVETEMENT RESISTANT A LA CORROSION ET SON PROCEDE DE PRODUCTION**
[72] SCHIAVON, GIANLUIGI, IT
[72] DAL ZILIO, DIEGO, IT
[71] COVENTYA S.P.A., IT
[85] 2013-06-20
[86] 2011-12-23 (PCT/EP2011/006547)
[87] (WO2012/084262)
[30] DE (10 2010 055 968.7) 2010-12-23

[21] **2,822,477**
[13] A1
[51] **Int.Cl. C07F 17/02 (2006.01) C12Q 1/68 (2006.01) G01N 27/00 (2006.01)**
[25] EN
[54] **NOVEL FERROCENE LABELS FOR ELECTROCHEMICAL ASSAY AND THEIR USE IN ANALYTICAL METHODS**
[54] **NOUVEAUX MARQUEURS A BASE DE FERROCENE POUR ESSAI ELECTROCHIMIQUE ET LEUR UTILISATION DANS DES METHODES ANALYTIQUES**
[72] MARSH, BARRIE, GB
[72] SHARP, JONATHAN, GB
[72] FLOWER, STEPHEN, GB
[72] FROST, CHRISTOPHER, GB
[71] ATLAS GENETICS LIMITED, GB
[85] 2013-06-20
[86] 2011-12-22 (PCT/GB2011/052573)
[87] (WO2012/085591)
[30] GB (1021896.4) 2010-12-22

[21] **2,822,478**
[13] A1
[51] **Int.Cl. B01D 17/02 (2006.01) B01D 17/04 (2006.01) C10G 33/06 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **COALESCENCER SEPARATOR FOR A MIXTURE OF IMMISCIBLE PHASES WITH DIFFERENT SPECIFIC DENSITY**
[54] **SEPARATEUR A COALESCENCE POUR UN MELANGE DE PHASES IMMISCIBLES AVEC DIFFERENTES DENSITES SPECIFIQUES**
[72] ANDREUSSI, PAOLO, IT
[72] DI RENZO, DOMENICO ANTONIO, IT
[71] ENI S.P.A, IT
[85] 2013-06-20
[86] 2011-12-28 (PCT/EP2011/074194)
[87] (WO2012/089786)
[30] IT (MI2010A 002450) 2010-12-29

[21] **2,822,479**
[13] A1
[51] **Int.Cl. B66B 1/42 (2006.01)**
[25] EN
[54] **ELEVATOR INSTALLATION HAVING A DOUBLE DECK**
[54] **INSTALLATION D'ASCENSEUR A DOUBLE PONT**
[72] HUSAMANN, JOSEF, CH
[71] INVENTIO AG, CH
[85] 2013-06-20
[86] 2011-11-22 (PCT/EP2011/070660)
[87] (WO2012/084381)
[30] EP (10196118.3) 2010-12-21

[21] **2,822,480**
[13] A1
[51] **Int.Cl. F16K 31/68 (2006.01) F01M 5/00 (2006.01) F16H 57/04 (2010.01) F16K 11/07 (2006.01) F16N 39/00 (2006.01)**
[25] EN
[54] **VALVE APPARATUS**
[54] **DISPOSITIF DE SOUPAPE**
[72] SHEPPARD, JEFF, CA
[72] BETTIO, DARIO, CA
[72] BHATIA, SACHIN, CA
[71] DANA CANADA CORPORATION, CA
[85] 2013-06-20
[86] 2011-12-19 (PCT/CA2011/050781)
[87] (WO2012/083448)
[30] US (61/426,547) 2010-12-23

[21] **2,822,481**
[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/385 (2006.01) A61K 39/395 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION OF A COMPLEX OF AN ANTI-DIG ANTIBODY AND DIGOXIGENIN THAT IS CONJUGATED TO A PEPTIDE**
[54] **COMPOSITION PHARMACEUTIQUE A BASE D'UN COMPLEXE ASSOCIANT UN ANTICORPS ANTI-DIG ET DE LA DIGOXIGENINE CONJUGUEE A UN PEPTIDE**
[72] BRINKMANN, ULRICH, DE
[72] DZIADEK, SEBASTIAN, DE
[72] HOFFMANN, EIKE, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-20
[86] 2011-12-30 (PCT/EP2011/074273)
[87] (WO2012/093068)
[30] EP (11150037.7) 2011-01-03

[21] **2,822,482**
[13] A1
[51] **Int.Cl. F28D 11/02 (2006.01)**
[25] EN
[54] **DEVICE FOR COOLING A POURABLE OR FLOWABLE PRODUCT**
[54] **DISPOSITIF DE REFROIDISSEMENT D'UN PRODUIT VERSABLE OU FLUIDE**
[72] LEMKE, KLAUS, DE
[71] TRIDELTA GMBH, DE
[85] 2013-06-20
[86] 2011-11-24 (PCT/EP2011/070968)
[87] (WO2012/084406)
[30] DE (10 2010 055 706) 2010-12-22

[21] **2,822,483**
[13] A1
[51] **Int.Cl. B29C 44/46 (2006.01) B05C 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR APPLYING LIQUID REACTION MIXTURES TO A COVER LAYER**
[54] **PROCEDE ET DISPOSITIF DESTINES A APPLIQUER DES MELANGES REACTIONNELS LIQUIDES SUR UNE COUCHE DE RECOUVREMENT**
[72] THATER, MICHAEL, DE
[72] SCHMIT, ANSGAR, DE
[71] BASF SE, DE
[85] 2013-06-20
[86] 2012-01-04 (PCT/EP2012/050070)
[87] (WO2012/093129)
[30] DE (20 2011 001 109.7) 2011-01-07

[21] **2,822,484**
[13] A1
[51] **Int.Cl. B81B 7/02 (2006.01) H01L 23/31 (2006.01) H01L 23/34 (2006.01)**
[25] EN
[54] **MEMS-BASED GETTER MICRODEVICE**
[54] **MICRO-DISPOSITIF DE DEGAZEUR A SYSTEME MICROELECTROMECANIQUE**
[72] GARCIA-BLANCO, SONIA, NL
[72] WILLIAMSON, FRASER, NL
[72] VIENS, JEAN FRANCOIS, US
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2013-06-20
[86] 2011-03-11 (PCT/CA2011/000275)
[87] (WO2012/122619)

[21] **2,822,485**
[13] A1
[51] **Int.Cl. B66B 1/42 (2006.01)**
[25] EN
[54] **DOUBLE-DECKER ELEVATOR INSTALLATION**
[54] **INSTALLATION D'ASCENSEUR A DOUBLE PONT**
[72] HUSMANN, JOSEF, CH
[71] INVENTIO AG, CH
[85] 2013-06-20
[86] 2011-11-29 (PCT/EP2011/071310)
[87] (WO2012/084432)
[30] EP (10196218.1) 2010-12-21

[21] **2,822,486**
[13] A1
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **MEDICAL RESTRICTION DEVICE FOR HOLLOW ORGANS OF A BODY**
[54] **DISPOSITIF DE RESTRICTION MEDICAL POUR ORGANES CREUX D'UN CORPS**
[72] SZEWCZYK, TOMASZ, PL
[72] CLAESSENS, FRANK, BE
[71] Q MEDICAL INTERNATIONAL AG, CH
[85] 2013-06-20
[86] 2011-12-14 (PCT/EP2011/072801)
[87] (WO2012/084653)
[30] EP (10196846.9) 2010-12-23

[21] **2,822,487**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **HYDROGELS BASED ON POLYISOBUTENE SUCCINIC ACID ESTERS**
[54] **HYDROGELS A BASE D'ESTERS D'ACIDE POLYISOBUTENE SUCCINIQUE**
[72] KONIG, HANNAH MARIA, DE
[72] EBERT, SOPHIA, DE
[72] ETTL, ROLAND, DE
[72] BENLAHMAR, OUIDAD, DE
[72] SCHIEDEL, MARC-STEFFEN, DE
[72] GIESEN, BRIGITTE, DE
[72] PLANTIKOW, PETRA, DE
[71] BASF SE, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2013-06-20
[86] 2012-01-10 (PCT/EP2012/050281)
[87] (WO2012/095404)
[30] EP (11150613.5) 2011-01-11

[21] **2,822,488**
[13] A1
[51] **Int.Cl. F16D 48/06 (2006.01) B60K 23/02 (2006.01) F16D 25/0638 (2006.01) F16D 43/286 (2006.01) F16D 48/02 (2006.01)**
[25] EN
[54] **VEHICLE CLUTCH CONTROL METHOD**
[54] **PROCEDE DE COMMANDE DE L'EMBRAYAGE D'UN VEHICULE**
[72] GAUTHIER, JEAN-PHILIPPE, CA
[72] MICHEAU, PHILIPPE, CA
[72] RIOUX, ROGER, CA
[72] DESJARDINS-GOULET, MAXIME, CA
[71] CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C., CA
[85] 2013-06-20
[86] 2011-03-14 (PCT/CA2011/000277)
[87] (WO2012/083411)
[30] US (61/426,846) 2010-12-23

[21] **2,822,489**
[13] A1
[51] **Int.Cl. C04B 18/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AGGREGATES FROM CEMENT COMPOSITIONS**
[54] **PROCEDE POUR LA PRODUCTION DE GRANULATS A PARTIR DE COMPOSITIONS DE CIMENT**
[72] FERRARI, GIORGIO, IT
[72] SURICO, FRANCESCO, IT
[72] BROCCHI, ALBERTO, IT
[72] BANFI, EMANUELE, IT
[72] MALTESE, CRISTIANO, IT
[72] SQUINZI, MARCO, IT
[71] MAPEI S.P.A., IT
[85] 2013-06-20
[86] 2011-12-16 (PCT/EP2011/073070)
[87] (WO2012/084716)
[30] EP (10196236.3) 2010-12-21

[21] **2,822,490**
[13] A1
[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/30 (2006.01) A61K 31/702 (2006.01) A61K 31/7068 (2006.01) A61K 31/7076 (2006.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITIONS COMPRISING HUMAN MILK OLIGOSACCHARIDES AND NUCLEOTIDES AND USES THEREOF FOR TREATING AND/OR PREVENTING ENTERIC VIRAL INFECTION**
[54] **COMPOSITIONS NUTRITIONNELLES CONTENANT DES OLIGOSACCHARIDES ET DES NUCLEOTIDES DE LAIT HUMAIN ET LEURS UTILISATIONS POUR LE TRAITEMENT ET/OU LA PREVENTION D'UNE INFECTION VIRALE ENTERIQUE**
[72] BUCK, RACHAEL, US
[72] THOMAS, DEBRA L., US
[72] SCHALLER, JOSEPH P., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/067004)
[87] (WO2012/092153)
[30] US (61/428,866) 2010-12-31
[30] US (61/551,758) 2011-10-26

[21] **2,822,491**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **USE OF BUBR1 AS A BIOMARKER OF DRUG RESPONSE TO FURAZANOBENZIMIDAZOLES**
[54] **UTILISATION DU BUBR1 COMME BIOMARQUEUR DE REPONSE MEDICAMENTEUSE AUX FURAZANOBENZIMIDAZOLES**
[72] LANE, HEIDI ALEXANDRA, CH
[72] BACHMANN, FELIX, CH
[72] BREULEUX, MADLAINA, CH
[72] BOUTROS, MICHAEL, DE
[72] GILBERT, DANIEL, DE
[72] ZHANG, XIAN, DE
[71] BASILEA PHARMACEUTICA AG, CH
[85] 2013-06-20
[86] 2012-01-19 (PCT/EP2012/050818)
[87] (WO2012/098207)
[30] EP (11151677.9) 2011-01-21

[21] **2,822,492**
[13] A1
[51] **Int.Cl. B23Q 1/34 (2006.01) B06B 1/06 (2006.01) B23P 25/00 (2006.01) B24B 1/04 (2006.01)**
[25] EN
[54] **SYSTEM HAVING TWO OSCILLATION COMPONENTS FOR MACHINING A WORKPIECE**
[54] **DISPOSITIF A DEUX COMPOSANTES D'OSCILLATION POUR L'USINAGE PAR ENLEVEMENT DE COPEAUX D'UNE PIECE**
[72] TIEFENBOCK, HERBERT, AT
[71] EV GROUP GMBH, AT
[85] 2013-06-20
[86] 2011-12-19 (PCT/EP2011/073185)
[87] (WO2012/084779)
[30] DE (10 2010 055 288.7) 2010-12-21

[21] **2,822,493**
[13] A1
[51] **Int.Cl. C07H 9/06 (2006.01) A61K 31/7056 (2006.01) C07D 513/04 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **SELECTIVE GLYCOSIDASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS SELECTIFS DE GLYCOSIDASES ET LEURS UTILISATIONS**
[72] MCEACHERN, ERNEST J., CA
[72] MU, CHANGWEI, CN
[72] SELNICK, HAROLD G., US
[72] VOCADLO, DAVID J., CA
[72] WANG, YAODE, CN
[72] WEI, ZHONGYONG, CN
[72] ZHOU, YUANXI, CA
[72] ZHU, YONGBAO, CA
[72] KAUL, RAMESH, CA
[71] MERCK SHARP & DOHME CORP., US
[71] ALECTOS THERAPEUTICS, INC, CA
[85] 2013-06-20
[86] 2011-12-21 (PCT/CA2011/001397)
[87] (WO2012/083435)
[30] US (61/426,773) 2010-12-23
[30] CN (PCT/CN2011/074569) 2011-05-24
[30] US (61/507,684) 2011-07-14

[21] **2,822,494**
[13] A1
[51] **Int.Cl. A23L 1/0528 (2006.01) A23L 1/0532 (2006.01) A23L 1/054 (2006.01) A23L 1/24 (2006.01)**
[25] EN
[54] **DRESSING COMPRISING GLUCOMANNAN**
[54] **SAUCE CONTENANT DU GLUCOMANNANE**
[72] FRYE, RICHARD KEITH, US
[71] UNILEVER PLC, GB
[85] 2013-06-20
[86] 2011-12-19 (PCT/EP2011/073175)
[87] (WO2012/084771)
[30] US (12/976,527) 2010-12-22

[21] **2,822,495**
[13] A1
[51] **Int.Cl. A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **METHODS OF USING HUMAN MILK OLIGOSACCHARIDES FOR IMPROVING AIRWAY RESPIRATORY HEALTH**
[54] **METHODES D'UTILISATION D'OLIGOSACCHARIDES DU LAIT HUMAIN AFIN D'AMELIORER LA SANTE RESPIRATOIRE DES VOIES AERIENNES**
[72] BUCK, RACHAEL, US
[72] DUSKA-MCEWEN, GERALYN O., US
[72] DAVIS, STEVEN R., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/067008)
[87] (WO2012/092154)
[30] US (61/428,860) 2010-12-31
[30] US (61/527,851) 2011-08-26

[21] **2,822,496**
[13] A1
[51] **Int.Cl. C08L 67/02 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **ANTISTATIC POLYCARBONATE MOLDING COMPOUNDS**
[54] **MATIERES MOULABLES ANTISTATIQUES A BASE DE POLYCARBONATE**
[72] FELDERMANN, ACHIM, DE
[72] SEIDEL, ANDREAS, DE
[71] BAYER INTELLECTUAL PORPERTY GMBH, DE
[85] 2013-06-20
[86] 2011-12-19 (PCT/EP2011/073274)
[87] (WO2012/084848)
[30] EP (10196931.9) 2010-12-23

[21] **2,822,497**
[13] A1
[51] **Int.Cl. A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING THE INCIDENCE OF OXIDATIVE STRESS USING HUMAN MILK OLIGOSACCHARIDES, VITAMIN C AND ANTI-INFLAMMATORY AGENTS**
[54] **PROCEDES DE REDUCTION DE L'INCIDENCE DU STRESS OXYDATIF UTILISANT DES OLIGOSACCHARIDES DU LAIT DE FEMME, DE LA VITAMINE C ET DES AGENTS ANTI-INFLAMMATOIRES**
[72] DAVIS, STEVEN R., US
[72] BUCK, RACHAEL, US
[72] DUSKA-MCEWEN, GERALYN O., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/067028)
[87] (WO2012/092159)
[30] US (61/428,863) 2010-12-31
[30] US (61/428,865) 2010-12-31

[21] **2,822,498**
[13] A1
[51] **Int.Cl. B65G 1/00 (2006.01)**
[25] EN
[54] **AUTOMATED CASE ORDER SEQUENCING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME AUTOMATISES D'ORDONNANCEMENT DE COMMANDES**
[72] LAFONTAINE, DANIEL R., CA
[71] 3584925 CANADA INC. (DRL SYSTEMS), CA
[85] 2013-06-20
[86] 2011-12-20 (PCT/CA2011/001400)
[87] (WO2012/083437)
[30] US (61/457,064) 2010-12-20

[21] **2,822,499**
[13] A1
[51] **Int.Cl. A61K 8/38 (2006.01) A61K 8/35 (2006.01) A61K 8/64 (2006.01) A61K 8/66 (2006.01) A61Q 5/00 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **ENZYMATIC PERACID GENERATION FOR USE IN HAIR CARE PRODUCTS**
[54] **GENERATION ENZYMATIQUE DE PERACIDE POUR UNE UTILISATION DANS DES PRODUITS DE SOINS CAPILLAIRES**
[72] CHISHOLM, DEXTER A., US
[72] CUI, XIUMIN, US
[72] CUNNINGHAM, SCOTT D., US
[72] DICOSIMO, ROBERT, US
[72] FAHNESTOCK, STEPHEN R., US
[72] GRUBER, TANJA MARIA, US
[72] HUANG, YONGQING, US
[72] JIANG, XUEPING, US
[72] PARTHASARATHY, ANJU, US
[72] PAYNE, MARK S., US
[72] ROUVIERE, PIERRE E., US
[72] WANG, HONG, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065908)
[87] (WO2012/087968)
[30] US (61/424,847) 2010-12-20

[21] **2,822,500**
[13] A1
[51] **Int.Cl. A23L 1/29 (2006.01) A61K 31/702 (2006.01) A61P 1/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HUMAN MILK OLIGOSACCHARIDES TO PROMOTE GROWTH OF BENEFICIAL BACTERIA**
[54] **OLIGOSACCHARIDES DE LAIT HUMAIN POUR FAVORISER LA CROISSANCE DE BACTERIES BENEFIQUES**
[72] BUCK, RACHAEL, US
[72] CHOW, JOMAY, US
[72] DAVIS, STEVEN R., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/067031)
[87] (WO2012/092160)
[30] US (61/428,867) 2010-12-31
[30] US (61/474,691) 2011-04-12

[21] **2,822,501**
[13] A1
[51] **Int.Cl. H04B 3/04 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **CABLE MODEM WITH DUAL AUTOMATIC ATTENUATION**
[54] **MODEM CABLE A DOUBLE AFFAIBLISSEMENT AUTOMATIQUE**
[72] CHENIER, MARCEL, CA
[72] RAYMENT, STEPHEN, CA
[72] SMITH, ROLAND, CA
[72] WILLIAMS, CHRIS, CA
[72] ZANIEWSKI, JAREK, CA
[71] BELAIR NETWORKS INC., CA
[85] 2013-06-20
[86] 2011-12-21 (PCT/CA2011/050792)
[87] (WO2012/088606)
[30] US (12/978,684) 2010-12-27

[21] **2,822,502**
[13] A1
[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **WOUND MANAGEMENT MOBILE IMAGE CAPTURE DEVICE**
[54] **DISPOSITIF DE CAPTURE D'IMAGE MOBILE POUR LE TRAITEMENT DE BLESSURES**
[72] AL-MOOSAWI, OSAMA H., US
[71] WOUNDMATRIX, INC., US
[85] 2013-04-09
[86] 2011-10-11 (PCT/US2011/055770)
[87] (WO2012/078243)
[30] US (61/391,959) 2010-10-11
[30] US (13/270,586) 2011-10-11

[21] **2,822,503**
[13] A1
[51] **Int.Cl. C10M 107/44 (2006.01) C09D 175/00 (2006.01) E21B 17/042 (2006.01) F16L 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR COATING A THREADED TUBULAR COMPONENT, THREADED TUBULAR COMPONENT AND RESULTING CONNECTION**
[54] **PROCEDE DE REVETEMENT D'UN COMPOSANT TUBULAIRE FILETE, COMPOSANT TUBULAIRE FILETE ET RACCORDEMENT RESULTANT**
[72] PINEL, ELIETTE, FR
[72] GARD, ERIC, FR
[72] PETIT, MIKAEL, FR
[72] GOUIDER, MOHAMED, FR
[71] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-06-20
[86] 2011-12-12 (PCT/EP2011/006258)
[87] (WO2012/089304)
[30] FR (10/05156) 2010-12-29

[21] **2,822,504**
[13] A1
[51] **Int.Cl. F16L 15/06 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **THREADED CONNECTION FOR DRILLING AND WORKING HYDROCARBON WELLS**
[54] **RACCORD VISSE PERMETTANT DE FORER ET D'EXPLOITER DES PUITS D'HYDROCARBURE**
[72] CARROIS, FABIEN, FR
[72] GALLOIS, YANN, FR
[72] CONRAD, FRANCOIS, FR
[71] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-06-20
[86] 2011-12-12 (PCT/EP2011/006259)
[87] (WO2012/089305)
[30] FR (10/05163) 2010-12-28

[21] **2,822,505**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **ALLOCATION OF RESOURCES**
[54] **ALLOCATION DE RESSOURCES**
[72] SKOV, PETER, CN
[72] WU, CHUNLI, CN
[71] NOKIA SIEMENS NETWORKS OY, FI
[85] 2013-06-20
[86] 2010-12-22 (PCT/CN2010/080144)
[87] (WO2012/083539)

[21] **2,822,506**
[13] A1
[51] **Int.Cl. G01V 3/08 (2006.01) G01V 3/30 (2006.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR WELL LOGGING AND DATA PROCESSING DEVICE**
[54] **DISPOSITIF ET PROCEDE DE DIAGRAPHIE DE PUITS ET APPAREIL DE TRAITEMENT DE DONNEES**
[72] YANG, JINZHOU, CN
[72] LI, ZUOHUI, CN
[72] LIN, NAN, CN
[72] WEI, BAOJUN, CN
[72] LIU, QINGLONG, CN
[72] XIAO, HONGBING, CN
[71] SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2013-06-20
[86] 2011-12-14 (PCT/CN2011/002099)
[87] (WO2012/083585)
[30] CN (201010601287.5) 2010-12-23

[21] **2,822,507**
[13] A1
[51] **Int.Cl. C10B 47/24 (2006.01) C10B 31/00 (2006.01) C10B 33/00 (2006.01) C10G 9/32 (2006.01)**
[25] EN
[54] **METHOD FOR FEEDING A FLUIDIZED BED COKING REACTOR**
[54] **PROCEDE POUR L'ALIMENTATION D'UN REACTEUR DE COKEFACTION A LIT FLUIDISE**
[72] BROWN, WAYNE, CA
[71] ETX SYSTEMS INC., CA
[85] 2013-06-20
[86] 2011-12-23 (PCT/CA2011/001392)
[87] (WO2012/083431)
[30] US (61/426,870) 2010-12-23

[21] **2,822,508**
[13] A1
[51] **Int.Cl. B01J 3/04 (2006.01) B01J 4/02 (2006.01) C01B 11/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A STABLE AQUEOUS CHLORINE DIOXIDE SOLUTION**
[54] **PROCEDE DE FABRICATION D'UNE SOLUTION AQUEUSE, STABLE, DE DIOXYDE DE CHLORE**
[72] UHLMANN, HELMUT, DE
[71] A.P.F. AQUA SYSTEM AG, DE
[85] 2013-06-20
[86] 2011-12-22 (PCT/EP2011/006510)
[87] (WO2012/084247)
[30] DE (10 2010 055 982.2) 2010-12-23

[21] **2,822,509**
[13] A1
[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01)**
[25] EN
[54] **HANDHELD MEDICAL DIAGNOSTIC DEVICES WITH SAMPLE TRANSFER**
[54] **DISPOSITIFS MANUELS POUR UN DIAGNOSTIC MEDICAL AVEC TRANSFERT D'ECHANTILLONS**
[72] ROE, STEVEN N., US
[72] LIST, HANS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-20
[86] 2011-12-15 (PCT/EP2011/072893)
[87] (WO2012/089524)
[30] US (12/981,781) 2010-12-30

[21] **2,822,510**
[13] A1
[51] **Int.Cl. B66B 29/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MOVING PEOPLE AND/OR OBJECTS**
[54] **DISPOSITIF DE TRANSPORT DE PERSONNES ET/OU D'OBJETS**
[72] TROJER, ANDREAS, AT
[72] BLONDIAU, DIRK, AT
[72] MATHEISL, MICHAEL, AT
[72] SAILER, PAUL, AT
[71] INVENTIO AG, CH
[85] 2013-06-20
[86] 2011-12-19 (PCT/EP2011/073193)
[87] (WO2012/084784)
[30] EP (10196575.4) 2010-12-22

[21] **2,822,512**
[13] A1
[51] **Int.Cl. C04B 24/42 (2006.01) C04B 28/04 (2006.01) C04B 40/00 (2006.01) C04B 40/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR BUILDING MATERIALS HAVING IMPROVED FREEZE-THAW RESISTANCE AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **COMPOSITION POUR MATERIAUX DE CONSTRUCTION A RESISTANCE AU GEL-DEGEL AMELIOREE ET SON PROCEDE DE FABRICATION**
[72] FRIEDEL, MANUEL, CH
[72] MARTINOLA, GIOVANNI, CH
[72] MEIER, STEFAN, CH
[71] EVONIK DEGUSSA GMBH, DE
[85] 2013-06-20
[86] 2011-11-24 (PCT/EP2011/070890)
[87] (WO2012/084401)
[30] DE (10 2010 063 561.8) 2010-12-20

[21] **2,822,513**
[13] A1
[51] **Int.Cl. B23B 31/117 (2006.01) B23B 51/02 (2006.01)**
[25] EN
[54] **CUTTING TOOL**
[54] **OUTIL DE COUPE**
[72] SHITRIT, SHIM'ON, IL
[72] GUY, HANOCH, IL
[71] ISCAR LTD., IL
[85] 2013-06-20
[86] 2011-12-11 (PCT/IL2011/000932)
[87] (WO2012/101622)
[30] IL (210893) 2011-01-26

[21] **2,822,515**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-IL-18 ANTIBODIES AND THEIR USES**
[54] **ANTICORPS ANTI-IL-18 ET LEURS APPLICATIONS**
[72] DOBSON, CLAIRE, GB
[72] LANE, STEVEN, GB
[72] NEWTON, PHILIP, GB
[72] SCHWICKART, MARTIN, US
[72] STEFFEN, ANN-CHARLOTT, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2013-06-20
[86] 2011-12-20 (PCT/EP2011/073496)
[87] (WO2012/085015)
[30] US (61/424,920) 2010-12-20

[21] **2,822,517**
[13] A1
[51] **Int.Cl. C23F 11/14 (2006.01) C02F 5/12 (2006.01) C08G 63/685 (2006.01) C09K 8/54 (2006.01) C10G 75/02 (2006.01) C10L 1/22 (2006.01) C10M 149/14 (2006.01) C10M 173/02 (2006.01) C23F 11/08 (2006.01) C23F 11/173 (2006.01)**
[25] EN
[54] **POLYESTER POLYAMINE AND POLYESTER POLYQUATERNARY AMMONIUM CORROSION INHIBITORS**
[54] **INHIBITEURS DE CORROSION POLYESTER-POLYAMINE ET POLYESTER-POLY(AMMONIUM QUATERNAIRE)**
[72] HELLBERG, PER-ERIK, SE
[72] GOROCHOVCEVA, NATALIJA, SE
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2013-06-20
[86] 2011-12-23 (PCT/EP2011/073922)
[87] (WO2012/089649)
[30] EP (10197172.9) 2010-12-28
[30] US (61/427,539) 2010-12-28

[21] **2,822,518**
[13] A1
[51] **Int.Cl. C08J 3/22 (2006.01) C08K 3/04 (2006.01) C08K 5/00 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING SOOT DISPERSION**
[54] **PROCEDE POUR AMELIORER LA DISPERSION DE NOIR DE CARBONE**
[72] SEIDEL, ANDREAS, DE
[72] THIEM, HANS-JURGEN, DE
[72] RUDOLF, REINER, DE
[72] REICHENAUER, JOERG, DE
[72] ECKEL, THOMAS, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-20
[86] 2011-12-19 (PCT/EP2011/073295)
[87] (WO2012/084865)
[30] EP (10196932.7) 2010-12-23

[21] **2,822,519**
[13] A1
[51] **Int.Cl. B32B 5/28 (2006.01) B32B 27/04 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN COMPOSITE MATERIALS**
[54] **AMELIORATIONS DANS DES MATERIAUX COMPOSITES**
[72] SIMMONS, MARTIN, GB
[72] ELLIS, JOHN, GB
[71] HEXCEL COMPOSITES LIMITED, GB
[85] 2013-06-20
[86] 2011-12-20 (PCT/EP2011/006433)
[87] (WO2012/084197)
[30] EP (10196345.2) 2010-12-21

[21] **2,822,521**
[13] A1
[51] **Int.Cl. B03D 1/01 (2006.01)**
[25] EN
[54] **AMINE-CONTAINING FORMULATIONS FOR REVERSE FROTH FLOTATION OF SILICATES FROM IRON ORE**
[54] **FORMULATIONS CONTENANT DE L'AMINE POUR LA FLOTTATION INVERSE PAR ECUMAGE DE SILICATES PROVENANT DE MINERAI DE FER**
[72] GUSTAFSSON, JAN OLOF, SE
[72] JUBERG, MALIN, SE
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2013-06-20
[86] 2011-12-23 (PCT/EP2011/073924)
[87] (WO2012/089651)
[30] EP (10197173.7) 2010-12-28
[30] US (61/427,575) 2010-12-28

[21] **2,822,522**
[13] A1
[51] **Int.Cl. B65D 75/58 (2006.01)**
[25] EN
[54] **TIGHTLY SEALING SINGLE DOSE PACKAGING**
[54] **EMBALLAGE DE DOSE INDIVIDUELLE TRES ETANCHE**
[72] KRUMME, MARKUS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2013-06-20
[86] 2011-12-21 (PCT/EP2011/006459)
[87] (WO2012/084216)
[30] US (61/460,022) 2010-12-23

[21] **2,822,523**
[13] A1
[51] **Int.Cl. A23D 7/00 (2006.01) A23D 7/01 (2006.01)**
[25] EN
[54] **EDIBLE FAT CONTINUOUS EMULSION COMPRISING PLANT STEROL ESTERS**
[54] **EMULSION CONTINUE DE MATIERE GRASSE ALIMENTAIRE COMPRENANT DES ESTERS DE STEROLS VEGETAUX**
[72] BONS, JOHANNES ROBERT, NL
[72] FLOETER, ECKHARD, NL
[72] MEIJER, ANNE MARIEKE, NL
[72] SMIT-KINGMA, IRENE ERICA, NL
[71] UNILEVER PLC, GB
[85] 2013-06-20
[86] 2011-11-30 (PCT/EP2011/071397)
[87] (WO2012/084438)
[30] EP (10196443.5) 2010-12-22

[21] **2,822,524**
[13] A1
[51] **Int.Cl. C08G 18/67 (2006.01) C09D 4/02 (2006.01) C09D 175/16 (2006.01)**
[25] EN
[54] **RADIATION CURABLE COATING COMPOSITIONS FOR METAL**
[54] **COMPOSITION DE REVETEMENT DURCISSABLE AUX RAYONNEMENTS POUR METAL**
[72] CRAUN, GARY P., US
[72] GARDNER, KENNETH JAMES, US
[72] MILLER, PATRICIA, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2013-06-20
[86] 2011-12-23 (PCT/EP2011/073931)
[87] (WO2012/089656)
[30] US (61/427,582) 2010-12-28
[30] EP (11154036.5) 2011-02-10

[21] **2,822,526**
[13] A1
[51] **Int.Cl. B23B 27/00 (2006.01) B23B 27/04 (2006.01) B23B 29/04 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT THEREFOR**
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE POUR CET OUTIL**
[72] HECHT, GIL, IL
[71] ISCAR LTD., IL
[85] 2013-06-20
[86] 2012-01-15 (PCT/IL2012/000021)
[87] (WO2012/107920)
[30] IL (211113) 2011-02-08

[21] **2,822,527**
[13] A1
[51] **Int.Cl. C08G 18/67 (2006.01) C09D 4/06 (2006.01) C09D 175/16 (2006.01)**
[25] EN
[54] **RADIATION CURABLE COATING COMPOSITIONS FOR METAL**
[54] **COMPOSITION DE REVETEMENT DURCISSABLE AUX RAYONNEMENTS POUR METAL**
[72] CRAUN, GARY P., US
[72] GARDNER, KENNETH JAMES, US
[72] MILLER, PATRICIA, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2013-06-20
[86] 2011-12-23 (PCT/EP2011/073929)
[87] (WO2012/089655)
[30] US (61/427,582) 2010-12-28
[30] EP (11154036.5) 2011-02-10

[21] **2,822,528**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/485 (2006.01) A61K 45/06 (2006.01) A61P 1/10 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **A COMBINATION OF AN OPIOID AGONIST AND AN OPIOID ANTAGONIST IN THE TREATMENT OF PARKINSON'S DISEASE**
[54] **COMBINAISON D'UN AGONISTE DES OPIOIDES ET D'UN ANTAGONISTE DES OPIOIDES DANS LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] HOPP, MICHAEL, DE
[72] TRENKWALDER, CLAUDIA, DE
[71] EURO-CELTIQUE S.A., LU
[85] 2013-06-20
[86] 2011-12-27 (PCT/EP2011/074103)
[87] (WO2012/089738)
[30] EP (10197210.7) 2010-12-28

[21] **2,822,530**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) A61K 31/00 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **USE OF GLU-TUBULIN AS A BIOMARKER OF DRUG RESPONSE TO FURAZANOBENZIMIDAZOLES**
[54] **UTILISATION DE GLU-TUBULINE EN TANT QUE BIOMARQUEUR DE LA REPONSE AU MEDICAMENT COMME LES FURAZANOBENZIMIDAZOLES**
[72] LANE, HEIDI ALEXANDRA, CH
[72] BACHMANN, FELIX, CH
[71] BASILEA PHARMACEUTICA AG, CH
[85] 2013-06-20
[86] 2012-01-19 (PCT/EP2012/050814)
[87] (WO2012/098203)
[30] EP (11151681.1) 2011-01-21

[21] **2,822,531**
[13] A1
[51] **Int.Cl. E03B 7/07 (2006.01) F16K 24/04 (2006.01)**
[25] EN
[54] **GAS PURGE VALVE WITH ACTUATION SENSOR**
[54] **VANNE DE DEGAZAGE A CAPTEUR D'ACTIONNEMENT**
[72] AYLON, MOSHE, IL
[72] BAHALUL, YOEL, IL
[71] A.R.I. FLOW CONTROL ACCESSORIES LTD., IL
[85] 2013-06-20
[86] 2012-01-24 (PCT/IL2012/050023)
[87] (WO2012/101640)
[30] US (61/435,817) 2011-01-25

[21] **2,822,532**
[13] A1
[51] **Int.Cl. G01N 1/30 (2006.01)**
[25] EN
[54] **METHOD FOR TISSUE SAMPLE FIXATION**
[54] **PROCEDE POUR LA FIXATION D'ECHANTILLON DE TISSU**
[72] OTTER, MICHAEL, US
[72] PIERSON, ABBEY, US
[72] CHAFIN, DAVID, US
[72] ROBERTS, ESTEBAN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2013-06-20
[86] 2012-02-17 (PCT/EP2012/052800)
[87] (WO2012/110646)
[30] US (61/463,551) 2011-02-17
[30] US (61/464,479) 2011-03-04

[21] **2,822,536**
[13] A1
[51] **Int.Cl. C12N 1/18 (2006.01) A21D 8/04 (2006.01) C12N 9/26 (2006.01)**
[25] FR
[54] **NOVEL BREAD YEAST STRAINS**
[54] **NOUVELLES SOUCHES DE LEVURE DE PANIFICATION**
[72] BARTOLUCCI, JEAN-CHARLES, FR
[72] COLAVIZZA, DIDIER, FR
[72] LEGROS, MELANIE, FR
[72] PIGNEDE, GEORGES, FR
[71] LESAFFRE ET COMPAGNIE, FR
[85] 2013-06-20
[86] 2011-12-09 (PCT/FR2011/052916)
[87] (WO2012/085386)
[30] FR (1004989) 2010-12-21

[21] **2,822,537**
[13] A1
[51] **Int.Cl. B64D 27/26 (2006.01) B64D 27/18 (2006.01)**
[25] FR
[54] **DEVICE FOR SUSPENDING A TURBOJET ENGINE**
[54] **DISPOSITIF DE SUSPENSION D'UN TURBOREACTEUR**
[72] BALK, WOUTER, FR
[72] VINCENT, THOMAS ALAIN CHRISTIAN, FR
[71] SNECMA, FR
[85] 2013-06-20
[86] 2011-12-20 (PCT/FR2011/053066)
[87] (WO2012/089956)
[30] FR (1061281) 2010-12-27

[21] **2,822,538**
[13] A1
[51] **Int.Cl. D21J 3/00 (2006.01) D21J 7/00 (2006.01) E04D 1/08 (2006.01) E04D 1/30 (2006.01) E04D 3/32 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A ROOF-COVERING ELEMENT MADE OF PLANT FIBRES, AND ROOF-COVERING ELEMENT**
[54] **PROCEDE DE REALISATION D'UN ELEMENT DE COUVERTURE DE TOITURE EN FIBRES VEGETALES ET ELEMENT DE COUVERTURE DE TOITURE**
[72] THOMAS, MICHEL, FR
[72] KAMIL, MELIH, TR
[72] RUFFENACH, FRANCOIS, FR
[72] FOUTEL, MARTIN, FR
[71] ONDULINE, FR
[85] 2013-06-20
[86] 2011-12-21 (PCT/FR2011/053135)
[87] (WO2012/085465)
[30] FR (1061086) 2010-12-22

[21] **2,822,539**
[13] A1
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61K 9/12 (2006.01) A61K 31/192 (2006.01) A61K 31/327 (2006.01)**
[25] FR
[54] **DERMATOLOGICAL FOAMS OBTAINED FROM A GEL OR SUSPENSION CONTAINING A COMBINATION OF ADAPALENE AND BENZOYL PEROXIDE**
[54] **MOUSSES DERMATOLOGIQUES OBTENUES A PARTIR D'UN GEL OU D'UNE SUSPENSION CONTENANT UNE COMBINAISON D'ADAPALENE ET DE PEROXYDE DE BENZOYLE**
[72] AT, EMMANUELLE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2013-06-20
[86] 2011-12-22 (PCT/FR2011/053158)
[87] (WO2012/085480)
[30] FR (1061165) 2010-12-23

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[21] **2,822,540**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **USE OF STATHMIN AS A BIOMARKER OF DRUG RESPONSE TO FURAZANOBENZIMIDAZOLES**
[54] **UTILISATION DE LA STATHMINE COMME BIOMARQUEUR DE REPONSE MEDICAMENTEUSE AUX FURAZANOBENZIMIDAZOLES**
[72] LANE, HEIDI ALEXANDRA, CH
[72] BACHMANN, FELIX, CH
[71] BASILEA PHARMACEUTICA AG, CH
[85] 2013-06-20
[86] 2012-01-19 (PCT/EP2012/050819)
[87] (WO2012/098208)
[30] EP (11151674.6) 2011-01-21

---

[21] **2,822,542**
[13] A1
[51] **Int.Cl. F03G 3/02 (2006.01)**
[25] EN
[54] **GRAVITATIONAL ELECTRIC POWER PLANT TECHNOLOGY**
[54] **TECHNOLOGIE DE CENTRALE ELECTRIQUE GRAVITATIONNELLE**
[72] QURAISHY, SHAFI, IN
[71] G POWER PLANTS DMCC, AE
[85] 2013-06-20
[86] 2011-12-23 (PCT/IN2011/000887)
[87] (WO2012/085947)
[30] IN (3952/che/2010) 2010-12-24

---

[21] **2,822,545**
[13] A1
[51] **Int.Cl. F16L 21/00 (2006.01) B29C 65/00 (2006.01) F16L 47/02 (2006.01) F16L 55/17 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE WELDING OF PIPES**
[54] **PROCEDE ET DISPOSITIF POUR LE SOUDAGE AUTOGENE DE TUYAUX**
[72] LIDSTROM, KJELL, SE
[71] TSC INNOVATION AB, SE
[85] 2013-06-20
[86] 2011-12-30 (PCT/SE2011/051611)
[87] (WO2012/093959)
[30] SE (1150005-5) 2011-01-04

---

[21] **2,822,546**
[13] A1
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61K 9/12 (2006.01) A61K 31/192 (2006.01) A61P 17/10 (2006.01)**
[25] FR
[54] **DERMATOLOGICAL FOAMS OBTAINED FROM A GEL OR SUSPENSION CONTAINING ADAPALENE**
[54] **MOUSSES DERMATOLOGIQUES OBTENUES A PARTIR D'UN GEL OU D'UNE SUSPENSION CONTENANT DE L'ADAPALENE**
[72] AT, EMMANUELLE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2013-06-20
[86] 2011-12-22 (PCT/FR2011/053159)
[87] (WO2012/085481)
[30] FR (1061167) 2010-12-23

---

[21] **2,822,547**
[13] A1
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61K 9/12 (2006.01) A61K 31/327 (2006.01) A61P 17/10 (2006.01)**
[25] FR
[54] **DERMATOLOGICAL FOAMS OBTAINED FROM A GEL OR SUSPENSION CONTAINING BENZOYL PEROXIDE**
[54] **MOUSSES DERMATOLOGIQUES OBTENUES A PARTIR D'UN GEL OU D'UNE SUSPENSION CONTENANT DU PEROXYDE DE BENZOYLE**
[72] AT, EMMANUELLE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2013-06-20
[86] 2011-12-22 (PCT/FR2011/053161)
[87] (WO2012/085483)
[30] FR (1061168) 2010-12-23

---

[21] **2,822,548**
[13] A1
[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/24 (2006.01) F17D 1/17 (2006.01)**
[25] EN
[54] **WATER-BASED DRILLING FLUIDS CONTAINING CROSSLINKED POLYACRYLIC ACID**
[54] **FLUIDES DE FORAGE A BASE AQUEUSE CONTENANT DE L'ACIDE POLYACRYLIQUE RETICULE**
[72] BREEDEN, DAVID, US
[72] GORDON, SCOTT, US
[71] NEWPARK DRILLING FLUIDS, LLC, US
[85] 2013-06-20
[86] 2011-01-05 (PCT/US2011/020280)
[87] (WO2012/087354)
[30] US (12/974,764) 2010-12-21

[21] **2,822,549**
[13] A1
[51] **Int.Cl. C07C 269/06 (2006.01) C07C 317/50 (2006.01) C07C 319/20 (2006.01) C07D 209/20 (2006.01) C07D 307/54 (2006.01) C07D 307/91 (2006.01) C07D 317/60 (2006.01) C07D 333/24 (2006.01) C07D 333/60 (2006.01) C07D 401/04 (2006.01) C07F 7/08 (2006.01)**
[25] FR
[54] **PROCESS FOR PREPARING CHIRAL AMINO ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES AMINES CHIRAUX**
[72] DARSES, SYLVAIN, FR
[72] LEFEVRE, NICOLAS, FR
[72] FOLLEAS, BENOIT, FR
[72] BRAYER, JEAN-LOUIS, FR
[71] DIVERCHIM, FR
[85] 2013-06-20
[86] 2011-12-22 (PCT/FR2011/053147)
[87] (WO2012/085474)
[30] FR (10/61229) 2010-12-23

[21] **2,822,550**
[13] A1
[51] **Int.Cl. C08L 77/06 (2006.01) C08G 69/02 (2006.01) C08K 5/098 (2006.01)**
[25] EN
[54] **POLYAMIDE COMPOSITION**
[54] **COMPOSITION DE POLYAMIDE**
[72] ODA, TAKAFUMI, JP
[72] OTAKI, RYOJI, JP
[72] ISHII, KENTARO, JP
[72] ARAKAWA, SHOTA, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2013-06-20
[86] 2011-12-20 (PCT/JP2011/079566)
[87] (WO2012/090797)
[30] JP (2010-290408) 2010-12-27

[21] **2,822,551**
[13] A1
[51] **Int.Cl. A47D 13/02 (2006.01)**
[25] EN
[54] **BABY CARRIER**
[54] **PORTE-BEBE**
[72] BERGKVIST, HAKAN, SE
[71] BABYBJORN AB, SE
[85] 2013-06-20
[86] 2012-01-24 (PCT/SE2012/050064)
[87] (WO2012/102669)
[30] SE (1150050-1) 2011-01-25

[21] **2,822,552**
[13] A1
[51] **Int.Cl. H02J 7/34 (2006.01) H02M 3/135 (2006.01)**
[25] FR
[54] **MODULE FOR CONVERTING VOLTAGE BETWEEN A HIGH-VOLTAGE ELECTRICAL NETWORK OF AN AIRCRAFT AND AN ENERGY STORAGE ELEMENT**
[54] **MODULE DE CONVERSION DE TENSION ENTRE UN RESEAU ELECTRIQUE HAUTE TENSION D'UN AERONEF ET UN ELEMENT DE STOCKAGE D'ENERGIE**
[72] VIEILLARD, SEBASTIEN, FR
[72] BROSSON, LAURENT BERNARD, FR
[72] KARIMI, CHARIF, FR
[72] PONTRUCHER, MARC HENRI YVES, FR
[71] HISPANO-SUIZA, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[71] SAGEM DEFENSE SECURITE, FR
[85] 2013-06-20
[86] 2011-12-22 (PCT/FR2011/053174)
[87] (WO2012/089973)
[30] FR (1061326) 2010-12-28

[21] **2,822,553**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/167 (2006.01) A61K 31/485 (2006.01) A61K 45/06 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING STABILIZED SOLID DOSAGE PHARMACEUTICAL COMPOSITIONS CONTAINING MORPHINANS**
[54] **PROCEDES DE PRODUCTION DE COMPOSITIONS PHARMACEUTIQUES DOSIFIEES SOLIDES STABILISEES CONTENANT DES MORPHINANES**
[72] PARK, JAE HAN, US
[72] EISENHAUER, TIFFANI, US
[72] DHANARAJAN, ANISH, US
[72] GUPTA, VISHAL K., US
[72] OVERHOLT, STEPHEN, US
[71] MALLINCKRODT LLC, US
[85] 2013-06-20
[86] 2011-06-22 (PCT/US2011/041533)
[87] (WO2012/087377)
[30] US (PCT/US2010/061400) 2010-12-21
[30] US (12/973,962) 2010-12-21

[21] **2,822,555**
[13] A1
[51] **Int.Cl. H04N 7/24 (2011.01) H04N 21/4363 (2011.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USING LOW POWER RF CIRCUITS AND EDID DATA AND CONTROL FOR DISPLAY MONITORING**
[54] **PROCEDE ET APPAREIL PERMETTANT D'UTILISER DES CIRCUITS RF DE FAIBLE PUISSANCE ET DES DONNEES D'IDENTIFICATION D'AFFICHAGE ETENDU (EDID) ET UNE COMMANDE PERMETTANT UNE SURVEILLANCE DE L'AFFICHAGE**
[72] HERLEIN, GREGORY CHARLES, US
[71] THOMSON LICENSING, FR
[85] 2013-06-20
[86] 2011-09-02 (PCT/US2011/050281)
[87] (WO2012/091761)
[30] US (61/428,409) 2010-12-30

[21] **2,822,556**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/407 (2006.01) A61P 31/12 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **MACROCYCLIC HEPATITIS C SERINE PROTEASE INHIBITORS**
[54] **INHIBITEURS MACROCYCLIQUES DE SERINE PROTEASE D'HEPATITE C**
[72] MCDANIEL, KEITH F., US
[72] CHEN, HUI-JU, US
[72] YEUNG, MING, US
[72] MIDDLETON, TIMOTHY, US
[72] LU, LIANGJUN, US
[72] KURTZ, KEVIN, US
[71] ENANTA PHARMACEUTICALS, INC, US
[71] ABBVIE INC., US
[85] 2013-06-18
[86] 2011-12-29 (PCT/US2011/067699)
[87] (WO2012/092409)
[30] US (61/428,446) 2010-12-30

[21] **2,822,559**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) C12N 15/113 (2010.01) A61K 38/46 (2006.01) A61K 48/00 (2006.01) C12N 9/16 (2006.01) C12N 15/12 (2006.01) C12N 15/15 (2006.01) C12N 15/55 (2006.01) C12N 15/85 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **THERAPEUTIC STRATEGIES TO TREAT CNS PATHOLOGY IN MUCOPOLYSACCHARIDOSES**
[54] **STRATEGIES THERAPEUTIQUES POUR TRAITER UNE PATHOLOGIE DU SNC DANS DES MUCOPOLYSACCHARIDOSES**
[72] BALLABIO, ANDREA, IT
[72] FRALDI, ALESSANDRO, IT
[71] FONDAZIONE TELETHON, IT
[85] 2013-06-20
[86] 2010-12-22 (PCT/IB2010/056024)
[87] (WO2012/085622)

[21] **2,822,560**
[13] A1
[51] **Int.Cl. F41H 5/04 (2006.01)**
[25] EN
[54] **TRAUMA REDUCING PACK**
[54] **BLOC DE REDUCTION DES TRAUMATISMES**
[72] BADER, YVES, FR
[72] PONT, NICOLAS, FR
[72] BURR, DOMINIQUE, FR
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-20
[86] 2011-09-19 (PCT/US2011/052131)
[87] (WO2012/087391)
[30] US (61/425,327) 2010-12-21

[21] **2,822,561**
[13] A1
[51] **Int.Cl. H04W 52/32 (2009.01) H04W 52/34 (2009.01)**
[25] EN
[54] **ALLOCATION OF ACKNOWLEDGMENT CHANNELS TO CHANNEL GROUPS HAVING VARIABLE TRANSMIT ENERGIES**
[54] **ATTRIBUTION DE CANAUX D'ACCUSE DE RECEPTION A DES GROUPES DE CANAUX AYANT DES ENERGIES DE TRANSMISSION VARIABLES**
[72] CHEN, XIXIAN, CA
[72] REN, HONG, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2013-06-20
[86] 2010-12-31 (PCT/IB2010/056146)
[87] (WO2012/090028)

[21] **2,822,564**
[13] A1
[51] **Int.Cl. B01D 3/06 (2006.01)**
[25] EN
[54] **MICROFLUIDIC SYSTEM AND METHOD FOR PERFORMING A FLASH SEPARATION OF A RESERVOIR FLUID SAMPLE**
[54] **SYSTEME MICROFLUIDIQUE ET PROCEDE POUR EFFECTUER UNE SEPARATION PAR VAPORISATION D'UN ECHANTILLON DE FLUIDE DE RESERVOIR**
[72] SINGH, ANIL, US
[72] SCHMIDT, KURT, CA
[72] MOSTOWFI, FARSHID, CA
[72] FISHER, ROBERT, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-06-20
[86] 2011-02-11 (PCT/IB2011/050573)
[87] (WO2012/107799)

[21] **2,822,565**
[13] A1
[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **BI-HETEROARYL COMPOUNDS AS VPS34 INHIBITORS**
[54] **COMPOSES BI-HETEROARYLES EN TANT QU'INHIBITEURS DE VPS34**
[72] CORNELLA TARACIDO, IVAN, US
[72] HARRINGTON, EDMUND MARTIN, US
[72] HONDA, AYAKO, US
[72] KEANEY, ERIN, US
[71] NOVARTIS AG, CH
[85] 2013-06-20
[86] 2011-12-19 (PCT/IB2011/055772)
[87] (WO2012/085815)
[30] US (61/425,416) 2010-12-21

[21] **2,822,567**
[13] A1
[51] **Int.Cl. B66B 23/02 (2006.01)**
[25] EN
[54] **METHOD AND CONVEYOR SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSPORTEUR**
[72] BOOM, ANTHONY S., US
[71] KONE CORPORATION, FI
[85] 2013-06-20
[86] 2011-10-11 (PCT/US2011/055738)
[87] (WO2012/094044)
[30] US (61/429,609) 2011-01-04

[21] **2,822,568**
[13] A1
[51] **Int.Cl. E21D 20/02 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEMS FOR MINES**
[54] **SYSTEMES D'ANCRAGE POUR MINES**
[72] SIMMONS, WALTER JOHN, US
[72] SIMMONS, WALTER NEAL, US
[71] TERRASIMCO, INC., US
[85] 2013-06-20
[86] 2011-11-07 (PCT/US2011/059663)
[87] (WO2012/061842)
[30] US (61/410,933) 2010-11-07

[21] **2,822,571**
[13] A1
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING FLUID FLOW INTO A WELLBORE**
[54] **PROCEDE ET APPAREIL DE REGULATION DU DEBIT DE FLUIDE ENTRANT DANS UN PUITS DE FORAGE**
[72] SUN, KAI, US
[72] CONSTANTINE, JR., JESSE J., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2013-06-20
[86] 2011-11-28 (PCT/US2011/062232)
[87] (WO2012/091829)
[30] US (12/981,897) 2010-12-30

[21] **2,822,572**
[13] A1
[51] **Int.Cl. A61L 26/00 (2006.01)**
[25] EN
[54] **SPRAYABLE PHARMACEUTICAL COMPOSITIONS FOR TOPICAL APPLICATION COMPRISING SUCRALFATE GEL**
[54] **COMPOSITIONS PHARMACEUTIQUES PULVERISABLES POUR APPLICATION TOPIQUE COMPRENANT DU GEL DE SUCRALFATE**
[72] COLOMBO, GALA, IT
[72] COLOMBO, PAOLO, IT
[72] GALLINA, LAURA, IT
[72] SCAGLIARINI, ALESSANDRA, IT
[72] SONVICO, FABIO, IT
[71] LABORATORIO ITALIANO BIOCHIMICO FARMACEUTICO LISAPHARMA S.P.A., IT
[85] 2013-06-20
[86] 2011-12-21 (PCT/IB2011/055850)
[87] (WO2012/085859)
[30] IT (MI2010A002366) 2010-12-22

[21] **2,822,573**
[13] A1
[51] **Int.Cl. F16D 48/06 (2006.01) B60K 17/06 (2006.01) F16D 27/14 (2006.01) G01K 13/00 (2006.01)**
[25] EN
[54] **CLUTCH TEMPERATURE ESTIMATION FOR A MOBILE MACHINE**
[54] **ESTIMATION DE LA TEMPERATURE DE L'EMBRAYAGE DESTINEE A UNE MACHINE MOBILE**
[72] BARBIR, MIRKO, US
[72] GROVE, STACY, US
[72] LIU, YUN, US
[72] MCCANN, GERRY, US
[72] GATES, JOHN, US
[71] CATERPILLAR INC., US
[85] 2013-06-20
[86] 2011-12-06 (PCT/US2011/063484)
[87] (WO2012/091858)
[30] US (12/980,481) 2010-12-29

[21] **2,822,574**
[13] A1
[51] **Int.Cl. H04L 1/16 (2006.01) H04L 1/18 (2006.01)**
[25] EN
[54] **MESSAGE ACKNOWLEDGMENT BASED UPON COMMUNICATION QUALITY**
[54] **ACCUSE DE RECEPTION DE MESSAGE BASE SUR LA QUALITE DE COMMUNICATION**
[72] REAMS, WILLIAM, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-06-20
[86] 2011-12-06 (PCT/US2011/063569)
[87] (WO2012/087567)
[30] US (12/974,220) 2010-12-21

[21] **2,822,576**
[13] A1
[51] **Int.Cl. H03M 11/20 (2006.01) G06F 3/023 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EFFICIENT ILLUMINATION OF INDIVIDUAL KEYS IN A KEYBOARD**
[54] **PROCEDES ET APPAREIL POUR L'ECLAIREMENT EFFICACE DE TOUCHES INDIVIDUELLES DANS UN CLAVIER**
[72] MICKELSEN, JEREMY, US
[72] LAMMERS, ALEX, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-06-20
[86] 2011-12-06 (PCT/US2011/063571)
[87] (WO2012/087568)
[30] US (12/975,904) 2010-12-22

[21] **2,822,577**
[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01) B29D 99/00 (2010.01) B29C 70/86 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURES HAVING INTEGRATED STIFFENERS WITH SMOOTH RUNOUTS AND METHOD OF MAKING THE SAME**
[54] **STRUCTURES COMPOSITES DOTEES DE RAIDISSEURS INTEGRES A DEVERS REGULIERS ET LEUR PROCEDE DE FABRICATION**
[72] POOK, DAVID A., AU
[72] LOCKETT, PETER J., AU
[72] GLYNN, ANDREW, AU
[71] THE BOEING COMPANY, US
[85] 2013-06-20
[86] 2011-12-07 (PCT/US2011/063658)
[87] (WO2012/102789)
[30] US (13/012,162) 2011-01-24

[21] **2,822,578**
[13] A1
[51] **Int.Cl. C08L 63/00 (2006.01) C08G 59/06 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **EPOXY RESIN SYSTEM CONTAINING INSOLUBLE AND PARTIALLY SOLUBLE OR SWELLABLE TOUGHENING PARTICLES FOR USE IN PREPREG AND STRUCTURAL COMPONENT APPLICATIONS**
[54] **SYSTEME DE RESINE EPOXYDE CONTENANT DES PARTICULES DE RENFORT INSOLUBLES ET DES PARTICULES DE RENFORT PARTIELLEMENT SOLUBLES OU POUVANT GONFLER DESTINE A ETRE UTILISE DANS DES APPLICATIONS DE PREIMPREGNES ET D'ELEMENTS DE STRUCTURE**
[72] GRIFFIN, JAMES, US
[72] BONNEAU, MARK, US
[72] EMMERSON, GORDON, US
[71] CYTEC TECHNOLOGY CORP., US
[85] 2013-06-20
[86] 2011-12-09 (PCT/US2011/064076)
[87] (WO2012/087602)
[30] US (61/426,383) 2010-12-22

[21] **2,822,580**
[13] A1
[51] **Int.Cl. H05B 35/00 (2006.01) F21V 19/00 (2006.01) H01J 61/96 (2006.01)**
[25] EN
[54] **HYBRID COMPACT FLUORESCENT LAMP FIXING METHOD**
[54] **PROCEDE DE FIXATION DE LAMPE FLUORESCENTE COMPACTE HYBRIDE**
[72] LUCZ, PETER, HU
[72] LONG, QI, CN
[72] SUN, DEVIN, CN
[72] HUANG, CHUNRONG, CN
[72] ZHU, YUNFEI, CN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2013-06-20
[86] 2011-12-12 (PCT/US2011/064311)
[87] (WO2012/091890)
[30] CN (201010625201.2) 2010-12-31
[30] US (13/150,527) 2011-06-01

[21] **2,822,581**
[13] A1
[51] **Int.Cl. B01J 21/10 (2006.01) B01J 21/06 (2006.01) C01F 5/02 (2006.01) C07C 11/09 (2006.01)**
[25] EN
[54] **ISOMERIZATION CATALYSTS**
[54] **CATALYSEURS D'ISOMERISATION**
[72] RUETINGER, WOLFGANG, US
[72] MOINI, AHMAD, US
[72] RAMACHANDRAN, BALA, US
[72] CHOI, SUKWON, US
[71] BASF CORPORATION, US
[85] 2013-06-20
[86] 2011-12-14 (PCT/US2011/064873)
[87] (WO2012/087704)
[30] US (12/974,176) 2010-12-21

[21] **2,822,587**
[13] A1
[51] **Int.Cl. B62D 11/16 (2006.01) B60K 6/20 (2007.10) B60K 6/365 (2007.10) B60K 6/445 (2007.10) B60K 6/48 (2007.10) B60L 11/14 (2006.01)**
[25] EN
[54] **CRAWLER VEHICLE AND RELATIVE CONTROL METHOD**
[54] **VEHICULE CHENILLE ET PROCEDE DE COMMANDE DE CE VEHICULE**
[72] KALMBACH, KLAUS, LU
[72] LUTZ, MATHIAS, LU
[72] MILAN, GIANLUCA, LU
[72] GIACOMETTI, ALBERTO, LU
[72] RUNGGALDIER, MARTIN, IT
[71] SNOWGROLIC S.A R.L., LU
[85] 2013-06-20
[86] 2011-12-22 (PCT/IB2011/055917)
[87] (WO2012/085882)
[30] IT (MI2010A002358) 2010-12-22

[21] **2,822,590**
[13] A1
[51] **Int.Cl. C07D 241/02 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND THEIR USES**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS**
[72] CHEN, YI, US
[72] CUSHING, TIMOTHY D., US
[72] FISHER, BENJAMIN, US
[72] GONZALEZ LOPEZ DE TURISO, FELIX, US
[72] HAO, XIAOLIN, US
[72] SHIN, YOUNGSOOK, US
[71] AMGEN INC., US
[85] 2013-06-20
[86] 2011-12-16 (PCT/US2011/065354)
[87] (WO2012/087784)
[30] US (61/426,789) 2010-12-23

[21] **2,822,591**
[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR CONJUGATING A WATER SOLUBLE FATTY ACID DERIVATIVE TO A PROTEIN**
[54] **MATERIELS ET METHODES POUR LA CONJUGAISON D'UN DERIVE D'ACIDE GRAS SOLUBLE DANS L'EAU A UNE PROTEINE**
[72] SIEKMANN, JUERGEN, AT
[72] SCHEINECKER, RICHARD, AT
[72] ROTTENSTEINER, HANSPETER, AT
[72] TURECEK, PETER, AT
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[85] 2013-06-20
[86] 2011-12-16 (PCT/US2011/065591)
[87] (WO2012/087838)
[30] US (61/426,356) 2010-12-22

[21] **2,822,592**
[13] A1
[51] **Int.Cl. H01L 31/04 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SOLAR CELL ELEMENT AND SOLAR CELL ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE CELLULE SOLAIRE ET ELEMENT DE CELLULE SOLAIRE**
[72] MITTA, RYO, JP
[72] ENDO, YOKO, JP
[72] WATABE, TAKENORI, JP
[72] OTSUKA, HIROYUKI, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[85] 2013-06-20
[86] 2011-12-21 (PCT/JP2011/079671)
[87] (WO2012/086701)
[30] JP (2010-288062) 2010-12-24

[21] **2,822,593**
[13] A1
[51] **Int.Cl. H02M 7/537 (2006.01)**
[25] EN
[54] **MECHANICAL ARRANGEMENT OF A MULTILEVEL POWER CONVERTER CIRCUIT**
[54] **AGENCEMENT MECANIQUE DE CIRCUIT CONVERTISSEUR DE PUISSANCE A PLUSIEURS NIVEAUX**
[72] PERMUY, ALFRED, FR
[72] BENAVIDES, NICHOLAS D., US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[85] 2013-06-20
[86] 2011-12-19 (PCT/US2011/065727)
[87] (WO2012/087869)
[30] US (61/426,051) 2010-12-22
[30] US (61/501,876) 2011-06-28

[21] **2,822,594**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 5/10 (2006.01) C12Q 1/02 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **BIOASSAY METHOD FOR DETECTING PHYSIOLOGICALLY ACTIVE SUBSTANCE**
[54] **PROCEDE DE DOSAGE BIOLOGIQUE POUR DETECTER UNE SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE**
[72] ARAKI, NAOHIRO, JP
[72] IIDA, MITSURU, JP
[72] MACHIDA, KIYOTAKA, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2013-06-20
[86] 2011-12-22 (PCT/JP2011/079806)
[87] (WO2012/086756)
[30] JP (2010-288305) 2010-12-24

[21] **2,822,596**
[13] A1
[51] **Int.Cl. C08L 101/00 (2006.01) C08J 3/21 (2006.01) C08J 5/24 (2006.01) C08L 51/00 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **POLYMER MICROPARTICLE-DISPERSED RESIN COMPOSITION AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITION DE RESINE A MICROPARTICULES POLYMERES DISPERSEES ET SON PROCEDE DE PRODUCTION**
[72] FURUKAWA YOSHIO, JP
[71] KANEKA CORPORATION, JP
[85] 2013-06-20
[86] 2011-12-28 (PCT/JP2011/080380)
[87] (WO2012/093631)
[30] JP (2011-000776) 2011-01-05
[30] JP (2011-240879) 2011-11-02

[21] **2,822,597**
[13] A1
[51] **Int.Cl. C23C 16/42 (2006.01) B65D 1/00 (2006.01) B65D 23/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING GAS BARRIER PLASTIC MOLDED BODY**
[54] **PROCEDE DE PRODUCTION D'UN CORPS MOULE EN PLASTIQUE DE BARRIERE CONTRE LES GAZ**
[72] NAKAYA, MASAKI, JP
[72] TAKIGUCHI, MIDORI, JP
[72] SHIMIZU, MARI, JP
[72] SATO, AIKO, JP
[72] TABUCHI, HIROYASU, JP
[72] MATSUI, EITARO, JP
[71] KIRIN BEER KABUSHIKI KAISHA, JP
[85] 2013-06-20
[86] 2011-12-28 (PCT/JP2011/080399)
[87] (WO2012/091095)
[30] JP (2010-293651) 2010-12-28

[21] **2,822,598**
[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01)**
[25] EN
[54] **CIGARETTE BOX WITH AN OUTER SCREEN WALLS SYSTEM AND ITS BLANKS**
[54] **PAQUET DE CIGARETTES A SYSTEME DE PAROIS D'ECRAN EXTERNES ET EBAUCHES CORRESPONDANTES**
[72] MAZUR, WOJCIECH, PL
[71] MAZUR, WOJCIECH, PL
[85] 2013-06-20
[86] 2010-12-29 (PCT/PL2010/050064)
[87] (WO2011/053176)
[30] PL (P 393376) 2010-12-20

[21] **2,822,599**
[13] A1
[51] **Int.Cl. B32B 27/00 (2006.01) C23C 16/42 (2006.01)**
[25] EN
[54] **GAS-BARRIER PLASTIC MOLDED PRODUCT AND MANUFACTURING PROCESS THEREFOR**
[54] **PRODUIT MOULE EN MATIERE PLASTIQUE A BARRIERE CONTRE LES GAZ ET SON PROCEDE DE FABRICATION**
[72] SHIMIZU, MARI, JP
[72] MATSUI, EITARO, JP
[72] SATO, AIKO, JP
[72] NAKAYA, MASAKI, JP
[72] TABUCHI, HIROYASU, JP
[71] KIRIN BEER KABUSHIKI KAISHA, JP
[85] 2013-06-20
[86] 2011-12-28 (PCT/JP2011/080408)
[87] (WO2012/091097)
[30] JP (2010-293646) 2010-12-28

[21] **2,822,600**
[13] A1
[51] **Int.Cl. G08G 5/04 (2006.01) G05D 1/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VEHICLE SEPARATION FOR A PLURALITY OF VEHICLES**
[54] **SYSTEME ET PROCEDE DE SEPARATION DE VEHICULES POUR UNE PLURALITE DE VEHICULES**
[72] ERIKSSON, JAN-ERIK, SE
[71] SAAB AB, SE
[85] 2013-06-20
[86] 2010-12-22 (PCT/SE2010/051476)
[87] (WO2012/087212)

[21] **2,822,601**
[13] A1
[51] **Int.Cl. E03F 1/00 (2006.01) E03B 3/03 (2006.01)**
[25] EN
[54] **STORAGE COMPOSITE, AND STORAGE TANK AND PERMEABLE STORAGE TANK USING SAME**
[54] **COMPOSITE DE STOCKAGE, CUVE DE STOCKAGE ET CUVE DE STOCKAGE PERMEABLE METTANT EN UVRE LEDIT COMPOSITE**
[72] TAKAI, SEIICHIRO, JP
[71] TOTETU MFG. CO. LTD., JP
[85] 2013-06-20
[86] 2012-02-06 (PCT/JP2012/052610)
[87] (WO2012/111465)
[30] JP (2011-028530) 2011-02-14

[21] **2,822,602**
[13] A1
[51] **Int.Cl. B65B 13/20 (2006.01) B65B 35/30 (2006.01) B65B 51/06 (2006.01) B65B 61/06 (2006.01)**
[25] EN
[54] **DRUG PACKAGE WINDING APPARATUS**
[54] **APPAREIL D'ENROULEMENT D'EMBALLAGE DE MEDICAMENTS**
[72] KIM, JUN-HO, KR
[71] JVM CO., LTD., KR
[85] 2013-06-20
[86] 2011-12-08 (PCT/KR2011/009466)
[87] (WO2012/086953)
[30] KR (10-2010-0131712) 2010-12-21

[21] **2,822,603**
[13] A1
[51] **Int.Cl. H04N 7/015 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING BROADCAST SERVICE, METHOD FOR RECEIVING THE BROADCASTING SERVICE, AND APPARATUS FOR RECEIVING THE BROADCASTING SERVICE**
[54] **PROCEDES D'EMISSION ET DE RECEPTION DE SERVICE DE DIFFUSION ET APPAREIL DE RECEPTION DU SERVICE DE DIFFUSION**
[72] LEE, JOONHUI, KR
[72] KIM, KWANSUK, KR
[72] KIM, SANGHYUN, KR
[72] SEO, DONGWAN, KR
[72] SUH, JONGYEUL, KR
[71] LG ELECTRONICS INC., KR
[85] 2013-06-20
[86] 2011-12-23 (PCT/KR2011/010052)
[87] (WO2012/091371)
[30] US (61/427,198) 2010-12-26

[21] **2,822,604**
[13] A1
[51] **Int.Cl. D21H 17/01 (2006.01) D21H 19/00 (2006.01) D21H 21/00 (2006.01)**
[25] EN
[54] **RECYCLING OF WASTE COATING COLOR**
[54] **RECYCLAGE DE DECHETS DE SAUCE DE COUCHAGE**
[72] CHENG, WEIGUO, US
[71] NALCO COMPANY, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066378)
[87] (WO2012/088221)
[30] US (12/975,596) 2010-12-22

[21] **2,822,606**
[13] A1
[51] **Int.Cl. A47D 13/02 (2006.01)**
[25] EN
[54] **BABY CARRIER**
[54] **PORTE-BEBE**
[72] BERGKVIST, HAKAN, SE
[72] ZANDREN, ANDREAS, SE
[72] THALEN, DAVID, SE
[71] BABYBJORN AB, SE
[85] 2013-06-20
[86] 2012-01-24 (PCT/SE2012/050065)
[87] (WO2012/102670)
[30] SE (1150048-5) 2011-01-25

[21] **2,822,607**
[13] A1
[51] **Int.Cl. G01N 17/02 (2006.01) G01N 27/26 (2006.01)**
[25] EN
[54] **CORROSION RESISTANCE EVALUATOR**
[54] **SYSTEME D'EVALUATION DE LA RESISTANCE A LA CORROSION**
[72] ZHANG, SHI HUA, US
[72] PELOSI, LORENZO FRED, US
[72] NAHAS, ROBERT C., US
[71] COATINGS FOREIGN IP CO. LLC, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066419)
[87] (WO2012/088236)
[30] US (61/425,462) 2010-12-21

[21] **2,822,608**
[13] A1
[51] **Int.Cl. C02F 5/10 (2006.01) C02F 1/42 (2006.01) C02F 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR INHIBITING THE FORMATION AND DEPOSITION OF SILICA SCALE IN AQUEOUS SYSTEMS**
[54] **PROCEDE D'INHIBITION DE LA FORMATION ET DU DEPOT DE RESIDUS DE SILICE DANS DES SYSTEMES AQUEUX**
[72] GREENE, NATHANIEL T., US
[72] GILL, JASBIR S., US
[72] GODFREY, MARTIN R., US
[72] WILLIAMS, CHERYL, US
[71] NALCO COMPANY, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066427)
[87] (WO2012/088240)
[30] US (12/976,013) 2010-12-22

[21] **2,822,610**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 7/02 (2006.01) C12N 5/16 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **ANTI-P-SELECTIN ANTIBODIES AND METHODS OF THEIR USE AND IDENTIFICATION**
[54] **ANTICORPS ANTI-P-SELECTINE ET LEURS PROCEDES D'UTILISATION ET D'IDENTIFICATION**
[72] ROLLINS, SCOTT, US
[72] ALVAREZ, RICHARD, US
[72] ROTHER, RUSSELL, US
[72] KAWAR, ZIAD S., US
[72] MCEVER, RODGER P., US
[71] SELEXYS PHARMACEUTICALS CORPORATION, US
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066470)
[87] (WO2012/088265)
[30] US (12/974,739) 2010-12-21
[30] US (61/529,682) 2011-08-31

[21] **2,822,612**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **OPHTHALMIC SURGICAL SYSTEMS HAVING INTRAOCULAR PRESSURE STABILIZING APPARATUS**
[54] **SYSTEMES DE CHIRURGIE OPHTALMOLOGIQUE EQUIPES D'UN APPAREIL DE STABILISATION DE LA PRESSION INTRAOCULAIRE**
[72] VALENTI, MICHAEL J., US
[72] MCCARY, BRIAN D., US
[72] ROSENSHEIN, JOSEPH S., US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2013-06-20
[86] 2011-12-20 (PCT/US2011/066115)
[87] (WO2012/092018)
[30] US (61/428,887) 2010-12-31
[30] US (13/331,194) 2011-12-20

[21] **2,822,617**
[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) A61K 31/195 (2006.01) A61K 31/198 (2006.01) A61K 38/08 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING METABOLIC DISORDERS AND OBESITY WITH GIP AND GLP-1 RECEPTOR-ACTIVE GLUCAGON-BASED PEPTIDES**
[54] **METHODES DE TRAITEMENT DES AFFECTIONS METABOLIQUES ET DE L'OBESITE FAISANT APPEL A DES PEPTIDES ASSOCIES AU GLUCAGON, ACTIFS SUR LES RECEPTEURS GIP ET GLP-1**
[72] VIGNATI, LOUIS, US
[72] DIMARCHI, RICHARD D., US
[71] MARCADIA BIOTECH, INC., US
[85] 2013-06-20
[86] 2011-12-22 (PCT/US2011/066739)
[87] (WO2012/088379)
[30] US (61/426,338) 2010-12-22
[30] US (61/500,229) 2011-06-23

[21] **2,822,621**
[13] A1
[51] **Int.Cl. A01N 55/02 (2006.01)**
[25] EN
[54] **HISTONE ACETYLTRANSFERASE MODULATORS AND USESE THEREOF**
[54] **MODULATEURS DE L'HISTONE ACETYLTRANSFERASE ET LEURS UTILISATIONS**
[72] FRANCIS, YITSHAK, US
[72] FA, MAURO, US
[72] ARANCIO, OTTAVIO, US
[72] FIORITO, JOLE, US
[72] DENG, SHIXIAN, US
[72] LANDRY, DONALD W., US
[72] LUZAC, MICHAL, US
[72] FENG, YAN, CN
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2013-06-20
[86] 2011-12-22 (PCT/US2011/066851)
[87] (WO2012/088420)
[30] US (61/426,033) 2010-12-22
[30] US (61/539,697) 2011-09-27
[30] US (61/541,706) 2011-09-30

[21] **2,822,637**
[13] A1
[51] **Int.Cl. A61B 7/02 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING FERMENTATION PRODUCTS**
[54] **PROCEDES D'OBTENTION DE PRODUITS DE FERMENTATION**
[72] DEINHAMMER, RANDY, US
[72] CLARK, SUZANNE, US
[72] QUIROS, MAURICIO, US
[72] MATTHEWS, JOHN, US
[72] HJULMAND, ANNE GLUD, US
[72] SOONG, CHEE-LEONG, US
[72] MATSUI, TOMOKO, JP
[72] TAKAGI, SHINOBU, JP
[71] NOVOZYMES NORTH AMERICA, INC., US
[71] NOVOZYMES A/S, DK
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066559)
[87] (WO2012/088303)
[30] US (61/426,039) 2010-12-22
[30] US (61/566,373) 2011-12-02

[21] **2,822,639**
[13] A1
[51] **Int.Cl. A61K 31/635 (2006.01) A61K 31/427 (2006.01) A61K 31/4418 (2006.01) A61K 31/4709 (2006.01) A61K 31/472 (2006.01) A61K 31/496 (2006.01) A61K 31/513 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING SYSTEMIC LUPUS ERYTHEMATOSUS USING HIV PROTEASE INHIBITORS**
[54] **PROCEDES POUR TRAITER LE LUPUS ERYTHEMATEUX DISSEMINE UTILISANT DES INHIBITEURS DE PROTEASE DU VIH**
[72] AL-ABED, YOUSEF, US
[72] DIAMOND, BETTY A., US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066565)
[87] (WO2012/088305)
[30] US (61/426,221) 2010-12-22

[21] **2,822,641**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **MOLD-TOOL SYSTEM INCLUDING COOLING-INSERT ASSEMBLY BEING POSITIONED PROXIMATE TO NOZZLE ASSEMBLY**
[54] **SYSTEME D'OUTIL DE MOULE COMPRENANT UN ENSEMBLE INSERT DE REFROIDISSEMENT POSITIONNE A PROXIMITE DE L'ENSEMBLE BUSE**
[72] BLAIS, PAUL R., US
[72] MACLEOD, DARRIN ALBERT, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-06-20
[86] 2012-02-14 (PCT/US2012/024948)
[87] (WO2012/112473)
[30] US (61/443,536) 2011-02-16

[21] **2,822,645**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **MOLD-TOOL SYSTEM INCLUDING RUNNER ASSEMBLY CONFIGURED TO PROVIDE ACCESS PORTAL FOR PERMITTING ACCESS TO ASSEMBLY**
[54] **SYSTEME D'OUTIL DE MOULAGE COMPRENANT UN ENSEMBLE CANAL DE COULEE CONFIGURE POUR OFFRIR UN PORTAIL D'ACCES AFIN DE PERMETTRE UN ACCES A UN ENSEMBLE**
[72] METZ, PHILIPE ALEXANDRE, FR
[72] DEZON-GAILLARD, PATRICE FABIEN, US
[72] OVERFIELD, SARAH KATHLEEN, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-06-20
[86] 2012-02-16 (PCT/US2012/025330)
[87] (WO2012/112732)
[30] US (61/443,735) 2011-02-17

[21] **2,822,647**
[13] A1
[51] **Int.Cl. C08K 5/1525 (2006.01) C03C 25/26 (2006.01) C08K 5/1539 (2006.01) C09K 21/06 (2006.01) D04H 1/58 (2012.01)**
[25] FR
[54] **AQUEOUS FIRE RETARDANT COMPOSITION FOR MINERAL FIBER MAT, AND RESULTING MATS**
[54] **COMPOSITION IGNIFUGE AQUEUSE POUR MAT A BASE DE FIBRES MINERALES, ET MATS OBTENUS**
[72] CHUDA, KATARZYNA, FR
[71] SAINT-GOBAIN ADFORS, FR
[85] 2013-06-20
[86] 2011-12-26 (PCT/FR2011/053195)
[87] (WO2012/089981)
[30] FR (10/05202) 2010-12-31

[21] **2,822,649**
[13] A1
[51] **Int.Cl. C04B 26/00 (2006.01) C04B 26/02 (2006.01) C04B 26/06 (2006.01) C04B 26/10 (2006.01) C04B 26/14 (2006.01) C04B 26/16 (2006.01) C04B 26/18 (2006.01) C04B 26/20 (2006.01) C04B 26/24 (2006.01) C04B 26/30 (2006.01) C04B 28/24 (2006.01)**
[25] EN
[54] **TAILINGS STREAM TREATMENT PROCESSES**
[54] **PROCEDES DE TRAITEMENT D'UN COURANT DE QUEUE**
[72] MOFFETT, ROBERT HARVEY, US
[72] ANDRIN, PETER, CA
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066462)
[87] (WO2012/088262)
[30] US (61/425,315) 2010-12-21

[21] **2,822,658**
[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/12 (2009.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SOCIAL MEDIA SHUFFLE SYSTEM AND APPLICATION**
[54] **SYSTEME ET APPLICATION DE BRASSAGE DE MEDIA SOCIAL**
[72] SACHDEVA, TARUN, CA
[72] DEZELAK, JONATHAN ELI, CA
[72] SHIFFMAN, ELLIOT DANIEL, CA
[72] LEVITZ, ARON ROBERT, CA
[72] HAY, CATHARINE, CA
[72] MITCHELL, ALISTAIR, CA
[72] SIRCAR, SHILADITYA, CA
[72] THOMAS, EDWARD ERIC, CA
[72] FUKUMOTO, SCOTT, US
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2013-06-21
[86] 2011-12-21 (PCT/CA2011/001405)
[87] (WO2012/083439)
[30] US (61/426,915) 2010-12-23
[30] US (61/426,946) 2010-12-23
[30] US (61/426,955) 2010-12-23
[30] US (61/426,959) 2010-12-23
[30] US (61/426,974) 2010-12-23
[30] US (61/426,989) 2010-12-23

[21] **2,822,660**
[13] A1
[51] **Int.Cl. A23L 1/29 (2006.01) A23L 1/30 (2006.01) A61K 31/702 (2006.01) A61K 35/74 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **SYNBIOTIC COMBINATION OF PROBIOTIC AND HUMAN MILK OLIGOSACCHARIDES TO PROMOTE GROWTH OF BENEFICIAL MICROBIOTA**
[54] **COMBINAISON SYMBIOTIQUE DE PROBIOTIQUE ET D'OLIGOSACCHARIDES DE LAIT HUMAIN VISANT A FAVORISER LA CROISSANCE D'UN MICROBIOTE BENEFIQUE**
[72] CHOW, JOMAY, US
[72] BUCK, RACHAEL, US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-20
[86] 2011-12-22 (PCT/US2011/067012)
[87] (WO2012/092155)
[30] US (61/428,869) 2010-12-31

[21] **2,822,664**
[13] A1
[51] **Int.Cl. A23L 1/29 (2006.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01) A23L 1/30 (2006.01) A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 1/00 (2006.01) A61P 11/00 (2006.01) A61P 31/12 (2006.01) A61P 37/00 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **NUTRITIONAL FORMULATIONS INCLUDING HUMAN MILK OLIGOSACCHARIDES AND ANTIOXIDANTS AND USES THEREOF**
[54] **FORMULATIONS NUTRITIONNELLES A BASE D'OLIGOSACCHARIDES DE LAIT HUMAIN ET D'ANTIOXYDANTS ET LEURS UTILISATIONS**
[72] BUCK, RACHAEL, US
[72] DUSKA-MCEWEN, GERALYN O., US
[72] SCHALLER, JOSEPH P., US
[71] ABBOTT LABORATORIES, US
[85] 2013-06-20
[86] 2011-12-22 (PCT/US2011/067022)
[87] (WO2012/092157)
[30] US (61/428,861) 2010-12-31

[21] **2,822,666**
[13] A1
[51] **Int.Cl. E05B 65/12 (2006.01) E05B 53/00 (2006.01)**
[25] EN
[54] **REINFORCED MOTOR VEHICLE LOCK**
[54] **SERRURE RENFORCEE DE VEHICULE A MOTEUR**
[72] GOTZEN, KLAUS, DE
[72] GROSSMANN, ALEXANDER, DE
[72] MULLER, DOROTHEA, DE
[71] KIEKERT AKTIENGESELLSCHAFT, DE
[85] 2013-06-21
[86] 2011-12-10 (PCT/DE2011/002108)
[87] (WO2012/083924)
[30] DE (10 2010 063 868.4) 2010-12-22

[21] **2,822,670**
[13] A1
[51] **Int.Cl. A61M 5/42 (2006.01) A61F 13/02 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **COVER UNIT FOR USE WHEN INSERTING A PUNCTURE DEVICE IN AN ANATOMICAL STRUCTURE SUCH AS A VEIN OR AN ARTERY AND FOR MAINTAINING SAID PUNCTURE DEVICE IN THE ANATOMICAL STRUCTURE**
[54] **UNITE DE COUVERCLE DESTINEE A ETRE UTILISEE LORS DE L'INTRODUCTION D'UN DISPOSITIF DE PIQURE DANS UNE STRUCTURE ANATOMIQUE TELLE QU'UNE VEINE OU UNE ARTERE ET A MAINTENIR LEDIT DISPOSITIF DE PIQURE DANS LA STRUCTURE ANATOMIQUE**
[72] SLOTH, ERIK, DK
[72] BENDTSEN, THOMAS FICHTNER, DK
[72] KNUDSEN, LARS, DK
[71] US ENOVACOR APS, DK
[85] 2013-06-21
[86] 2011-12-20 (PCT/DK2011/050504)
[87] (WO2012/083965)
[30] EP (10196787.5) 2010-12-23
[30] US (61/426,531) 2010-12-23

[21] **2,822,675**
[13] A1
[51] **Int.Cl. H04R 25/00 (2006.01) H04M 1/03 (2006.01)**
[25] EN
[54] **METHOD AND SYTEM FOR WIRELESS COMMUNICATION BETWEEN A TELEPHONE AND A HEARING AID**
[54] **PROCEDE ET SYSTEME POUR UNE COMMUNICATION SANS FIL ENTRE UN TELEPHONE ET UNE AIDE AUDITIVE**
[72] NOERGAARD, PETER MAGNUS, DK
[72] HELLINGHUS, JAN, DK
[72] KROMAN, MORTEN, DK
[71] WIDEX A/S, DK
[85] 2013-06-21
[86] 2010-12-22 (PCT/EP2010/070450)
[87] (WO2012/084026)

[21] **2,822,680**
[13] A1
[51] **Int.Cl. B60B 3/14 (2006.01) B60B 3/16 (2006.01)**
[25] EN
[54] **A WHEEL, AN ADAPTER, A KIT OF PARTS AND A METHOD**
[54] **ROUE, ADAPTATEUR, ENSEMBLE DE PIECES ET PROCEDE**
[72] SMEDING, DERK MARCEL, NL
[71] XINIX WHEEL TECHNOLOGY B.V., NL
[85] 2013-06-21
[86] 2011-11-07 (PCT/NL2011/050759)
[87] (WO2012/087117)
[30] EP (10196660.4) 2010-12-22

[21] **2,822,681**
[13] A1
[51] **Int.Cl. C07D 405/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS AND PROCESSES FOR THEIR PREPARATION**
[54] **FORMES CRISTALLINES ET PROCEDES POUR LEUR PREPARATION**
[72] BELIAEV, ALEXANDER, PT
[72] LEARMONTH, DAVID ALEXANDER, PT
[72] BROADBELT, BRIAN, GB
[72] ALBERT, EKATERINA, US
[72] ANDRES, PATRICIA, US
[71] BIAL-PORTELA & CA., S.A., PT
[85] 2013-06-21
[86] 2011-12-21 (PCT/PT2011/000046)
[87] (WO2012/087174)
[30] US (61/426,209) 2010-12-22

[21] **2,822,682**
[13] A1
[51] **Int.Cl. A61L 27/42 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **BONE SUBSTITUTE MATERIAL**
[54] **MATERIAU DE SUBSTITUT OSSEUX**
[72] BUFLER, MICHAEL ALEXANDER, CH
[71] GEISTLICH PHARMA AG, CH
[85] 2013-06-21
[86] 2011-12-21 (PCT/EP2011/006457)
[87] (WO2012/084214)
[30] EP (EP10015924) 2010-12-22

[21] **2,822,684**
[13] A1
[51] **Int.Cl. C07K 14/21 (2006.01) A61K 39/104 (2006.01) A61K 39/40 (2006.01) C07K 16/12 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **OPRF/I AGENTS AND THEIR USE IN HOSPITALIZED AND OTHER PATIENTS**
[54] **AGENTS OPRF/I ET LEUR UTILISATION CHEZ DES PATIENTS HOSPITALISES ET CHEZ D'AUTRES PATIENTS**
[72] KLADE, CHRISTOPH, AT
[72] SCHLEGL, ROBERT, AT
[72] WESTRITSCHNIG, KERSTIN, AT
[71] INTERCELL AUSTRIA AG, AT
[85] 2013-06-21
[86] 2011-03-18 (PCT/EP2011/054127)
[87] (WO2012/084272)
[30] US (61/426,760) 2010-12-23

[21] **2,822,687**
[13] A1
[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **HANDHELD MEDICAL DIAGNOSTIC DEVICES WITH LANCING SPEED CONTROL**
[54] **DISPOSITIFS MANUELS POUR DIAGNOSTIC MEDICAL AVEC REGULATION DE LA VITESSE D'INCISION**
[72] ROE, STEVEN N., US
[72] FRUHAUF, CHRIS, US
[72] CHEN, MAX, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-20
[86] 2011-12-15 (PCT/EP2011/072891)
[87] (WO2012/089523)
[30] US (12/981,816) 2010-12-30

[21] **2,822,688**
[13] A1
[51] **Int.Cl. H04W 52/36 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR ENABLING POWER BACK-OFF INDICATION IN PHR IN A TELECOMMUNICATIONS SYSTEM**
[54] **PROCEDES ET APPAREILS PERMETTANT L'INDICATION D'UN RECUL DE PUISSANCE DANS UN RAPPORT DE MARGE DE PUISSANCE AU SEIN D'UN SYSTEME DE TELECOMMUNICATIONS**
[72] BALDEMAIR, ROBERT, SE
[72] BOSTROM, LISA, SE
[72] WIEMANN, HENNING, DE
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-06-21
[86] 2011-04-29 (PCT/SE2011/050528)
[87] (WO2012/091651)
[30] US (61/428,684) 2010-12-30

[21] **2,822,690**
[13] A1
[51] **Int.Cl. C04B 35/18 (2006.01) B22C 1/02 (2006.01) C04B 38/08 (2006.01)**
[25] EN
[54] **ANTI-VEINING ADDITIVE FOR THE PRODUCTION OF CASTING MOLDS AND CORES**
[54] **ADDITIF "ANTI-VEINING" POUR LA PREPARATION DE MOULES ET NOYAUX DE FONDERIE**
[72] PRAT URREIZTIETA, SANTIAGO, ES
[72] MENDIZABAL CASTELLANOS, MARCO ANTONIO, ES
[72] PUERTOLLANO ABASCAL, MARIA JOSE, ES
[72] REINA RIVERO, JESUS, ES
[71] ASK CHEMICALS ESPANA, S.A., ES
[85] 2013-06-17
[86] 2010-12-30 (PCT/ES2010/070876)
[87] (WO2012/089856)

[21] **2,822,693**
[13] A1
[51] **Int.Cl. A61K 51/08 (2006.01) C07K 14/31 (2006.01)**
[25] EN
[54] **RADIOLABLED HER2 BINDING PEPTIDES**
[54] **COMPOSES DE LIAISON A HER2**
[72] SYUD, FAISAL, US
[72] LEE, BRIAN DUH-LAN, US
[72] ZHANG, RONG, US
[72] IVESON, PETER, GB
[72] SCHAFFER, PAUL, CA
[72] ERIKSSON, TOVE, SE
[72] GUNNERIUSSON, ELIN, SE
[72] FREJD, FREDRIK, SE
[72] ABRAHMSEN, LARS, SE
[72] FELDWISCH, JOACHIM, SE
[72] HERNE, NINA, SE
[72] LENDEL, CHRISTOFER, SE
[71] GENERAL ELECTRIC COMPANY, US
[71] AFFIBODY AB, SE
[85] 2013-06-18
[86] 2011-12-19 (PCT/US2011/065777)
[87] (WO2012/096760)
[30] US (12/975,425) 2010-12-22
[30] US (61/438,297) 2011-02-01
[30] US (61/510,520) 2011-07-22
[30] US (61/541,287) 2011-09-30

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[21] **2,822,694**
[13] A1
[51] **Int.Cl. C07H 15/24 (2006.01) A61K 31/70 (2006.01) A61K 36/73 (2006.01) C07J 19/00 (2006.01)**
[25] EN
[54] **PURIFIED CARDIOGENIN ISOMER AND RELATED METHODS**
[54] **ISOMERE DE CARDIOGENINE PURIFIE ET PROCEDES APPARENTES**
[72] KYAS, ANDREAS, CH
[72] FREUND, ERNST, CH
[72] SCHLORKE, OLIVER, CH
[72] PATERNITI, JAMES R., US
[72] ELLIOTT, GARY, US
[72] LILL, JORG, CH
[72] ROGALL, LARS, CH
[72] MENIA, DARIO, CH
[71] HUYA BIOSCIENCE INTERNATIONAL LLC, US
[85] 2013-06-20
[86] 2011-12-21 (PCT/US2011/066469)
[87] (WO2012/088264)
[30] US (61/426,929) 2010-12-23

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] **2,802,972**
[13] A1
[51] **Int.Cl. A01D 34/13 (2006.01) A01D 34/14 (2006.01) A01D 34/18 (2006.01) A01D 75/00 (2006.01) B26D 7/00 (2006.01)**
[25] EN
[54] **SICKLE GUARD SHAPE FOR USE IN A SICKLE CUTTER SYSTEM WITH INCREASED GROUND SPEED**
[54] **DOIGT EN FORME DE FAUCILLE POUR UTILISATION DANS UN SYSTEME DE COUPE A FAUCILLE A VITESSE D'AVANCEMENT ACCRUE**
[72] TALBOT, FRANCOIS R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2013-01-17
[41] 2013-07-18
[30] US (61587843) 2012-01-18
[30] US (61664345) 2012-06-26
[30] US (61677169) 2012-07-30
[30] US (61677177) 2012-07-30

[21] **2,803,562**
[13] A1
[51] **Int.Cl. F17C 5/06 (2006.01) B01D 53/26 (2006.01) B01D 53/38 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CAPTURING, PROCESSING AND UTILIZING STRANDED NATURAL GAS**
[54] **SYSTEME ET PROCEDE SERVANT A CAPTER, TRAITER ET UTILISER DU GAZ NATUREL DELAISSE**
[72] BANSZKY, ISTVAN, CA
[71] CANELSON DRILLING INC., CA
[22] 2013-01-25
[41] 2013-07-25
[30] US (61/590,413) 2012-01-25

[21] **2,818,466**
[13] A1
[51] **Int.Cl. H04W 4/22 (2009.01) H04M 3/42 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD TO ENABLE MOBILE STATIONS TO IDENTIFY CALLS BASED ON PREDETERMINED VALUES SET IN A CALL HEADER**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR PERMETTRE A DES STATIONS MOBILES D'IDENTIFIER DES APPELS EN FONCTION DE VALEURS PREDETERMINEES CONFIGUREES DANS UN EN-TETE D'APPEL**
[72] MAHENDRAN, ARUNGUNDRAM C., US
[71] QUALCOMM INCORPORATED, US
[22] 2009-05-06
[41] 2009-11-12
[62] 2,721,932
[30] US (61/051,304) 2008-05-07
[30] US (61/080,188) 2008-07-11
[30] US (12/433,402) 2009-04-30

[21] **2,818,672**
[13] A1
[51] **Int.Cl. H04B 3/54 (2006.01) G01R 21/06 (2006.01) G01R 35/04 (2006.01) H04B 1/59 (2006.01) G01F 15/16 (2006.01) G01R 15/18 (2006.01) G01R 22/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ON-LINE MONITORING AND BILLING OF POWER CONSUMPTION**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET DE FACTURATION EN LIGNE DE LA CONSOMMATION D'ENERGIE**
[72] SWARZTRAUBER, SAYRE A., US
[72] SHAFRIR, DORON, US
[72] LO, STANLEY, US
[72] NEWSOME, MICHAEL, US
[72] JACOBSON, ERIC, US
[71] QUADLOGIC CONTROLS CORPORATION, US
[22] 2001-02-28
[41] 2001-09-07
[62] 2,661,730
[30] US (60/185,832) 2000-02-29

[21] **2,818,770**
[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01)**
[25] EN
[54] **METHOD AND SUBSCRIBER UNIT FOR PERFORMING AN ACCESS PROCEDURE**
[54] **METHODE D'EXECUTION D'UNE PROCEDURE D'ACCES ET UNITE D'ABONNE CONNEXE**
[72] OZLUTURK, FATIH M., US
[72] LOMP, GARY R., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[22] 1997-06-23
[41] 1997-12-31
[62] 2,676,866
[30] US (08/670,162) 1996-06-27
[30] US (08/671,068) 1996-06-27

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,819,731**
[13] A1
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 33/04 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **USE OF SELENITE-CONTAINING COMPOUNDS TO BE TOPICALLY OR BUCCALLY ADMINISTERED FOR TREATING AN INSECT BITE**
[54] **UTILISATION DE COMPOSES CONTENANT DU SELENITE POUR PRODUIRE UN AGENT A ADMINISTRER PAR VOIE TOPIQUE OU BUCCALE POUR TRAITER UNE MORSURE D'INSECTE**
[72] KUKLINSKI, BODO, DE
[72] KOSSLER, PETER, AT
[72] FUCHS, NORBERT, AT
[71] VIS-VITALIS LIZENZ-UND HANDELS AG, AT
[22] 2002-12-04
[41] 2003-06-12
[62] 2,735,287
[30] AT (A 1895/2001) 2001-12-04

[21] **2,819,916**
[13] A1
[51] **Int.Cl. G01D 4/00 (2006.01) G01F 15/06 (2006.01) G01R 22/00 (2006.01) G01R 35/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE REMOTE DATA ACQUISITION AND CONTROL OF UTILITY METERS**
[54] **SYSTEME POUR L'ACQUISITION A DISTANCE DE DONNEES ET LA COMMANDE A DISTANCE DE COMPTEURS D'ELECTRICITE**
[72] ROGAI, SERGIO, IT
[71] ENEL DISTRIBUZIONE S.P.A., IT
[22] 2002-12-20
[41] 2003-07-03
[62] 2,471,267
[30] IT (MI2001A 002726) 2001-12-20

[21] **2,820,450**
[13] A1
[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **VASCULAR CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE VASCULAIRE**
[72] DAVE, VIPUL BHUPENDRA, US
[72] CHIN-CHEN, CHAO, US
[72] PALERMO, THOMAS, US
[71] CORDIS CORPORATION, US
[22] 2013-06-19
[41] 2013-06-19
[30] US (61/036,772) 2008-03-14

[21] **2,820,983**
[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SECURED ELECTRONIC TRANSACTION SYSTEM**
[54] **SYSTEME DE TRANSACTION ELECTRONIQUE SECURISEE**
[72] HERTEL, PHILIPP FRANK HERMANN UDO, CA
[72] HERTEL, ALEXANDER WOLFGANG KARL KURT, CA
[72] GRAHAM, JOHN DAVID TREVOR, CA
[72] BRAVERMAN, MARK, US
[71] GOOGLE INC., US
[22] 2009-05-18
[41] 2009-11-26
[62] 2,728,136
[30] US (61/054,162) 2008-05-18
[30] US (61/122,240) 2008-12-12

[21] **2,820,986**
[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01) G06F 21/62 (2013.01)**
[25] EN
[54] **METHODS FOR SECURE ENROLLMENT AND BACKUP OF PERSONAL IDENTITY CREDENTIALS INTO ELECTRONIC DEVICES**
[54] **METHODES D'INSCRIPTION SECURISEE ET DE SAUVEGARDE DE DONNEES D'IDENTITE PERSONNELLES DANS DES DISPOSITIFS ELECTRONIQUES**
[72] ABDALLAH, DAVID S., US
[72] JOHNSON, BARRY W., US
[71] PRIVARIS, INC., US
[22] 2003-08-06
[41] 2004-02-12
[62] 2,494,299
[30] US (60/401,399) 2002-08-06

[21] **2,821,107**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) E02D 1/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR INDICATING A PLANNED EXCAVATION**
[54] **PROCEDE ET APPAREIL PERMETTANT D'INDIQUER UNE FOUILLE PLANIFIEE**
[72] NIELSEN, STEVEN, US
[72] CHAMBERS, CURTIS, US
[72] FARR, JEFFREY, US
[71] CERTUSVIEW TECHNOLOGIES, LLC, US
[22] 2010-01-20
[41] 2010-08-19
[62] 2,749,917
[30] US (61/151,815) 2009-02-11
[30] US (12/422,364) 2009-04-13
[30] US (12/422,372) 2009-04-13

[21] **2,821,167**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/26 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DRUG DELIVERY LIPOSOMES CONTAINING ANIONIC POLYOLS OR ANIONIC SUGARS**
[54] **LIPOSOMES POUR L'ADMINISTRATION DE DROGUES CONTENANT DES POLYOLS ANIONIQUES OU DES SUCRES ANIONIQUES**
[72] HONG, KEELUNG, US
[72] DRUMMOND, DARYL C., US
[72] KIRPOTIN, DMITRI B., US
[71] MERRIMACK PHARMACEUTICALS, INC., US
[22] 2005-05-02
[41] 2005-11-17
[62] 2,566,007
[30] US (60/567,921) 2004-05-03

[21] **2,821,239**
[13] A1
[51] **Int.Cl. A61K 31/52 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **PHYCOTOXINS AND USES THEREOF**
[54] **LES PHYCOTOXINES ET LEUR UTILISATION**
[72] WILSON, NESTOR ANTONIO LAGOS, CL
[71] PHYTOTOX LIMITED, BM
[22] 2005-05-06
[41] 2005-11-24
[62] 2,606,530
[30] US (60/569,383) 2004-05-07
[30] US (60/569,380) 2004-05-07

[21] **2,821,320**
[13] A1
[51] **Int.Cl. E06B 1/36 (2006.01) E06B 1/56 (2006.01)**
[25] EN
[54] **FIXED FRAME WINDOW OR DOOR SYSTEM**
[54] **PORTE OU FENETRE A CADRE FIXE**
[72] FURGERSON, DAVID, US
[72] GIGGS, JULIAN, US
[72] POTTHAST, JAMES, US
[72] KRUMPE, GERAINT, US
[72] BAKER, WAYNE PHILIP, GB
[71] MILGARD MANUFACTURING INCORPORATED, US
[22] 2010-04-22
[41] 2010-10-23
[62] 2,701,321
[30] US (12/758,386) 2010-04-12
[30] US (61/171,925) 2009-04-23

[21] **2,821,393**
[13] A1
[51] **Int.Cl. A61K 31/713 (2006.01) A61P 9/12 (2006.01) A61P 27/06 (2006.01)**
[25] EN
[54] **RNAI-MEDIATED INHIBITION OF RHO KINASE FOR TREATMENT OF OCULAR HYPERTENSION/GLAUCOMA**
[54] **INHIBITION DE LA RHO KINASE INDUITE PAR L'ARN-I POUR LE TRAITEMENT DE TROUBLES OCULAIRES**
[72] CHATTERTON, JON E., US
[72] CLARK, ABBOT F., US
[71] ALCON RESEARCH, LTD., US
[22] 2006-12-19
[41] 2007-07-05
[62] 2,631,840
[30] US (60/754,094) 2005-12-27

[21] **2,821,408**
[13] A1
[51] **Int.Cl. B61D 7/22 (2006.01) B61D 7/02 (2006.01) B61D 7/18 (2006.01)**
[25] EN
[54] **RAIL ROAD HOPPER CAR FITTINGS AND METHOD OF OPERATION**
[54] **RACCORDS DE WAGON-TREMIE ET METHODE DE FONCTIONNEMENT**
[72] FORBES, JAMES W., CA
[72] KHATTAB, MOHAMED A., CA
[72] BIS, TOMAS, CA
[72] DAVIS, WILLIAM R., CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2006-09-08
[41] 2008-03-08
[62] 2,559,003

[21] **2,821,472**
[13] A1
[51] **Int.Cl. D06F 39/02 (2006.01)**
[25] EN
[54] **DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION**
[72] SMITH, CHRISTOPHER LAWRENCE, US
[72] ROSELLE, BRIAN JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2009-12-17
[41] 2010-07-15
[62] 2,744,553
[30] US (61/138,539) 2008-12-18

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,821,473**
[13] A1
[51] **Int.Cl. G01N 31/16 (2006.01)**
[25] EN
[54] **CONDUCTOR CLEANING SYSTEM AND METHOD**
[54] **DISPOSITIF ET METHODE DE NETTOYAGE DE CONDUCTEURS**
[72] PHILLIPS, ANDREW J., US
[72] STEWART, ANDREW H., US
[72] NINGILERI, SHRIDAS, US
[72] HURST, NEIL J., US
[72] BUSH, J. FINELY, US
[72] XIA, SIKE, US
[72] XIAO, CHENGHE, US
[72] LIU, YANSHENG, US
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US
[22] 2010-01-12
[41] 2010-07-22
[62] 2,689,897
[30] US (12/357,610) 2009-01-22
[30] US (12/608,079) 2009-10-29

[21] **2,821,538**
[13] A1
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **TRANSDUCER ASSEMBLY FOR AN ULTRASONIC FLUID METER**
[54] **ENSEMBLE TRANSDUCTEUR POUR DEBITMETRE ULTRASONIQUE**
[72] STRAUB, HENRY C., JR., US
[72] ALLEN, CHARLES R., US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[22] 2006-07-21
[41] 2007-02-22
[62] 2,617,629
[30] US (60/707,814) 2005-08-12
[30] US (60/710,068) 2005-08-22
[30] US (11/301,140) 2005-12-12

[21] **2,821,544**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 11/00 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **USE OF FOLLISTATIN FOR THE TREATMENT OF HEPATIC FIBROGENESIS**
[54] **UTILISATION DE FOLLISTATINE POUR LE TRAITEMENT DE LA FIBROGENESE HEPATIQUE**
[72] PHILLIPS, DAVID, AU
[72] DE KRETSER, DAVID, AU
[72] SIEVERT, WILLIAM, AU
[72] PATELLA, SHANE, AU
[72] SMOLICH, JOSEPH, AU
[72] MCGAW, DAVID, AU
[72] FENNESSY, PAUL, AU
[71] BIOA PTY LIMITED, AU
[71] MONASH UNIVERSITY, AU
[22] 2002-07-12
[41] 2003-01-23
[62] 2,453,470
[30] AU (PR 6381) 2001-07-13

[21] **2,821,596**
[13] A1
[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/36 (2006.01) A61K 8/89 (2006.01)**
[25] EN
[54] **SILICONE MODIFIED FATTY ACIDS, METHOD OF PREPARATION AND USAGE THEREOF**
[54] **ACIDES GRAS MODIFIES PAR SILICONE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] FALK, BENJAMIN, US
[72] NAUE, JEFERSON A., BR
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[22] 2009-10-23
[41] 2011-03-10
[62] 2,770,509
[30] US (61/239,215) 2009-09-02
[30] US (12/604,684) 2009-10-23

[21] **2,821,645**
[13] A1
[51] **Int.Cl. A61K 31/704 (2006.01) A61K 31/575 (2006.01) A61K 36/258 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION FOR TREATING DEPRESSION AND METHOD FOR PREPARATION THEREOF**
[54] **PREPARATION PHARMACEUTIQUE POUR LE TRAITEMENT DE LA DEPRESSION ET METHODE D'ELABORATION DE LADITE PREPARATION**
[72] ZHANG, ZUOGUANG, CN
[71] BEIJING WONNER BIOTECH LTD. CO., CN
[71] YU-FEN, CHI, TW
[71] ZHANG, ZUOGUANG, CN
[22] 2005-10-31
[41] 2006-09-28
[62] 2,601,790
[30] CN (200510058987.3) 2005-03-25

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