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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte  
Commissioner of Patents

Sylvain Laporte  
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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## Notices

## Avis

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Code

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

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

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

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

## 4. Orders for Patents by Class or Sub-Class

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

## 2. Code des pays

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

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

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

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

## 4. Commande de brevets par classe ou sous-classe

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

## 5. Advice on Making a Patent Application

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

## 6. Licensing of Patents

### Voluntary Licences

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

### Compulsory Licences

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

## 7. Patents Available for Licence or Sale

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

## 8. List of Patents Available for Licence or Sale

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

2,649,883

## 5. Conseils relatifs à la préparation de demandes de brevets

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

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

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

### Licences obligatoires

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

## 7. Brevets disponibles pour licence ou vente

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

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

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

2,649,883

## 9. Applications Open to Public Inspection

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

## 10. Language of Published Documents

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

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 30, 2014

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

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

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

## 9. Demandes mises à la disponibilité du public

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

## 10. Langue du document publié

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

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

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

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

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

## Notices

### 4. Late payment fee

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

### 4. Taxe pour paiement tardif

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

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$232

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

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 232 \$

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

\* International fees will be reduced by:

- \$116 for all applications filed using PCT-EASY,
- \$232 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$348 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

\* Les frais seront réduits de:

- 116 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 232 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 348 \$ 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](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://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](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).

### 13. Practice Notice

#### STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

## Notices

### Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

### Provincial and Territorial Holidays

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

### Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

### Jours fériés provinciaux ou territoriaux

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

## Avis

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

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

All Saturdays and Sundays

\*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

\*St. John the Baptist Day (June 24)

\*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

\*Remembrance Day (November 11)

\*Christmas Day (December 25)

Boxing Day (December 26)

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

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

## 14. Practice Notice

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

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

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

Tous les samedi et dimanche

\*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

\*Saint-Jean-Baptiste (le 24 juin)

\*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

\*Jour du souvenir (11 novembre)

\*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

## 14. Énoncé de pratique

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

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

## Notices

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

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

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

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

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

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

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

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

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

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

## Avis

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

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

## 15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the [Fee Payment Form](#).

## 15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

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

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

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

### 1. Établissements désignés

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

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

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

## Avis

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

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

### 2. Registered Mail Service of Canada Post

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

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

### 3. Electronic Correspondence

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

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

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

### 2. Service Courrier recommandé de Postes Canada

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

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

### 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'OPIIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

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

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

## Notices

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

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

### 3.1 Facsimile

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

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

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

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

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

### *Patents*

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

### 3.2 Online

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

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

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

### 3.1 Correspondance par télécopieur

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

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

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

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

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

### *Brevets*

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

### 3.2 En ligne

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

## Avis

### Patents

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

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

### Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

### Trade-marks

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

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

### Brevets

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

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

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

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

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

### Marques de commerce

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

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

## Notices

### *Copyrights*

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

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

### *Industrial Designs*

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

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

### *Integrated Circuit Topographies*

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

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

### 3.3 Electronic Medium

#### *Patents*

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

### *Droits d'auteur*

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

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

### *Dessins industriels*

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

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

### *Topographies de circuits intégrés*

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

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

### 3.3 Supports électroniques

#### *Brevets*

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

## Avis

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

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

### Canada as Receiving Office Under the PCT: PCT-EASY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Notices

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

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

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

### Electronic Media accepted by the Patent Office

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

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

### 4. Details concerning the electronic formats accepted

#### Patents

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

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

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

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

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

### Supports électroniques acceptés par le Bureau des brevets

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

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

### 4. Précisions concernant les formats électroniques acceptés

#### Brevets

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

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

## Avis

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

### TIFF Format:

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

### PDF Format:

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

### ASCII Format:

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

## **Industrial Design**

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

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

### TIFF Format:

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

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

### Format TIFF :

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

### Format PDF :

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

### Format ASCII :

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

## **Dessins industriels**

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

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

### Format TIFF :

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

## Notices

Photographs in JPEG Format:

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

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

### 5. General Information

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

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 20, 2015 contains applications open to public inspection from January 4, 2015 to January 10, 2015.

Photographies en format JPEG :

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

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

### 5. Renseignements généraux

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

## 16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 20 janvier 2015 contient les demandes disponibles au public pour consultation pour la période du 4 janvier 2015 au 10 janvier 2015.

# Canadian Patents Issued

January 20, 2015

## Brevets canadiens délivrés

20 janvier 2015

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[11] **2,377,204**  
[13] C

[51] **Int.Cl. C07K 1/36 (2006.01) A61K 9/16 (2006.01) A61K 38/28 (2006.01) A61K 47/00 (2006.01) C07D 241/08 (2006.01) C07K 1/30 (2006.01) C07K 14/605 (2006.01) C07K 14/62 (2006.01)**

[25] EN

[54] **PURIFICATION AND STABILIZATION OF PEPTIDE AND PROTEIN PHARMACEUTICAL AGENTS**

[54] **PURIFICATION ET STABILISATION DE PRODUITS PHARMACEUTIQUES A BASE DE PEPTIDES ET DE PROTEINES**

[72] STEINER, SOLOMON S., US

[72] WOODS, RODNEY J., US

[72] SULNER, JOSEPH W., US

[73] MANNKIND CORPORATION, US

[85] 2001-12-27

[86] 2000-06-29 (PCT/US2000/017984)

[87] (WO2001/000654)

[30] US (60/141,433) 1999-06-29

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[11] **2,387,594**  
[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 92/10 (2009.01)**

[25] EN

[54] **WIRELESS PARALLEL COMMUNICATIONS SYSTEM AND METHOD THEREFOR**

[54] **SYSTEME DE COMMUNICATION PARALLELE SANS FIL ET PROCEDE ASSOCIE**

[72] HUDSON, JOHN EDWARD, GB

[73] RESEARCH IN MOTION LIMITED, CA

[85] 2002-04-12

[86] 2000-10-16 (PCT/GB2000/003965)

[87] (WO2001/030039)

[30] US (09/419,211) 1999-10-15

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[11] **2,406,136**  
[13] C

[51] **Int.Cl. H04N 5/44 (2011.01) H04N 7/24 (2011.01) H03M 13/41 (2006.01) H04L 27/06 (2006.01)**

[25] EN

[54] **ROBUST DIGITAL COMMUNICATION SYSTEM**

[54] **SYSTEME DE COMMUNICATION NUMERIQUE ROBUSTE**

[72] BRETL, WAYNE E., US

[72] CITTA, RICHARD W., US

[72] FIMOFF, MARK, US

[73] ZENITH ELECTRONICS CORPORATION, US

[85] 2002-10-17

[86] 2001-03-27 (PCT/US2001/009752)

[87] (WO2001/078496)

[30] US (60/198,014) 2000-04-18

[30] US (60/255,476) 2000-12-13

[30] US (09/804,261) 2001-03-13

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[11] **2,441,893**  
[13] C

[51] **Int.Cl. A61K 31/66 (2006.01) A61K 8/55 (2006.01) A61K 8/68 (2006.01) A61K 31/00 (2006.01) A61K 31/164 (2006.01) A61K 31/685 (2006.01) A61K 31/70 (2006.01) A61K 31/739 (2006.01) A61K 31/765 (2006.01) A61Q 17/00 (2006.01) A61Q 19/00 (2006.01)**

[25] EN

[54] **METHOD OF ATTENUATING REACTIONS TO SKIN IRRITANTS**

[54] **METHODE PERMETTANT D'ATTENUER LES REACTIONS A DES IRRITANTS CUTANES**

[72] WILSON, S. BRIAN, US

[72] DRANOFF, GLENN, US

[72] GILLESSEN, SILKE, CH

[73] DANA-FARBER CANCER INSTITUTE, INC., US

[85] 2003-09-23

[86] 2002-03-26 (PCT/US2002/009378)

[87] (WO2002/076401)

[30] US (60/278,837) 2001-03-26

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[11] **2,446,434**  
[13] C

[51] **Int.Cl. G06F 11/34 (2006.01)**

[25] EN

[54] **BENCHMARK TESTING TEST D'EVALUATION DES PERFORMANCES**

[72] CROKER, MARTIN, GB

[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[85] 2003-11-05

[86] 2002-05-14 (PCT/GB2002/002241)

[87] (WO2002/093379)

[30] GB (0111844.7) 2001-05-15

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[11] **2,453,176**  
[13] C

[51] **Int.Cl. C12N 1/20 (2006.01) C12N 15/01 (2006.01) C12N 15/09 (2006.01) C12N 15/70 (2006.01)**

[25] EN

[54] **EUBACTERIAL HOST CELLS DEVOID OF N-TERMINAL FORMYLATION AND SAID HOST CELLS BEING USEFUL FOR THE PRODUCTION OF PROTEINS AND PEPTIDES**

[54] **CELLULES HOTES EUBACTERIENNES DEPOURVUES DE FORMYLATION N TERMINAL ET UTILISATION DESDITES CELLULES DANS LA PRODUCTION DE PROTEINES ET DE PEPTIDES**

[72] MARLIERE, PHILIPPE, FR

[72] MAZEL, DIDIER, FR

[72] MUTZEL, RUPERT, DE

[73] INSTITUT PASTEUR, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR

[73] EVOLOGIC SA, FR

[73] MUTZEL, RUPERT, DE

[85] 2004-01-05

[86] 2002-07-08 (PCT/IB2002/003398)

[87] (WO2003/004656)

[30] US (60/303,065) 2001-07-06

**Canadian Patents Issued  
January 20, 2015**

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[11] **2,464,542**  
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/00 (2006.01) A61K 38/17 (2006.01) C07K 14/515 (2006.01) A61K 48/00 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING AND METHOD OF USING ANGIOPOIETIN-LIKE PROTEIN 3 ANGPTL3**

[54] **COMPOSITION COMPRENANT UNE PROTEINE 3 ANGPTL3 ANALOGUE A L'ANGIOPOIETINE ET SON PROCEDE D'UTILISATION**

[72] FERRARA, NAPOLEONE, US  
[72] GERBER, HANS-PETER, US  
[72] KOWALSKI, JOE, US  
[72] PISABARRO, MARIA TERESA, US  
[72] SHERMAN, DANIEL ERIC, US  
[73] GENENTECH, INC., US  
[85] 2004-04-21  
[86] 2002-11-13 (PCT/US2002/036865)  
[87] (WO2003/044172)  
[30] US (60/332,429) 2001-11-16

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[11] **2,475,855**  
[13] C

[51] **Int.Cl. A61B 19/00 (2006.01) A61M 25/00 (2006.01) A61M 25/02 (2006.01)**

[25] EN

[54] **CATHETER AND GUIDE TUBE FOR INTRACEREBRAL APPLICATION**

[54] **CATHETER ET TUBE DE GUIDAGE DESTINES A DES APPLICATIONS INTRACEREBRALES**

[72] GILL, STEVEN STREATFIELD, GB  
[73] RENISHAW (IRELAND) LIMITED, IE  
[85] 2004-08-11  
[86] 2003-03-11 (PCT/GB2003/001030)  
[87] (WO2003/077785)  
[30] GB (0205772.7) 2002-03-12

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[11] **2,494,132**  
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 31/4468 (2006.01) A61K 38/28 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION, METERED DOSE DISPENSER CONTAINING SAME, AND USE OF PHARMACEUTICAL COMPOSITION AND METERED DOSE DISPENSER IN ADMINISTERING PHARMACEUTICAL AGENT TO ORAL MEMBRANES**

[54] **COMPOSITION PHARMACEUTIQUE, DISTRIBUTEUR-DOSEUR CONTENANT CELLE-CI ET UTILISATION DE LA COMPOSITION PHARMACEUTIQUE ET DU DISTRIBUTEUR-DOSEUR POUR ADMINISTER L'AGENT PHARMACOLOGIQUE AUX MEMBRANES BUCCALES**

[72] MODI, PANKAJ, CA  
[73] GENEREX PHARMACEUTICALS INC., CA

[85] 2005-01-31  
[86] 2003-08-14 (PCT/IB2003/003908)  
[87] (WO2004/016243)  
[30] US (10/222,240) 2002-08-16

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[11] **2,498,000**  
[13] C

[51] **Int.Cl. C12N 15/54 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01) C07K 16/40 (2006.01) C12N 9/12 (2006.01) G01N 33/574 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **USE OF TUMOR-ASSOCIATED KINASE (TASK) 110 ANTAGONISTS FOR TREATING PANCREATIC CANCERS**

[54] **UTILISATION D'ANTAGONISTES DE KINASE (TASK) 110 ASSOCIES AUX TUMEURS POUR LE TRAITEMENT DES CANCERS PANCREATIQUES**

[72] DAVIS, DAVID P., US  
[72] DESAUVAGE, FREDERIC J., US  
[72] WOOD, WILLIAM I., US  
[72] ZHANG, ZEMIN, US  
[73] GENENTECH, INC., US  
[85] 2005-03-07  
[86] 2003-09-05 (PCT/US2003/027886)  
[87] (WO2004/024063)  
[30] US (60/410,166) 2002-09-11

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[11] **2,506,337**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR EXTENSIONS AND INHERITANCE FOR UNITS OF INFORMATION MANAGEABLE BY A HARDWARE/SOFTWARE INTERFACE SYSTEM**  
[54] **SYSTEMES ET PROCEDES D'EXTENSION ET D'HERITAGE POUR DES UNITES D'INFORMATIONS POUVANT ETRE GERES PAR UN SYSTEME D'INTERFACE MATERIEL/LOGICIEL**  
[72] DEMIROSKI, BEKIM, US  
[72] WHITNEY, ROBERT T., US  
[72] THOMPSON, J. PATRICK, US  
[72] NORI, ANIL K., US  
[72] AGARWAL, SAMEET, US  
[72] CELIS, PEDRO, US  
[72] CAMPBELL, DAVID G., US  
[72] TEREK, F. SONER, US  
[72] CAMERON, KIM, US  
[72] SMITH, WALTER R., US  
[72] SHAKIB, DARREN A., US  
[72] BALLOU, NATHANIEL H., US  
[72] ACHARYA, SRINIVASMURTHY P., US  
[72] RAMAN, BALAN SETHU, US  
[72] SPIRO, PETER M., US  
[73] MICROSOFT CORPORATION, US  
[85] 2005-05-16  
[86] 2004-07-29 (PCT/US2004/024569)  
[87] (WO2005/024666)  
[30] US (10/646,580) 2003-08-21  
[30] US (PCT/US03/26144) 2003-08-21  
[30] US (10/693,574) 2003-10-24

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[11] **2,507,403**  
[13] C

[51] **Int.Cl. C12N 15/11 (2006.01) C07K 14/46 (2006.01) C07K 14/47 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01)**  
[25] EN  
[54] **CIZ1 SPLICE VARIANTS**  
[54] **VARIANTES D'EPISSAGE DE CIZ1**  
[72] COVERLEY, DAWN, GB  
[73] CIZZLE BIOTECHNOLOGY LIMITED, GB  
[85] 2005-05-25  
[86] 2003-12-05 (PCT/GB2003/005334)  
[87] (WO2004/051269)  
[30] GB (0228337.2) 2002-12-05

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[11] **2,509,095**  
[13] C

[51] **Int.Cl. F41H 5/013 (2006.01)**  
[25] EN  
[54] **ARMOR MOUNTING SYSTEM**  
[54] **SYSTEME D'INSTALLATION DE BLINDAGE**  
[72] PFISTER, KARL GERHARD, CA  
[73] 2040422 ONTARIO INC., CA  
[86] (2509095)  
[87] (2509095)  
[22] 2005-06-03

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[11] **2,514,277**  
[13] C

[51] **Int.Cl. A61K 51/08 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR ADMINISTERING THERAPEUTIC AND DIAGNOSTIC AGENTS**  
[54] **METHODES ET COMPOSITIONS PERMETTANT D'ADMINISTRER DES AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES**  
[72] MCBRIDE, WILLIAM, US  
[72] HANSEN, HANS J., US  
[72] CHANG, CHIEN-HSING KEN, US  
[72] GOLDENBERG, DAVID M., US  
[73] IMMUNOMEDICS, INC., US  
[85] 2005-07-22  
[86] 2004-02-02 (PCT/US2004/002768)  
[87] (WO2004/074434)  
[30] US (60/444,357) 2003-01-31

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[11] **2,517,242**  
[13] C

[51] **Int.Cl. A61B 10/00 (2006.01)**  
[25] EN  
[54] **BIOPSY DEVICE WITH VARIABLE SPEED CUTTER ADVANCE**  
[54] **DISPOSITIF DE BIOPSIE AVEC AVANCE D'INSTRUMENT TRANCHANT A VITESSE VARIABLE**  
[72] THOMPSON, BENNIE, US  
[72] MCCOMBS, ELIZABETH, US  
[72] HUNT, JOHN V., US  
[72] KRETCHMAN, JOHN A., US  
[72] HIBNER, JOHN A., US  
[73] DEVICOR MEDICAL PRODUCTS, INC., US  
[85] 2005-08-25  
[86] 2004-02-24 (PCT/US2004/005381)  
[87] (WO2004/075728)  
[30] US (60/449,970) 2003-02-25  
[30] US (10/785,755) 2004-02-24

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[11] **2,528,695**  
[13] C

[51] **Int.Cl. A62B 35/00 (2006.01)**  
[25] EN  
[54] **DRAG HARNESS**  
[54] **HARNAIS DE TRAINAGE**  
[72] WATERS, PATRICIA K., US  
[72] GRILLIOT, WILLIAM L., US  
[72] GRILLIOT, MARY I., US  
[73] MORNING PRIDE MANUFACTURING, L.L.C., US  
[86] (2528695)  
[87] (2528695)  
[22] 2005-12-01  
[30] US (11/254,032) 2005-10-19

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[11] **2,534,116**  
[13] C

[51] **Int.Cl. A47G 9/00 (2006.01) B68G 7/12 (2006.01)**  
[25] EN  
[54] **BEDDING ARTICLE WITH OVERLAYING PORTIONS**  
[54] **ARTICLE DE LITERIE A PARTIES DOUBLES**  
[72] DELFS, JULIETTE M., US  
[73] PACIFIC COAST FEATHER COMPANY, US  
[86] (2534116)  
[87] (2534116)  
[22] 2006-01-27  
[30] US (11/192,602) 2005-07-29

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[11] **2,539,575**  
[13] C

[51] **Int.Cl. A61K 38/55 (2006.01) A61K 31/37 (2006.01) A61K 31/427 (2006.01) C07C 6/04 (2006.01) C07D 215/22 (2006.01) C07D 277/42 (2006.01) C07D 403/04 (2006.01) C07F 15/00 (2006.01) C07K 5/06 (2006.01) C07K 5/08 (2006.01)**

[25] EN

[54] **METHOD OF REMOVING TRANSITION METALS, ESPECIALLY FROM METATHESIS REACTION PRODUCTS**

[54] **PROCEDE D'ELIMINATION DE METAUX DE TRANSITION, NOTAMMENT, A PARTIR DE PRODUITS DE REACTION DE METATHESE**

[72] BRENNER, MICHAEL, DE  
[72] MEINECK, SIEGFRIED, DE  
[72] WIRTH, THOMAS, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2006-03-17  
[86] 2004-11-16 (PCT/EP2004/012972)  
[87] (WO2005/053735)  
[30] EP (03026689.4) 2003-11-20

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[11] **2,542,990**  
[13] C

[51] **Int.Cl. E21B 43/08 (2006.01) E21B 29/00 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **EXPANDABLE SLEEVE**

[54] **MANCHON EXPANSIBLE**

[72] ORBAN, JACQUES, RU  
[72] VERCAEMER, CLAUDE, FR  
[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2542990)  
[87] (2542990)  
[22] 2006-04-12  
[30] EP (05290982.7) 2005-05-04

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[11] **2,546,452**  
[13] C

[51] **Int.Cl. A61K 39/385 (2006.01) A61K 39/00 (2006.01) A61K 47/48 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **RECOMBINANT ADENYLATE CYCLASE TOXIN OF BORDETELLA INDUCES T CELL RESPONSES AGAINST TUMORAL ANTIGENS**

[54] **TOXINE D'ADENYLATE-CYCLASE RECOMBINANTE DE BORDETELLA INDUISANT DES REPNSES DES LYMPHOCYTES T CONTRE DES ANTIGENES TUMORAUX**

[72] DADAGLIO, GILLES, FR  
[72] LECLERC, CLAUDE, FR  
[72] LADANT, DANIEL, FR  
[72] VAN DEN EYNDE, BENOIT, BE  
[72] MOREL, SANDRA, BE  
[72] BAUCHE, CECILE, FR  
[73] INSTITUT PASTEUR, FR  
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR  
[73] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2006-05-17  
[86] 2004-11-19 (PCT/EP2004/014086)  
[87] (WO2005/053738)  
[30] US (60/523,632) 2003-11-21

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[11] **2,547,432**  
[13] C

[51] **Int.Cl. G06T 5/00 (2006.01)**

[25] EN

[54] **IMAGE FILTERING BASED ON COMPARISON OF PIXEL GROUPS**

[54] **FILTRAGE D'IMAGES FONDE SUR LA COMPARAISON DE GROUPES DE PIXELS**

[72] STENTIFORD, FREDERICK WARWICK MICHAEL, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB

[85] 2006-05-25  
[86] 2004-12-01 (PCT/GB2004/005049)  
[87] (WO2005/057490)  
[30] GB (0328326.4) 2003-12-05

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[11] **2,549,497**  
[13] C

[51] **Int.Cl. A47C 7/62 (2006.01) A47C 1/12 (2006.01) A47C 7/54 (2006.01) A47G 23/02 (2006.01)**

[25] EN

[54] **CHAIR ARM CUP HOLDER**

[54] **PORTE-GOBELET D'ACCOUDOIR DE SIEGE**

[72] EDWARDS, JOHN R., CA  
[72] BARLETT, DOUGLAS G., CA  
[73] VEKTER INC., CA

[86] (2549497)  
[87] (2549497)  
[22] 2006-06-06

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[11] **2,553,901**  
[13] C

[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/20 (2006.01)**

[25] EN

[54] **METHOD OF ROUTING ELECTRICAL CURRENT TO BODILY TISSUES VIA IMPLANTED PASSIVE CONDUCTORS**

[54] **PROCEDE D'ACHEMINEMENT DE COURANT ELECTRIQUE A DES TISSUS CORPORELS VIA DES CONDUCTEURS PASSIFS IMPLANTES**

[72] PROCHAZKA, ARTHUR, CA  
[73] REHABTRONICS INC., CA

[85] 2006-07-14  
[86] 2005-01-24 (PCT/CA2005/000074)  
[87] (WO2005/070494)  
[30] US (60/538,618) 2004-01-22

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[11] **2,555,757**  
[13] C

[51] **Int.Cl. H04L 1/00 (2006.01)**

[25] EN

[54] **IMPULSE NOISE MANAGEMENT**

[54] **CONTROLE DE BRUIT D'IMPULSIF**

[72] TZANNES, MARCOS C., US  
[73] TQ DELTA, LLC, US

[85] 2006-08-09  
[86] 2005-03-03 (PCT/US2005/006842)  
[87] (WO2005/086405)  
[30] US (60/549,804) 2004-03-03  
[30] US (60/555,982) 2004-03-24

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[11] **2,557,638**  
[13] C

- [51] **Int.Cl. F16G 11/10 (2006.01) B60P 7/06 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE LEVER LOAD BINDER**  
[54] **TENDEUR A CHAINE PAR LEVIER REGLABLE**  
[72] SCOTT, GARY M., US  
[73] PEERLESS CHAIN COMPANY, US  
[86] (2557638)  
[87] (2557638)  
[22] 2006-08-30  
[30] US (60/713,860) 2005-09-01  
[30] US (11/468,248) 2006-08-29

[11] **2,558,136**  
[13] C

- [51] **Int.Cl. F24H 3/08 (2006.01)**  
[25] EN  
[54] **MULTIPLE BURNER-TYPE FURNACE WITH ENHANCED TURNDOWN RATIO CAPACITY**  
[54] **FOUR A BRULEURS MULTIPLES MUNI D'UN DISPOSITIF DE COMMANDE DE VARIATION DE DEBIT PERFECTIONNE**  
[72] SLABY, TERRANCE C., US  
[73] BECKETT GAS, INC., US  
[85] 2006-08-31  
[86] 2004-03-03 (PCT/US2004/006482)  
[87] (WO2005/095870)

[11] **2,558,930**  
[13] C

- [51] **Int.Cl. F26B 23/10 (2006.01) F26B 3/04 (2006.01) F26B 11/00 (2006.01)**  
[25] EN  
[54] **HEAT EXCHANGER ASSEMBLY WITH AIR MOVER**  
[54] **ECHANGEUR THERMIQUE AVEC ECHANGEUR AERAILIQUE**  
[72] REETS, JEREMIAH S., US  
[72] HANKS, GORDON K., US  
[73] BRIDGEWATER, INC., US  
[86] (2558930)  
[87] (2558930)  
[22] 2006-09-06  
[30] US (11/221,435) 2005-09-08

[11] **2,561,622**  
[13] C

- [51] **Int.Cl. A61B 18/12 (2006.01)**  
[25] EN  
[54] **IN-LINE VESSEL SEALER AND DIVIDER**  
[54] **OBTURATEUR ET DIVISEUR DE VAISSEAUX EN LIGNE**  
[72] DUMBAULD, PATRICK L., US  
[72] GARRISON, DAVID M., US  
[72] GUERRA, PAUL, US  
[72] HUSHKA, DYLAN, US  
[72] PETERSON, DARION, US  
[73] SHERWOOD SERVICES AG, CH  
[86] (2561622)  
[87] (2561622)  
[22] 2006-09-29  
[30] US (60/722,177) 2005-09-30

[11] **2,566,911**  
[13] C

- [51] **Int.Cl. A61B 17/068 (2006.01) A61M 35/00 (2006.01)**  
[25] EN  
[54] **SURGICAL STAPLING INSTRUMENTS STRUCTURED FOR DELIVERY OF MEDICAL AGENTS**  
[54] **AGRAFEUSES CHIRURGICALES STRUCTUREES POUR ADMINISTRER DES SUBSTANCES MEDICALES**  
[72] MORGAN, JEROME R., US  
[72] SHELTON, FREDERICK E., IV, US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2566911)  
[87] (2566911)  
[22] 2006-11-02  
[30] US (11/267,811) 2005-11-04

[11] **2,568,241**  
[13] C

- [51] **Int.Cl. C07D 213/06 (2006.01) A61K 31/44 (2006.01) A61K 31/445 (2006.01) C07D 207/02 (2006.01) C07D 213/24 (2006.01) C07D 213/72 (2006.01)**  
[25] EN  
[54] **ADAMANTYL-ACETAMIDE DERIVATIVES AS INHIBITORS OF THE 11-BETA-HYDROXYSTEROID DEHYDROGENASE TYPE 1 ENZYME**  
[54] **DERIVES D'ADAMANTYL-ACETAMIDE EN TANT QU'INHIBITEURS DE L'ENZYME DE TYPE 1 DE LA 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE**  
[72] LINK, JAMES T., US  
[72] PLUSHCHEV, MARINA A., US  
[72] ROHDE, JEFFREY J., US  
[72] WODKA, DARIUSZ, US  
[72] PATEL, JYOTI R., US  
[72] SHUALI, QI, US  
[73] ABBVIE INC., US  
[85] 2006-11-27  
[86] 2005-04-29 (PCT/US2005/015304)  
[87] (WO2005/108368)  
[30] US (10/834,459) 2004-04-29  
[30] US (10/965,591) 2004-10-14

[11] **2,568,468**  
[13] C

- [51] **Int.Cl. A47J 27/00 (2006.01) H05B 1/02 (2006.01)**  
[25] EN  
[54] **ELECTRIC COOKER**  
[54] **MARMITE ELECTRIQUE**  
[72] KEHOE, PAUL M., CA  
[72] KEHOE, DANIEL P., CA  
[73] KEHOE, PAUL M., CA  
[73] KEHOE, DANIEL P., CA  
[86] (2568468)  
[87] (2568468)  
[22] 2006-11-17

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[11] **2,569,860**  
[13] C

[51] **Int.Cl. C23C 14/06 (2006.01) C23C 30/00 (2006.01)**

[25] EN

[54] **HIGH OXIDATION RESISTANT HARD COATING FOR CUTTING TOOLS**

[54] **REVETEMENT DUR A HAUTE RESISTANCE A L'OXYDATION POUR OUTILS DE COUPE**

[72] ENDRINO, JOSE, AT  
[72] DERFLINGER, VOLKER, AT  
[72] GEY, CHRISTOPH, LI  
[73] OERLIKON TRADING AG, TRUEBBACH, CH

[85] 2006-12-08  
[86] 2005-07-14 (PCT/CH2005/000404)  
[87] (WO2006/005217)  
[30] US (60/588,084) 2004-07-15

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[11] **2,571,845**  
[13] C

[51] **Int.Cl. H04M 3/487 (2006.01) H04M 3/533 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REGISTRATION AND RETRIEVAL OF VOICE MAIL CONTACT INFORMATION**

[54] **SYSTEMES ET PROCEDES D'ENREGISTREMENT ET D'EXTRACTION D'INFORMATIONS DE CONTACT ASSOCIEES A UN MESSAGE VOCAL**

[72] CLARK, DAVID WILLIAM, CA  
[72] MURRAY, SEAN M., CA  
[72] JOHNSTON, DAVID EDWARD, CA  
[73] BCE INC., CA

[85] 2006-12-21  
[86] 2005-09-30 (PCT/CA2005/001516)  
[87] (WO2006/069432)  
[30] US (60/638,391) 2004-12-27

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[11] **2,572,915**  
[13] C

[51] **Int.Cl. A61K 38/48 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION CONTAINING BOTULINUM NEUROTOXIN**

[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA NEUROTOXINE BOTULIQUE**

[72] WEBB, PAUL, GB  
[72] WHITE, MARY, GB  
[72] PARTINGTON, JULIE, GB  
[73] IPSEN LIMITED, GB

[85] 2007-01-04  
[86] 2005-07-06 (PCT/GB2005/002653)  
[87] (WO2006/005910)  
[30] GB (0415491.0) 2004-07-12

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[11] **2,572,932**  
[13] C

[51] **Int.Cl. F02C 1/04 (2006.01) C10G 75/00 (2006.01) C10L 3/10 (2006.01) F24H 3/04 (2006.01) F25J 1/02 (2006.01)**

[25] EN

[54] **METHOD TO PRE-HEAT NATURAL GAS AT GAS PRESSURE REDUCTION STATIONS**

[54] **METHODE DE PRECHAUFFAGE DU GAZ NATUREL AUX STATIONS DE REDUCTION DE PRESSION GAZEUSE**

[72] LOURENCO, JOSE, CA  
[72] MILLAR, MACKENZIE, CA  
[73] 1304342 ALBERTA LTD., CA  
[73] 1304338 ALBERTA LTD., CA

[86] (2572932)  
[87] (2572932)  
[22] 2006-12-14

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[11] **2,575,002**  
[13] C

[51] **Int.Cl. C07D 253/06 (2006.01) A61K 31/53 (2006.01) A61P 31/18 (2006.01)**

[25] EN

[54] **HIV INHIBITING 1,2,4-TRIAZIN-6-ONE DERIVATIVES**

[54] **DERIVES DE 1,2,4-TRIAZIN-6-ONE INHIBITEURS DU VIH**

[72] HOORNAERT, GEORGES JOSEPH CORNELIUS, BE  
[72] KILONDA, AMURI, BE  
[72] HEERES, JAN, BE  
[72] LEWI, PAULUS JOANNES, BE  
[72] DE JONGE, MARC RENE, BE  
[72] DAEYAERT, FREDERIK FRANS DESIRE, BE  
[72] VINKERS, HENDRIK MAARTEN, BE  
[72] KOYMANS, LUCIEN MARIA HENRICUS, BE  
[72] JANSSEN, PAUL ADRIAAN JAN (DECEASED), BE  
[73] JANSSEN PHARMACEUTICA N.V., BE

[85] 2007-01-24  
[86] 2005-08-10 (PCT/EP2005/053936)  
[87] (WO2006/015985)  
[30] EP (04103858.9) 2004-08-10

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[11] **2,575,657**  
[13] C

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AND METHOD OF  
MANUFACTURING IT**  
[54] **RETEMENT D'ETANCHEITE  
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[72] DUBEY, ASHISH, US  
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COMPONENTS FROM SALVIA  
SCLAREA SEED**  
[54] **COMPOSITIONS CONTENANT  
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[72] NATIV, DUDAI, IL  
[72] YANIV BACHARACH, ZOHARA, IL  
[72] PUTIEVSKY, ELI, IL  
[72] SA'ADY, DIAH, IL  
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[54] **SYSTEME DE RESISTANCE A L'ETAT HUMIDE TEMPORAIRE POUR PAPIER TISSU**  
[72] RYAN, MICHAEL, US  
[72] DAUPLAISE, DAVID, US  
[72] BREVARD, WILLIAM, US  
[73] KEMIRA OYJ, FI  
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[72] MENDEZ, JEREMIAH A., US  
[72] JACKSON, JAMES, US  
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[54] **SIMULATION DE GRAIN DE FILM POUR LECTURE NORMALE ET LECTURE EN MODE SPECIAL DE SYSTEMES DE LECTURE VIDEO**  
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[72] COOPER, JEFFREY ALLEN, US  
[72] GOMILA, CRISTINA, US  
[73] THOMSON LICENSING, FR  
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[54] **METHOD AND APPARATUS FOR MICRO-TREATING IRON-BASED ALLOY, AND THE MATERIAL RESULTING THEREFROM**  
[54] **PROCEDE ET APPAREIL POUR LE MICROTRAITEMENT D'ALLIAGE A BASE DE FER, ET LE MATERIAU PROVENANT DE CE MICROTRAITEMENT**  
[72] COLA, GARY M., JR., US  
[72] ZIOLKOWSKI, JEFF W., US  
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[73] MYTRAK HEALTH SYSTEM INC., CA  
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[72] ZANDT, RENE, SE  
[72] GOLMAN, KLAES, SE  
[72] THANING, MIKKEL, SE  
[72] ARDENKJAER-LARSEN, JAN-HENRIK, SE  
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[54] **CLOSED TYPE BELT CONVEYOR**  
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[72] NAGAHAMA, SHOGO, JP  
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[73] YOKO INC., JP  
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[54] **PROTEINES DE FUSION COMPRENANT UNE PROTEASE NON CYTOTOXIQUE, UNE FRACTION DE CIBLAGE, UN SITE DE CLIVAGE DE LA PROTEASE ET UN DOMAINE DE TRANSLOCATION**  
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[72] CHADDOCK, JOHN, GB  
[72] MARKS, PHILIP, GB  
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[72] DUROSE, LYNDSEY, GB  
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[72] SATTELKAU, TIM, DE  
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[54] **PROCEDE, APPAREIL ET SYSTEME D'INSPECTION VISUELLE DE VIDEO TRANSCODEE**  
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[73] THOMSON LICENSING, FR  
[85] 2007-07-20  
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[73] RADIO FLYER INC., US  
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[54] **PROCEDE POUR PRODUIRE DES FORMES POSOLOGIQUES AVEC UNE DISPERSION SOLIDE D'UNE SUBSTANCE ACTIVE MICROCRISTALLINE**  
[72] ROSENBERG, JOERG, DE  
[72] MAEGERLEIN, MARKUS, DE  
[72] LIEPOLD, BERND, DE  
[72] BREITENBACH, JOERG, DE  
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[54] **NETTOYANT A BASSE TEMPERATURE, ACIDE, PEU MOUSSANT ET PROCEDE POUR LE NETTOYAGE DE SURFACES**  
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[73] HENKEL AG & CO. KGAA, DE  
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[54] **SAIGNEE ET ENCOCHE DE DRAINAGE PAR FROTTEMENT DE CARTER DE SOUFFLANTE**  
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[54] **AMELIORATIONS DANS ET CONCERNANT DES MATERIAUX BITUMINEUX**  
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[72] SEIVE, ALAIN MARCEL BERNARD, FR  
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[54] **PROCEDE ET DISPOSITIF D'AIDE A LA NAVIGATION AU SOL D'UN AVION SUR UN AEROPORT**  
[72] FETZMANN, FABIEN, FR  
[72] COLDEFY, PIERRE, FR  
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- [72] BREWER, GERALD K., US
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- [72] BENNETT, FREDERICK JAY, US
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- [73] EVT, IE
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- [72] VESCI, LOREDANA, IT
- [72] ZUNINO, FRANCO, IT
- [72] DALLAVALLE, SABRINA, IT
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[54] **FORMULATION LIQUIDE A BASE D'UN CONSTITUANT ACIDE GUANIDINOACETIQUE**

[72] GASTNER, THOMAS, DE  
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[72] STURM, WERNER, DE  
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[54] **PAPIER A CIGARETTES PRESENTANT DES BANDES HELIOGRAVEES**

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[72] RASOULI, FIROOZ, US  
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[72] MISER, DON E., US  
[72] MOHAJER, JOE, US  
[72] WAYMACK, BRUCE E., US  
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[72] PITHAWALLA, YEZDI B., US  
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[54] **ADDITIFS SOLIDES REGISSANT LA MIGRATION DES GAZ, A BASE DE POUDRES DE LATEX POUR APPLICATIONS DE CIMENTATION**

[72] BARLET-GOUEARD, VERONIQUE, FR  
[72] ERMEL, MICHEL, FR  
[72] DANIEL, SYLVIE, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
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[54] **INHIBITEURS DE POMPE A PROTONS ISOTOPIQUEMENT SUBSTITUES**

[72] KOHL, BERNHARD, DE  
[72] MUELLER, BERND, DE  
[72] HAAG, DIETER, DE  
[72] SIMON, WOLFGANG-ALEXANDER, DE  
[72] ZECH, KARL, DE  
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[54] **ISOTOPICALLY SUBSTITUTED PANTOPRAZOLE**

[54] **PANTOPRAZOLE SUBSTITUE D'UN POINT DE VUE ISOTOPIQUE**

[72] KOHL, BERNHARD, DE  
[72] MUELLER, BERND, DE  
[72] HAAG, DIETER, DE  
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[54] **DERIVES DE BENZYLE SUBSTITUES COMME INHIBITEURS DE LA GSK-3**

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[72] MEDINA PADILLA, MIGUEL, ES

[72] ALONSO CASCON, MERCEDES, ES

[72] FUERTES HUERTA, ANA, ES

[72] NAVARRO RICO, MARIA LUISA, ES

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[54] **ENCRE POUR JET D'ENCRE DURCISSANT PAR RAYONNEMENT ET PROCEDE D'IMPRESSION D'UN SUBSTRAT AU MOYEN DE CETTE ENCRE**

[72] WETJENS, PETER M. A., NL

[72] VERCOULEN, GERARDUS C. P., NL

[72] OGRINC, HENDRIK J. A., NL

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[72] REDER, KARL, AT

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

[72] FUNARI, MICHAEL A., US

[73] ZURN INDUSTRIES, LLC, US

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[72] WANG, HUA, US

[72] BHATT, PADMANABH P., US

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[72] STEVENS, GEOFF, AU  
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[54] **VECTEURS AAV AMELIORES PRODUITS DANS DES CELLULES D'INSECTE**  
[72] URABE, MASASHI, JP  
[72] OZAWA, KEIYA, JP  
[72] HAAST, SASKIA JACOBA PETRONELLA, NL  
[72] HERMENS, WILHELMUS THEODORUS JOHANNES MARIA CHRISTIAN, NL  
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[54] **APPARATUS AND METHOD TO ESTIMATE THE VALUE OF A WORK PROCESS AND DETERMINE GAPS IN CURRENT AND DESIRED STATES**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'ESTIMER LA VALEUR D'UN PROCESSUS DE TRAVAIL ET DE DETERMINER LES CARENANCES A DES ETATS EN COURS ET A DES ETATS SOUHAITES**  
[72] SHIPLEY, DAVID N., US  
[72] LUNDY, PAUL S., US  
[72] TUK, DAVID W., US  
[72] GUTHRIE, CHARLES F., US  
[72] DOTTERER, RICHARD A., US  
[72] CARNEY, MICHAEL W., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[73] CHEVRON U.S.A. INC., US  
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[54] **PROCEDE DE SYNTHESE D'INHIBITEURS DE LA HMG-COA REDUCTASE**  
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[73] LEK PHARMACEUTICALS D.D., SI  
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[72] SHOJI, HIROSHI, JP  
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[54] **SYSTEME D'EXPLORATION SISMIQUE SANS FIL**  
[72] CRICE, DOUGLAS, US  
[72] BEFFA, MIHAI, US  
[73] WIRELESS SEISMIC, US  
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[73] LG ELECTRONICS INC., KR  
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[54] **COMPOSITIONS HERBICIDES BASEES SUR 3-PHENYLURACILES ET N-[[4-[(CYCLOPROPYLAMINO)-CARBONYL]PHENYL]SULFONYL]-2-METHOXYBENZAMIDE**  
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[72] SIEVERNICH, BERND, DE  
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[54] **SAFETY ARRANGEMENT FOR A LIFT CAR IN A LIFT**  
[54] **AGENCEMENT DE SECURITE POUR CABINE D'ASCENSEUR DANS UN ASCENSEUR**  
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[54] **SORTIE REMPLACABLE SUR SOUPEPE CYLINDRIQUE**  
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[72] DANIELS, MIA RENEE, US  
[73] SHERWOOD VALVE LLC, US  
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[54] **ONE WAY VALVE ASSEMBLY**  
[54] **ENSEMBLE CLAPET DE NON-RETOUR**  
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[72] HOFMAN, ILAN, CA  
[72] DOMAREKI, WESLEY, US  
[72] SWISS, STEWART, US  
[73] RESEAL INTERNATIONAL LIMITED PARTNERSHIP, US  
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[54] **CATALYTIC PROCESS FOR THE OLIGOMERIZATION OF OLEFINIC MONOMERS**  
[54] **PROCEDE CATALYTIQUE PERMETTANT L'OLIGOMERISATION DE MONOMERES OLEFINIQUES**  
[72] DE BOER, ERIC JOHANNES MARIA, NL  
[72] VAN DER HEIJDEN, HARRY, NL  
[72] ON, QUOC AN, NL  
[72] SMIT, JOHAN PAUL, NL  
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[54] **METHOD AND DEVICE FOR WATERPROOFING AND DRAINING OFF INFILTRATED WATER IN HYDRAULIC STRUCTURES**  
[54] **PROCEDE ET SYSTEME D'ETANCHEITE A L'EAU ET DEDRAINAGE DE L'EAU INFILTREE DANS DES STRUCTURES**  
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[73] GSI B.V., NL  
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[54] **MEDICAMENT**  
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[72] OHNISHI, KENJI, JP  
[72] NAKAGAWA, TAKASHI, JP  
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[72] SAKAMOTO, MAKOTO, JP  
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[72] MIYAJIMA, KEISUKE, JP  
[72] YAMADA, SATOSHI, JP  
[72] MOTOYAMA, MASAAKI, JP  
[72] KOJIMA, YUTAKA, JP  
[72] YASUMURA, KOICHI, JP  
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[54] **A DEVICE FOR AND A METHOD OF DESIGNING A SENSOR ARRANGEMENT FOR A SAFE AUTOMATED SYSTEM, AN AUTOMATED SYSTEM, A PROGRAM ELEMENT AND A COMPUTER-READABLE MEDIUM**  
[54] **DISPOSITIF POUR CONCEVOIR ET PROCEDE DE CONCEPTION D'UN AGENCEMENT DE CAPTEUR POUR UN SYSTEME AUTOMATISE SECURISE, SYSTEME AUTOMATISE, ELEMENT DE PROGRAMME ET SUPPORT LISIBLE PAR UN ORDINATEUR**  
[72] MEERS, FRANCOIS, BE  
[72] MASSAR, MARC, BE  
[72] BILENNE, OLIVIER, BE  
[72] DRUET, EMMANUEL, BE  
[73] MULTITEL ASBL, BE  
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[72] HSIAO, HUMG-YU, US  
[72] LIU, LIN, US  
[73] ELI LILLY AND COMPANY, US  
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[54] **PRESENTOIR**  
[72] SHIBUSAWA, SAKUMI, JP  
[72] OKETANI, TETSUYA, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
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[25] EN  
[54] **HEAVY ANFO AND A TAILORED EXPANDED POLYMERIC DENSITY CONTROL AGENT**  
[54] **ANFO LOURD ET FLUIDE ENERGETIQUE DE DENSITE DU POLYMERE EXPANSE**  
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[54] **TOOL SET FOR DIE STAMPING**  
[54] **OUTILLAGE POUR LE MATRICAGE AU PILON**  
[72] MARIANI, GIORGIO, FR  
[72] PERRET, CHRISTOPHE, FR  
[73] SNECMA, FR  
[86] (2634944)  
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[54] **CYCLONE SEPARATOR**  
[54] **SEPARATEUR A ECOULEMENT CYCLONIQUE**  
[72] LECOFFRE, YVES, FR  
[72] PEYRONY, VINCENT, FR  
[73] TOTAL SA, FR  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[86] (2637643)  
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[25] EN  
[54] **ELECTRIC POWER STEERING APPARATUS**  
[54] **DISPOSITIF DE COMMANDE ELECTRIQUE DE DIRECTION**  
[72] MATSUDA, KOUHEI, JP  
[72] KOGISO, YOSHINORI, JP  
[73] KAYABA INDUSTRY CO., LTD., JP  
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[87] (2638531)  
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[54] **CRIMPING MARKS REDUCING WRAPPER FOR ROLLS**  
[54] **ENVELOPPE REDUISANT LES MARQUES DE GAUFRAGE DE ROULEAUX**  
[72] LABBE, MICHEL, CA  
[72] BOWDEN, RICHARD SCOTT, US  
[73] CASCADES CONVERSION INC., CA  
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[25] EN  
[54] **QUANTITATION OF CELLULAR DNA AND CELL NUMBERS USING ELEMENT LABELING**  
[54] **QUANTIFICATION D'ADN CELLULAIRE ET DE CELLULES AU MOYEN D'ELEMENTS DE MARQUAGE**  
[72] ORNATSKY, OLGA, CA  
[72] BARANOV, VLADIMIR, CA  
[73] FLUIDIGM CANADA INC., CA  
[85] 2008-08-12  
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[54] **PRODUCTION DE PROTEINES BIOLOGIQUEMENT ACTIVES**  
[72] HEIFETZ, PETER BERNARD, US  
[72] LLOMPART ROYO, BLANCA, ES  
[72] MARZABAL LUNA, PABLO, ES  
[72] BASTIDA VIRGILI, MIRIAM, ES  
[72] LUDEVID MUGICA, MARIA DOLORES, ES  
[72] TORRENT QUETGLAS, MARGARITA, ES  
[72] O CONNOR, KEVIN JAMES, ES  
[72] PALLISSE BERGWERF, ROSER, ES  
[72] LLOP, M~ INMACULADA, ES  
[73] ERA BIOTECH S.A., ES  
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[54] **METHODS AND SYSTEMS FOR MULTISTAGE PROCESSING OF FLUIDIZED PARTICULATE SOLIDS**  
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT ETAGE DES PARTICULES SOLIDES FLUIDISEES**  
[72] ARCHIBALD, ROBERT J., US  
[72] STAFFIN, H. KENNETH, US  
[72] TRAINA, EDWARD P., US  
[72] WALES, EDWARD A., US  
[73] CORN PRODUCTS DEVELOPMENT, INC., US  
[86] (2643871)  
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[25] EN  
[54] **CONTINUOUS FLUID BED REACTOR**  
[54] **REACTEUR A LIT FLUIDISE EN CONTINU**  
[72] ENGLISH, THOMAS JOSEPH, US  
[72] SOUVALIOTIS, ATHANASSIOS, US  
[72] SHAH, MANISH B., US  
[73] CORN PRODUCTS DEVELOPMENT, INC., US  
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[25] EN  
[54] **METHOD AND APPARATUS FOR STABILISING STRIP DURING WINDING**  
[54] **PROCEDE ET APPAREIL POUR STABILISER UN RUBAN DURANT L'ENROULEMENT**  
[72] BATEMAN, IAN ROGER, AU  
[72] MAYMAN, CRAIG ANTHONY, US  
[72] CRAWFORD, GLENN, AU  
[73] SEKISUI RIB LOC AUSTRALIA PTY LTD, AU  
[85] 2008-09-09  
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[54] **TEST D'UN ENSEMBLE JAMBE**  
[72] JONES, MARTIN EDWARD, GB  
[73] AIRBUS OPERATIONS LIMITED, GB  
[85] 2008-08-29  
[86] 2007-03-15 (PCT/GB2007/000918)  
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[30] GB (0605345.8) 2006-03-16

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[25] EN  
[54] **DETERMINING LOCATIONS OF GANGLIA AND PLEXI IN THE HEART USING COMPLEX FRACTIONATED ATRIAL ELECTROGRAM**  
[54] **LOCALISATION DES PLEXUS GANGLIONNES CARDIAQUES PAR ELECTROGRAMME AURICULAIRE FRACTIONNE COMPLEXE**  
[72] HAYAM, GAL, IL  
[72] JACKMAN, WARREN, US  
[72] NAKAGAWA, HIROSHI, US  
[73] BIOSENSE WEBSTER, INC., US  
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US  
[86] (2644884)  
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[22] 2008-11-26  
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[54] **DEVICE FOR HANGING A CURTAIN IN FRONT OF A WINDOW**  
[54] **DISPOSITIF POUR SUSPENDRE UN RIDEAU DEVANT UNE FENETRE**  
[72] NAVARRO, JOSE, FR  
[72] NAVARRO, EDOUARD, FR  
[73] RIDORAIL, FR  
[85] 2008-10-29  
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[54] **APPARATUS AND METHOD FOR DISPENSING TAPE**  
[54] **DISPOSITIF ET PROCEDE DE DISTRIBUTION DE RUBAN**  
[72] NASH, JORGE A., US  
[72] LAI, YANG TRI, US  
[73] ADALIS CORPORATION, US  
[86] (2645945)  
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[25] EN  
[54] **SYSTEM FOR ORGANIZING AND VISUALIZING DISPLAY OBJECTS**  
[54] **SYSTEME POUR ORGANISER ET VISUALISER DES OBJETS D'AFFICHAGE**  
[72] AGARAWALA, ANAND, CA  
[72] BALAKRISHNAN, RAVIN, CA  
[73] GOOGLE INC., US  
[85] 2008-09-16  
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[54] **CRIMP-ON PIPE CONNECTION ACCESSORY**  
[54] **ACCESSOIRE SERTISSABLE DE RACCORDEMENT POUR CANALISATIONS**  
[72] HERAUD, STEPHANE, FR  
[72] BERNARDOT, CHRISTIAN, FR  
[72] LECROC, DANIEL, FR  
[73] PERMASWAGE, FR  
[85] 2008-09-25  
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[54] **DEVICE FOR STEERING DRILLING TOOLS**  
[54] **DISPOSITIF D'ORIENTATION D'OUTILS DE FORAGE**  
[72] MILLET, FRANCOIS, FR  
[73] MILLET, FRANCOIS, FR  
[85] 2008-09-26  
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[54] **MATTRESS OR MATTRESS PAD WITH GEL SECTION**  
[54] **MATELAS OU REMBOURRAGE DE MATELAS AVEC SECTION DE GEL**  
[72] GLADNEY, RICHARD F., US  
[72] WESTERMAN, COREY, US  
[72] DEFRANKS, MICHAEL S., US  
[73] DREAMWELL, LTD., US  
[85] 2008-10-02  
[86] 2007-04-03 (PCT/US2007/008419)  
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[54] **NEUROGENESIS INDUCER OR NEUROPATHY THERAPEUTIC AGENT COMPRISING ALKYL ETHER DERIVATIVE OR SALT THEREOF**  
[54] **INDUCTEUR DE NEUROGENESE OU AGENT THERAPEUTIQUE CONTRE LA NEUROPATHIE COMPRENANT UN DERIVE D'UN ETHER ALKYLIQUE OU UN SEL DE CELUI-CI**  
[72] IWAKAMI, NOBORU, JP  
[72] MARUBUCHI, SHIGEKI, JP  
[72] OKUDA, TOMOHIRO, JP  
[73] TOYAMA CHEMICAL CO., LTD., JP  
[85] 2008-10-08  
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[30] JP (2006-122080) 2006-04-26

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[25] EN  
[54] **METHOD OF INCREASING THE IN VIVO RECOVERY OF THERAPEUTIC POLYPEPTIDES**  
[54] **METHODE DESTINEE A AUGMENTER LE TAUX DE RECUPERATION IN VIVO DE POLYPEPTIDES THERAPEUTIQUES**  
[72] WEIMER, THOMAS, DE  
[72] METZNER, HUBERT, DE  
[72] SCHULTE, STEFAN, DE  
[72] LANG, WIEGAND, DE  
[72] WORMSBAECHER, WILFRIED, DE  
[73] CSL BEHRING GMBH, DE  
[85] 2008-10-10  
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[13] C

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[25] EN  
[54] **SYNCHRONIZING AN ACTIVE FEED ADAPTER AND A BACKUP FEED ADAPTER IN A HIGH SPEED, LOW LATENCY DATA COMMUNICATIONS ENVIRONMENT**  
[54] **SYNCHRONISATION D'UN ADAPTATEUR ACTIF D'ALIMENTATION ET D'ALIMENTATION DE SAUVEGARDE DANS UN ENVIRONNEMENT DE COMMUNICATIONS DE DONNEES A FAIBLE TEMPS DE LATENCE ET A HAUTE VITESSE**  
[72] DEKEL, ELIEZER, IL  
[72] DUGENAN, JOHN JUSTIN, US  
[72] GERSHINSKY, GIDON, IL  
[72] KRITS, ALEXANDER, IL  
[72] NAAMAN, NIR, IL  
[72] OKUNSEINDE, FOLUSO OLAIYA, US  
[72] PIKE, HILARY ALISON, US  
[72] WRIGHT, CORNELL, JR., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[25] EN  
[54] **SYSTEM, POD AND METHOD FOR PREPARING A BEVERAGE**  
[54] **SYSTEME, CAPSULE ET PROCEDE DE PREPARATION D'UNE BOISSON**  
[72] MACMAHON, ALISTAIR JOHN, GB  
[72] NORTON, MARK, GB  
[72] HARPLEY, PAUL JAMES, GB  
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[54] **STABLE C-GLYCOSIDE SUGAR AND C-GLYCOCONJUGATE MIMETICS, METHOD FOR PREPARING SAME AND USES THEREOF IN PARTICULAR IN COSMETICS AND DRUGS**  
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[72] QUIRION, JEAN-CHARLES, FR  
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[54] **SYSTEME DE COMMANDE D'UNE PROTHESE PASSIVE DE L'ARTICULATION DU GENOU A AMORTISSEMENT REGLABLE**  
[72] PUSCH, MARTIN, DE  
[72] ZARLING, SVEN, DE  
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[73] REBTEL NETWORKS AB, SE  
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[54] **MATERIAU ACTIVABLE RENFORCE POUR SCELLEMENT, CHICANAGE OU RENFORCEMENT ET SON PROCEDE DE FABRICATION**

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[73] ZEPHYROS, INC., US

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[54] **RESINE AMINOPLASTE HAUTE PERFORMANCE POUR MATERIAUX LIGNOCELLULOSIQUES**

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[72] PAPADOPOULOU, ELECTRA, GR

[73] CHIMAR HELLAS S.A., GR

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[72] TOLES, KEVIN, CA

[72] POIRON, JULES, CA

[73] ACUSHOT INC., CA

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[54] **PREPARATIONS PHYTOSANITAIRES PEU MOUSSANTES**

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[72] MUELLER-FISCHER, NADINA PATRIZIA, CH  
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[72] VERHOEVEN, RAMON EDUARD, NL  
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[73] VWP WASTE PROCESSING LIMITED, GB  
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[72] DAVIS, WILLIAM, US  
[73] EVOQUA WATER TECHNOLOGIES LLC, US  
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[54] **INHALATEUR A IMPULSIONS ET METHODE DE TRAITEMENT DE TROUBLES DES VOIES RESPIRATOIRES SUPERIEURES**  
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[72] FONTAINE, FREDERIC, CH  
[72] LECHTHALER, MARKUS, AT  
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[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE D'UN ACCES A UN PATIENT, EN PARTICULIER, D'UN ACCES VASCULAIRE DANS UN TRAITEMENT SANGUIN EXTRACORPOREL**  
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[72] HWANG, PETER SEONGWOO, US  
[72] PINES, SEEMON, US  
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[54] **PROCEDE ET INSTALLATION D'ASSOCIATION DE PLIS FORMANT UNE FEUILLE ABSORBANTE**  
[72] JEANNOT, SEBASTIEN, FR  
[72] HOEFT, BENOIT, FR  
[72] PROBST, PIERRE, FR  
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[54] **BLOOD BAG SYSTEM AND PROCESS FOR THE INACTIVATION OF PATHOGENS IN PLATELET CONCENTRATES BY USE OF THE BLOOD BAG SYSTEM**  
[54] **SYSTEME DE SACS DE SANG ET PROCEDE D'INACTIVATION D'AGENTS PATHOGENES DANS DES CONCENTRES DE PLAQUETTES AU MOYEN DE CE SYSTEME**  
[72] WALKER, WOLFRAM HUBERT, DE  
[72] TOLKSDORF, FRANK, DE  
[72] VERPOORT, THIERRY, FR  
[72] GOUDALIEZ, FRANCIS, FR  
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[54] **DISPOSITIF POUR PIEGER DES INSECTES VOLANTS ET SYSTEME DE PIEGE POUR INSECTES VOLANTS**  
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[73] WOODSTREAM CORPORATION, US  
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[54] **INSTALLATION D'ADAPTATION POUR MINILAMPE DE VEHICULE**  
[72] KOLSTEE, TODD, US  
[72] DIPENTI, TIMOTHY A., US  
[72] JOHNSON, GARY R., US  
[73] TRUCK-LITE CO., LLC, US  
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[54] **SYSTEME DE DETECTION DE PRESSION DANS UN PNEU DE VEHICULE OU DE VITESSE DU VEHICULE**  
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[54] **VANNE DE REGULATION DE FORAGE DE Puits AMELIOREE**  
[72] EDWARDS, JEFFREY CHARLES, GB  
[73] ENOVATE SYSTEMS LIMITED, GB  
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[54] **PROCEDE AMELIORE POUR LA PREPARATION DU TEMOZOLOMIDE ET D'ANALOGUES DE CELUI-CI**  
[72] PATHI, SRINIVAS LAXMINARAYAN, IN  
[72] RAO, DHARMARAJ RAMACHANDRA, IN  
[72] KANKAN, RAJENDRA NARAYANRAO, IN  
[73] CIPLA LIMITED, IN  
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[54] **ELIMINATION D'EAUX USEES AVEC UNE PRODUCTION DE VAPEUR IN SITU**  
[72] IQBAL, RASHID, US  
[72] RAO, VIKRAM, US  
[72] ENG, ODETTE, US  
[73] KELLOGG BROWN & ROOT LLC, US  
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[54] **PROCEDE DE PRODUCTION BIOLOGIQUE DE N-BUTANOL A HAUT RENDEMENT**  
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[54] **SYSTEME ET PROCEDE DESTINES A LA PRODUCTION DE FER METALLIQUE**

[72] ENGLUND, DAVID, US  
[72] BLEIFUSS, RODNEY, US  
[72] IWASAKI, IWAO, US  
[72] FOSNACHT, DONALD, US  
[72] BRANDON, MARK, US  
[72] TRUE, BRADFORD, US  
[73] NU-IRON TECHNOLOGY, LLC, US  
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[54] **CHARIOT DE TRANSPORT RELIE AU SOL, EN PARTICULIER POUR LE TRANSPORT DE CONTENEURS**

[72] FRANZEN, HERMANN, DE  
[72] MOUTSOKAPAS, JANNIS, DE  
[72] WIESCHEMANN, ARMIN, DE  
[73] GOTTWALD PORT TECHNOLOGY GMBH, DE  
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[54] **UNITE DE PLANTATION DE GRAINES, DISPOSITIF DE PLANTATION, DISPOSITIF DE TRANSPORT ET PROCEDE DE PLANTATION DE GRAINES**

[72] LANDSTROM, ANDERS, SE  
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[54] **INHIBITEURS DE CHYMASE**

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[72] EMMANUEL, MICHEL JOSE, US  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
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[54] **RAYONNEMENT RADIOFREQUENCE ACCORDE ET CHARACTERISATION ELECTRIQUE DES TISSUS POUR TRAITEMENT SELECTIF DE TISSUS CIBLES**

[72] STONE, CORBETT W., US  
[72] HOEY, MICHAEL F., US  
[72] STEINKE, TOM A., US  
[72] MICHEL, RAPHAEL M., US  
[72] BLANCK, ARTHUR G., US  
[72] TRUESDALE, MARLENE KAY, US  
[72] HERSCHER, BRET, US  
[73] MINNOW MEDICAL, INC., US  
[85] 2009-04-16  
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[54] **BALAYAGE D'UN RESEAU LOCAL SANS FIL PAR PREVALENCE D'UN DEPLOIEMENT DE POINTS D'ACCES SUR CERTAINS CANAUX**

[72] MONTEMURRO, MICHAEL P., CA  
[72] DURAND, ROGER, US  
[72] ABDEL-KADER, SHERIF, CA  
[73] BLACKBERRY LIMITED, CA  
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[54] **ELEMENT DE SECURITE DOTE D'UNE STRUCTURE A EFFET OPTIQUE VARIABLE**  
[72] FRANZ, PETER, DE  
[73] GIESECKE & DEVRIENT GMBH, DE  
[85] 2009-04-21  
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[54] **POLYETHYLENE COMPOSITIONS, METHODS OF MAKING THE SAME, AND ARTICLES PREPARED THEREFROM**  
[54] **COMPOSITIONS DE POLYETHYLENE, LEURS PROCEDES DE FABRICATION ET ARTICLES PREPARES A PARTIR DE CES COMPOSITIONS**  
[72] MICHIE, WILLIAM J., JR., US  
[72] CHANG, DANE, US  
[72] HAZLITT, LONNIE G., US  
[72] WHITED, STEPHANIE M., US  
[72] KINNAN, MICHAEL A., US  
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[54] **CLOU INTRAMEDULLAIRE COMPRENANT DES BOULONS BLOQUANTS STABLES**  
[72] DELL'OCA, ALBERTO A. FERNANDEZ, UY  
[73] DEPUY SYNTHES PRODUCTS, LLC, US  
[85] 2009-04-27  
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[54] **PRODUCTION OF NOVEL PRECISION CUSTOMIZED CONTROL RELEASE FERTILIZERS**  
[54] **PRODUCTION DE NOUVEAUX ENGRAIS A LIBERATION A LA DEMANDE ET PRECISE**  
[72] PRASAD, DURGA YANDAPALLI, IN  
[73] BIJAM BIOSCIENCES PRIVATE LIMITED, IN  
[85] 2009-05-06  
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[72] SLADOJEVIC, ROBERT, AU  
[73] SRB CONSTRUCTION TECHNOLOGIES PTY LTD, AU  
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[54] **SYSTEME DE FIXATION DE COFFRAGE LATERAL**  
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[73] SRB CONSTRUCTION TECHNOLOGIES PTY LTD, AU  
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[25] EN  
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[54] **AUTO-ADHESIFS FONDUS PRESENTANT UNE ADHERENCE AVEC DES SUBSTRATS FLEXIBLES**  
[72] TOENNIESSEN, HOLGER, DE  
[72] SEILER, ANNIE, DE  
[72] RAUBERGER, RAINER, DE  
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[54] **CAP FOR THE NECK OF A CONTAINER AND METHOD FOR PRODUCING ONE SUCH CAP**

[54] **BOUCHON POUR UN COL DE RECIPIENT ET PROCEDE DE FABRICATION D'UN TEL BOUCHON**

[72] IACOPI, STEPHANE, FR

[72] GUERIN, FABRICE, FR

[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH

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[54] **SYSTEMES EPAISSISSANTS TENSIOACTIFS COMPRENANT DE LA CELLULOSE MICROFIBREUSE ET LEURS PROCEDES DE FABRICATION**

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[25] EN

[54] **METHODS AND SYSTEMS FOR LOCAL, COMPUTER-AIDED TRANSLATION INCORPORATING TRANSLATOR REVISIONS TO REMOTELY-GENERATED TRANSLATION PREDICTIONS**

[54] **PROCEDES ET SYSTEMES POUR UNE TRADUCTION LOCALE ASSISTEE PAR ORDINATEUR, INCORPORANT DES REVISIONS DE TRADUCTIONS GENEREES A DISTANCE**

[72] SCHURIG, JOACHIM, US

[73] LIONBRIDGE TECHNOLOGIES, INC., US

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[54] **FOLATES MARQUES AU 18F**

[72] AMETAMEY, SIMON MENSAH, CH

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[72] ROSS, TOBIAS LUDWIG, CH

[72] MINDT, THOMAS LEIGHTON, CH

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[25] EN

[54] **APPARATUS FOR SCATTERING FIBROUS MATERIAL, E.G. CHIPS**

[54] **APPAREIL DE DISPERSION DE MATERIAU FIBREUX, P. EX. DES COPEAUX**

[72] MANNIKKO, ARI, FI

[73] DIEFFENBACHER PANELBOARD OY, FI

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[54] **A FUEL CELL HAVING A CHANNEL FOR CONTAINING ELECTROLYTE**

[54] **PILE A COMBUSTIBLE COMPORTANT UN CANAL POUR CONTENIR L'ELECTROLYTE**

[72] RICHARDS, ROBERT W., GB

[73] LION LABORATORIES LIMITED, GB

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[54] **PROCESS FOR IMPROVING THE ADHESION OF CARBON FIBRES WITH REGARD TO AN ORGANIC MATRIX**  
[54] **PROCEDE POUR AMELIORER L'ADHERENCE DE FIBRES DE CARBONE VIS-A-VIS D'UNE MATRICE ORGANIQUE**  
[72] SCHULTZ, JACQUES, FR  
[72] NARDIN, MICHEL, FR  
[72] VAUTARD, FREDERIC, FR  
[72] ROUCOULES, VINCENT, FR  
[72] DEFOORT, BRIGITTE, FR  
[73] ASTRIUM SAS, FR  
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[72] MAHONEY, FRANCIS E., US  
[73] K-2 CORPORATION, US  
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[54] **POLYMORPHES D'UN ANTAGONISTE DU RECEPTEUR MGLUR5**  
[72] CLEARY, THOMAS P., US  
[72] GLOMME, ALEXANDER, CH  
[72] GRASSMANN, OLAF, DE  
[72] KUANG, SHAN-MING, US  
[72] MEIER, ROLAND, CH  
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[54] **ELEMENT DE COFFRAGE DOTE D'UN MOYEN D'IDENTIFICATION**  
[72] SUM, WALTER, DE  
[73] PASCHAL-WERK G. MAIER GMBH, DE  
[85] 2009-07-23  
[86] 2008-02-14 (PCT/EP2008/001110)  
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[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONVERTING INTERACTIVE ANIMATED INFORMATION CONTENT FOR DISPLAY ON MOBILE DEVICES**  
[54] **PROCEDE ET SYSTEME POUR CONVERTIR UN CONTENU D'INFORMATION ANIME INTERACTIF EN VUE D'UN AFFICHAGE SUR DES DISPOSITIFS MOBILES**  
[72] HAYOSH, THOMAS ERIC, US  
[72] PATTERSON, SEAN KENT, US  
[72] MITCHELL, MICHAEL P., US  
[73] NOKIA CORPORATION, FI  
[85] 2009-07-27  
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[13] C

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[25] EN  
[54] **WRAPPERS FOR SMOKING ARTICLES HAVING REDUCED DIFFUSION LEADING TO REDUCED IGNITION PROCLIVITY CHARACTERISTICS**  
[54] **EMBALLAGE POUR ARTICLES A FUMER AYANT UNE DIFFUSION REDUITE ENTRAINANT DES CARACTERISTIQUES REDUITES DE PREDISPOSITION A L'IGNITION**  
[72] HAMPL, VLADIMIR, JR., US  
[72] GU, ALICE, US  
[72] ROSSI-ESPAGNET, JAMES, US  
[73] SCHWEITZER-MAUDUIT INTERNATIONAL, INC., US  
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[25] EN  
[54] **BOX WITH RETRACTABLE LID FOR COSMETIC OR TOILETRY PRODUCTS**  
[54] **BOITE AVEC COUVERCLE RETRACTABLE POUR PRODUITS COSMETIQUES OU DE TOILETTE**  
[72] SALCIARINI, CHRISTIAN, FR  
[72] PERRIN, OLIVIER, FR  
[72] LEGASTELOIS, SYLVIE, FR  
[73] CHANEL PARFUMS BEAUTE, FR  
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[54] **AGRICULTURAL IMPLEMENT WITH DENSE PHASE PRODUCT DISPENSING AND PURGING**  
[54] **INSTRUMENT ARAATOIRE AVEC DISTRIBUTION DU PRODUIT EN PHASE DENSE ET PURGE**  
[72] MEMORY, RUSSELL JAMES, CA  
[73] CNH CANADA, LTD., CA  
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[54] **HAND ASSISTED LAPAROSCOPIC SEAL ASSEMBLY WITH A RATCHET MECHANISM**  
[54] **ASSEMBLAGE LAPAROSCOPIQUE D'ETANCHEITE ASSISTE MANUELLEMENT AVEC MECANISME A CLIQUET**  
[72] WHITE, WILLIAM J., US  
[72] BECKMAN, ANDREW T., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[85] 2009-09-02  
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[54] **THREADED TUBULAR CONNECTION WHICH IS LEAK-PROOF UNDER INTERNAL AND EXTERNAL SUCCESSIVE PRESSURE LOADS**  
[54] **CONNEXION TUBULAIRE FILETEE A L'EPREUVE DES FUITES SOUS CHARGES DE PRESSION SUCCESSIVEMENT INTERNES ET EXTERNES**  
[72] PATUREAU, CLAIRE, FR  
[72] TARTAR, OLIVIER, FR  
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR  
[73] SUMITOMO METAL INDUSTRIES, LTD., JP  
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[54] **DEVICE FOR HEATING A FLOW OF LIQUID BY ELECTRICAL HEATING OF A METALLIC CONDUIT**  
[54] **DISPOSITIF POUR CHAUFFER UN FLUX DE LIQUIDE PAR LE CHAUFFAGE ELECTRIQUE D'UN CONDUIT METALLIQUE**  
[72] ELAZARI-VOLCANI, RON, IL  
[72] VISHNIA, DAVID, IL  
[72] SHANI, EYAL, IL  
[72] KAIDAR, AVNER, IL  
[73] QUALITY IN FLOW LTD., IL  
[85] 2009-09-09  
[86] 2008-03-13 (PCT/IL2008/000362)  
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[54] **CORE-SHEATH PARTICLES FOR USE AS A FILLER FOR FEEDER COMPOSITONS**  
[54] **PARTICULES DE TYPE NOYAU-ENVELOPPE POUR UTILISATION EN TANT QU'AGENT DE REMPLISSAGE POUR COMPOSITIONS DE MASSELOTES**  
[72] LANVER, ULRICH, DE  
[72] RIEMANN, KLAUS DIETER, DE  
[72] HUEBERT, JUERGEN, DE  
[72] LIEBER, HERMANN, DE  
[73] CHEMEX GMBH, DE  
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[54] **APPARATUS AND METHODS FOR CONTROLLING TISSUE OXYGENATION FOR WOUND HEALING AND PROMOTING TISSUE VIABILITY**

[54] **APPAREILLAGE ET METHODES DE REGULATION DE L'OXYGENATION DES TISSUS PERMETTANT DE CICATRISER DES TISSUS ET DE STIMULER LEUR VIABILITE**

[72] WELLS, MICHAEL C., US

[72] PARKER, MARK, US

[72] CLARIUS, DANIEL J., US

[72] PARKER, ANDREW, US

[72] PUNDOLE, FARAIDON, US

[72] WOODS, TOM, US

[72] NIEDERAUER, MARK, US

[73] ELECTROCHEMICAL OXYGEN CONCEPTS, INC., US

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[54] **SYSTEME ET METHODE D'ADMISSION EN PHASE DENSE**

[72] MEMORY, RUSSELL JAMES, CA

[73] CNH CANADA, LTD., CA

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[54] **TWO-PART HAIR DYE OR BLEACH COMPOSITION**

[54] **COMPOSITION DE TEINTURE OU DE DECOLORATION CAPILLAIRE A DEUX COMPOSANTES**

[72] FUJINUMA, HIROYUKI, JP

[72] MATSUMOTO, SHUHEI, JP

[72] CHIBA, TETSUYA, JP

[72] INAGAWA, YOSHINORI, JP

[72] KODAMA, DAISUKE, JP

[73] KAO CORPORATION, JP

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[54] **PARTICLE REDUCTION DEVICE**

[54] **DISPOSITIF DE REDUCTION DE PARTICULE**

[72] WEBB, DONALD BARRY, AU

[73] FIBRECYCLE PTY LTD, AU

[85] 2009-10-26

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[54] **AUTO-ALIGNMENT AND AUTO-FOCUS SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'AUTO-ALIGNEMENT ET DE MISE AU POINT AUTOMATIQUE**

[72] SOMANI, SEEMA, US

[73] AMO DEVELOPMENT, LLC, US

[85] 2009-11-04

[86] 2008-04-25 (PCT/US2008/061660)

[87] (WO2008/140917)

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[54] **TALAROMYCES EMERSONII BETA-GLUCANASES**

[54] **BETA-GLUCANASES ISSUES DE TALAROMYCES EMERSONII**

[72] VAN DEN HOMBERGH, JOHANNES PETRUS THEODORUS WILHELMUS, NL

[72] VAN DER LAAN, JAN-METSKE, NL

[72] DARAN, JEAN-MARC GEORGES, FR

[72] HERWEIJER, MARGARETA ADRIANA, NL

[72] TEUFEL, DANIEL PAUL, DE

[73] BASF SE, DE

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[54] **IL-6 ANTAGONIST PEPTIDES**

[54] **PEPTIDES ANTAGONISTES DE IL-6**

[72] SERLUPI-CRESCENZI, OTTAVIANO, IT

[72] BRESSAN, ALESSANDRO, IT

[72] DELLA PIETRA, LINDA, IT

[72] PEZZOTTI, ANNA RITA, IT

[73] MERCK SERONO SA, CH

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[54] **PROCESS AND APPARATUS FOR THE SEPARATION OF A GASEOUS MIXTURE**  
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION D'UN MELANGE GAZEUX**  
[72] DARDE, ARTHUR, FR  
[72] HA, BAO, US  
[72] TRANIER, JEAN-PIERRE, FR  
[73] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
[85] 2009-12-23  
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[54] **SYSTEME DE FIXATION DE CIVIERE**  
[72] SCHRAND, STEVE, US  
[73] FERNO-WASHINGTON, INC., US  
[85] 2010-01-05  
[86] 2008-07-03 (PCT/US2008/069167)  
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[54] **GROUPE MOTEUR POUR NAVIRE**  
[72] JODET, LIONEL, FR  
[73] DCNS, FR  
[85] 2010-01-21  
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[25] EN  
[54] **METHOD AND APPARATUS FOR MODIFYING NOTIFICATION SETTINGS ON A MOBILE ELECTRONIC DEVICE**  
[54] **METHODE ET DISPOSITIF DE MODIFICATION DES PARAMETRES DE NOTIFICATION SUR UN DISPOSITIF ELECTRONIQUE MOBILE**  
[72] VANDER VEEN, RAYMOND PAUL, CA  
[72] YACH, DAVID PAUL, CA  
[72] HARDY, MICHAEL THOMAS, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2695341)  
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[22] 2010-03-04  
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[54] **ACOUSTIC Baffle**  
[54] **ECRAN ACOUSTIQUE**  
[72] WOJTOWICKI, JEAN-LUC, FR  
[73] HENKEL AG & CO. KGAA, DE  
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[54] **SHOWER DEVICE WITH INDEPENDENTLY OPERATING VALVES**  
[54] **APPAREIL DE DOUCHE AVEC ROBINETS A FONCTIONNEMENT INDEPENDANT**  
[72] MILLER, MICHAEL A., US  
[72] GIGGS, JULIAN, US  
[72] LIAO, LIZHONG, CN  
[72] DU, SHENGJUN, CN  
[73] MASCO CORPORATION OF INDIANA, US  
[86] (2697281)  
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[25] EN  
[54] **ORTHOTIC FOOT DEVICE WITH REMOVABLE SUPPORT COMPONENTS AND METHOD OF MAKING SAME**  
[54] **DISPOSITIF ORTHETIQUE DE PIED AVEC COMPOSANTS DE SUPPORT AMOVIBLES ET SON PROCEDE DE FABRICATION**  
[72] STESZYN, MICHAEL, US  
[72] LUTHI, SIMON, US  
[72] MCMILLAN, JOSEPH F., US  
[72] VALOIS, PETER, US  
[72] TRAUTMANN, MARTIN, DE  
[72] DONZIS, DAMIAN, US  
[72] DONZIS, AIMEE, US  
[72] IRANI, RONALD CHARLES, GB  
[73] ORTHOSOLE LIMITED, GG  
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[86] 2008-08-22 (PCT/US2008/074116)  
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[54] **APPARATUS AND METHOD FOR ENCODING A MULTI CHANNEL AUDIO SIGNAL**  
[54] **APPAREIL ET PROCEDE DE CODAGE D'UN SIGNAL AUDIO A MULTIPLES CANAUX**  
[72] GIBBS, JONATHAN ALASTAIR, GB  
[73] MOTOROLA MOBILITY LLC, US  
[85] 2010-03-04  
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[30] GB (0718682.8) 2007-09-25

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[25] EN  
[54] **AQUEOUS POLYMER DISPERSIONS BASED ON COPOLYMERS FORMED FROM VINYLAROMATICS AND CONJUGATED ALIPHATIC DIENES, PROCESSES FOR PREPARATION THEREOF AND USE THEREOF**  
[54] **DISPERSIONS AQUEUSES DE POLYMERES A BASE DE COPOLYMERISATS D'AROMATES VINYLIQUES ET DE DIENES ALPHATIQUES CONJUGUES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**  
[72] EVSTATIEVA, ELITSA, DE  
[72] SCHMIDT-THUMMES, JURGEN, DE  
[72] LAWRENZ, DIRK, DE  
[72] MINDERHOUD, JOHANNES JAN-BESSEL, DE  
[72] ARENS, GUILLERMO, DE  
[73] BASF SE, DE  
[85] 2010-03-18  
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[13] C

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[25] EN  
[54] **CRASH MODULE FOR A RAIL VEHICLE**  
[54] **MODULE DE COLLISION POUR UN VEHICULE FERROVIAIRE**  
[72] GRAF, RICHARD, AT  
[72] NEDELIK, ROBERT, AT  
[72] SEITZBERGER, MARKUS, AT  
[73] SIEMENS AG OSTERREICH, AT  
[85] 2010-03-18  
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[30] AT (A1472/2007) 2007-09-20

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[13] C

[51] **Int.Cl. F21V 5/04 (2006.01) G02B 3/00 (2006.01) F21K 99/00 (2010.01)**  
[25] EN  
[54] **FREE-FORM LENS DESIGN TO APODIZE ILLUMINANCE DISTRIBUTION**  
[54] **LENTILLE AUX FORMES IRREGULIERES POUR APODISER LA REPARTITION DE L'ECLAIREMENT**  
[72] LEE, JUNWON, US  
[73] OSRAM SYLVANIA INC., US  
[86] (2700790)  
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[22] 2010-04-16  
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[30] US (12/712,610) 2010-02-25

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[13] C

[51] **Int.Cl. G07C 13/00 (2006.01)**  
[25] EN  
[54] **BALLOT PROCESSING SYSTEM**  
[54] **SYSTEME DE TRAITEMENT DES SCRUTINS**  
[72] DVORAK, MIKE, US  
[72] BAUMERT, DEAN, US  
[73] ELECTION SYSTEMS & SOFTWARE, LLC, US  
[86] (2701273)  
[87] (2701273)  
[22] 2010-04-21  
[30] US (61/228,825) 2009-07-27  
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[11] **2,703,021**  
[13] C

[51] **Int.Cl. B01J 31/18 (2006.01) B01J 31/14 (2006.01) C07C 2/36 (2006.01) C07F 9/46 (2006.01)**  
[25] EN  
[54] **CATALYST COMPOSITION AND PROCESS FOR OLIGOMERIZATION OF ETHYLENE**  
[54] **COMPOSITION DE CATALYSEUR ET PROCEDE D'OLIGOMERISATION D'ETHYLENE**  
[72] ALIYEV, VUGAR, SA  
[72] AL-HAZMI, MOHAMMED HASSAN, SA  
[72] MOSA, FUAD, SA  
[72] FRITZ, PETER M., DE  
[72] BOLT, HEINZ, DE  
[72] WOHL, ANINA, DE  
[72] MULLER, WOLFGANG, DE  
[72] WINKLER, FLORIAN, DE  
[72] WELLENHOFER, ANTON, DE  
[72] ROSENTHAL, UWE, DE  
[72] MULLER, BERND H., DE  
[72] HAPKE, MARKO, DE  
[72] PEULECKE, NORMEN, DE  
[73] LINDE AG, DE  
[73] SAUDI BASIC INDUSTRIES CORPORATION, SA  
[85] 2010-04-16  
[86] 2008-11-05 (PCT/EP2008/009305)  
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[30] EP (07023013.1) 2007-11-28

[11] **2,704,267**  
[13] C

[51] **Int.Cl. A23G 4/18 (2006.01) A23G 3/50 (2006.01)**  
[25] EN  
[54] **PARTICULATE COATING PROCESSING**  
[54] **PROCEDE D'ENROBAGE A PARTICULES**  
[72] JARRARD, MARK, US  
[72] COTTEN, GERALD, US  
[72] ELEJALDE, CESAR, US  
[72] KUNCEWITCH, THOMAS, US  
[72] LUZNIAK, FRANK, US  
[73] INTERCONTINENTAL GREAT BRANDS LLC, US  
[85] 2010-04-29  
[86] 2008-11-25 (PCT/US2008/084674)  
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[54] **ELECTRO-HYDRAULIC ACTUATOR FOR CONTROLLING THE PITCH OF A BLADE OF A WIND TURBINE**  
[54] **ACTIONNEUR ELECTROHYDRAULIQUE POUR LA COMMANDE DU PAS D'UNE PALE D'UNE EOLIENNE**  
[72] GEIGER, DAVID, US  
[73] MOOG INC., US  
[85] 2010-05-06  
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[13] C

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[25] EN  
[54] **SYSTEM AND METHOD FOR IMAGE EDITING OF ELECTRONIC PRODUCT DESIGN**  
[54] **SYSTEME ET PROCEDE POUR EDITER L'IMAGE D'UNE CONCEPTION DE PRODUIT ELECTRONIQUE**  
[72] STEVENSON, MARTIJN, US  
[73] VISTAPRINT TECHNOLOGIES LIMITED, BM  
[85] 2010-05-13  
[86] 2008-12-08 (PCT/US2008/085835)  
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[25] EN  
[54] **AUTOMATIC POLARITY IDENTIFICATION DEVICE**  
[54] **DISPOSITIF D'INDICATION AUTOMATIQUE DE LA POLARITE**  
[72] FAN, YEPING, CN  
[72] JIANG, ZHILIANG, CN  
[72] MA, WEILING, CN  
[72] ZHANG, ZHONGREN, CN  
[73] SHANGHAI GUANGWEI ELECTRIC & TOOLS CO., LTD., CN  
[73] SHANGHAI POWER STATION CO., LTD., CN  
[73] SHANGHAI GREATWAY TOP POWER CO., LTD., CN  
[85] 2010-06-09  
[86] 2009-11-23 (PCT/CN2009/075092)  
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[54] **THERMOREVERSIBLY CROSSLINKED ELASTIC BITUMINOUS COMPOSITION**  
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[72] DREESSEN, SYLVIA, FR  
[72] BOUTEILLER, LAURENT, FR  
[72] BUGNET, EMMANUELLE, FR  
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[72] DHAVAMANI, D., IN  
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[54] **METHODS AND APPARATUS FOR INTRA-USER QUALITY OF SERVICE UPLINK SCHEDULING**  
[54] **PROCEDES ET APPAREIL POUR LA QUALITE INTRA-UTILISATEUR DE LA PROGRAMMATION DE LIAISON MONTANTE DE SERVICE**  
[72] CHIN, TOM, US  
[72] LEE, KUO-CHUN, US  
[72] LEE, CHUN WOO, US  
[72] PARK, JONG RO, US  
[73] QUALCOMM INCORPORATED, US  
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[54] **APPAREIL ET PROCEDE POUR OPERATION DANS LES REGIMES D'ECOULEMENT LAMINAIRE, TRANSITOIRE ET TURBULENT**

[72] ESTRADA, HERBERT, US

[72] BROWN, GREGOR J., GB

[72] AUGENSTEIN, DONALD R., US

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[54] **METHOD AND APPARATUS FOR RECEIVING FINE-GRAINED TO COARSE-GRAINED SOLIDS FROM A VESSEL AND TRANSFERRING THEM TO A HIGHER-PRESSURE SYSTEM**

[54] **PROCEDE ET DISPOSITIF POUR LA RECEPTION ET LE TRANSFERT DE MATIERES SOLIDES EN GRAINS FINS A GROSSIERS D'UN RECIPIENT VERS UN SYSTEME A PRESSION PLUS ELEVEE**

[72] HAMEL, STEFAN, DE

[72] KOWOLL, JOHANNES, DE

[72] KUSKE, EBERHARD, DE

[73] THYSSENKRUPP UHDE GMBH, DE

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[54] **CONTAMINANT RESISTANT COATING FABRICATION STRUCTURE AND METHOD**

[54] **STRUCTURE ET METHODE DE FABRICATION DE REVETEMENT RESISTANT AUX CONTAMINANTS**

[72] PARK, SHAWN, US

[72] BELK, JOHN, US

[73] THE BOEING COMPANY, US

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[54] **AN ANTI-CD6 MONOCLONAL ANTIBODY AND USE THEREOF**

[54] **ANTICORPS MONOCLONAL ET PROCEDE CORRESPONDANT**

[72] MELARKODE, RAMAKRISHNAN, IN

[72] NAIR, PRADIP, IN

[72] RAJKUMAR, SUNDARAJ DAVID, IN

[72] SASTRY, KEDARNATH NANJUND, IN

[72] CHATTERJI, MONALISA, IN

[72] ADHIKARY, LAXMI, IN

[72] BALASUBRAMANIAN, HEMA, IN

[72] CASIMIRO, JOSE ENRIQUE MONTERO, CU

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[72] RODRIGUEZ, ROLANDO PEREZ, CU

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[54] **PROCEDE DE FABRICATION DE TUYAUX EN BETON ET SYSTEME DE TUYAUTERIE EN BETON**

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[54] **PROTECTION DE BORD DE FERMETURE PAR L'INTERMEDIAIRE D'UN METAL REVETU DE POLYMERE**

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[73] CROWN PACKAGING TECHNOLOGY, INC., US

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[54] **RACCORD RADIAL A QUATRE BRANCHES**

[72] SIAS, STANLEY K., US

[73] SIMPSON STRONG-TIE COMPANY, INC., US

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[54] **METHODE ET DISPOSITIF DE GESTION DES DONNEES D'APPLICATION DANS LA MEMOIRE CACHE PARTAGEE D'UN DISPOSITIF ELECTRONIQUE MOBILE**  
[72] AGGARWAL, ANKUR, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2720805)  
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[54] **UTILISATION D'ENERGIE DE VIBRATION POUR LA PRODUCTION DE CONFISERIE EN GELEE**  
[72] KRNIC, PETER, AU  
[72] TRUMAN, PAUL, AU  
[72] BATES, DARREN, AU  
[72] VILKHU, KAMALJIT SINGH, AU  
[72] SIMONS, LLOYD KENNETH, AU  
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[54] **ADAPTEUR DE CONNECTEUR OPTIQUE AYANT UNE EXCELLENTE RESISTANCE A LA POUSSIERE**  
[72] KOREEDA, YUICHI, ZZ  
[72] KATAGIYAMA, NAOKI, ZZ  
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP  
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[72] ZHANG, WEIHAN, CN  
[72] YAN, XIAOQIANG, CN  
[72] CUI, YUMIN, CN  
[72] REN, YONGXIN, CN  
[72] DUAN, JIFENG, CN  
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[54] **PROCEDE D'ELABORATION D'ETHYLENE-GLYCOL A PARTIR DE CELLULOSE**  
[72] ZHANG, TAO, CN  
[72] ZHENG, MINGYUAN, CN  
[72] JI, NA, CN  
[72] WANG, AIQIN, CN  
[72] SHU, YUYING, CN  
[72] WANG, HUI, CN  
[72] WANG, XIAODONG, CN  
[72] CHEN, JINGGUANG, CN  
[73] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN  
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[54] **ACCESS AND CONTROL SYSTEM FOR NETWORK-ENABLED DEVICES**  
[54] **SYSTEME D'ACCES ET DE COMMANDE POUR DISPOSITIFS ACTIVES PAR RESEAU**  
[72] HESSELINK, LAMBERTUS, US  
[72] RIZAL, DHARMARUS, US  
[72] BJORNSON, ERIC S., US  
[73] WESTERN DIGITAL TECHNOLOGIES, INC., US  
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[54] **OUTIL ELECTROPORTATIF MECANISE A DEUX MANCHES**

[72] PELLENC, ROGER, FR

[73] PELLENC (SOCIETE ANONYME), FR

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[51] **Int.Cl. H03B 28/00 (2006.01) G06F 1/02 (2006.01)**

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[54] **HIGHLY PRECISE AND LOW LEVEL SIGNAL-GENERATING DRIVERS, SYSTEMS, AND METHODS OF USE**

[54] **PILOTES DE GENERATION DE SIGNAL EXTREMEMENT PRECIS ET A BAS NIVEAU, SYSTEMES ET PROCEDES D'UTILISATION**

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[72] SCHOONOVER, DALE, US

[72] BRASWELL, ALLEN, JR., US

[73] APPLIED MAGNETICS, LLC, US

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[54] **METHOD FOR ENCODING A SYMBOL USING SUBSYMBOLS AND MULTIPLE CODEBOOKS**

[54] **PROCEDE POUR ENCODER UN SYMBOLE AU MOYEN DE SOUS-SYMBOLS ET DE LIVRES DE CODES MULTIPLES**

[72] MULTRUS, MARKUS, DE

[72] RETTELBACH, NIKOLAUS, DE

[72] BAYER, STEFAN, DE

[72] GRILL, BERNHARD, DE

[72] JANDER, MANUEL, DE

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[54] **SUMP ASSEMBLY FOR A DISHWASHER, AND ASSOCIATED METHOD**

[54] **ENSEMBLE DE PUISARD POUR LAVE-VAISSELLE ET PROCEDE ASSOCIE**

[72] VERMA, ASHISH A., US

[72] MABERY, RANDALL S., US

[72] NELSON, JEFFREY E., US

[72] FRANCISCO, VIRGIL J., US

[72] MONTGOMERY, MARK D., US

[73] ELECTROLUX HOME PRODUCTS, INC., US

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[51] **Int.Cl. E04G 21/12 (2006.01)**

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[54] **DEVICE AND METHOD FOR CONTROLLING A PRESTRESSING JACK WHEN TENSIONING A TENDON**

[54] **DISPOSITIF ET PROCEDE POUR COMMANDER UN VERIN DE MISE SOUS TENSION LORS DE LA MISE SOUS TENSION D'UN ORGANE DE TENSION**

[72] STEIDINGER, PETER, DE

[72] NUETZEL, OSWALD, DE

[72] KEINER, HAGEN, DE

[73] DYWIDAG-SYSTEMS INTERNATIONAL GMBH, DE

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[13] C

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[54] **METHOD FOR PRODUCING A STEEL STRIP HAVING A DUAL-PHASE MICROSTRUCTURE**

[54] **PROCEDE DE FABRICATION DE SEMI-PRODUIT, EN PARTICULIER DE RUBAN D'ACIER, A STRUCTURE BIPHASEE**

[72] KLINKENBERG, CHRISTIAN, DE

[72] BILGEN, CHRISTIAN, DE

[73] SMS SIEMAG AKTIENGESELLSCHAFT, DE

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[54] **COMMUNICATION APPARATUS, TRANSMISSION DATA GENERATION PROGRAM AND TRANSMISSION DATA GENERATION METHOD**

[54] **DISPOSITIF DE COMMUNICATION, PROGRAMME DE GENERATION DE DONNEES D'EMISSION, ET PROCEDE DE GENERATION DE DONNEES D'EMISSION**

[72] SHINOHARA, CHIAKI, JP  
[72] OBUCHI, KAZUHISA, JP  
[72] OTONARI, AKIHIDE, JP  
[72] SOEJIMA, YOSHINORI, JP  
[72] KUBOTA, MANABU, JP  
[72] YAMASAKI, MIKI, JP  
[72] OKAMOTO, SHINYA, JP  
[73] FUJITSU LIMITED, JP  
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[54] **DIRT CUP ASSEMBLY WITH A PRE-FILTER HAVING A PLURALITY OF RIBS**

[54] **VIDE-POUSSIÈRE MUNI D'UN PREFILTRE A NERVURES**

[72] MUHLENKAMP, ERIC E., US  
[72] REYNOLDS, JOE M., US  
[72] RONEY, JEFFREY T., US  
[73] PANASONIC CORPORATION OF NORTH AMERICA, US  
[86] (2733482)  
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[54] **RESEAU EN CASCADE DEMANTELE POUR GENERER ET DEPLACER DES AMAS DE PLASMA POUR UNE REGULATION D'ECOULEMENT D'AIR ACTIVE**

[72] KHOZIKOV, VYACHESLAV, US  
[72] LIU, SHENGYI, US  
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[13] C

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01)**

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[54] **SYSTEM AND METHOD FOR GESTURE DETECTION AND FEEDBACK**

[54] **SYSTEME ET PROCEDE DE DETECTION DU MOUVEMENT ET RETROACTION**

[72] GARDENFORS, DAN, SE  
[72] JOHANSSON, KARL-ANDERS, SE  
[72] HALIBURTON, JAMES, US  
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[51] **Int.Cl. B23P 6/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SEALING VACUUM IN HOLLOW FAN BLADES**

[54] **SYSTEME ET PROCEDE POUR ETANCHEIFIER SOUS VIDE L'INTERIEUR DE PALES DE VENTILATEUR CREUSES**

[72] KRAUSE, GREGORY THOMAS, US  
[73] ROLLS-ROYCE CORPORATION, US  
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[30] US (61/190,940) 2008-09-04  
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[54] **PROCEDE D'APPORT DE REFRIGERATION A SEPARATION D'AIR**

[72] HOWARD, HENRY EDWARD, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[85] 2011-03-04  
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[13] C

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[54] **RESEAUX DE TRAITEMENT DE MICROSYSTEMES**

[72] WEGENG, ROBERT S., US  
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[73] BATTELLE MEMORIAL INSTITUTE, US  
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[51] **Int.Cl. H04W 60/04 (2009.01) H04W 36/00 (2009.01) H04W 88/06 (2009.01)**

[25] EN

[54] **MOBILE STATION**  
[54] **STATION MOBILE**

[72] TANAKA, ITSUMA, JP  
[72] KATO, YASUHIRO, JP  
[72] KANAUCHI, MASASHI, JP  
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[73] NTT DOCOMO, INC., JP  
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[13] C

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[54] **IMPRIME EMPECHANT LA CONTREFACON**

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[72] KIMURA, TOSHIHIRO, JP  
[72] MATSUMOTO, YOSHINOBU, JP  
[72] YONEYAMA, KENICHIRO, JP  
[73] NATIONAL PRINTING BUREAU, INCORPORATED  
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[54] **"SMART" RF OVER GLASS (RFOG) CPE UNIT WITH SEAMLESS PON UPGRADE CAPABILITY**

[54] **UNITE CPE RFOG (RADIOFREQUENCE SUR FIBRE OPTIQUE) « INTELLIGENTE » AVEC CAPACITE DE MISE A NIVEAU HARMONIEUSE DU PON**

[72] MYSORE, SUDHESH, US  
[72] BARKER, CHARLES, US  
[72] SNIETZKO, OLEH, US  
[72] PRADZYNSKI, KRZYSZTOF, US  
[73] AURORA NETWORK, INC., US  
[85] 2011-04-08  
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[54] **REGULATOR WITH OUTPUT LIMITING SECTION**

[54] **REGULATEUR POURVU D'UNE SECTION DE LIMITATION DE SORTIE**

[72] YOSHIKAWA, HIROSHI, JP  
[73] MITSUBISHI ELECTRIC CORPORATION, JP  
[85] 2011-04-07  
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[54] **LASER LIGHT SOURCE DEVICE**

[54] **DISPOSITIF SOURCE DE LUMIERE LASER**

[72] YANAGISAWA, TAKAYUKI, JP  
[72] INOUE, YOKO, JP  
[72] SAWANAKA, TOMOHIKO, JP  
[73] MITSUBISHI ELECTRIC CORPORATION, JP  
[86] (2740510)  
[87] (2740510)  
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[54] **ADJUSTABLE HEADREST ASSEMBLY FOR FURNITURE MEMBER**

[54] **ENSEMBLE APPUI-TETE REGLABLE POUR ELEMENT DE MEUBLE**

[72] LAPOINTE, LARRY P., US  
[72] ADAMS, CHAD EDWARD, US  
[72] MCCLUNG, MARK D., US  
[73] LA-Z-BOY INCORPORATED, US  
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[54] **TRITERPENOID 2-DEOXY GLYCOSIDES, METHOD OF PREPARATION THEREOF AND USE THEREOF AS MEDICAMENTS**

[54] **2-DESOXY GLYCOSIDES TRITERPENOIDES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**

[72] SAREK, JAN, CZ  
[72] SPACILOVA, PAVLA, CZ  
[72] HAJDUCH, MARIAN, CZ  
[73] UNIVERZITA PALACKEHO V OLOMOUCI, CZ  
[85] 2011-04-19  
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[54] **FLEXIBLE CARRIER MOLD**  
[54] **MOULE SUPPORT SOUPLE**  
[72] HUBBARD, WADE MONROE, JR.,  
US  
[72] STRONG, KEVIN CHARLES, US  
[72] MERS-KELLY, MICHAEL JOHN, US  
[72] WIEGELE, DANIEL RAYMOND, US  
[73] THE PROCTER & GAMBLE  
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[54] **MOULE SUPPORT**  
[72] HUBBARD, WADE MONROE, JR.,  
US  
[72] STRONG, KEVIN CHARLES, US  
[72] MERS-KELLY, MICHAEL JOHN, US  
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[25] EN  
[54] **REQUEST ROUTING AND  
UPDATING ROUTING  
INFORMATION UTILIZING  
CLIENT LOCATION  
INFORMATION**  
[54] **ACHEMINEMENT DE REQUETES  
ET MISE A JOUR  
D'INFORMATIONS  
D'ACHEMINEMENT A L'AIDE  
DES INFORMATIONS  
D'EMPLACEMENT DU CLIENT**  
[72] RICHARDSON, DAVID R., US  
[72] MARSHALL, BRADLEY E., US  
[72] SIVASUBRAMANIAN,  
SWAMINATHAN, US  
[72] CORMIE, JOHN, US  
[72] PATEL, IMRAN S., US  
[72] REDMAN, BENJAMIN W.S., US  
[72] SHEEHAN, RICHARD A., US  
[73] AMAZON TECHNOLOGIES, INC.,  
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[25] EN  
[54] **ELECTRIC TOOTHBRUSH AND  
BRUSH HEAD FOR AN ELECTRIC  
TOOTHBRUSH**  
[54] **BROSSE A DENTS ELECTRIQUE  
ET TETE DE BROSSE A DENTS  
ELECTRIQUE**  
[72] DRIESEN, GEORGES, DE  
[72] SCHMID, MICHAEL, DE  
[72] SCHAEFER, NORBERT, DE  
[72] REICK, HANSJOERG, US  
[72] SCHAMBERG, STEFAN, DE  
[72] THURNAY, EVA SUSANNE, DE  
[72] MC GARRY, RORY, DE  
[73] BRAUN GMBH, DE  
[85] 2011-05-04  
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[25] EN  
[54] **ALARM IDENTIFICATION  
SYSTEM FOR INFUSION SET  
WHEN INSTALLED IN PUMP  
ASSEMBLY**  
[54] **SYSTEME D'IDENTIFICATION  
D'ALARME POUR UN ENSEMBLE  
DE PERFUSION INSTALLE DANS  
UN ENSEMBLE POMPE**  
[72] THOMPSON, LOREN M., US  
[72] VOLTENBURG, ROBERT R., JR., US  
[73] CURLIN MEDICAL INC., US  
[85] 2011-05-06  
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(2006.01) C07D 417/14 (2006.01)  
C07D 471/04 (2006.01)**  
[25] EN  
[54] **PYRAZINE COMPOUNDS AS  
PHOSPHODIESTERASE 10  
INHIBITORS**  
[54] **COMPOSES DE PYRAZINE  
COMME INHIBITEURS DE  
PHOSPHODIESTERASE 10**  
[72] ALLEN, JENNIFER R., US  
[72] BOURBEAU, MATTHEW P., US  
[72] CHEN, NING, US  
[72] HU, ESSA, US  
[72] KUNZ, ROXANNE, US  
[72] RUMFELT, SHANNON, US  
[73] AMGEN INC., US  
[85] 2011-05-06  
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[54] **PROCESS FOR PRODUCING CHLORINE WITH LOW BROMINE CONTENT**

[54] **PROCEDE DE PRODUCTION DE CHLORE A FAIBLE TENEUR EN BROME**

[72] OMELCHENKO, YURI  
ALEXEEVICH, CA

[72] LIPSZTAJN, MAREK, CA

[72] DLUZNIEWSKI, TOMASZ JERZY, CA

[73] SUPERIOR PLUS LP, CA

[86] (2744239)

[87] (2744239)

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[25] EN

[54] **LIQUID COMPOSITION CONTAINING PHOSPHORIC OR THIOPHOSPHORIC TRIAMIDE DERIVATIVE AND USE THEREOF**

[54] **COMPOSITION LIQUIDE CONTENANT UN DERIVE DE TRIAMIDE PHOSPHORIQUE OU THIOPHOSPHORIQUE ET SON UTILISATION**

[72] CIGLER, PETR, CZ

[73] AGRA GROUP, A.S., CZ

[85] 2011-06-02

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[87] (WO2010/072184)

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[51] **Int.Cl. H05B 37/00 (2006.01) H05B 37/02 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR DRIVING LEDS**

[54] **COMMANDE DE DIODES ELECTROLUMINESCENTES**

[72] WEE, KAI FOOK FRANCIS, SG

[72] STONA, ANDREA, IT

[72] GROPPI, LEOPOLDO, IT

[72] MAN, KWOK WING, CN

[72] CHONG, FOO WING, MY

[73] OPULENT ELECTRONICS INTERNATIONAL PTE LTD., SG

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[54] **SYSTEM AND METHOD FOR RESOURCE ALLOCATION**

[54] **SYSTEME ET PROCEDE D'ALLOCATION DE RESSOURCES**

[72] CAI, ZHIJUN, US

[72] WOMACK, JAMES EARL, US

[72] YU, YI, US

[73] BLACKBERRY LIMITED, CA

[85] 2011-06-17

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[25] EN

[54] **SPRING LEAF AND OVERRUNNING CLUTCH PROVIDED WITH THE SAME**

[54] **LAME DE RESSORT ET EMBRAYAGE A ROUE LIBRE EQUIPE DE CETTE LAME DE RESSORT**

[72] ZHOU, XUEGANG, CN

[72] XUE, QING, CN

[72] SHI, JIANWEI, CN

[73] JIANG SU NAN FANG BEARING CO., LTD., CN

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[25] EN

[54] **MULTI-LAYER PAPERMAKER'S FORMING FABRIC WITH PAIRED MD BINDING YARNS**

[54] **TOILE DE FABRICATION DE PAPERIE MULTICOUCHE AVEC FILS DE LIAISON EN PAIRE DANS LE SENS DE LA MACHINE**

[72] WARD, KEVIN JOHN, CA

[73] WEAVEXX, LLC, US

[85] 2011-07-20

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[54] **SYSTEM AND METHOD FOR INITIAL ACCESS TO RELAYS**  
[54] **SYSTEME ET PROCEDE D'ACCES INITIAL A DES RELAIS**  
[72] WOMACK, JAMES EARL, US  
[72] CAI, ZHIJUN, US  
[72] YU, YI, US  
[73] BLACKBERRY LIMITED, CA  
[85] 2011-06-16  
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[54] **BODY PROTECTIVE CLOTHING**  
[54] **VETEMENT DE PROTECTION DU CORPS**  
[72] PEDEVILLA, PATRICK, IT  
[73] PEDEVILLA, PATRICK, IT  
[85] 2011-08-09  
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[13] C

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[25] EN  
[54] **METHODS AND APPARATUS TO AUDIBLY PROVIDE MESSAGES IN A MOBILE DEVICE**  
[54] **PROCEDES ET APPAREIL POUR EMETTRE DES MESSAGES AUDIBLES PAR LE TRUCHEMENT D'UN DISPOSITIF MOBILE**  
[72] HYMEL, JAMES ALLEN, CA  
[72] LINDNER, JEFFERY ERHARD, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2752410)  
[87] (2752410)  
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[13] C

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[25] EN  
[54] **SERVICE SPACE FOR A RETRACTABLE PROPULSION DEVICE OR CORRESPONDING**  
[54] **ESPACE DE SERVICE POUR DISPOSITIF DE PROPULSION RETRACTABLE OU CORRESPONDANT**  
[72] HOERKKOE, TUIJA, FI  
[72] RINTALA, TIMO, FI  
[72] KORTE, TOMMI, FI  
[72] SUUTARI, JUHANI, FI  
[73] BEACON FINLAND LTD OY, FI  
[85] 2011-09-01  
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[13] C

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[25] EN  
[54] **HIGH TEMPERATURE LITHIUM BATTERY, HAVING INITIAL LOW TEMPERATURE USE CAPABILITY**  
[54] **BATTERIE AU LITHIUM HAUTE TEMPERATURE, AYANT UNE CAPACITE D'UTILISATION INITIALE A BASSE TEMPERATURE**  
[72] MARSHALL, RICHARD J., CA  
[72] YETMAN, ROBERT, US  
[73] ENGINEERED POWER LTD., CA  
[86] (2755597)  
[87] (2755597)  
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[25] EN  
[54] **ELECTROCOATING COMPOSITION COMPRISING A CRATER CONTROL ADDITIVE**  
[54] **COMPOSITION D'ELECTRO-REVETEMENT COMPRENANT UN ADDITIF PERMETTANT D'EVITER LA FORMATION DE CRATERE**  
[72] VAN BUSKIRK, ELLOR JAMES, US  
[72] KAYLO, ALAN J., US  
[72] SANDALA, MICHAEL G., US  
[72] SINGER, DEBRA L., US  
[72] KABAGAMBE, BENJAMIN, US  
[72] SWANGER, JOSEPH R., JR., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 2011-09-16  
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[11] **2,755,857**  
[13] C

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[25] EN  
[54] **HIGH VOLTAGE SUPPLY TO INCREASE RISE TIME OF CURRENT THROUGH LIGHT SOURCE IN AN OPTICAL SENSOR SYSTEM**  
[54] **ALIMENTATION EN TENSION ELEVEE UTILISEE POUR AUGMENTER LE TEMPS DE MONTEE DU COURANT A TRAVERS UNE SOURCE LUMINEUSE DANS UN SYSTEME DE CAPTEUR**  
[72] MADHANI, VIPIN, US  
[72] ADAMSKY, ALAN, US  
[73] OSRAM SYLVANIA INC., US  
[85] 2011-09-16  
[86] 2010-02-19 (PCT/US2010/024761)  
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[54] **VENETIAN BLIND SYSTEM**  
[54] **SYSTEME DE STORE VENITIEN**  
[72] O'HAIR, TREY BRANT, US  
[73] BASILEIA INVESTMENTS, INC., US  
[86] (2756314)  
[87] (2756314)  
[22] 2011-10-26  
[30] US (12/912,362) 2010-10-26

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[13] C

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[25] EN  
[54] **CONTROLLED GEOMETRY COMPOSITE MICRO PELLETS FOR USE IN COMPRESSION MOLDING**  
[54] **MICROPASTILLES COMPOSITES A GEOMETRIE CONTROLEE DESTINEES A ETRE UTILISEES EN MOULAGE PAR COMPRESSION**  
[72] ALVAREZ, EDUARDO, US  
[72] MUELLER, BRIAN L., US  
[72] WEISHALLA, BRETT A., US  
[73] MILLER WASTE MILLS D/B/A RTP COMPANY, US  
[85] 2011-09-23  
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[54] **FLOW-CONTROL VALVE**  
[54] **REGULATEUR DE DEBIT**  
[72] LOEFFLER, GERHARD, DE  
[72] BRAMBRING, STEFAN, DE  
[73] OVENTROP GMBH & CO. KG, DE  
[86] (2756979)  
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[25] EN  
[54] **VEHICLE SEAT ASSEMBLY**  
[54] **ENSEMBLE SIEGE POUR VEHICULE**  
[72] DECRAENE, JAMES E., US  
[72] WELLS, JEFFRY H., US  
[73] E.V.S. LTD., US  
[85] 2011-09-30  
[86] 2010-04-01 (PCT/US2010/029570)  
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[30] US (61/165,598) 2009-04-01  
[30] US (61/309,185) 2010-03-01

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[13] C

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[25] EN  
[54] **INHIBITORS OF BACTERIAL TYPE III SECRETION SYSTEM**  
[54] **INHIBITEURS DU SYSTEME DE SECRETION DE TYPE III BACTERIEN**  
[72] MOIR, DONALD T., US  
[72] AIELLO, DANIEL, US  
[72] PEET, NORTON P., US  
[72] WILLIAMS, JOHN D., US  
[73] MICROBIOTIX, INC., US  
[85] 2011-10-03  
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[87] (WO2010/118046)  
[30] US (61/212,021) 2009-04-06  
[30] US (61/304,305) 2010-02-12  
[30] US (61/304,978) 2010-02-16

[11] **2,757,609**  
[13] C

[51] **Int.Cl. F24F 11/04 (2006.01) F24D 19/10 (2006.01) F24F 7/00 (2006.01) G05D 23/19 (2006.01)**  
[25] EN  
[54] **CONTROL FOR AIR HANDLER**  
[54] **COMMANDE POUR UN DISPOSITIF DE TRAITEMENT DE L'AIR**  
[72] SODERLUND, ERNEST E., US  
[73] BRAEBURN SYSTEMS LLC, US  
[86] (2757609)  
[87] (2757609)  
[22] 2011-11-07  
[30] US (13/243358) 2011-09-23  
[30] US (61/414260) 2010-11-16

[11] **2,757,843**  
[13] C

[51] **Int.Cl. B41L 47/24 (2006.01) B41J 11/00 (2006.01) B41J 29/00 (2006.01) B41L 21/00 (2006.01) G07B 17/00 (2006.01)**  
[25] EN  
[54] **PRINTING APPARATUS HAVING A TRANSPORT BELT OF A TRANSPORT UNIT, GUIDING MEANS, PRESSURE MODULE AND A DEVICE TO LOWER, POSITION AND RAISE PRESSURE ELEMENTS OF SAID PRESSURE MODULE**  
[54] **DISPOSITIF D'IMPRESSON COMPORTANT UNE COURROIE DE TRANSPORT D'UNE UNITE DE TRANSPORT, UN MOYEN DE GUIDAGE, UN MODULE DE PRESSION ET UN DISPOSITIF POUR ABAISSER, POSITIONNER ET SOULEVER DES ELEMENTS DE PRESSION DUDIT MODULE DE PRESSION**  
[72] ORTMANN, AXEL, DE  
[72] MUHL, WOLFGANG, DE  
[72] WOELM, DIETER, DE  
[73] FRANCO TYP-POSTALIA GMBH, DE  
[86] (2757843)  
[87] (2757843)  
[22] 2011-11-10  
[30] DE (20 2010 015 351.4) 2010-11-11

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[11] **2,757,987**  
[13] C

[51] **Int.Cl. H04N 5/30 (2006.01) H04N 5/335 (2011.01)**

[25] EN

[54] **ADJUSTING IMAGE SHARPNESS DURING DIGITAL ZOOM PHOTOGRAPHY**

[54] **AJUSTEMENT DE LA NETTETE D'IMAGE DURANT LA PRISE DE PHOTOGRAPHIES AU ZOOM NUMERIQUE**

[72] HONG, SUNG HO, CA

[72] RODRIGUEZ, MIGUEL, US

[73] BLACKBERRY LIMITED, CA

[85] 2011-10-05

[86] 2010-06-23 (PCT/CA2010/000976)

[87] (WO2010/148505)

[30] US (61/219,651) 2009-06-23

[30] US (61/219,645) 2009-06-23

[30] US (61/219,656) 2009-06-23

[30] EP (10166709.5) 2010-06-21

[30] US (12/819,611) 2010-06-21

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[11] **2,758,466**  
[13] C

[51] **Int.Cl. B64D 33/00 (2006.01) B64D 35/00 (2006.01) F02C 6/20 (2006.01) F02C 7/36 (2006.01)**

[25] EN

[54] **AIRCRAFT, PROPULSION SYSTEM, AND SYSTEM FOR TAXIING AN AIRCRAFT**

[54] **AERONEF, SYSTEME DE PROPULSION ET SYSTEME POUR LE ROULAGE D'UN AERONEF**

[72] BURNS, DONALD, US

[72] RAJASHEKARA, KAUSHIK, US

[73] ROLLS-ROYCE CORPORATION, US

[86] (2758466)

[87] (2758466)

[22] 2011-11-16

[30] US (12/947,451) 2010-11-16

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[11] **2,758,897**  
[13] C

[51] **Int.Cl. G08B 23/00 (2006.01) G06F 3/16 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR GENERATING A SUBLIMINAL ALERT**

[54] **METHODE ET APPAREIL DE PRODUCTION D'UNE ALERTE SUBLIMINALE**

[72] LADOUCEUR, NORMAN MINER, CA

[72] GRIFFIN, JASON TYLER, CA

[73] BLACKBERRY LIMITED, CA

[86] (2758897)

[87] (2758897)

[22] 2011-11-17

[30] EP (10194908.9) 2010-12-14

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[11] **2,759,381**  
[13] C

[51] **Int.Cl. B60C 13/00 (2006.01)**

[25] EN

[54] **A VEHICLE TIRE HAVING A SIDEWALL SECTION WITH A PLURALITY OF CURVED PROTRUSIONS**

[54] **PNEU DE VEHICULE DONT LE FLANC COMPORTE PLUSIEURS SAILLIES COURBEES**

[72] AHN, JAE SUNG, KR

[72] CHOI, YOON JIN, KR

[73] HANKOOK TIRE CO., LTD., KR

[86] (2759381)

[87] (2759381)

[22] 2011-11-23

[30] KR (10-2011-0069384) 2011-07-13

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[11] **2,759,530**  
[13] C

[51] **Int.Cl. C30B 29/38 (2006.01) C30B 23/02 (2006.01)**

[25] EN

[54] **APPARATUS FOR MANUFACTURING ALUMINUM NITRIDE SINGLE CRYSTAL, METHOD FOR MANUFACTURING ALUMINUM NITRIDE SINGLE CRYSTAL, AND ALUMINUM NITRIDE SINGLE CRYSTAL**

[54] **APPAREIL CONCU POUR FABRIQUER UN MONOCRISTAL DE NITRURE D'ALUMINIUM, PROCEDE DE FABRICATION DU MONOCRISTAL DE NITRURE D'ALUMINIUM, ET MONOCRISTAL DE NITRURE D'ALUMINIUM**

[72] KATOU, TOMOHISA, JP

[72] NAGAI, ICHIROU, JP

[72] MIURA, TOMONORI, JP

[72] KAMATA, HIROYUKI, JP

[73] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP

[73] FUJIKURA LTD., JP

[85] 2011-10-20

[86] 2010-04-22 (PCT/JP2010/002928)

[87] (WO2010/122801)

[30] JP (2009-106689) 2009-04-24

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[11] **2,759,660**  
[13] C

[51] **Int.Cl. H04B 7/04 (2006.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**

[25] EN

[54] **METHOD FOR TRANSMITTING CONTROL SIGNAL TO RELAY NODE AT BASE STATION IN MIMO WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR**

[54] **PROCEDE D'ENVOI DE SIGNAL DE COMMANDE A NŃUD DE RELAIS AU NIVEAU DE STATION DE BASE DANS SYSTEME DE COMMUNICATION SANS FIL MIMO ET APPAREIL CORRESPONDANT**

[72] KIM, HAKSEONG, KR  
[72] LEE, DAEWON, KR  
[72] SEO, HANBYUL, KR  
[72] CHOI, YOUNGSEOB, KR  
[72] KIM, KIJUN, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2011-08-15  
[86] 2011-01-28 (PCT/KR2011/000614)  
[87] (WO2011/093671)  
[30] US (61/299,325) 2010-01-28  
[30] US (61/300,820) 2010-02-02  
[30] US (61/349,796) 2010-05-28  
[30] US (61/352,376) 2010-06-07  
[30] US (61/353,199) 2010-06-09  
[30] US (61/356,028) 2010-06-17  
[30] US (61/392,923) 2010-10-13  
[30] KR (10-2011-0004024) 2011-01-14

[11] **2,760,028**  
[13] C

[51] **Int.Cl. H04W 16/26 (2009.01) H04W 36/06 (2009.01) H04W 92/16 (2009.01)**

[25] EN

[54] **MOBILE COMMUNICATION SYSTEM**

[54] **SYSTEME DE COMMUNICATION MOBILE**

[72] HAPSARI, WURI ANDARMAWANTI, JP  
[72] TAKAHASHI, HIDEAKI, JP  
[72] UMESH, ANIL, JP  
[72] IWAMURA, MIKIO, JP  
[72] ISHII, MINAMI, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2011-10-26  
[86] 2010-04-21 (PCT/JP2010/057086)  
[87] (WO2010/125957)  
[30] JP (2009-108565) 2009-04-27

[11] **2,761,432**  
[13] C

[51] **Int.Cl. A61C 17/22 (2006.01) A61B 15/00 (2006.01)**

[25] EN

[54] **PERSONAL CARE SYSTEMS, PRODUCTS, AND METHODS**

[54] **SYSTEMES, PRODUITS ET METHODES DE SOIN PERSONNEL**

[72] ORTINS, MARC PHILIP, US  
[72] CHENVAINU, ALEX TIMOTHY, US  
[72] FARRELL, MARK EDWARD, US  
[72] WENZEL, LIESBETH, US  
[72] DECASTRO, JOSE TADEO VERGARA, US  
[73] THE GILLETTE COMPANY, US  
[85] 2011-11-08  
[86] 2010-05-06 (PCT/US2010/033849)  
[87] (WO2010/129755)  
[30] US (61/176,618) 2009-05-08  
[30] US (61/180,617) 2009-05-22

[11] **2,761,845**  
[13] C

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **THIOPHENE[3,4-C]PYRROLE PDE4 MEDIATORS**

[54] **DERIVES DE THIOPHENE**

[72] ZHANG, HESHENG, CN  
[72] ZENG, GUANGHUAI, CN  
[72] GAO, YIFEI, CN  
[73] TIANJIN HEMAY BIO-TECH CO., LTD., CN  
[73] TIANJIN MICHELE SCI-TECH DEVELOPMENT CO., LTD., CN  
[85] 2011-11-14  
[86] 2010-05-14 (PCT/CN2010/072767)  
[87] (WO2010/130224)  
[30] CN (200910068831.1) 2009-05-14

[11] **2,763,476**  
[13] C

[51] **Int.Cl. F16G 11/14 (2006.01) A63B 29/02 (2006.01) F16G 11/00 (2006.01)**

[25] EN

[54] **DEVICE FOR SECURING ROPE IN MULTIPLE CONFIGURATIONS AND PROCESS OF USING THE SAME**

[54] **DISPOSITIF DE FIXATION D'UN CABLE DANS DES CONFIGURATIONS MULTIPLES ET PROCEDE D'UTILISATION DE CELUI-CI**

[72] SEADER, REX, US  
[72] CASE, RICHARD N., US  
[73] NITE IZE, INC., US  
[85] 2011-11-24  
[86] 2010-05-20 (PCT/US2010/035592)  
[87] (WO2010/138381)  
[30] US (61/217,014) 2009-05-26

[11] **2,763,666**  
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) A61L 27/60 (2006.01) A61P 17/02 (2006.01) C07K 14/47 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **KERATINOCYTES EXPRESSING EXOGENOUS ANGIOGENIC GROWTH FACTORS**

[54] **KERATINOCYTES EXPRIMANT DES FACTEURS DE CROISSANCE ANGIOGENIQUES EXOGENES**

[72] COMER, ALLEN, US  
[72] HOFFMANN, MICHEAL, US  
[72] HOFFMANN, LYNN-ALLEN, US  
[73] STRATATECH CORPORATION, US  
[86] (2763666)  
[87] (2763666)  
[22] 2003-04-29  
[62] 2,483,547  
[30] US (60/376,488) 2002-04-30  
[30] US (10/425,784) 2003-04-29

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[11] **2,764,118**  
[13] C

[51] **Int.Cl. H01F 5/00 (2006.01) H01Q 1/36 (2006.01) H01Q 21/30 (2006.01) H04B 5/00 (2006.01)**

[25] EN  
[54] **NEAR FIELD COMMUNICATION**  
[54] **COMMUNICATION EN CHAMP PROCHE**

[72] PINTO, ALEXANDRE, DK  
[72] TROELSEN, JENS, DK  
[72] HYVOENEN, LASSI, FI  
[73] NOKIA CORPORATION, FI  
[85] 2011-11-30  
[86] 2010-05-21 (PCT/FI2010/050412)  
[87] (WO2010/139851)  
[30] US (12/455,751) 2009-06-05

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[11] **2,764,720**  
[13] C

[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**

[25] EN  
[54] **FLUID COLLECTION CANISTER INCLUDING CANISTER TOP WITH FILTER MEMBRANE AND NEGATIVE PRESSURE WOUND THERAPY SYSTEMS INCLUDING SAME**

[54] **RECIPIENT DE COLLECTE DE FLUIDES COMPRENANT UN SOMMET DE RECIPIENT DOTE D'UNE MEMBRANE DE FILTRE ET SYSTEMES DE THERAPIE DE LESIONS SOUS PRESSION NEGATIVE QUI LE CONTIENNENT**

[72] WUDYKA, SCOTT, US  
[73] SMITH & NEPHEW, INC., US  
[85] 2011-12-06  
[86] 2009-06-12 (PCT/US2009/047137)  
[87] (WO2010/144089)  
[30] US (12/481,617) 2009-06-10

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[11] **2,765,253**  
[13] C

[51] **Int.Cl. H04J 99/00 (2009.01) H04W 16/28 (2009.01) H04B 7/04 (2006.01) H04J 1/00 (2006.01) H04J 3/00 (2006.01) H04J 11/00 (2006.01) H04J 13/00 (2011.01) H04L 27/01 (2006.01)**

[25] EN  
[54] **MOBILE TERMINAL APPARATUS, RADIO BASE STATION APPARATUS, AND RADIO COMMUNICATION METHOD**

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

[72] KAWAMURA, TERUO, JP  
[72] MIKI, NOBUHIKO, JP  
[72] KISHIYAMA, YOSHIHISA, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2011-12-09  
[86] 2010-06-23 (PCT/JP2010/060612)  
[87] (WO2010/150800)  
[30] JP (2009-148999) 2009-06-23

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[11] **2,766,413**  
[13] C

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

[25] EN  
[54] **METHOD AND DEVICE FOR PROGRAMMING INTER-(SUB) SYSTEM INTERFACE IDENTITY DATA AT A UNIT OR INDIVIDUAL SUSCRIBER**

[54] **PROCEDE ET DISPOSITIF PROGRAMMANT DES DONNEES D'IDENTITE D'INTERFACE D'INTER-SOUS-SYSTEME AU NIVEAU D'UNE UNITE OU D'UN ABONNE INDIVIDUEL**

[72] MILLER, TRENT J., US  
[72] PAPPAS, SCOTT J., US  
[72] POE, BRIAN R., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2011-12-21  
[86] 2010-06-22 (PCT/US2010/039400)  
[87] (WO2011/008425)  
[30] US (12/495,249) 2009-06-30

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[11] **2,766,526**  
[13] C

[51] **Int.Cl. H04B 7/26 (2006.01)**

[25] EN  
[54] **METHOD OF PERFORMING LINK ADAPTATION PROCEDURE**  
[54] **PROCEDE D'EXECUTION D'UN PROCEDE D'ADAPTATION DE LIAISON**

[72] SEOK, YONG HO, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2011-12-22  
[86] 2009-11-18 (PCT/KR2009/006776)  
[87] (WO2010/150950)  
[30] US (61/219,386) 2009-06-23  
[30] KR (10-2009-0082774) 2009-09-03

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[11] **2,767,093**  
[13] C

[51] **Int.Cl. C02F 1/40 (2006.01) C02F 1/00 (2006.01) C02F 1/52 (2006.01) C02F 9/00 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING WELL FLOW-BACK AND PRODUCED WATER OR OTHER WASTEWATER**

[54] **PROCEDE ET APPAREIL POUR TRAITER LES REFLUX DE PUITTS ET L'EAU OU LES AUTRES EAUX USEES AINSI ENGENDREES**

[72] BLY, JOSEPH M., JR., US  
[72] STACY, MELVIN O., US  
[72] PROANO, ENRIQUE M., US  
[73] TERVITA CORPORATION, CA  
[86] (2767093)  
[87] (2767093)  
[22] 2012-02-08  
[30] US (13/024,109) 2011-02-09

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[11] **2,767,402**  
[13] C

[51] **Int.Cl. A23K 1/00 (2006.01) A23K 1/18 (2006.01)**

[25] EN  
[54] **PROCESS FOR DUSTING ANIMAL FOOD**

[54] **PROCEDE POUR LE POUDRAGE D'ALIMENTS POUR ANIMAUX**

[72] CORRIGAN, PATRICK JOSEPH, US  
[72] HOUSTON, MICHELLE MARIE, US  
[72] SUNVOLD, GREGORY DEAN, US  
[73] THE IAMS COMPANY, US  
[85] 2012-01-05  
[86] 2010-07-21 (PCT/US2010/042718)  
[87] (WO2011/014391)  
[30] US (12/533,032) 2009-07-31

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[11] **2,767,643**  
[13] C

[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/92 (2006.01)**  
[25] EN  
[54] **OSTEOTOMY PLATE, PLATE DRIVER AND METHOD FOR THEIR USE**  
[54] **PLAQUE D'OSTEOTOMIE, DISPOSITIF DE COMMANDE DE PLAQUE ET PROCEDE POUR LEUR UTILISATION**  
[72] JOHNSON, JEFFREY, US  
[72] KAY, DAVID B., US  
[72] HEAVENER, JACKSON R., US  
[73] ORTHOHELIX SURGICAL DESIGNS, INC., US  
[85] 2012-01-09  
[86] 2010-07-09 (PCT/US2010/001936)  
[87] (WO2011/005327)  
[30] US (61/270,486) 2009-07-09  
[30] US (12/803,852) 2010-07-08

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[11] **2,769,499**  
[13] C

[51] **Int.Cl. B65D 75/58 (2006.01)**  
[25] EN  
[54] **EASY OPENING PACKAGING FOR LIQUID OR GEL PRODUCTS**  
[54] **EMBALLAGE A OUVERTURE FACILE POUR PRODUITS LIQUIDES OU EN GEL**  
[72] HABLUETZEL, ROLAND, CH  
[72] HENTZEL, STEPHANE, CH  
[72] MAGNIET, INES, CH  
[73] NESTEC S.A., CH  
[85] 2012-01-27  
[86] 2010-07-28 (PCT/EP2010/060954)  
[87] (WO2011/012644)  
[30] EP (09166779.0) 2009-07-29

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[11] **2,769,802**  
[13] C

[51] **Int.Cl. H04W 4/18 (2009.01) H04W 92/08 (2009.01)**  
[25] EN  
[54] **USING THE IMSI VALUE FROM THE SIM CARD DATA TO MAKE AN EXTERNAL CALL**  
[54] **UTILISATION DE LA VALEUR IMSI PROVENANT DE DONNEES D'UNE CARTE SIM POUR FAIRE UN APPEL EXTERIEUR**  
[72] CHANDAN, AKHIL, CA  
[72] AFROS, ALEXANDER, CA  
[72] LUU, LAP, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2769802)  
[87] (2769802)  
[22] 2012-02-28  
[30] US (13/036,961) 2011-02-28

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[11] **2,770,817**  
[13] C

[51] **Int.Cl. A01K 47/06 (2006.01)**  
[25] EN  
[54] **HEAT LOSS CONTROL ENTRANCE FOR BEEHIVE**  
[54] **ENTREE DE RUCHE A REGULATION DE PERTE DE CHALEUR**  
[72] BOMOK, PETER PAUL, CA  
[73] BOMOK, PETER PAUL, CA  
[86] (2770817)  
[87] (2770817)  
[22] 2012-03-08

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[11] **2,771,775**  
[13] C

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01)**  
[25] EN  
[54] **COMPOUNDS AND COMPOSITIONS AS PROTEIN KINASE INHIBITORS**  
[54] **COMPOSES ET COMPOSITIONS EN TANT QU'INHIBITEURS DE PROTEINE KINASE**  
[72] HUANG, SHENLIN, US  
[72] JIN, XIANMING, US  
[72] LIU, ZUOSHENG, US  
[72] POON, DANIEL, US  
[72] TELLEW, JOHN E., US  
[72] WAN, YONGQIN, US  
[72] WANG, XING, US  
[72] XIE, YONGPING, US  
[73] IRM LLC, BM  
[73] NOVARTIS AG, CH  
[85] 2012-02-21  
[86] 2010-08-27 (PCT/US2010/046930)  
[87] (WO2011/025927)  
[30] US (61/238,073) 2009-08-28  
[30] US (61/313,039) 2010-03-11

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[11] **2,772,552**  
[13] C

[51] **Int.Cl. H04W 4/22 (2009.01) H04W 16/00 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RESERVING RESOURCES FOR EMERGENCY SERVICES IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL POUR RESERVER DES RESSOURCES POUR DES SERVICES D'URGENCE DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] LAMBERT, STEVEN J., US  
[72] EMMONS, THOMAS P., JR., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2012-02-24  
[86] 2010-07-26 (PCT/US2010/043195)  
[87] (WO2011/025610)  
[30] US (61/238,415) 2009-08-31  
[30] US (12/839,498) 2010-07-20

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[11] **2,772,905**  
[13] C

- [51] **Int.Cl. F03B 17/06 (2006.01) H02K 7/18 (2006.01) H02N 2/18 (2006.01)**  
[25] EN  
[54] **WATER CURRENT POWER GENERATING DEVICE**  
[54] **APPAREIL DE PRODUCTION D'ENERGIE POUR COURANT DE FOND**  
[72] HAMA, YOSHINORI, JP  
[73] NEC CORPORATION, JP  
[86] (2772905)  
[87] (2772905)  
[22] 2012-03-30  
[30] JP (2011-079736) 2011-03-31

[11] **2,773,904**  
[13] C

- [51] **Int.Cl. H02H 7/045 (2006.01) H02H 3/28 (2006.01)**  
[25] EN  
[54] **CHARGING CURRENT COMPENSATION FOR LINE CURRENT DIFFERENTIAL PROTECTION**  
[54] **COMPENSATION DE COURANT DE CHARGE POUR LA PROTECTION DIFFERENTIELLE D'UN COURANT DE PHASE**  
[72] KASZTENNY, BOGDAN Z., CA  
[72] FISCHER, NORMANN, US  
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[85] 2012-03-09  
[86] 2010-09-16 (PCT/US2010/049166)  
[87] (WO2011/035055)  
[30] US (12/561,972) 2009-09-17

[11] **2,775,717**  
[13] C

- [51] **Int.Cl. C04B 28/00 (2006.01) C04B 24/26 (2006.01) E04C 2/02 (2006.01) E04C 2/04 (2006.01)**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR POLYMER-REINFORCED COMPOSITE CEMENTITIOUS CONSTRUCTION MATERIAL**  
[54] **PROCEDE ET COMPOSITION POUR MATERIAU DE CONSTRUCTION COMPOSITE A BASE DE CIMENT RENFORCE PAR DES POLYMERES**  
[72] SOANE, DAVID S., US  
[72] TAGGE, CHRISTOPHER D., US  
[72] POLLOCK, JACOB FREAS, US  
[72] SAITO, KEN, US  
[72] TORRES, LENNARD F., US  
[73] SAINT-GOBAIN PLACO, FR  
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[54] **CONTENANT A ALIMENTS.**  
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[72] BRUMMER, DOUG, CA  
[73] GIVE & GO PREPARED FOODS CORP., CA  
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[54] **LOW CALORIE COFFEE MIX COMPOSITION PREPARED BY USING D-TAGATOSE**  
[54] **COMPOSITION DE MELANGE DE CAFE ALLEGEE PREPAREE A L'AIDE DE D-TAGATOSE**  
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[72] KANG, MYUNG WOO, KR  
[72] KIM, YOUNG JAE, KR  
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[54] **APPAREIL D'EXERCICE POUR SIMULER DES ACTIONS DE POUSSEE ET DE TRACTION ET PROCEDE D'EXERCICE POUR CELUI-CI**  
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[54] **INTRODUCTEUR DE FIL  
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[72] KELSCH, DANIEL N., US  
[72] MELLOR, JAMES L., US  
[72] RUNDLE, KENNETH P., US  
[72] FELL, ROGER B., US  
[72] JAHNS, SCOTT E., US  
[72] ERICKSON, DAVE S., US  
[72] FISCHER, VINCENT A., III., US  
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[54] **STABILISATION DE DEBRIS  
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[73] POULOS AIR & SPACE, US  
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BASED ON PUBLIC KEY  
ENCRYPTION**  
[54] **ENREGISTREMENT ET  
RECUPERATION DE DONNEES  
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[72] ENGLAND, PAUL, US  
[72] PEINADO, MARCUS, US  
[73] MICROSOFT CORPORATION, US  
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[54] **METHOD AND SYSTEM FOR  
REDUCING ACOUSTICAL  
REVERBERATIONS IN AN AT  
LEAST PARTIALLY ENCLOSED  
SPACE**  
[54] **PROCEDE ET SYSTEME POUR  
REDUIRE DES  
REVERBERATIONS  
ACOUSTIQUES DANS UN ESPACE  
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CLOS**  
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SHUTTLE**  
[54] **VANNE SELECTRICE  
AMELIOREE**  
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[25] EN  
[54] **RECOMBINANT THERMOASCUS  
AURANTIACUS BETA-  
GLUCOSIDASE VARIANTS FOR  
PRODUCTION OF  
FERMENTABLE SUGARS FROM  
CELLULOSIC BIOMASS**  
[54] **VARIANTS DE BETA-  
GLUCOSIDASE RECOMBINANTE  
DE THERMOASCUS  
AURIENTIACUS POUR LA  
PRODUCTION DE SUCRES  
FERMENTABLES A PARTIR DE  
BIOMASSE CELLULOSIQUE**  
[72] BAIDYAROY, DIPNATH, US  
[72] CLARK, LOUIS, US  
[72] NEWMAN, LISA M., US  
[73] CODEXIS, INC., US  
[85] 2012-05-18  
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[54] **RECOMBINANT BETA-  
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PRODUCTION OF SOLUBLE  
SUGARS FROM CELLULOSIC  
BIOMASS**  
[54] **VARIANTS RECOMBINES DE LA  
BETA-GLUCOSIDASE DESTINES  
A PRODUIRE DES SUCRES  
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[72] ZHANG, XIYUN, US  
[72] ANDOR, ATTILA, US  
[73] CODEXIS, INC., US  
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[54] **UNITE TELESCOPIQUE AVEC BARRIERE SOLUBLE**  
[72] AGRAWAL, GAURAV, US  
[72] XU, ZHIYUE, US  
[72] RICHARD, BENNETT, US  
[72] XU, YANG, US  
[73] BAKER HUGHES INCORPORATED, US  
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[54] **METHODE ET SYSTEME DE DETECTION DE NIVEAU DE RESERVOIR DE STOCKAGE**  
[72] HOUGHTON, BRIAN L., US  
[73] HOUGHTON, BRIAN L., US  
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[25] EN  
[54] **STENCIL ASSEMBLY FOR DEPOSITING FOOD PRODUCT AND RELATED SANDWICHING MACHINE**  
[54] **ENSEMBLE DE POCHOIR POUR DEPOSER UN PRODUIT ALIMENTAIRE ET MACHINE DE FABRICATION DE SANDWICHES ASSOCIEE**  
[72] MITTAL, ANKUSH B., US  
[73] ILLINOIS TOOL WORKS INC., US  
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[25] EN  
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[54] **JAUGE A COMBUSTIBLE POUR CARTOUCHES DE COMBUSTIBLE**  
[72] CURELLO, ANDREW J., US  
[72] FAIRBANKS, FLOYD, US  
[72] LOONIS, CHARLES, US  
[73] SOCIETE BIC, FR  
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[25] EN  
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[54] **REFRIGERATEUR COMPRENANT DES COMPARTIMENTS DE STOCKAGE MULTIPLES**  
[72] OH, SEUNGJIN, KR  
[72] LEE, JONGHWA, KR  
[73] LG ELECTRONICS INC., KR  
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[25] EN  
[54] **SYSTEM AND PROCESS FOR PRODUCTION OF FATTY ACIDS AND WAX ALTERNATIVES FROM TRIGLYCERIDES**  
[54] **SYSTEME ET PROCEDE DE PRODUCTION D'ACIDES GRAS ET D'ALTERNATIVES AUX CIRES A PARTIR DE TRIGLYCERIDE**  
[72] HASSAN, ABBAS, US  
[72] BAGHERZADEH, EBRAHIM, US  
[72] ANTHONY, RAYFORD G., US  
[72] BORSINGER, GREGORY, US  
[72] HASSAN, AZIZ, US  
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[54] **NOUVELLES BACTERIES ET PROCEDES POUR LES UTILISER**  
[72] HEIJSTRA, BJORN DANIEL, NZ  
[72] KERN, EVGENIA, NZ  
[72] KOEPKE, MICHAEL, NZ  
[72] SEGOVIA, SIMON, NZ  
[72] LIEW, FUNGMIN, NZ  
[73] LANZATECH NEW ZEALAND LIMITED, NZ  
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[51] **Int.Cl. C07D 207/10 (2006.01) A61K 31/40 (2006.01) A61P 35/00 (2006.01)**  
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[54] **SUBSTITUTED PYRROLIDINE-2-CARBOXAMIDES**  
[54] **PYRROLIDINE-2-CARBOXAMIDES SUBSTITUES**  
[72] BARTKOVITZ, DAVID JOSEPH, US  
[72] CHU, XIN-JIE, US  
[72] DING, QINGJIE, US  
[72] JIANG, NAN, US  
[72] LIU, JIN-JUN, US  
[72] ROSS, TINA MORGAN, US  
[72] ZHANG, JING, US  
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[51] **Int.Cl. B64C 27/28 (2006.01) B64C 27/35 (2006.01) B64C 27/58 (2006.01) B64C 29/00 (2006.01)**  
[25] EN  
[54] **CONSTANT-VELOCITY DRIVE SYSTEM FOR GIMBALED ROTOR HUBS**  
[54] **SYSTEME D'ENTRAINEMENT HOMOCINETIQUE POUR MOYEURS DE ROTOR MONTES SUR CARDAN**  
[72] STAMPS, FRANK B., US  
[72] BRASWELL, JAMES LEE, JR., US  
[72] RAUBER, RICHARD, US  
[73] BELL HELICOPTER TEXTRON INC., US  
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[54] **WIRELESS COMMUNICATIONS DEVICE WITH PERFORMANCE MONITORING AND ASSOCIATED METHODS**  
[54] **DISPOSITIF DE COMMUNICATIONS SANS FIL A SURVEILLANCE DE RENDEMENT ET METHODES ASSOCIEES**  
[72] MUHAMMAD, KHURRAM, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2788775)  
[87] (2788775)  
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[13] C

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[25] EN  
[54] **INSULINOTROPIC PEPTIDE DERIVATIVE WHEREIN ITS N-TERMINAL AMINO ACID IS MODIFIED**  
[54] **DERIVE DE PEPTIDE INSULINOTROPIQUE A ACIDE AMINE N-TERMINAL MODIFIE**  
[72] SONG, DAE HAE, KR  
[72] LIM, CHANG KI, KR  
[72] KIM, YOUNG HOON, KR  
[72] KWON, SE CHANG, KR  
[72] LEE, GWAN SUN, KR  
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[13] C

[51] **Int.Cl. B29C 45/47 (2006.01)**  
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[54] **HYBRID INJECTION ACTUATOR FOR AN INJECTION MOLDING MACHINE**  
[54] **ACTIONNEUR A INJECTION HYBRIDE POUR MACHINE A MOULER PAR INJECTION**  
[72] HALTER, CHRISTOPHE, BE  
[72] GLAESENER, PIERRE, LU  
[72] HOSTERT, CLAUDE, LU  
[72] PIROG, ROMAN, CA  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
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[54] **VACUUM CLEANER WITH ROTATING HANDLE**  
[54] **ASPIRATEUR DOTE D'UN MANCHE ROTATIF**  
[72] VINES, BRIAN, US  
[72] DAVIDSHOFER, DONALD, US  
[73] ELECTROLUX HOME CARE PRODUCTS, INC., US  
[85] 2012-08-27  
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[13] C

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[25] EN  
[54] **ARTIFICIAL LIFT SYSTEM FOR WELL PRODUCTION**  
[54] **SYSTEME DE LEVAGE ARTIFICIEL POUR LA PRODUCTION DE PUIITS**  
[72] BARA, CLAYTON, CA  
[72] FOUILLARD, PHIL, CA  
[72] PART, DARREN, CA  
[73] OMEDAX LIMITED, CY  
[86] (2791650)  
[87] (2791650)  
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[30] US (61/552,219) 2011-10-27

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[13] C

- [51] **Int.Cl. A61M 1/10 (2006.01)**  
[25] EN  
[54] **PORTABLE CONTROLLER WITH INTEGRAL POWER SOURCE FOR MECHANICAL CIRCULATION SUPPORT SYSTEMS**  
[54] **DISPOSITIF DE COMMANDE PORTABLE AVEC SOURCE D'ENERGIE INTEGREE POUR SYSTEMES MECANIQUES D'AIDE A LA CIRCULATION SANGUINE**  
[72] BOLYARD, NATHAN J., US  
[72] EVANS, DON W.E., US  
[72] MANIAK, JEREMY J., US  
[73] MINNETRONIX INC., US  
[85] 2012-08-31  
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[30] US (61/416,626) 2010-11-23

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[25] EN  
[54] **ORTHOPAEDIC FOOT SUPPORT**  
[54] **SUPPORT ORTHOPEDIQUE DU PIED**  
[72] WENS, HEIDI JEANNE VICTOR, BE  
[73] THEWECO, BESLOTEN VENNOOTSCHAP MET BEPERKTE AANSPRAKELIJKHEID, BE  
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[30] BE (2010/0179) 2010-03-22  
[30] BE (2010/0581) 2010-10-01

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[13] C

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[25] EN  
[54] **RAMP STORAGE CASE ASSEMBLY FOR PICKUP TRUCKS**  
[54] **ENSEMBLE DE BOITE DE RANGEMENT A RAMPE POUR CAMIONS**  
[72] PETERS, DARCY, CA  
[73] PETERS, DARCY, CA  
[86] (2793670)  
[87] (2793670)  
[22] 2012-10-31  
[30] US (61/629,826) 2011-11-29

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[13] C

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[25] EN  
[54] **MECHANICALLY COMPETENT SCAFFOLD FOR ROTATOR CUFF AND TENDON AUGMENTATION**  
[54] **ECHAFAUDAGE MECANIQUEMENT COMPETANT POUR UNE AUGMENTATION DES TENDONS ET DE LA COIFFE DES ROTATEURS**  
[72] LAURENCIN, CATO T., US  
[72] ARONSON, MARK T., US  
[72] NAIR, LAKSHMI SREEDHARAN, US  
[72] REILLY, JOSEPH W., US  
[73] SOFT TISSUE REGENERATION, INC., US  
[85] 2012-09-25  
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[30] US (12/730,965) 2010-03-24

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[13] C

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[25] EN  
[54] **STORAGE AND MIXING DEVICE FOR BONE CEMENT**  
[54] **DISPOSITIF DE STOCKAGE ET MELANGE DE CIMENT ORTHOPEDIQUE**  
[72] VOGT, SEBASTIAN, DE  
[72] SCHNIEBER, TIM, DE  
[73] HERAEUS MEDICAL GMBH, DE  
[86] (2795851)  
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[22] 2012-11-16  
[30] DE (10 2011 119 377.8) 2011-11-25

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[13] C  
[51] **Int.Cl. E21B 21/08 (2006.01)**  
[25] EN  
[54] **WELLBORE PRESSURE CONTROL WITH SEGREGATED FLUID COLUMNS**  
[54] **REGULATION DE LA PRESSION DANS UN Puits DE FORAGE AVEC COLONNES DE FLUIDE SEPARÉES**  
[72] LOVORN, JAMES R., US  
[72] BAKRI, EMAD, US  
[72] TURNER, JAY K., US  
[72] EZELL, RYAN G., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2012-10-09  
[86] 2010-04-27 (PCT/US2010/032578)  
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[13] C  
[51] **Int.Cl. E21B 43/08 (2006.01) C08G 18/28 (2006.01) C08L 75/04 (2006.01) E21B 33/12 (2006.01)**  
[25] EN  
[54] **PREVENTION, ACTUATION AND CONTROL OF DEPLOYMENT OF MEMORY-SHAPE POLYMER FOAM-BASED EXPANDABLES**  
[54] **PREVENTION, ACTIONNEMENT ET COMMANDE DU DEPLOIEMENT DE MATERIAUX EXPANSIBLES A BASE DE MOUSSE POLYMER A MEMOIRE DE FORME**  
[72] JOHNSON, MICHAEL, US  
[72] MAZYAR, OLEG A., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2012-10-18  
[86] 2011-04-05 (PCT/US2011/031231)  
[87] (WO2011/133319)  
[30] US (12/763,363) 2010-04-20

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[13] C  
[51] **Int.Cl. C02F 1/467 (2006.01) A61L 2/03 (2006.01) C02F 1/461 (2006.01) C25B 11/03 (2006.01) C02F 1/78 (2006.01)**  
[25] EN  
[54] **MEMBRANE-ELECTRODE ASSEMBLY, ELECTROLYTIC CELL USING THE SAME, METHOD AND APPARATUS FOR PRODUCING OZONE WATER, METHOD FOR DISINFECTION AND METHOD FOR WASTEWATER OR WASTE FLUID TREATMENT**  
[54] **ENSEMBLE MEMBRANE-ELECTRODE, CELLULE ELECTROLYTIQUE L'EMPLOYANT, PROCEDE ET APPAREIL POUR PRODUIRE DE L'EAU OZONISEE, PROCEDE DE DESINFECTION ET PROCEDE DE TRAITEMENT D'EAUX USEES OU DE DECHETS LIQUIDES**  
[72] NITTA, HIDEO, JP  
[72] HOSONUMA, MASASHI, JP  
[73] AQUAECOS LTD., JP  
[73] PERMELEC ELECTRODE LTD., JP  
[85] 2012-10-29  
[86] 2010-11-29 (PCT/JP2010/071769)  
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[30] JP (2010-105752) 2010-04-30  
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[51] **Int.Cl. C08K 5/09 (2006.01) A61K 31/22 (2006.01) A61K 31/221 (2006.01) A61K 31/23 (2006.01) A61Q 13/00 (2006.01) A61Q 15/00 (2006.01) C08K 5/092 (2006.01) C08K 5/101 (2006.01)**  
[25] EN  
[54] **MALODOR NEUTRALIZING COMPOSITIONS COMPRISING UNDECYLENIC ACID OR CITRIC ACID**  
[54] **COMPOSITIONS DE NEUTRALISATION DES MAUVAISES ODEURS COMPRENANT DE L'ACIDE UNDECYLENIQUE OU DE L'ACIDE CITRIQUE**  
[72] DENTE, STEPHEN V., US  
[72] LEKA, KETRIN, US  
[72] FIELDER, BRIAN, US  
[72] JOHNSON, GARRY, US  
[73] ROBERTET, INC., US  
[85] 2012-11-02  
[86] 2011-01-27 (PCT/US2011/022697)  
[87] (WO2011/152886)  
[30] US (61/351,435) 2010-06-04  
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[13] C  
[51] **Int.Cl. A61K 31/663 (2006.01) A61K 31/593 (2006.01) A61P 19/10 (2006.01)**  
[25] EN  
[54] **COMPOSITION FOR PREVENTING OR TREATING OSTEOPOROSIS AND MANUFACTURING METHOD THEREFOR**  
[54] **COMPOSITION DESTINEE A PREVENIR OU A TRAITER L'OSTEOPOROSE, ET PROCEDE DE FABRICATION DE CELLE-CI**  
[72] PARK, SANG-GEUN, KR  
[72] LEE, CHANG-KYOO, KR  
[72] LEE, TAE-WON, KR  
[73] DREAM PHARMA CORPORATION, KR  
[73] NAVIPHARM CO., LTD., KR  
[85] 2012-11-02  
[86] 2011-06-03 (PCT/KR2011/004067)  
[87] (WO2011/155728)  
[30] KR (10-2010-0054921) 2010-06-10

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[25] EN  
[54] **METHOD FOR SEPARATING LIGNIN FROM BLACK LIQUOR**  
[54] **PROCEDE POUR LA SEPARATION DE LIGNINE D'UNE LIQUEUR NOIRE**  
[72] KOUISNI, LAMFEDDAL, CA  
[72] PALEOLOGOU, MICHAEL, CA  
[73] FPINNOVATIONS, CA  
[85] 2012-11-19  
[86] 2011-05-31 (PCT/CA2011/000654)  
[87] (WO2011/150508)  
[30] US (61/350,969) 2010-06-03

[11] **2,800,870**

[13] C

- [51] **Int.Cl. C04B 28/36 (2006.01)**  
[25] EN  
[54] **POLYMERIC CONSTRUCTION MATERIAL ON THE BASIS OF FLOTATION WASTE FROM COPPER ORE FLOTATION AND WASTE SULFUR**  
[54] **MATERIAU DE CONSTRUCTION POLYMERE A BASE DE DECHETS DE FLOTTATION ISSUS DE LA FLOTTATION DE MINERAI DE CUIVRE ET DE DECHETS DE SOUFRE**  
[72] JANICZEK, ANDRZEJ, PL  
[72] MYSLOWSKI, WLODZIMIERZ, PL  
[73] MYSLOWSKI, WLODZIMIERZ, PL  
[85] 2012-11-26  
[86] 2010-11-02 (PCT/PL2010/000107)  
[87] (WO2011/149368)  
[30] PL (P-391373) 2010-05-28

[11] **2,801,036**

[13] C

- [51] **Int.Cl. E21B 29/08 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SEVERING A TUBULAR**  
[54] **SYSTEME ET PROCEDE DE SECTIONNEMENT D'UN TUBULAIRE**  
[72] SPRINGETT, FRANK BENJAMIN, US  
[72] ENSLEY, ERIC TREVOR, US  
[72] JOHNSON, CHRISTOPHER DALE, US  
[72] PETERS, SHERN EUGENE, US  
[73] NATIONAL OIL WELL VARCO, L.P., US  
[85] 2012-11-28  
[86] 2011-05-27 (PCT/GB2011/051006)  
[87] (WO2011/148192)  
[30] US (61/349,660) 2010-05-28  
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[30] US (61/359,746) 2010-06-29  
[30] US (61/373,734) 2010-08-13

[11] **2,802,755**

[13] C

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[25] EN  
[54] **METHOD FOR REPAIRING ROTOR BLADES**  
[54] **PROCEDE DE REPARATION DE PALES DE ROTOR**  
[72] NEBESNI, JOSEF, DE  
[73] ROLLS-ROYCE DEUTSCHLAND LTD. & CO. KG, DE  
[85] 2012-12-14  
[86] 2011-05-30 (PCT/EP2011/002671)  
[87] (WO2011/157354)  
[30] DE (10 2010 024 083.4) 2010-06-17

[11] **2,805,454**

[13] C

- [51] **Int.Cl. B64C 25/08 (2006.01) B64D 25/00 (2006.01) B64D 45/00 (2006.01)**  
[25] FR  
[54] **LANDING GEAR TO MINIMISE THE RISK OF HITTING A CABLE, AND AIRCRAFT**  
[54] **TRAIN D'ATTERRISSAGE POUR MINIMISER UN RISQUE D'ACCROCHAGE D'UN CABLE ET AERONEF**  
[72] PRUD'HOMME-LACROIX, PIERRE, FR  
[73] AIRBUS HELICOPTERS, FR  
[86] (2805454)  
[87] (2805454)  
[22] 2013-01-31  
[30] FR (12 00626) 2012-03-02

[11] **2,806,452**

[13] C

- [51] **Int.Cl. B60K 15/03 (2006.01)**  
[25] EN  
[54] **FUEL TANK MADE OF THERMOPLASTIC MATERIAL**  
[54] **RESERVOIR DE CARBURANT EN MATERIAU THERMOPLASTIQUE**  
[72] HELMIG, RAIMUND, DE  
[72] KARSCH, ULRICH, DE  
[72] LEHMANN, HARALD, DE  
[73] KAUTEX TEXTRON GMBH & CO. KG, DE  
[85] 2013-01-24  
[86] 2011-08-29 (PCT/EP2011/004329)  
[87] (WO2012/031705)  
[30] DE (10 2010 044 584.3) 2010-09-07

[11] **2,806,838**

[13] C

- [51] **Int.Cl. A01D 34/84 (2006.01) A01D 34/67 (2006.01) A01G 1/08 (2006.01)**  
[25] EN  
[54] **LAWN CARE MAINTENANCE APPARATUS**  
[54] **APPAREIL D'ENTRETIEN DE PELOUSE**  
[72] FRANCIS, THOMAS J., US  
[73] FRANCIS, THOMAS J., US  
[86] (2806838)  
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[22] 2013-02-26  
[30] US (13/763,071) 2013-02-08

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[11] **2,808,129**  
[13] C

[51] **Int.Cl. E21B 29/00 (2006.01)**  
[25] EN  
[54] **SUBTERRANEAN CUTTING TOOL  
STRUCTURE TAILORED TO  
INTENDED USE**  
[54] **STRUCTURE D'OUTIL DE COUPE  
SOUTERRAINE ADAPTEE A  
L'UTILISATION PREVUE**  
[72] LYNDE, GERALD D., US  
[73] BAKER HUGUES INCORPORATED,  
US  
[85] 2013-02-11  
[86] 2011-08-26 (PCT/US2011/049423)  
[87] (WO2012/047406)  
[30] US (12/892,631) 2010-09-28

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[13] C

[51] **Int.Cl. B41J 2/175 (2006.01)**  
[25] EN  
[54] **CARTRIDGE**  
[54] **CARTOUCHE**  
[72] KARASAWA, MASAHIRO, JP  
[72] AOKI, YUJI, JP  
[72] SATOH, HIROSHI, JP  
[72] TAKAHASHI, MASARU, JP  
[73] SEIKO EPSON CORPORATION, JP  
[85] 2013-02-22  
[86] 2011-12-19 (PCT/JP2011/007077)  
[87] (WO2012/086171)  
[30] JP (2010-285972) 2010-12-22

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[11] **2,810,061**  
[13] C

[51] **Int.Cl. C09J 5/06 (2006.01) A41D  
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C09J 7/02 (2006.01) C09J 123/00  
(2006.01) C09J 125/10 (2006.01) C09J  
131/04 (2006.01) C09J 133/04  
(2006.01) C09J 167/00 (2006.01) C09J  
175/04 (2006.01) C09J 177/00  
(2006.01) D06M 17/04 (2006.01)  
D06M 23/16 (2006.01)**  
[25] EN  
[54] **ADHESIVE COMPOSITION FOR  
HOT SEALABLE INSERTS**  
[54] **MASSE ADHESIVE POUR DES  
PIECES RAPPORTEES APTES AU  
SCELLEMENT A CHAUD**  
[72] BARTL, HEIKE, DE  
[72] KINSCHERF, CORNELIA, DE  
[72] STAUDENMAYER, OLIVER, DE  
[72] SCHERBEL, ULRICH, DE  
[73] CARL FREUDENBERG KG, DE  
[85] 2013-03-01  
[86] 2011-07-21 (PCT/EP2011/003651)  
[87] (WO2012/028229)  
[30] DE (10 2010 044 265.8) 2010-09-02

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[11] **2,811,929**  
[13] C

[51] **Int.Cl. B65F 1/14 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR  
COMPACTING TRASH**  
[54] **PROCEDES ET APPAREILS POUR  
LE COMPACTAGE DES DECHETS**  
[72] FRITZ, ROBERT J., US  
[72] ZIMMERMAN, MICHAEL T., JR., US  
[72] GODECKER, WILLIAM, US  
[73] B/E AEROSPACE, INC., US  
[85] 2013-03-20  
[86] 2011-09-22 (PCT/US2011/052689)  
[87] (WO2012/040420)  
[30] US (61/385,291) 2010-09-22

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[13] C

[51] **Int.Cl. A47C 1/024 (2006.01) A47C  
1/034 (2006.01) A47C 7/46 (2006.01)**  
[25] EN  
[54] **POWER LIFT LUMBAR SUPPORT  
SYSTEM**  
[54] **SYSTEME DE SOUTIEN  
LOMBAIRE A RELEVAGE  
MECANIQUE**  
[72] LAPOINTE, LARRY P., US  
[72] ADAMS, CHAD E., US  
[72] HARWOOD, ERIC B., US  
[73] LA-Z-BOY INCORPORATED, US  
[85] 2013-03-21  
[86] 2011-08-11 (PCT/US2011/047371)  
[87] (WO2012/039854)  
[30] US (12/886,782) 2010-09-21

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[13] C

[51] **Int.Cl. C07C 263/20 (2006.01) C07C  
265/14 (2006.01) C08G 18/76  
(2006.01)**  
[25] EN  
[54] **PROCESS FOR THE  
SIMULTANEOUS PRODUCTION  
OF DIFFERENT MIXTURES OF  
DIISOCYANATE ISOMERS OF  
THE DIPHENYLMETHANE  
SERIES**  
[54] **PROCEDE DE PRODUCTION  
SIMULTANEE DE DIFFERENTS  
MELANGES D'ISOMERES DU  
DIISOCYANATE DE LA SERIE DU  
DIPHENYLMETHANE**  
[72] KOOLE, JOHANNES LODEWIJK, BE  
[72] ZIJL, ADOLF DAAN, BE  
[72] CARR, ROBERT HENRY, BE  
[73] HUNTSMAN INTERNATIONAL  
LLC, US  
[86] (2813552)  
[87] (2813552)  
[22] 2009-10-01  
[62] 2,737,397  
[30] EP (08165930.2) 2008-10-06

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[13] C

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[25] EN  
[54] **INSULATING MICROWAVE INTERACTIVE PACKAGING**  
[54] **EMBALLAGE ISOLANT REAGISSANT AUX MICRO-ONDES**  
[72] WNEK, PATRICK, US  
[72] LAFFERTY, TERRENCE P., US  
[72] ROBINSON, RICHARD G., US  
[72] COLE, LORIN R., US  
[72] O'HAGAN, BRIAN, US  
[72] MIDDLETON, SCOTT W., US  
[73] GRAPHIC PACKAGING INTERNATIONAL INC., US  
[86] (2814255)  
[87] (2814255)  
[22] 2003-02-07  
[62] 2,686,600  
[30] US (60/355,149) 2002-02-08

[11] **2,817,857**  
[13] C

- [51] **Int.Cl. B60R 11/04 (2006.01) E21F 11/00 (2006.01)**  
[25] EN  
[54] **WORK VEHICLE PERIPHERY MONITORING SYSTEM AND WORK VEHICLE**  
[54] **SYSTEME DE SURVEILLANCE PERIPHERIQUE POUR VEHICULE DE TRAVAIL ET VEHICULE DE TRAVAIL**  
[72] NAKANISHI, YUKIHIRO, JP  
[72] KURIHARA, TAKESHI, JP  
[73] KOMATSU LTD., JP  
[85] 2013-06-06  
[86] 2012-11-30 (PCT/JP2012/081204)  
[87] (WO2014/045466)  
[30] JP (2012-207563) 2012-09-20

[11] **2,818,377**  
[13] C

- [51] **Int.Cl. F26B 3/347 (2006.01) A23C 19/086 (2006.01) A23L 3/54 (2006.01) B01J 19/12 (2006.01) C07B 63/00 (2006.01)**  
[25] EN  
[54] **MICROWAVE VACUUM-DRYING OF ORGANIC MATERIALS**  
[54] **SECHAGE SOUS VIDE AUX MICRO-ONDES DE MATIERES ORGANIQUES**  
[72] DURANCE, TIMOTHY D., CA  
[72] FU, JUN, CA  
[72] CAO, LI BING, CA  
[73] ENWAVE CORPORATION, CA  
[85] 2013-06-05  
[86] 2012-12-07 (PCT/CA2012/050880)  
[87] (WO2014/085897)

[11] **2,820,073**  
[13] C

- [51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/142 (2006.01)**  
[25] EN  
[54] **INSERTION DEVICE SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES POUR DISPOSITIF D'INSERTION**  
[72] CHONG, COLIN A., US  
[72] LORENZEN, ERIC M., US  
[72] BIKOVSKY, RAFAEL, US  
[72] IBRANYAN, ARSEN, US  
[72] LIVINGSTON, ADAM J., US  
[72] MCGEE, TOM, US  
[72] MASTERSON, STEVEN, US  
[73] MEDTRONIC MINIMED, INC., US  
[85] 2013-06-04  
[86] 2012-01-27 (PCT/US2012/022883)  
[87] (WO2012/103429)  
[30] US (13/015,051) 2011-01-27

[11] **2,825,056**  
[13] C

- [51] **Int.Cl. B64C 13/10 (2006.01) B64C 13/22 (2006.01)**  
[25] FR  
[54] **DEVICE FOR ACTUATING AN ITEM OF EQUIPMENT THAT CAN BE CONTROLLED AUTOMATICALLY OR MANUALLY, WITH DETECTION OF TAKE-UP OF MANUAL CONTROL**  
[54] **DISPOSITIF D'ACTIONNEMENT D'UN EQUIPEMENT PILOTABLE AUTOMATIQUEMENT OU MANUELLEMENT AVEC DETECTION DE LA REPRISE DU PILOTAGE MANUEL**  
[72] CREMIERE, BENOIT, FR  
[73] SAGEM DEFENSE SECURITE, FR  
[85] 2013-07-17  
[86] 2012-01-24 (PCT/EP2012/051051)  
[87] (WO2012/101122)  
[30] FR (1150527) 2011-01-24

[11] **2,826,699**  
[13] C

- [51] **Int.Cl. G01F 25/00 (2006.01)**  
[25] EN  
[54] **MULTIPLE FLOW CONDUIT FLOW METER**  
[54] **DEBITMETRE A CONDUITES D'ECOULEMENT MULTIPLES**  
[72] STACK, CHARLES PAUL, US  
[72] PATTEN, ANDREW TIMOTHY, US  
[72] LANHAM, GREGORY TREAT, US  
[72] BELL, MARK JAMES, US  
[73] MICRO MOTION, INC., US  
[86] (2826699)  
[87] (2826699)  
[22] 2006-08-24  
[62] 2,661,335

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[13] C

[51] **Int.Cl. F04B 49/00 (2006.01) F02B 39/08 (2006.01) F02M 21/02 (2006.01) F04B 23/04 (2006.01) F04B 35/02 (2006.01) F15B 21/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR OPERATING A PLURALITY OF HYRAULIC PUMPS**

[54] **APPAREIL ET PROCEDE POUR FAIRE FONCTIONNER UNE PLURALITE DE POMPES HYDRAULIQUES**

[72] BATENBURG, GREGORY A., CA  
[72] BENGALI, ANUJA S., CA  
[73] WESTPORT POWER INC., CA  
[86] (2831759)  
[87] (2831759)  
[22] 2013-10-31

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[11] **2,831,762**  
[13] C

[51] **Int.Cl. F17C 13/00 (2006.01) F02M 21/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DELIVERING A FLUID STORED IN LIQUEFIED FORM TO AN END USER IN GASEOUS FORM**

[54] **SYSTEME ET PROCEDE POUR LIVRER UN FLUIDE STOCKE SOUS FORME LIQUIDE A UN UTILISATEUR FINAL SOUS FORME GAZEUSE**

[72] OVERSBY, KEVIN K., CA  
[73] WESTPORT POWER INC., CA  
[86] (2831762)  
[87] (2831762)  
[22] 2013-10-31

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[11] **2,835,473**  
[13] C

[51] **Int.Cl. G01F 23/26 (2006.01)**

[25] EN

[54] **A CAPACITANCE-TYPE SENSOR PROBE**

[54] **SONDE DE CAPTEUR DE TYPE CAPACITIF**

[72] HARPER, GREGORY C., CA  
[73] WESTPORT POWER INC., CA  
[86] (2835473)  
[87] (2835473)  
[22] 2013-11-28

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[11] **2,835,903**  
[13] C

[51] **Int.Cl. B65D 90/00 (2006.01)**

[25] EN

[54] **LID -LIFT HOLE LINER AND CONTAINMENT BOX FOR UTILITY VAULT LIDS AND UTILITY VAULT LID THEREWITH**

[54] **DOUBLURE DE TROU DE SOULEVEMENT DE COUVERCLE ET BOITE DE CONFINEMENT POUR COUVERCLES DE VOUTE FONCTIONNELS ET COUVERCLE DE VOUTE FONCTIONNEL ASSOCIE**

[72] BURKE, EDWARD J., US  
[73] CHANNELL COMMERCIAL CORPORATION, US  
[85] 2013-11-12  
[86] 2012-05-10 (PCT/US2012/037383)  
[87] (WO2012/154991)  
[30] US (61/484,601) 2011-05-10

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[13] C

[51] **Int.Cl. C07D 333/20 (2006.01) C07C 215/64 (2006.01) C07C 217/08 (2006.01) C07C 217/12 (2006.01) C07D 213/38 (2006.01)**

[25] EN

[54] **METHOD FOR INDUSTRIALLY PREPARING NITROGEN SUBSTITUTED AMINO-5,6,7,8-TETRAHYDRONAPHTHOL**

[54] **PROCEDE POUR LA PREPARATION INDUSTRIELLE D'AMINO-5,6,7,8-TETRAHYDRONAPHTOL SUBSTITUE PAR AZOTE**

[72] YANG, MINA, CN  
[72] MENG, QINGGUO, CN  
[72] WANG, TAO, CN  
[72] WANG, QILIN, CN  
[72] LI, JUN, CN  
[72] RUAN, ZHENG, CN  
[73] SHAN DONG LUYE PHARMACEUTICAL CO., LTD., CN  
[85] 2013-12-13  
[86] 2012-06-21 (PCT/CN2012/000863)  
[87] (WO2013/000273)  
[30] CN (201110179616.6) 2011-06-27

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[11] **2,843,213**  
[13] C

[51] **Int.Cl. A01B 1/02 (2006.01) E01H 5/02 (2006.01)**

[25] EN

[54] **MANUAL SHOVEL ACCESSORY AND SHOVEL APPARATUS WITH REAR END FULCRUM AND FRONT AND REAR UPRIGHT HANDLES**

[54] **ACCESSOIRE POUR PELLE MANUELLE ET APPAREIL POUR PELLE AVEC POINT D'APPUI ARRIERE ET POIGNEES VERTICALES AVANT ET ARRIERE**

[72] CORDEIRO, OLAVO, CA  
[73] CORDEIRO, OLAVO, CA  
[73] MADDISON, RONALD, CA  
[86] (2843213)  
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[13] C

[51] **Int.Cl. B65D 83/52 (2006.01)**

[25] EN

[54] **INDICATING DEVICE FOR INDICATING THE NUMBER OF DOSAGES DISPENSED**

[54] **DISPOSITIF INDIQUANT LE NOMBRE DE DOSES DISTRIBUEES**

[72] GRZYCHOWSKI, JERRY R., US  
[72] SCARROTT, PETER MYKOLA, CA  
[72] SCHMIDT, JAMES NICK, CA  
[72] FOLEY, MARTIN P., CA  
[73] TRUDELL MEDICAL INTERNATIONAL, CA  
[86] (2843454)  
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[30] US (09/073,275) 1998-05-05

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[51] **Int.Cl. C12M 1/40 (2006.01) A23J 1/04 (2006.01) A23J 3/34 (2006.01) B01J 19/18 (2006.01) C11B 13/00 (2006.01) C12M 1/02 (2006.01) C12M 1/38 (2006.01) C12P 21/06 (2006.01)**

[25] EN

[54] **HYDROLYSIS PROCESS FOR RAW MATERIALS FROM THE FISHING AND SLAUGHTERHOUSE INDUSTRIES AND TANKS FOR USE THEREIN**

[54] **PROCEDE D'HYDROLYSE POUR MATIERES BRUTES ISSUES DES INDUSTRIES DE LA PECHE ET DE L'ABATTAGE ET RESERVOIRS UTILISES DANS CE PROCEDE**

[72] WAHL, TONY, NO

[73] WAHL PROCESS SYSTEMS AS, NO

[86] (2848698)

[87] (2848698)

[22] 2006-03-03

[62] 2,600,403

[30] NO (20051216) 2005-03-08

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[11] **2,849,594**  
[13] C

[51] **Int.Cl. H04W 56/00 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TIME SYNCHRONISATION IN WIRELESS NETWORKS**

[54] **PROCEDE ET APPAREIL POUR LA SYNCHRONISATION TEMPORELLE DANS DES RESEAUX SANS FIL**

[72] KNOWLES, IAN ROBERT, GB

[73] IMAGINATION TECHNOLOGIES LIMITED, GB

[85] 2014-03-21

[86] 2012-09-21 (PCT/GB2012/000737)

[87] (WO2013/041829)

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[11] **2,850,036**  
[13] C

[51] **Int.Cl. D02G 3/04 (2006.01) A41D 13/00 (2006.01) D01F 6/54 (2006.01) D01F 6/62 (2006.01) D03D 15/00 (2006.01) D03D 15/12 (2006.01)**

[25] EN

[54] **FLAMEPROOF SPUN YARN, FABRIC, CLOTHES AND FLAMEPROOF WORK CLOTHES**

[54] **FIL FILE RESISTANT A LA FLAMME, TISSU, VETEMENT ET VETEMENT DE TRAVAIL RESISTANT A LA FLAMME**

[72] MIZOBUCHI, ATSUSHI, JP

[72] MIURA, TAKESHI, JP

[72] KUSUDO, KAZUMASA, JP

[72] IDE, JUNYA, JP

[73] KANEKA CORPORATION, JP

[73] KURARAY CO., LTD., JP

[85] 2014-03-25

[86] 2012-09-24 (PCT/JP2012/074382)

[87] (WO2013/047431)

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[51] **Int.Cl. H04L 29/08 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PEER ARRANGEMENT IN STREAMING-CONSTRAINED P2P OVERLAY NETWORKS**

[54] **PROCEDE ET DISPOSITIF D'AGENCEMENT DE PAIRS DANS DES RESEAUX DE RECOUVREMENT P2P A CONTRAINTE DE DIFFUSION EN FLUX**

[72] EL-BELTAGY, MOHAMMED, SE

[72] NAIEM, AMGAD, SE

[73] PEERIALISM AB, SE

[85] 2014-03-31

[86] 2012-11-12 (PCT/EP2012/072412)

[87] (WO2013/072284)

[30] SE (1151093-0) 2011-11-18

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[51] **Int.Cl. F16K 17/04 (2006.01)**

[25] EN

[54] **VALVE ASSEMBLY**

[54] **ENSEMBLE CLAPET**

[72] BISHOFF, MARK, CA

[72] BISHOFF, GUY, CA

[73] LORAX SYSTEMS INC., CA

[85] 2014-06-13

[86] 2013-09-24 (PCT/CA2013/000810)

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[13] A1  
[51] **Int.Cl. H01G 11/56 (2013.01) B82Y 30/00 (2011.01) H01G 11/36 (2013.01)**  
[25] EN  
[54] **SOLID ELECTROCHEMICAL SUPERCAPACITOR**  
[54] **SUPERCONDENSATEUR ELECTROCHIMIQUE SOLIDE**  
[72] DUMAS, JEAN, CA  
[72] BELANGER, DANIEL, CA  
[72] BORDJIBA, TARIK, DZ  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA  
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[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/08 (2006.01) E21B 23/04 (2006.01)**  
[25] EN  
[54] **JET PROPELLED DOWNHOLE PROPULSION DEVICE**  
[54] **DISPOSITIF DE PROPULSION DE FONDS DE TROU A PROPULSION PAR JET**  
[72] DEI, DERWIN DEXTER, CA  
[72] MACCRAE, CHARLES EDWARD, CA  
[72] MACCRAE, DANIEL VICTOR LEE, CA  
[71] DEI, DERWIN DEXTER, CA  
[71] MACCRAE, CHARLES EDWARD, CA  
[71] MACCRAE, DANIEL VICTOR LEE, CA  
[22] 2013-07-05  
[41] 2015-01-05

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[21] **2,820,055**  
[13] A1  
[51] **Int.Cl. A01G 23/00 (2006.01)**  
[25] EN  
[54] **REMOVABLE MOTOR HOUSING FOR A PLANT MATERIAL TRIMMING DEVICE**  
[54] **CARTER DE MOTEUR AMOVIBLE POUR DISPOSITIF DE TAILLAGE DE MATIERE VEGETALE**  
[72] EVANS, JAY, CA  
[72] MCKELLAR, AARON, CA  
[71] KEIRTON MANUFACTURING LTD., CA  
[22] 2013-07-09  
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[13] A1  
[51] **Int.Cl. E04H 17/22 (2006.01) E04F 11/18 (2006.01) E04H 17/26 (2006.01)**  
[25] EN  
[54] **RAILING POST SHOE ANCHOR APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'ANCRAGE DE SABOT DE POTEAU POUR GARDE-CORPS**  
[72] TOMCZAK, TOMASZ, CA  
[71] TOMCZAK, TOMASZ, CA  
[22] 2013-07-09  
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[13] A1  
[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01) A61F 5/00 (2006.01)**  
[25] EN  
[54] **PORTABLE MASSAGE TOOL/BAG**  
[54] **OUTIL/SAC DE MASSAGE PORTATIF**  
[72] UNKNOWN, ZZ  
[71] PALLIARDI, TANIA CAROLANNE T. P., CA  
[22] 2013-07-09  
[41] 2015-01-09

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[21] **2,820,064**  
[13] A1  
[51] **Int.Cl. F16M 11/00 (2006.01) B65D 19/44 (2006.01) B66F 9/12 (2006.01) E02F 3/815 (2006.01) F16M 3/00 (2006.01)**  
[25] EN  
[54] **STAND FOR MACHINE COMPONENTS**  
[54] **SUPPORT POUR COMPOSANTES DE MACHINE**  
[72] LONGAPHIE, STEPHEN, CA  
[71] FINNING INTERNATIONAL INC., CA  
[22] 2013-07-04  
[41] 2015-01-04

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[21] **2,820,066**  
[13] A1  
[51] **Int.Cl. B60W 50/08 (2012.01) A61B 3/113 (2006.01) G06F 3/01 (2006.01)**  
[25] EN  
[54] **IN-CAR EYE CONTROL METHOD AND AN ELECTRONIC DEVICE IMPLEMENTING THE SAME**  
[54] **PROCEDE DE COMMANDE DES YEUX A BORD D'UNE AUTOMOBILE ET DISPOSITIF ELECTRONIQUE METTANT CELUI-CI EN OEUVRE**  
[72] TSOU, CHIA-CHUN, TW  
[72] FANG, CHIH-HENG, TW  
[72] LIN, PO-TSUNG, TW  
[71] UTECHZONE CO., LTD., TW  
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[41] 2015-01-04

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[21] **2,820,121**  
[13] A1  
[51] **Int.Cl. B27M 3/06 (2006.01)**  
[25] EN  
[54] **VERTICAL PLYWOOD**  
[54] **CONTREPLAQUE VERTICAL**  
[72] LAROCQUE, FRANCOIS, CA  
[71] LAROCQUE, FRANCOIS, CA  
[22] 2013-07-04  
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[13] A1

[51] **Int.Cl. A63B 21/02 (2006.01)**  
[25] EN  
[54] **EXERCISE BAND RESISTANCE SYSTEM**  
[54] **SYSTEME D'EXERCICE A RESISTANCE PAR BANDE**  
[72] ABOODY, MORRIS, CA  
[71] ABOODY, MORRIS, CA  
[22] 2013-07-04  
[41] 2015-01-04

[21] **2,820,159**  
[13] A1

[51] **Int.Cl. F03G 7/10 (2006.01) F03G 3/00 (2006.01) F16H 33/00 (2006.01)**  
[25] EN  
[54] **EARTH MOON SUN ENERGY MOTOR**  
[54] **MOTEUR A ENERGIE PLANETAIRE**  
[72] WOODS, TIMOTHY JOHN, CA  
[71] WOODS, TIMOTHY JOHN, CA  
[22] 2013-07-04  
[41] 2015-01-04

[21] **2,820,211**  
[13] A1

[51] **Int.Cl. B44D 3/04 (2006.01)**  
[25] EN  
[54] **PAINT CONTAINER**  
[54] **CONTENANT DE PEINTURE**  
[72] FINDLETON, RAYMOND, CA  
[71] FINDLETON, RAYMOND, CA  
[22] 2013-07-09  
[41] 2015-01-09

[21] **2,820,227**  
[13] A1

[51] **Int.Cl. C01B 31/02 (2006.01) C01B 31/04 (2006.01) D01F 9/12 (2006.01) H01M 4/36 (2006.01) H04B 1/04 (2006.01)**  
[25] EN  
[54] **NOVEL COMPOSITE CONDUCTION MATERIAL**  
[54] **MATERIAU CONDUCTEUR MIXTE NOVATEUR**  
[72] ZAGHIB, KARIM, CA  
[72] GUERFI, ABDELBAST, CA  
[72] FORAND, AMELIE, CA  
[72] CHIU, GORDON, US  
[71] GRAFOID, INC., CA  
[71] HYDRO QUEBEC, CA  
[22] 2013-07-10  
[41] 2015-01-10

[21] **2,820,230**  
[13] A1

[51] **Int.Cl. G06F 9/45 (2006.01) G06F 12/02 (2006.01)**  
[25] EN  
[54] **DATA SPLITTING FOR MULTI-INSTANTIATED OBJECTS**  
[54] **DIVISION DE DONNEES POUR DE MULTIPLES OBJETS INSTANCIÉS**  
[72] CUI, SHIMIN, CA  
[72] ZHANG, YAN, CA  
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 2013-07-09  
[41] 2015-01-09

[21] **2,820,305**  
[13] A1

[51] **Int.Cl. H04N 13/00 (2006.01) G09B 29/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR GENERATING AND DISPLAYING STEREOSCOPIC IMAGE PAIRS OF GEOGRAPHICAL AREAS**  
[54] **SYSTEMES ET PROCÉDES POUR GÉNÉRER ET AFFICHER DES PAIRES D'IMAGES STEREOSCOPIQUES DE RÉGIONS GÉOGRAPHIQUES**  
[72] ZHANG, YUN, CA  
[71] UNIVERSITY OF NEW BRUNSWICK, CA  
[22] 2013-07-04  
[41] 2015-01-04

[21] **2,820,340**  
[13] A1

[51] **Int.Cl. E02D 29/00 (2006.01) F03B 13/00 (2006.01)**  
[25] EN  
[54] **UNDERWATER PRESSURE CONTAINERS SURROUNDED BY MEMBRANES**  
[54] **CONTENEURS SOUS PRESSION SOUS-MARINS ENTOURÉS DE MEMBRANES**  
[72] VOON, GERARD GV, CA  
[71] VOON, GERARD GV, CA  
[22] 2013-07-08  
[41] 2015-01-08

[21] **2,820,504**  
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/58 (2006.01)**  
[25] EN  
[54] **WOUND BARRIER PAD**  
[54] **TAMPON ISOLANT POUR PLAIE**  
[72] ANTALEK, MATTHEW D., US  
[71] ANTALEK, MATTHEW D., US  
[22] 2013-07-10  
[41] 2015-01-10

[21] **2,820,548**  
[13] A1

[51] **Int.Cl. F16B 13/00 (2006.01)**  
[25] EN  
[54] **AN ANCHORING ASSEMBLY, AN ANCHORING NUT FOR USE IN AN ANCHORING ASSEMBLY AND THE USE OF AN ANCHORING ASSEMBLY FOR ANCHORING A LINER OF A CURED LINING MATERIAL**  
[54] **ENSEMBLE D'ANCRAGE, ECROU D'ANCRAGE POUR UTILISATION DANS UN ENSEMBLE D'ANCRAGE ET UTILISATION D'UN ENSEMBLE D'ANCRAGE POUR ANCRER UN REVETEMENT D'UN MATERIAU DE REVETEMENT DURCI**  
[72] GAROT, WOUTER, NL  
[71] SILICON REFRACTORY ANCHORING SYSTEMS B.V., NL  
[22] 2013-07-09  
[41] 2015-01-09

[21] **2,820,565**  
[13] A1

[51] **Int.Cl. B66C 13/14 (2006.01) B66C 3/16 (2006.01) B66C 13/12 (2006.01) B66C 23/86 (2006.01) F15B 21/00 (2006.01) F16L 27/00 (2006.01)**  
[25] EN  
[54] **HYDRAULIC ASSEMBLY AND LOGGING EQUIPMENT USING SAME**  
[54] **MECANISME HYDRAULIQUE ET EQUIPEMENT DE RACCORDEMENT EN FAISANT USAGE**  
[72] COOPER, JONATHAN CRAIG, CA  
[72] LOTZ, JEFFREY PAUL, CA  
[71] TIGERCAT INDUSTRIES INC., CA  
[22] 2013-07-10  
[41] 2015-01-10

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[21] **2,820,695**  
[13] A1

[51] **Int.Cl. B66F 9/075 (2006.01) B66F 9/065 (2006.01)**  
[25] EN  
[54] **PALLET TRUCK ASSEMBLY**  
[54] **TRANSPALETTE**  
[72] KEEN, MARK, CA  
[72] NOVAK, MICHAEL, CA  
[72] RYDER, THOMAS, CA  
[71] J.H. RYDER MACHINERY LIMITED, CA  
[22] 2013-07-10  
[41] 2015-01-10

[21] **2,820,696**  
[13] A1

[51] **Int.Cl. G01S 19/16 (2010.01) H04W 4/02 (2009.01) G06Q 30/02 (2012.01) A45C 1/06 (2006.01)**  
[25] FR  
[54] **STUDY FOR THE SMART PORTFOLIO**  
[54] **ETUDE POUR LE PORTEFEUILLE INTELLIGENT**  
[72] INCONNUE, ZZ  
[71] LABORY, JEAN-PIERRE J. P. L., CA  
[71] MAMMERI, HAKIM H. M., CA  
[22] 2013-07-08  
[41] 2015-01-08

[21] **2,820,704**  
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **FRACTURING VALVE**  
[54] **VANNE DE FRACTURATION**  
[72] GETZLAF, DON, CA  
[72] RAVENSBERGEN, JOHN, CA  
[72] BRUNSKILL, DOUGLAS JAMES, CA  
[71] NCS OILFIELD SERVICES CANADA INC., CA  
[22] 2013-07-10  
[41] 2015-01-10

[21] **2,820,733**  
[13] A1

[51] **Int.Cl. E21B 43/00 (2006.01)**  
[25] EN  
[54] **PROCESSING AND TRANSPORT OF STRANDED GAS TO CONSERVE RESOURCES AND REDUCE EMISSIONS**  
[54] **TRAITEMENT ET TRANSPORT DE GAZ DELAISSE POUR CONSERVER LES RESSOURCES ET REDUIRE LES EMISSIONS**  
[72] SHOMODY, RONALD GRANT, CA  
[72] PALMER, GARY HART, CA  
[71] SHOMODY, RONALD GRANT, CA  
[71] PALMER, GARY HART, CA  
[22] 2013-07-08  
[41] 2015-01-08

[21] **2,820,964**  
[13] A1

[51] **Int.Cl. F16H 57/021 (2012.01) F16H 57/04 (2010.01)**  
[25] EN  
[54] **IMPROVED TRANSMISSION DEVICE**  
[54] **DISPOSITIF DE TRANSMISSION AMELIORE**  
[72] HORVATH, DAVID, US  
[71] T.K.T. ENTERPRISES, INC. (D/B/A DEALERS TRANSMISSION EXCHANGE), US  
[22] 2013-07-10  
[41] 2015-01-08  
[30] US (13/936,970) 2013-07-08

[21] **2,821,186**  
[13] A1

[51] **Int.Cl. B65D 59/00 (2006.01)**  
[25] EN  
[54] **EDGE PROTECTOR**  
[54] **PROTECTEUR DE BORD**  
[72] BAKER, MARCUS, US  
[72] FLUERY, TODD, CA  
[71] T & M DESIGN, LLC, US  
[22] 2013-07-15  
[41] 2015-01-09  
[30] US (13/937,791) 2013-07-09

[21] **2,823,278**  
[13] A1

[51] **Int.Cl. B60R 16/03 (2006.01) B60K 5/08 (2006.01) H02K 7/10 (2006.01) H02K 7/18 (2006.01) H02K 16/00 (2006.01)**  
[25] EN  
[54] **SERIES HYBRID GENERATOR**  
[54] **GENERATEUR HYBRIDE EN SERIE**  
[72] ORIET, LEO P., US  
[71] ORIET, LEO P., US  
[22] 2013-08-12  
[41] 2015-01-08  
[30] US (13/936,248) 2013-07-08

[21] **2,838,134**  
[13] A1

[51] **Int.Cl. A47L 9/00 (2006.01) F16B 21/06 (2006.01)**  
[25] EN  
[54] **VACUUM CLEANER WITH SLIDING LATCH**  
[54] **ASPIRATEUR A LOQUET COULISSANT**  
[72] GOTTSCHALL, JASON, US  
[72] WOLFE, MELVIN E., JR., US  
[71] SHOP VAC CORPORATION, US  
[22] 2013-12-27  
[41] 2015-01-10  
[30] US (13/938,645) 2013-07-10

[21] **2,847,192**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/115 (2006.01) A61B 17/285 (2006.01) A61B 17/295 (2006.01)**  
[25] EN  
[54] **SURGICAL DEVICE, SURGICAL ADAPTERS FOR USE BETWEEN SURGICAL HANDLE ASSEMBLY AND SURGICAL LOADING UNITS, AND METHODS OF USE**  
[54] **DISPOSITIF CHIRURGICAL, ADAPTEURS CHIRURGICAUX A UTILISER ENTRE LE DISPOSITIF DE POIGNEE CHIRURGICALE ET LES DISPOSITIFS DE CHARGEMENT CHIRURGICAUX ET METHODES D'UTILISATION**  
[72] WILLIAMS, JUSTIN, US  
[72] KASWER, CHRISTOPHER WILLIAM, US  
[71] COVIDIEN LP, US  
[22] 2014-03-18  
[41] 2015-01-09  
[30] US (13/853,180) 2013-07-09

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[21] **2,847,788**  
[13] A1

[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SERVER SYSTEM FOR PROVIDING CURRENT DATA AND PAST DATA TO CLIENTS**  
[54] **SYSTEME DE SERVEUR SERVANT A FOURNIR DES DONNEES ACTUELLES ET ANTERIEURES A DES CLIENTS**  
[72] AARON, NOAH ERIC, US  
[72] BENNETT, DAVE, US  
[72] CUMMINS, WILL R., US  
[72] WECKER, NOAH H., US  
[71] THE BOEING COMPANY, US  
[22] 2014-03-27  
[41] 2015-01-05  
[30] US (13/935/745) 2013-07-05

[21] **2,849,491**  
[13] A1

[51] **Int.Cl. E21B 10/54 (2006.01) E21B 10/42 (2006.01)**  
[25] EN  
[54] **IMPREGNATED ROTARY BIT WITH HIGH DENSITY MONOBLOCK CENTER STRUCTURE**  
[54] **TREPAN A LAMES ROTATIVES IMPREGNEES AVEC STRUCTURE CENTRALE MONOBLOC A HAUTE DENSITE**  
[72] CUIILLIER DE MAINDREVILLE, BRUNO, FR  
[72] GALLEGO, GILLES, FR  
[71] VAREL INTERNATIONAL, IND., L.P., US  
[22] 2014-04-22  
[41] 2015-01-08  
[30] US (13/936,536) 2013-07-08

[21] **2,849,783**  
[13] A1

[51] **Int.Cl. A01K 5/00 (2006.01)**  
[25] EN  
[54] **FEEDER MIXER WITH MAGNET FOR EXTRACTING METALS FROM THE FEED**  
[54] **DISTRIBUTEUR/MELANGEUR AVEC AIMANT POUR EXTRAIRE LES METAUX DES ALIMENTS POUR ANIMAUX**  
[72] CLOSE, JOHN, CA  
[71] HI-TEC INDUSTRIES LTD., CA  
[22] 2014-04-22  
[41] 2015-01-05  
[30] US (61843186) 2013-07-05

[21] **2,850,800**  
[13] A1

[51] **Int.Cl. B64C 1/26 (2006.01) B64C 1/06 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR JOINING COMPOSITE STRUCTURES OF AIRCRAFTS**  
[54] **APPAREIL ET METHODES DE JOINTAGE DE STRUCTURES MIXTES D'AERONEFS**  
[72] ZEON, YOUNG, US  
[72] ACHTNER, GERFRIED RUDOLF, US  
[72] STRACHILA, JOSEPH, US  
[71] THE BOEING COMPANY, US  
[22] 2014-05-01  
[41] 2015-01-10  
[30] US (13/938,731) 2013-07-10

[21] **2,850,809**  
[13] A1

[51] **Int.Cl. E01B 29/10 (2006.01)**  
[25] EN  
[54] **RAILROAD TIE REMOVAL MACHINE**  
[54] **MACHINE DE RETRAIT DE TRAVERSES DE CHEMIN DE FER**  
[72] IRION, ALLAN, US  
[71] NORDCO INC., US  
[22] 2014-04-28  
[41] 2015-01-05  
[30] US (13/936,067) 2013-07-05

[21] **2,851,073**  
[13] A1

[51] **Int.Cl. F02K 1/46 (2006.01) F02K 1/48 (2006.01)**  
[25] EN  
[54] **EXHAUST MIXER WITH OFFSET LOBES**  
[54] **MELANGEUR D'ECHAPPEMENT AVEC LOBES DECALES**  
[72] CUNNINGHAM, MARK HUZARD, CA  
[72] MARINI, REMO, CA  
[72] GIRGIS, SAMI, CA  
[72] KAMESHLI, MOHAMMAD REZA, CA  
[72] RAMAMURTHY, RAJA, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
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[41] 2015-01-09  
[30] US (13/937,587) 2013-07-09

[21] **2,851,722**  
[13] A1

[51] **Int.Cl. C02F 5/02 (2006.01) C23F 14/02 (2006.01) C02F 1/04 (2006.01)**  
[25] EN  
[54] **EVAPORATIVE TREATMENT METHOD FOR AQUEOUS SOLUTION**  
[54] **PROCEDE DE TRAITEMENT D'EVAPORATION POUR SOLUTION AQUEUSE**  
[72] MIZUTANI, JUNJI, JP  
[72] FUJIMOTO, YO, JP  
[72] TAGUCHI, TATSUYA, JP  
[71] SASAKURA ENGINEERING CO., LTD., JP  
[22] 2014-05-16  
[41] 2015-01-08  
[30] JP (2013-142346) 2013-07-08

[21] **2,852,287**  
[13] A1

[51] **Int.Cl. B65C 3/16 (2006.01) B65C 9/00 (2006.01) B65C 9/18 (2006.01)**  
[25] EN  
[54] **LABELLING UNIT OF CONTAINERS**  
[54] **DISPOSITIF D'ETIQUETAGE DE CONTENANTS**  
[72] ZACCHE, VANNI, IT  
[71] SMILAB S.R.L., IT  
[22] 2014-05-27  
[41] 2015-01-10  
[30] IT (MI2013A001161) 2013-07-10

[21] **2,852,448**  
[13] A1

[51] **Int.Cl. B67C 3/26 (2006.01) B65B 3/04 (2006.01)**  
[25] EN  
[54] **FILLING DEVICE**  
[54] **DISPOSITIF DE REMPLISSAGE**  
[72] RIGGIO, ANTONIO, IT  
[71] SMI S.P.A., IT  
[22] 2014-05-28  
[41] 2015-01-10  
[30] IT (MI2013A001163) 2013-07-10

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[21] **2,853,471**  
[13] A1

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[25] EN  
[54] **POWERED GARAGE DOOR OPENER**  
[54] **OUVRE-PORTE DE GARAGE MOTORISE**  
[72] MITCHELL, J.R. SCOTT, CA  
[72] SCHATZ, KURT, CA  
[71] MAGNA CLOSURES INC., CA  
[22] 2014-06-05  
[41] 2015-01-05  
[30] US (61/843,080) 2013-07-05  
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[21] **2,854,308**  
[13] A1

[51] **Int.Cl. H01J 49/42 (2006.01)**  
[25] EN  
[54] **REDUCTION OF CROSS-TALK BETWEEN RF COMPONENTS IN A MASS SPECTROMETER**  
[54] **REDUCTION DU BRUIT DIAPHONIQUE ENTRE DES COMPOSANTS RF DANS UN SPECTROMETRE DE MASSE**  
[72] MUNTEAN, FELICIAN, US  
[72] MOELLER, ROY, US  
[72] ZANON, STEPHEN, US  
[71] BRUKER DALTONICS, INC., US  
[22] 2014-06-12  
[41] 2015-01-05  
[30] US (13/935,732) 2013-07-05

[21] **2,854,662**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/10 (2006.01)**  
[25] EN  
[54] **COUPLING MEMBER CONFIGURATED FOR USE WITH SURGICAL DEVICES**  
[54] **ELEMENT DE COUPLAGE CONFIGURE POUR UNE UTILISATION AVEC DES DISPOSITIFS CHIRURGICAUX**  
[72] WILLIAMS, JUSTIN, US  
[71] COVIDIEN LP, US  
[22] 2014-06-19  
[41] 2015-01-08  
[30] US (13/936,289) 2013-07-08

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[51] **Int.Cl. B25B 23/142 (2006.01) B25B 13/00 (2006.01)**  
[25] EN  
[54] **TORQUE WRENCH WITH SCHOCK ABSORPTION**  
[54] **CLE DYNAMOMETRIQUE AVEC AMORTISSEUR DE CHOCS**  
[72] LEE, NATHAN J., US  
[72] OLSEN, JONATHAN J., US  
[72] PHIPPS, DANIEL A., US  
[72] REINECKER, GREGORY E., US  
[72] KALTENBACH, PETER A., US  
[71] SNAP-ON INCORPORATED, US  
[22] 2014-06-19  
[41] 2015-01-08  
[30] US (13/936,683) 2013-07-08

[21] **2,855,023**  
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[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**  
[25] EN  
[54] **STIMULATION DEVICE**  
[54] **DISPOSITIF DE STIMULATION**  
[72] ZSCHAECK, THOMAS, DE  
[72] HARTLEP, ANDREAS, DE  
[71] CERBOMED GMBH, DE  
[22] 2014-06-17  
[41] 2015-01-10  
[30] DE (10 2013 011 530.2) 2013-07-10

[21] **2,855,041**  
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[51] **Int.Cl. B66F 9/22 (2006.01)**  
[25] EN  
[54] **INDUSTRIAL VEHICLE**  
[54] **VEHICULE INDUSTRIEL**  
[72] KATO, NORIHIKO, JP  
[72] KOIDE, YUKIKAZU, JP  
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP  
[22] 2014-06-20  
[41] 2015-01-05  
[30] JP (2013-141660) 2013-07-05

[21] **2,855,046**  
[13] A1

[51] **Int.Cl. C08L 33/12 (2006.01) C08J 3/05 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 133/12 (2006.01) C08L 43/02 (2006.01)**  
[25] EN  
[54] **BIMODAL ADSORBING LATEX**  
[54] **LATEX ADSORBANT BIMODAL**  
[72] BOHLING, JAMES C., US  
[72] KEEFE, MELINDA H., US  
[72] COOPER, BETH, US  
[72] SCHAEFER, MARGO, US  
[71] ROHM AND HAAS COMPANY, US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[22] 2014-06-25  
[41] 2015-01-08  
[30] US (61/843,532) 2013-07-08

[21] **2,855,111**  
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01)**  
[25] EN  
[54] **CRT WASTE TREATMENT AND RECYCLING**  
[54] **TRAITEMENT ET RECYCLAGE DES DECHETS DE TUBES A RAYONS CATHODIQUES**  
[72] WELK, RONALD J., US  
[71] PEORIA DISPOSAL COMPANY, US  
[22] 2014-06-25  
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[30] US (61/843,097) 2013-07-05

[21] **2,855,158**  
[13] A1

[51] **Int.Cl. B64D 43/00 (2006.01) G01C 9/00 (2006.01) G01P 5/165 (2006.01)**  
[25] FR  
[54] **AIRCRAFT INCLUDING A MEASUREMENT PROBE AND DETERMINATION PROCESS FOR FLIGHT PARAMETERS IN SUCH AN AIRCRAFT**  
[54] **AERONEF COMPRENANT UNE SONDRE DE MESURE ET PROCEDE DE DETERMINATION DE PARAMETRES DE VOL D'UN TEL AERONEF**  
[72] MANDLE, JACQUES, FR  
[71] THALES, FR  
[22] 2014-06-23  
[41] 2015-01-04  
[30] FR (13 01 590) 2013-07-04

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[13] A1

[51] **Int.Cl. C08J 7/16 (2006.01) A61L 33/06 (2006.01)**  
[25] EN  
[54] **MODIFICATION OF BIOMEDICAL POLYMERS FOR PREVENTION OF FOULING AND CLOTTING**  
[54] **MODIFICATION DE POLYMERES BIOMEDICAUX POUR LA PREVENTION DE LA SALISSURE ET DE LA COAGULATION**  
[72] THOMPSON, MICHAEL, CA  
[72] SHEIKH, SONIA, CA  
[72] SHENG, JACK CHIH-CHIEH, CA  
[72] BLASZYKOWSKI, CHRISTOPHE, CA  
[72] FEDOROV, KIRIL, CA  
[71] ECONOUS SYSTEMS INC., CA  
[22] 2014-06-25  
[41] 2015-01-04  
[30] US (13/935,526) 2013-07-04

[21] **2,855,294**  
[13] A1

[51] **Int.Cl. B23B 31/02 (2006.01) B23B 31/06 (2006.01)**  
[25] EN  
[54] **A WORK PIECE CHUCK OF A MANIPULATOR**  
[54] **MANDRIN DE PIECE D'UN MANIPULATEUR**  
[72] CHEN, QIYUE, CN  
[71] TAIZHOU FEDERAL ROBOT TECHNOLOGY CO., LTD., CN  
[22] 2014-06-25  
[41] 2015-01-05  
[30] CN (CN201310283431.9) 2013-07-05

[21] **2,855,302**  
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61L 27/54 (2006.01)**  
[25] EN  
[54] **TWO-PART ARTICULATING JOINT SPACER AND METHOD FOR PRODUCING SAID JOINT SPACER**  
[54] **ESPACEUR D'ARTICULATION ARTICULE EN DEUX PARTIES ET PROCEDE POUR PRODUIRE LEDIT ESPACEUR D'ARTICULATION**  
[72] KIM, HIENG, DE  
[71] HERAEUS MEDICAL GMBH, DE  
[22] 2014-06-25  
[41] 2015-01-08  
[30] DE (10 2013 011 296.6) 2013-07-08

[21] **2,855,303**  
[13] A1

[51] **Int.Cl. B05C 17/01 (2006.01) B01F 5/06 (2006.01)**  
[25] EN  
[54] **DEVICE FOR STORING AND MIXING BONE CEMENT**  
[54] **DISPOSITIF POUR STOCKER ET MELANGER DU CIMENT OSSEUX**  
[72] VOGT, SEBASTIAN, DE  
[71] HERAEUS MEDICAL GMBH, DE  
[22] 2014-06-25  
[41] 2015-01-08  
[30] DE (10 2013 011 295.8) 2013-07-08

[21] **2,855,394**  
[13] A1

[51] **Int.Cl. F24H 9/00 (2006.01) F24H 1/10 (2006.01)**  
[25] EN  
[54] **PRESSURE COMPENSATION AND MIXING DEVICE FOR FLUID HEATERS**  
[54] **COMPENSATION DE PRESSION ET DISPOSITIF MELANGEUR POUR APPAREILS DE CHAUFFAGE DE FLUIDE**  
[72] WICKELMAIER, PETER, DE  
[72] LAGING, JOHANNES, DE  
[71] TRUMA GERATETECHNIK GMBH & CO., DE  
[22] 2014-07-02  
[41] 2015-01-09  
[30] DE (20 2013 006 208.8) 2013-07-09

[21] **2,855,401**  
[13] A1

[51] **Int.Cl. A62D 1/00 (2006.01)**  
[25] EN  
[54] **FIRE FIGHTING WATER ADDITIVE**  
[54] **ADDITIF POUR EAU ANTI-INCENDIE**  
[72] STEPANCIC, JOHN PAUL, AU  
[71] BIOCENTRAL LABORATORIES LIMITED, AU  
[22] 2014-06-30  
[41] 2015-01-05  
[30] AU (2013206711) 2013-07-05

[21] **2,855,417**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/30 (2006.01)**  
[25] EN  
[54] **IMPROVED HYDROCARBON RECOVERY PROCESS EXPLOITING MULTIPLE INDUCED FRACTURES**  
[54] **PROCEDE DE RECUPERATION D'HYDROCARBURES AMELIORE EXPLOITANT DE MULTIPLES FRACTURES INDUITES**  
[72] AYASSE, CONRAD, CA  
[71] IOR CANADA LTD., CA  
[22] 2014-07-02  
[41] 2015-01-04  
[30] CA (2,820,742) 2013-07-04  
[30] CA (2,835,592) 2013-11-28

[21] **2,855,420**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR BUNDLING IMAGES AND DEVICES THEREOF**  
[54] **PROCEDES POUR GROUPER DES IMAGES ET DISPOSITIFS DE CEUX-CI**  
[72] SCODA, ENRICO, IT  
[71] USABLENET INC., US  
[22] 2014-07-03  
[41] 2015-01-09  
[30] US (13/937,596) 2013-07-09

[21] **2,855,429**  
[13] A1

[51] **Int.Cl. G06T 17/20 (2006.01)**  
[25] EN  
[54] **TECHNIQUES FOR SPATIALLY SORTING GRAPHICS INFORMATION**  
[54] **TECHNIQUES POUR TRIER SPATIALEMENT DES INFORMATIONS GRAPHIQUES**  
[72] GIERACH, JOHN G., US  
[72] SCHLUESSLER, TRAVIS T., US  
[71] INTEL CORPORATION, US  
[22] 2014-07-03  
[41] 2015-01-09  
[30] US (13/938,192) 2013-07-09

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[13] A1

[51] **Int.Cl. H02M 1/32 (2007.01) H02H 7/12 (2006.01)**  
[25] EN  
[54] **CIRCUIT FOR FAULT PROTECTION**  
[54] **CIRCUIT DE PROTECTION CONTRE LES DEFAUTS**  
[72] WU, TAO, CN  
[72] ZHANG, YING, CN  
[72] QIN, LAIGUI, CN  
[72] ZHANG, YINGQI, CN  
[72] ZHANG, FAN, CN  
[72] HAO, XIN, CN  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-07-03  
[41] 2015-01-05  
[30] CN (201310282340.3) 2013-07-05

[21] **2,855,447**  
[13] A1

[51] **Int.Cl. A43C 15/06 (2006.01)**  
[25] FR  
[54] **CLEAT FOR FOOTWEAR**  
[54] **CRAMPON POUR CHAUSSURE**  
[72] GIRARD, FRANCOIS, FR  
[71] SALOMON S.A.S., FR  
[22] 2014-06-30  
[41] 2015-01-04  
[30] FR (13.01594) 2013-07-04

[21] **2,855,485**  
[13] A1

[51] **Int.Cl. G06F 11/30 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **DATA QUALITY MONITORS**  
[54] **SYSTEMES DE SURVEILLANCE DE QUALITE DES DONNEES**  
[72] KIRN, MALINA, US  
[71] PALANTIR TECHNOLOGIES, INC., US  
[22] 2014-07-03  
[41] 2015-01-05  
[30] US (13/935,861) 2013-07-05  
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[21] **2,855,647**  
[13] A1

[51] **Int.Cl. D06F 23/00 (2006.01)**  
[25] EN  
[54] **WATER INLET SPRAYER FOR LOW PRESSURE (WILP)**  
[54] **VAPORISATEUR D'ENTREE D'EAU POUR FAIBLE PRESSION**  
[72] PLATA AMARILLAS, SANTIAGO ALONSO, MX  
[72] MERINO CERVANTES, RAMON, MX  
[71] MABE, S.A. DE C.V., MX  
[22] 2014-07-03  
[41] 2015-01-04  
[30] MX (MX/A/2013/007876) 2013-07-04

[21] **2,855,651**  
[13] A1

[51] **Int.Cl. F16L 41/02 (2006.01) F16K 11/00 (2006.01)**  
[25] EN  
[54] **A MULTI-PART CONCENTRIC MANIFOLD AND METHOD OF MAKING THE MANIFOLD**  
[54] **COLLECTEUR CONCENTRIQUE A PARTIES MULTIPLES ET PROCEDE DE FABRICATION DUDIT COLLECTEUR**  
[72] LANDRUM, MICHAEL T., US  
[71] SPX CORPORATION, US  
[22] 2014-07-02  
[41] 2015-01-09  
[30] US (13/937.509) 2013-07-09

[21] **2,855,652**  
[13] A1

[51] **Int.Cl. F25D 11/00 (2006.01)**  
[25] EN  
[54] **PORTABLE COOLER**  
[54] **GLACIERE PORTATIVE**  
[72] LOCKWOOD, BRAD, US  
[71] LOCKWOOD, BRAD, US  
[22] 2014-07-03  
[41] 2015-01-05  
[30] US (61/843,078) 2013-07-05

[21] **2,855,659**  
[13] A1

[51] **Int.Cl. H04N 5/232 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD TO REDUCE PTZ LATENCY**  
[54] **APPAREIL ET METHODE DE REDUCTION DE LATENCE PTZ**  
[72] ZHUANG, HANWEI, US  
[72] CHEN, JIE, US  
[72] ZHOU, HANJIN, US  
[72] HUANG, ZHENGHONG, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[22] 2014-07-02  
[41] 2015-01-10  
[30] US (13/938,873) 2013-07-10

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[13] A1

[51] **Int.Cl. F16H 57/03 (2012.01) F16H 57/021 (2012.01)**  
[25] EN  
[54] **GEARBOX**  
[54] **BOITE DE VITESSES**  
[72] BRUNAZZI, ACHILLE, IT  
[72] TENCA, GIANNI, IT  
[72] FONTANA, PAOLO, IT  
[72] NEGRELLI, MATTEO, IT  
[71] COMER INDUSTRIES S.P.A., IT  
[22] 2014-07-03  
[41] 2015-01-04  
[30] IT (MO2013A000195) 2013-07-04

[21] **2,855,676**  
[13] A1

[51] **Int.Cl. F02C 7/04 (2006.01) B64D 33/02 (2006.01) F01D 25/02 (2006.01) F02C 7/047 (2006.01)**  
[25] EN  
[54] **SPLITTER NOSE WITH A SHEET THAT FORMS A SURFACE TO GUIDE THE FLOW AND ACTS AS A DE-ICING DUCT**  
[54] **NEZ DE SEPARATEUR AVEC UNE FEUILLE FORMANT UNE SURFACE POUR GUIDER L~ECOULEMENT ET AGISSANT COMME CONDUIT DE DEGIVRAGE**  
[72] HERBAUT, GHISLAIN, BE  
[72] BALDEWIJNS, BENOIT, BE  
[71] TECHSPACE AERO S.A., BE  
[22] 2014-07-02  
[41] 2015-01-05  
[30] EP (13175411.1) 2013-07-05

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[51] **Int.Cl. C10C 3/08 (2006.01) C10G 1/04 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PRODUCING A BITUMEN PRODUCT**  
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT BITUMINEUX**  
[72] SCHLOSBERG, RICHARD H., US  
[72] JORDAN, RICHARD D., US  
[72] DIEFENTHAL, EDWARD L., US  
[71] EPIC OIL EXTRACTORS, LLC, US  
[22] 2014-07-03  
[41] 2015-01-10  
[30] US (13/939,020) 2013-07-10

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[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/584 (2006.01) F17D 1/17 (2006.01)**  
[25] EN  
[54] **FORMULATION AND METHOD OF USE FOR EXPLOITATION AND TRANSPORT OF HEAVY AND EXTRA HEAVY OIL WELLS**  
[54] **FORMULATION ET PROCEDE D'UTILISATION POUR L'EXPLOITATION ET LE TRANSPORT DES Puits DE PETROLE LOURD ET EXTRA LOURD**  
[72] MANRIQUE, PABLO, VE  
[72] ARCHER, FRANKLIN, VE  
[71] INTEVEP, S.A., VE  
[22] 2014-07-03  
[41] 2015-01-05  
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[21] **2,855,778**  
[13] A1

[51] **Int.Cl. B62B 3/04 (2006.01) B62B 5/06 (2006.01)**  
[25] EN  
[54] **TROLLEY**  
[54] **CHARRIOT**  
[72] CHRISTIE, HUNTLY GORDON, US  
[72] ADLER, PERCY, CA  
[71] CHRISTIE LITES ENTERPRISES CANADA INC., CA  
[71] ADLER METAL WORKS LIMITED, CA  
[22] 2014-07-04  
[41] 2015-01-10  
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[51] **Int.Cl. C08G 64/18 (2006.01) C08G 63/64 (2006.01) C08G 63/78 (2006.01) C08G 64/30 (2006.01)**  
[25] EN  
[54] **POLYESTER/POLYCARBONATE BLOCK COPOLYMERS VIA ONE-POT, NEAT RING OPENING POLYMERIZATION**  
[54] **COPOLYMERES BLOCS POLYESTERIQUES/POLYCARBONES A POLYMERISATION PAR OUVERTURE DE CHAINE**  
[72] MYLES, ANDREW J., CA  
[72] MOFFAT, KAREN A., CA  
[72] WOSNICK, JORDAN H., CA  
[72] FARRUGIA, VALERIE M., CA  
[71] XEROX CORPORATION, US  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 2014-07-03  
[41] 2015-01-10  
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[13] A1

[51] **Int.Cl. H02H 9/02 (2006.01) H03K 17/56 (2006.01)**  
[25] EN  
[54] **DISPOSITIF ET PROCEDE DE PROTECTION CONTRE DES COURANTS DE FUITE**  
[54] **DISPOSITIF ET PROCEDE DE PROTECTION CONTRE DES COURANTS DE FUITE**  
[72] GUENOT, STEPHANE, FR  
[72] AOUSTIN, LOIC, FR  
[72] PRADIER, JEAN-CLAIR, FR  
[71] ZODIAC AERO ELECTRIC, FR  
[22] 2014-07-03  
[41] 2015-01-04  
[30] FR (13 56 556) 2013-07-04  
[30] US (61/856.190) 2013-07-19

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[21] **2,855,866**  
[13] A1

[51] **Int.Cl. A47B 96/02 (2006.01) A47B 45/00 (2006.01) A47F 5/00 (2006.01)**  
[25] EN  
[54] **SHELF EXTENDER**  
[54] **PROLONGATEUR D'ETAGERE**  
[72] MISENER, AARON, US  
[72] TAYLOR, CURTIS, US  
[71] PROCESS4, INC., US  
[22] 2014-07-03  
[41] 2015-01-08  
[30] US (61/843,587) 2013-07-08

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[13] A1

[51] **Int.Cl. B01D 33/06 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR EXTRACTING PARTICULATE FROM RAW SLURRY MATERIAL**  
[54] **SYSTEMES ET PROCEDES POUR EXTRAIRE DE LA MATIERE PARTICULAIRE D'UNE SUBSTANCE BOUEUSE BRUTE**  
[72] DEWAARD, DAVID, US  
[71] DARITECH, INC., US  
[22] 2014-07-03  
[41] 2015-01-05  
[30] US (61/843,307) 2013-07-05

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[21] **2,856,000**  
[13] A1

[51] **Int.Cl. B63H 21/38 (2006.01) B63H 20/00 (2006.01) B63H 21/17 (2006.01) H02K 7/14 (2006.01)**  
[25] EN  
[54] **SHIP'S PROPULSION UNIT**  
[54] **UNITE DE PROPULSION DE NAVIRE**  
[72] SAKKINEN, PETRI, FI  
[72] TOIVANEN, OLLI, FI  
[71] ABB OY, FI  
[22] 2014-07-08  
[41] 2015-01-09  
[30] EP (13175692.6) 2013-07-09

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[21] **2,856,009**  
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 6/00 (2006.01)**  
[25] EN  
[54] **RADIATION-FREE POSITION CALIBRATION OF A FLUOROSCOPE**  
[54] **ETALONNAGE DE POSITION SANS RAYONNEMENT D'UN FLUOROSCOPE**  
[72] MERSCHON, ASAF, IL  
[72] ZINO, ELIAHU, IL  
[72] KLEMM, OFER ELIAHU, US  
[72] KRUPNIK, RONEN, IL  
[72] MIZRAHI, LIRON SHMUEL, IL  
[72] URMAN, ROY, IL  
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL  
[22] 2014-07-07  
[41] 2015-01-09  
[30] US (13/937,508) 2013-07-09

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[21] **2,856,014**  
[13] A1

[51] **Int.Cl. A61K 31/357 (2006.01) A61K 9/14 (2006.01) A61K 31/164 (2006.01) A61K 36/28 (2006.01) A61P 13/12 (2006.01)**

[25] EN

[54] **COMBINED USE OF AMIDES OF MONO- AND DICARBOXYLIC ACIDS AND SILYMARIN IN THE TREATMENT OF RENAL DISEASES**

[54] **UTILISATION COMBINEE D'AMIDES D'ACIDES MONO ET DICARBOXYLIQUES ET DE SILYMARINE DANS LE TRAITEMENT DES MALADIES RENALES**

[72] DELLA VALLE, FRANCESCO, IT

[72] DELLA VALLE, MARIA FEDERICA, IT

[72] MARCOLONGO, GABRIELE, IT

[72] CUZZOCREA, SALVATORE, IT

[71] EPITECH GROUP S.R.L., IT

[22] 2014-07-04

[41] 2015-01-05

[30] IT (MI2013A001132) 2013-07-05

[21] **2,856,020**  
[13] A1

[51] **Int.Cl. B63H 20/06 (2006.01) B63H 21/30 (2006.01)**

[25] EN

[54] **SHIP'S PROPULSION UNIT**

[54] **UNITE DE PROPULSION DE NAVIRE**

[72] SAKKINEN, PETRI, FI

[71] ABB OY, FI

[22] 2014-07-08

[41] 2015-01-09

[30] EP (13175690.0) 2013-07-09

[21] **2,856,022**  
[13] A1

[51] **Int.Cl. B65G 67/00 (2006.01) B65G 69/24 (2006.01) B66F 9/02 (2006.01)**

[25] EN

[54] **AUTOMATIC SYSTEM AND METHOD FOR LOADING AND UNLOADING CONTAINERS**

[54] **SYSTEME AUTOMATIQUE ET PROCEDE POUR CHARGER ET DECHARGER DES CONTENEURS**

[72] CALLEJON FERNANDEZ, JOSE, ES

[71] CALLEJON FERNANDEZ, JOSE, ES

[22] 2014-07-08

[41] 2015-01-08

[30] ES (201331025) 2013-07-08

[21] **2,856,026**  
[13] A1

[51] **Int.Cl. B63H 20/00 (2006.01) B63H 20/32 (2006.01) B63H 21/30 (2006.01) B63H 21/38 (2006.01) F01P 3/00 (2006.01)**

[25] EN

[54] **SHIP'S PROPULSION UNIT**

[54] **UNITE DE PROPULSION DE NAVIRE**

[72] SAKKINEN, PETRI, FI

[71] ABB OY, FI

[22] 2014-07-08

[41] 2015-01-09

[30] EP (13175688.4) 2013-07-09

[21] **2,856,031**  
[13] A1

[51] **Int.Cl. F04C 14/06 (2006.01) F04C 15/00 (2006.01) F04C 15/06 (2006.01)**

[25] EN

[54] **PUMP**

[54] **POMPE**

[72] HOLTSMANN, LUDGER, DE

[72] ROSENKRANZ, KERSTIN, DE

[71] MAGNA POWERTRAIN BAD HOMBURG GMBH, DE

[22] 2014-07-08

[41] 2015-01-08

[30] DE (DE 102013107176.7) 2013-07-08

[21] **2,856,035**  
[13] A1

[51] **Int.Cl. A61B 5/107 (2006.01) A61B 5/0402 (2006.01) A61B 5/042 (2006.01) A61B 18/12 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **MODEL BASED RECONSTRUCTION OF THE HEART FROM SPARSE SAMPLES**

[54] **RECONSTRUCTION BASEE SUR UN MODELE DU COEUR A PARTIR D'UN NOMBRE REDUIT D'ECHANTILLONS**

[72] SAFRAN, MOSHE, IL

[72] BAR-TAL, MEIR, IL

[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL

[22] 2014-07-07

[41] 2015-01-09

[30] US (61/844,024) 2013-07-09

[30] US (14/313,214) 2014-06-24

[21] **2,856,184**  
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/14 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **FRACTURING VALVE**

[54] **VANNE DE FRACTURATION**

[72] GETZLAF, DONALD, CA

[72] RAVENSBERGEN, JOHN, CA

[72] BRUNSKILL, DOUGLAS JAMES, CA

[71] NCS OILFIELD SERVICES CANADA INC., CA

[22] 2014-07-09

[41] 2015-01-10

[30] CA (2,820,704) 2013-07-10

[30] US (14/321,558) 2014-07-01

[21] **2,856,233**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) H04W 4/14 (2009.01) H04W 12/06 (2009.01) G06Q 20/32 (2012.01)**

[25] EN

[54] **METHODS AND DEVICES FOR FRAUD DETECTION DURING MOBILE PAYMENT**

[54] **METHODES ET DISPOSITIFS DE DETECTION DE FRAUDE PENDANT UN PAIEMENT PAR APPAREIL MOBILE**

[72] KUMAR, VINAY, CA

[72] DORFF, JEPPE, CA

[71] ROGERS COMMUNICATIONS INC., CA

[22] 2014-07-09

[41] 2015-01-10

[30] US (13/938,386) 2013-07-10

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[21] **2,856,246**  
[13] A1

[51] **Int.Cl. H04H 60/33 (2009.01) H04N 21/258 (2011.01)**  
[25] EN  
[54] **METHODS AND APPARATUS TO CHARACTERIZE HOUSEHOLDS WITH MEDIA METER DATA**  
[54] **PROCEDES ET APPAREIL POUR CARACTERISER DES MENAGES AU MOYEN DE DONNEES DE COMPTEUR DE MEDIAS**  
[72] SHANKAR, BALACHANDER, US  
[72] POPPIE, MOLLY, US  
[72] DOLSON, TIMOTHY, US  
[72] KURZYNSKI, DAVID J., US  
[72] GARCIA, JARRET, US  
[72] CHMURA, LUKASZ, US  
[72] YOU, HUAXIN, US  
[72] DOE, PETER CAMPBELL, US  
[72] BOURQUIN, CHRISTINE, US  
[72] BURR, JONE MARY, US  
[71] THE NIELSEN COMPANY (US), LLC, US  
[22] 2014-07-09  
[41] 2015-01-09  
[30] US (61/844,301) 2013-07-09

[21] **2,856,256**  
[13] A1

[51] **Int.Cl. B60P 1/64 (2006.01) B62D 53/04 (2006.01) B65G 67/02 (2006.01)**  
[25] EN  
[54] **MODULAR MOVING SYSTEM AND APPARATUS**  
[54] **SYSTEME ET APPAREIL DE DEMENAGEMENT MODULAIRE**  
[72] BUDD, DAVID S., US  
[72] GIBSON, DONALD L., JR., US  
[72] GAUNTT, GEORGE, US  
[72] STEWART, SCOTT, US  
[72] PATRICK, KEVIN, US  
[72] SHEARER, RON, US  
[71] MAGNA VAN DEVELOPMENT COMPANY, LLC, US  
[22] 2014-07-08  
[41] 2015-01-09  
[30] US (61/844,017) 2013-07-09  
[30] US (14/322,337) 2014-07-02

[21] **2,856,292**  
[13] A1

[51] **Int.Cl. B65D 5/49 (2006.01)**  
[25] EN  
[54] **PACKAGING SYSTEM FOR TOILET COMPONENTS**  
[54] **SYSTEME D'EMBALLAGE POUR COMPOSANTES DE TOILETTE**  
[72] CURTIS, PAUL, GB  
[72] RINGHOLZ, DAVID, US  
[71] MASCO CORPORATION OF INDIANA, US  
[22] 2014-07-08  
[41] 2015-01-10  
[30] US (61/844,856) 2013-07-10

[21] **2,856,327**  
[13] A1

[51] **Int.Cl. B65D 33/25 (2006.01)**  
[25] EN  
[54] **FASTENER MATERIAL ADVANCING DIRECTION CHANGING APPARATUS**  
[54] **APPAREIL DE CHANGEMENT DE DIRECTION VERS L'AVANT DE MATERIAU DE FIXATION**  
[72] OHNISHI, YUJI, JP  
[71] TOTANI CORPORATION, JP  
[22] 2014-07-09  
[41] 2015-01-10  
[30] JP (2013-144420) 2013-07-10

[21] **2,856,332**  
[13] A1

[51] **Int.Cl. D21H 23/22 (2006.01) A41B 15/00 (2006.01) A61K 9/70 (2006.01) A61K 36/00 (2006.01) A61P 37/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A TISSUE PAPER SHEET MATERIAL CONTAINING AN ADJUVANT SUBSTANCE FOR THE TREATMENT OF ALLERGIC RHINITIS, AND THE PRODUCT OBTAINED**  
[54] **METHODE DE PRODUCTION D'UN MATERIAU DE TISSU PAPIER CONTENANT UNE SUBSTANCE ADJUVANTE POUR LE TRAITEMENT DE LA RHINITE ALLERGIQUE ET LE PRODUIT OBTENU DE LA METHODE**  
[72] STEFANI, EMI, IT  
[71] DELICARTA S.P.A., IT  
[22] 2014-07-09  
[41] 2015-01-10  
[30] IT (FI2013A000167) 2013-07-10

[21] **2,856,363**  
[13] A1

[51] **Int.Cl. G06F 21/85 (2013.01) G06F 21/86 (2013.01) G06F 1/16 (2006.01)**  
[25] EN  
[54] **ELECTRO-MECHANIC USB LOCKING DEVICE**  
[54] **DISPOSITIF DE VERROUILLAGE USB ELECTROMECHANIQUE**  
[72] SOFFER, AVIV, IL  
[71] HIGH SEC LABS LTD., IL  
[22] 2014-07-09  
[41] 2015-01-09  
[30] US (13/937,581) 2013-07-09

[21] **2,856,378**  
[13] A1

[51] **Int.Cl. C10M 159/22 (2006.01)**  
[25] EN  
[54] **MARINE ENGINE LUBRICATION**  
[54] **LUBRIFICATION DE MOTEUR MARIN**  
[72] GREGORY, LAURA, GB  
[72] SHORT, BEN, GB  
[71] INFINEUM INTERNATIONAL LIMITED, GB  
[22] 2014-07-09  
[41] 2015-01-09  
[30] EP (13175702.3) 2013-07-09

[21] **2,856,394**  
[13] A1

[51] **Int.Cl. B27B 29/02 (2006.01)**  
[25] EN  
[54] **TIMBERJACK**  
[54] **AIDE DE CHANTIER DE COUPE DE BOIS**  
[72] STROMSTAD, ADAM, US  
[72] REDETZDE, ROBERT, US  
[71] NORTHERN TOOL & EQUIPMENT COMPANY, INC., US  
[22] 2014-07-10  
[41] 2015-01-10  
[30] US (61/844/783) 2013-07-10

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[21] **2,856,416**  
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **INTERACTIVE DISPLAY SYSTEM FOR FOOD AND ENTERTAINMENT RETAIL ESTABLISHMENTS**  
[54] **SYSTEME D'AFFICHAGE INTERACTIF POUR LES ETABLISSEMENTS DE VENTE AU DETAIL D'ALIMENTS ET DE DIVERTISSEMENTS**  
[72] BHRAMI, NIMA, US  
[72] VERNAGLIA, ANTHONY, US  
[72] VERNAGLIA, KIP, US  
[71] SIRV INTERACTIVE, INC., US  
[22] 2014-07-09  
[41] 2015-01-09  
[30] US (61/844348) 2013-07-09  
[30] US (14/327126) 2014-07-09

[21] **2,856,430**  
[13] A1

[51] **Int.Cl. G06F 3/042 (2006.01) G06F 3/0488 (2013.01)**  
[25] EN  
[54] **OPERATING A DEVICE USING TOUCHLESS AND TOUCHSCREEN GESTURES**  
[54] **FONCTIONNEMENT D'UN DISPOSITIF A L'AIDE DE GESTES NON TACTILES ET DE GESTES TACTILES**  
[72] MANKOWSKI, PETER, CA  
[72] CACL, JOSEPH, CA  
[72] WU, XIAOWEI, CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2014-07-09  
[41] 2015-01-09  
[30] EP (13175807.0) 2013-07-09

[21] **2,856,438**  
[13] A1

[51] **Int.Cl. F01C 1/356 (2006.01) F04C 2/356 (2006.01)**  
[25] EN  
[54] **ROTARY VANE MOTOR**  
[54] **MOTEUR A AILETTES ROTATIVES**  
[72] LANDRUM, MICHAEL T., US  
[71] SPX CORPORATION, US  
[22] 2014-07-08  
[41] 2015-01-10  
[30] US (13/938.652) 2013-07-10

[21] **2,856,541**  
[13] A1

[51] **Int.Cl. B65D 55/02 (2006.01)**  
[25] EN  
[54] **LOCKABLE ENCLOSURE SYSTEM**  
[54] **DISPOSITIF D'ENCEINTE VERROUILLABLE**  
[72] NORRIS, JOSEPH, CA  
[71] WIRELESS RESIDENT NURSE ALERT TECHNOLOGY, INC., CA  
[22] 2014-07-10  
[41] 2015-01-10  
[30] US (61/844,563) 2013-07-10  
[30] US (13/938,554) 2013-07-10

[21] **2,856,620**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) G06F 17/00 (2006.01) H04L 12/12 (2006.01)**  
[25] EN  
[54] **ADAPTIVE CONTENT DELIVERY**  
[54] **LIVRAISON ADAPTATIVE DE CONTENU**  
[72] FREIMAN, DANIEL, US  
[72] GASTON, MAURICE, US  
[72] ARAUJO, FILIPE, US  
[71] COMCAST CABLE COMMUNICATIONS, LLC, US  
[22] 2014-07-10  
[41] 2015-01-10  
[30] US (61/844,693) 2013-07-10

[21] **2,856,830**  
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01) E21B 34/06 (2006.01)**  
[25] EN  
[54] **DOWNHOLE TOOL HAVING A SHOCK-ABSORBING SLEEVE**  
[54] **OUTIL DE FOND DE Puits COMPORTANT UN MANCHON ANTICHOC**  
[72] ANGMAN, PER, CA  
[72] GRAF, KEVIN, CA  
[72] BAUDISTEL, CHRIS, CA  
[72] ANDREYCHUK, MARK, CA  
[71] KOBOLD SERVICES INC., CA  
[22] 2014-07-10  
[41] 2015-01-10  
[30] US (61/844,664) 2013-07-10

[21] **2,856,879**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0295 (2006.01) A61B 5/0402 (2006.01) A61B 5/087 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR MEASURING AND RECORDING A USER'S VITAL SIGNS**  
[54] **SYSTEME POUR MESURER ET ENREGISTRER LES SIGNES VITAUX D'UN UTILISATEUR**  
[72] SAEED AZIMI, US  
[71] SAEED AZIMI, US  
[22] 2014-07-14  
[41] 2015-01-08  
[30] US (13/961,441) 2013-07-08

[21] **2,863,070**  
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01)**  
[25] EN  
[54] **COATED ICE MELTING COMPOSITIONS**  
[54] **COMPOSITIONS D'AGENTS DE FONTE DE GLACE REVETUS**  
[72] MATUSZCZAK, STEPHEN, US  
[72] SHAH, SYED ALI, US  
[72] WAATTI, KURT JOHN, US  
[71] MORTON SALT, INC., US  
[22] 2014-07-09  
[41] 2015-01-10  
[30] US (13/938.767) 2013-07-10

[21] **2,863,072**  
[13] A1

[51] **Int.Cl. B62D 5/12 (2006.01) B60G 13/08 (2006.01) B60G 17/08 (2006.01) F16F 9/56 (2006.01)**  
[25] EN  
[54] **DUAL INLINE HYDRAULIC DEVICE**  
[54] **DISPOSITIF HYDRAULIQUE ALIGNE DOUBLE**  
[72] LAMOUREUX, MARTIN, CA  
[72] ROUSSEAU, NICOLAS, CA  
[72] TELLIER, PATRICK, CA  
[71] ELKA SUSPENSION INC., CA  
[22] 2014-07-09  
[41] 2015-01-09  
[30] US (61/844.070) 2013-07-09

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[21] **2,869,476**

[13] A1

[51] **Int.Cl. H05F 3/02 (2006.01) H01R**  
**4/66 (2006.01)**

[25] EN

[54] **ELECTRICAL GROUNDING**  
**DEVICE**

[54] **DISPOSITIF DE MISE A LA**  
**TERRE ELECTRIQUE**

[72] MUNDLE, TERRY D., CA

[71] R U GROUNDED ENERGY INC., CA

[22] 2014-11-03

[41] 2015-01-08

[30] US (14/528,403) 2014-10-30

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[21] **2,870,073**

[13] A1

[51] **Int.Cl. C01D 3/06 (2006.01) C01D**  
**1/04 (2006.01) C01D 1/22 (2006.01)**

[25] EN

[54] **PROCESS FOR MANUFACTURE**  
**OF SODIUM HYDROXIDE AND**  
**SODIUM CHLORIDE**

[54] **PROCEDE DE FABRICATION DE**

**PRODUITS D'HYDROXYDE DE**  
**SODIUM ET DE CHLORURE DE**  
**SODIUM A PARTIR DE SAUMURE**  
**USEE**

[72] WORSLEY, JOHN H., AU

[71] WORSLEY, JOHN H., AU

[22] 2014-11-03

[41] 2015-01-09

[30] AU (2013902526) 2013-07-09

[30] AU (2014203695) 2014-07-06

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[13] A1  
[51] **Int.Cl. H01R 31/06 (2006.01) H01R 13/42 (2006.01) H04Q 1/02 (2006.01)**  
[25] EN  
[54] **PATCH CORD ASSEMBLIES, METHODS AND SYSTEMS**  
[54] **ENSEMBLES, PROCEDES ET SYSTEMES DE CORDONS DE RACCORDEMENT**  
[72] PEZZETTI, JOHN B., US  
[72] SHEW, ROBERT SCOTT, US  
[72] RYNASKI, CHESTER H., US  
[72] MOORE, GREGORY, US  
[71] ORTRONICS, INC., US  
[85] 2013-09-27  
[86] 2013-07-10 (PCT/US2013/049869)  
[87] (2831110)

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[21] **2,854,718**  
[13] A1  
[51] **Int.Cl. E04B 9/10 (2006.01) E04B 9/12 (2006.01)**  
[25] EN  
[54] **SUPPORT METAL STRUCTURE FOR A FALSE CEILING**  
[54] **STRUCTURE METALLIQUE DE SUPPORT POUR UN FAUX-PLAFOND**  
[72] CIPRIANI, GIUSEPPE, IT  
[71] CIPRIANI, GIUSEPPE, IT  
[85] 2014-05-06  
[86] 2012-11-07 (PCT/IB2012/056221)  
[87] (WO2013/068937)  
[30] IB (PCT/IB2011/055051) 2011-11-11

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[21] **2,872,340**  
[13] A1  
[51] **Int.Cl. A23N 17/00 (2006.01) A01K 5/00 (2006.01) B01F 7/04 (2006.01) B01F 15/02 (2006.01)**  
[25] EN  
[54] **AN ANIMAL FEED MIXING AND DISPENSING APPARATUS**  
[54] **APPAREIL DE MELANGE ET DE DISTRIBUTION D'ALIMENTS POUR ANIMAUX**  
[72] HUGHES, SAMUEL, GB  
[71] NEWROCK ENGINEERING LIMITED, GB  
[85] 2014-10-31  
[86] 2013-05-02 (PCT/IB2013/053484)  
[87] (WO2013/164785)  
[30] GB (1207920.8) 2012-05-04

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[21] **2,872,688**  
[13] A1  
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) C12N 15/113 (2010.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01)**  
[25] EN  
[54] **FEEDER-FREE DERIVATION OF HUMAN-INDUCED PLURIPOTENT STEM CELLS WITH SYNTHETIC MESSENGER RNA**  
[54] **DERIVATION SANS CELLULES NOURRICIERES DE CELLULES SOUCHES PLURIPOTENTES INDUITES HUMAINES AU MOYEN D'UN ARN MESSAGEUR SYNTHETIQUE**  
[72] WANG, JIWU, US  
[72] WARREN, LUIGI, US  
[72] NI, YUHUI, US  
[71] ALLELE BIOTECHNOLOGY AND PHARMACEUTICALS, INC., US  
[85] 2014-11-04  
[86] 2013-05-13 (PCT/US2013/040814)  
[87] (WO2013/173248)  
[30] US (61/646,292) 2012-05-13

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[21] **2,872,913**  
[13] A1  
[51] **Int.Cl. G05B 23/00 (2006.01) G05B 19/042 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONFIGURING A BLACKOUT PERIOD FOR SCHEDULED DIAGNOSTIC CHECKS OF A FIELD DEVICE IN A PROCESS PLANT**  
[54] **METHODE ET APPAREIL DE CONFIGURATION D'UNE PERIODE D'EXTINCTION DE SIGNAL POUR DES VERIFICATIONS DE DIAGNOSTIC PROGRAMMEES D'UN DISPOSITIF DE TERRAIN DANS UNE USINE DE TRAITEMENT**

[72] SEYLLER, JEFFREY DEAN, US  
[72] AMIRTHASAMY, STANLEY FELIX, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2014-11-06  
[86] 2013-05-09 (PCT/US2013/040354)  
[87] (WO2013/170033)  
[30] US (13/467,651) 2012-05-09

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[21] **2,873,193**  
[13] A1  
[51] **Int.Cl. A61B 5/00 (2006.01) A61G 99/00 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MONITORING THE HEALTH OF A USER**  
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA SANTE D'UN UTILISATEUR**  
[72] RASKIN, AZA, US  
[71] ALIPHCOM, US  
[71] RASKIN, AZA, US  
[85] 2014-11-10  
[86] 2013-05-09 (PCT/US2013/040352)  
[87] (WO2013/170032)  
[30] US (61/644,917) 2012-05-09  
[30] US (13/890,143) 2013-05-08

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[51] <b>Int.Cl. E21B 33/13 (2006.01) B32B 1/00 (2006.01) C09K 3/10 (2006.01) E21B 43/26 (2006.01)</b>	[51] <b>Int.Cl. A01N 59/16 (2006.01) A01N 25/02 (2006.01) A01N 31/02 (2006.01) A01P 1/00 (2006.01)</b>	[51] <b>Int.Cl. C12N 1/14 (2006.01) C12P 1/02 (2006.01) C12P 7/06 (2006.01)</b>
[25] EN	[25] EN	[25] FR
[54] <b>BALL SEALER FOR HYDROCARBON RESOURCE COLLECTION AS WELL AS PRODUCTION METHOD THEREFOR AND DOWNHOLE TREATMENT METHOD USING SAME</b>	[54] <b>SPRAYABLE, AQUEOUS ALCOHOLIC MICROBICIDAL COMPOSITIONS COMPRISING ZINC IONS</b>	[54] <b>YEAST STRAINS CAPABLE OF METABOLIZING XYLOSE AND RESISTANT TO INHIBITORS, METHOD FOR OBTAINING SAME AND USE THEREOF</b>
[54] <b>DISPOSITIF DE SCELLEMENT HERMETIQUE A BILLE POUR COLLECTE DE RESSOURCES D'HYDROCARBURES, AINSI QUE PROCEDE DE FABRICATION POUR CELUI-CI ET PROCEDE DE TRAITEMENT DE FOND DE TROU L'UTILISANT</b>	[54] <b>COMPOSITIONS MICROBICIDES ALCOOLIQUES AQUEUSES PULVERISABLES COMPRENANT DES IONS ZINC</b>	[54] <b>SOUCHES DE LEVURE APTES A METABOLISER LE XYLOSE ET RESISTANTES AUX INHIBITEURS, PROCEDE D'OBTENTION ET UTILISATION</b>
[72] OKURA, MASAYUKI, JP	[72] APOLLO, FRANK, US	[72] DESFOUGERES, THOMAS, FR
[72] SATO, HIROYUKI, JP	[72] DIEMER, JOHN, US	[72] PIGNEDE, GEORGES, FR
[71] KUREHA CORPORATION, JP	[72] IJAZ, MOHAMMAD KHALID, US	[71] LESAFFRE ET COMPAGNIE, FR
[85] 2014-11-18	[72] ZHU, YUN-PENG, US	[85] 2014-11-26
[86] 2013-08-05 (PCT/JP2013/071121)	[71] RECKITT BENCKISER LLC, US	[86] 2013-05-24 (PCT/FR2013/051137)
[87] (WO2014/024827)	[85] 2014-11-24	[87] (WO2013/178915)
	[86] 2013-06-28 (PCT/GB2013/051725)	[30] FR (1255076) 2012-06-01
	[87] (WO2014/006383)	
	[30] GB (1211702.4) 2012-07-02	
	[30] US (61/731,954) 2012-11-30	
[21] <b>2,874,506</b> [13] A1	[21] <b>2,874,816</b> [13] A1	[21] <b>2,875,196</b> [13] A1
[51] <b>Int.Cl. A01N 59/16 (2006.01) A01N 25/02 (2006.01) A01N 31/02 (2006.01) A01N 33/12 (2006.01) A01P 1/00 (2006.01)</b>	[51] <b>Int.Cl. H04N 19/70 (2014.01) H04N 19/159 (2014.01) H04N 19/177 (2014.01)</b>	[51] <b>Int.Cl. H04N 19/103 (2014.01) H04N 19/136 (2014.01) H04N 19/146 (2014.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>PRESSURIZED, SPRAYABLE AQUEOUS ALCOHOLIC MICROBICIDAL COMPOSITIONS COMPRISING ZINC IONS</b>	[54] <b>VIDEO PREDICTIVE ENCODING DEVICE, VIDEO PREDICTIVE ENCODING METHOD, VIDEO PREDICTIVE ENCODING PROGRAM, VIDEO PREDICTIVE DECODING DEVICE, VIDEO PREDICTIVE DECODING METHOD, AND VIDEO PREDICTIVE DECODING PROGRAM</b>	[54] <b>IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS</b>
[54] <b>COMPOSITIONS MICROBICIDES ALCOOLIQUES AQUEUSES SOUS PRESSION PULVERISABLES COMPRENANT DES IONS ZINC</b>	[54] <b>DISPOSITIF DE CODAGE PREDICTIF DE VIDEO, PROCEDE DE CODAGE PREDICTIF DE VIDEO, PROGRAMME DE CODAGE PREDICTIF DE VIDEO, DISPOSITIF DE DECODAGE PREDICTIF DE VIDEO, PROCEDE DE DECODAGE PREDICTIF DE VIDEO, PROGRAMME DE DECODAGE PREDICTIF DE VIDEO</b>	[54] <b>PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE</b>
[72] APOLLO, FRANK, US	[72] TAKIUE, JUNYA, JP	[72] TERADA, KENGO, JP
[72] DIEMER, JOHN, US	[72] BOON, CHOONG SENG, JP	[72] NISHI, TAKAHIRO, JP
[72] IJAZ, MOHAMMAD KHALID, US	[72] TAN, THIOU KENG, JP	[72] SHIBAHARA, YOUJI, JP
[72] ZHU, YUN-PENG, US	[71] NTT DOCOMO, INC., JP	[72] TANIKAWA, KYOKO, JP
[71] RECKITT BENCKISER LLC, US	[85] 2014-11-26	[72] SASAI, HISAO, JP
[85] 2014-11-24	[86] 2013-05-24 (PCT/JP2013/064498)	[72] SUGIO, TOSHIYASU, JP
[86] 2013-06-28 (PCT/GB2013/051722)	[87] (WO2014/006997)	[72] MATSUNOBU, TORU, JP
[87] (WO2014/006381)	[30] JP (2012-152700) 2012-07-06	[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[30] GB (1211691.9) 2012-07-02		[85] 2014-11-28
[30] US (61/731,923) 2012-11-30		[86] 2013-06-07 (PCT/JP2013/003607)
		[87] (WO2013/190796)
		[30] US (61/663,121) 2012-06-22

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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/60 (2014.01) H04N 19/86 (2014.01) H04N 19/625 (2014.01)**

[25] EN

[54] **IMAGE PROCESSING APPARATUS AND METHOD**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**

[72] NAKAGAMI, OHJI, JP

[71] SONY CORPORATION, JP

[85] 2014-11-28

[86] 2013-06-18 (PCT/JP2013/066667)

[87] (WO2014/002821)

[30] JP (2012-144217) 2012-06-27

[21] **2,875,213**  
[13] A1

[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/136 (2014.01) H04N 19/177 (2014.01)**

[25] EN

[54] **DECODING DEVICE AND DECODING METHOD**

[54] **DISPOSITIF ET PROCEDE DE DECODAGE**

[72] LU, SHUO, JP

[72] SATO, KAZUSHI, JP

[71] SONY CORPORATION, JP

[85] 2014-11-28

[86] 2013-06-21 (PCT/JP2013/067111)

[87] (WO2014/002898)

[30] JP (2012-147883) 2012-06-29

[30] JP (2012-218097) 2012-09-28

[21] **2,875,243**  
[13] A1

[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/114 (2014.01) H04N 19/177 (2014.01)**

[25] EN

[54] **ENCODING DEVICE AND ENCODING METHOD**

[54] **DISPOSITIF ET PROCEDE DE CODAGE**

[72] LU, SHUO, JP

[72] SATO, KAZUSHI, JP

[71] SONY CORPORATION, JP

[85] 2014-11-28

[86] 2013-06-21 (PCT/JP2013/067112)

[87] (WO2014/002899)

[30] JP (2012-147883) 2012-06-29

[30] JP (2012-218097) 2012-09-28

[21] **2,875,374**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY ANALYZING SOUND PRESSURE LEVELS**

[54] **PROCEDES ET SYSTEMES PERMETTANT DE REDUIRE UN DEBORDEMENT PAR L'ANALYSE DES NIVEAUX DE PRESSION ACOUSTIQUE**

[72] NIELSEN, CHRISTEN V., US

[71] THE NIELSEN COMPANY (US), LLC, US

[85] 2014-11-28

[86] 2014-03-07 (PCT/US2014/021986)

[87] (WO2014/164341)

[30] US (13/801,176) 2013-03-13

[30] AU (2013205025) 2013-04-13

[21] **2,875,429**  
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01)**

[25] EN

[54] **METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS**

[54] **PROCEDES ET APPAREIL DE SURVEILLANCE DE PRESENTATIONS MULTIMEDIAS**

[72] ALLA, MADHUSUDHAN REDDY, US

[72] RAMASWAMY, ARUN, US

[71] THE NIELSEN COMPANY (US), LLC, US

[85] 2014-11-28

[86] 2014-04-16 (PCT/US2014/034389)

[87] (WO2014/172472)

[30] US (61/813,019) 2013-04-17

[30] US (13/963,737) 2013-08-09

[21] **2,875,431**  
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01)**

[25] EN

[54] **METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL DATA**

[54] **PROCEDES ET APPAREIL POUR CORRELER DES DONNEES DE MESURE DE RECENSEMENT AVEC DES DONNEES DE PANEL**

[72] MCMILLAN, F. GAVIN, US

[71] THE NIELSEN COMPANY (US), LLC, US

[85] 2014-11-28

[86] 2014-04-24 (PCT/US2014/035332)

[87] (WO2014/176443)

[30] US (61/815,544) 2013-04-24

[30] US (14/132,626) 2013-12-18

[21] **2,875,434**  
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01)**

[25] EN

[54] **METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS**

[54] **PROCEDES ET APPAREIL POUR DETERMINER DES INFORMATIONS D'INDICE D'ECOUTE POUR DES PRESENTATIONS MULTIMEDIA EN LIGNE**

[72] SPLAINE, STEVEN J., US

[72] GAYNOR, KEVIN K., US

[72] NARASIMHA, GOLI REDDY, IN

[71] THE NIELSEN COMPANY (US), LLC, US

[85] 2014-11-28

[86] 2014-04-28 (PCT/US2014/035683)

[87] (WO2014/179218)

[30] US (61/817,829) 2013-04-30

[30] US (14/025,575) 2013-09-12

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[21] **2,875,437**  
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/25 (2011.01)**  
[25] EN  
[54] **METHODS AND APPARATUS TO DETERMINE IMPRESSIONS USING DISTRIBUTED DEMOGRAPHIC INFORMATION**  
[54] **PROCEDES ET APPAREIL POUR DETERMINER DES IMPRESSIONS A L'AIDE D'INFORMATIONS DEMOGRAPHIQUES DISTRIBUEES**  
[72] SPLAINE, STEVEN J., US  
[72] SHIVAMPET, BRAHMANAND REDDY, US  
[71] THE NIELSEN COMPANY (US), LLC, US  
[85] 2014-11-28  
[86] 2014-05-07 (PCT/US2014/037064)  
[87] (WO2014/182764)  
[30] US (61/821,605) 2013-05-09  
[30] US (14/025,567) 2013-09-12

[21] **2,875,623**  
[13] A1

[51] **Int.Cl. E21B 17/01 (2006.01) F16L 11/00 (2006.01)**  
[25] EN  
[54] **A RISER AND AN OFFSHORE SYSTEM**  
[54] **COLONNE MONTANTE ET SYSTEME EXTRACOTIER**  
[72] GLEJBOL, KRISTIAN, DK  
[72] NIELSEN, NIELS J. RISHOJ, DK  
[71] NATIONAL OLLWELL VARCO DENMARK I/S, DK  
[85] 2014-12-03  
[86] 2013-06-03 (PCT/DK2013/050168)  
[87] (WO2013/182196)  
[30] DK (PA 2012 70301) 2012-06-06

[21] **2,875,632**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **ELECTRONIC CIGARETTE AND ITS SUCTION ROD**  
[54] **CIGARETTE ELECTRONIQUE ET SA TIGE D'ASPIRATION**  
[72] LIU, QIUMING, CN  
[71] KIMREE HI-TECH INC., VG  
[85] 2014-12-03  
[86] 2012-06-05 (PCT/CN2012/076493)  
[87] (WO2013/181797)

[21] **2,875,634**  
[13] A1

[51] **Int.Cl. H04L 27/00 (2006.01)**  
[25] EN  
[54] **AUDIO DATA TRANSMISSION METHOD**  
[54] **PROCEDE DE TRANSMISSION DE DONNEES AUDIO**  
[72] LI, DONGSHENG, CN  
[71] TENDYRON CORPORATION, CN  
[85] 2014-12-03  
[86] 2013-06-17 (PCT/CN2013/077301)  
[87] (WO2013/185641)  
[30] CN (201210204064.4) 2012-06-16

[21] **2,875,635**  
[13] A1

[51] **Int.Cl. C08K 3/04 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) C08J 5/24 (2006.01) C08K 7/24 (2006.01) B32B 5/12 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS IN COMPOSITE MATERIALS**

[54] **AMELIORATIONS DANS DES MATERIAUX COMPOSITES**  
[72] SIMMONS, MARTIN, GB  
[72] BLAIR, DANA, GB  
[72] TILBROOK, DAVID, GB  
[71] HEXCEL COMPOSITES LIMITED, GB  
[85] 2014-12-03  
[86] 2013-06-14 (PCT/EP2013/062447)  
[87] (WO2013/186389)  
[30] GB (1210602.7) 2012-06-14  
[30] GB (1210601.9) 2012-06-14  
[30] GB (1307898.5) 2013-05-01

[21] **2,875,636**  
[13] A1

[51] **Int.Cl. C04B 22/14 (2006.01) C01F 11/46 (2006.01) C04B 28/14 (2006.01) C04B 40/00 (2006.01)**  
[25] EN  
[54] **SYNTHESIS AND USE OF GYPSUM SEEDING MATERIAL**  
[54] **SYNTHESE ET UTILISATION DE SUBSTANCE D'ENSEMENCEMENT DE GYPSE**  
[72] LOGES, NIKLAS, DE  
[72] GEHRIG, UWE, DE  
[72] SCHINABECK, MICHAEL, DE  
[72] DIERSCHKE, FRANK, DE  
[72] BRAU, MICHAEL, DE  
[72] NICOLEAU, LUC, DE  
[71] BASF CONSTRUCTION SOLUTIONS GMBH, DE  
[85] 2014-12-03  
[86] 2013-06-14 (PCT/EP2013/062328)  
[87] (WO2014/012720)  
[30] EP (12177315.4) 2012-07-20

[21] **2,875,637**  
[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01) G01M 3/28 (2006.01)**  
[25] EN  
[54] **FILTERING OF PRESSURE SIGNALS FOR SUPPRESSION OF PERIODIC PULSES**  
[54] **FILTRATION DE SIGNAUX DE PRESSION POUR LA SUPPRESSION DES IMPULSIONS PERIODIQUES**  
[72] SOLEM, KRISTIAN, SE  
[72] OLDE, BO, SE  
[72] STERNBY, JAN, SE  
[71] GAMBRO LUNDIA AB, SE  
[85] 2014-12-03  
[86] 2013-06-18 (PCT/EP2013/062616)  
[87] (WO2014/009111)  
[30] SE (1250826-3) 2012-07-13  
[30] US (61/671,192) 2012-07-13

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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR DETECTING AND/OR DIAGNOSING SWALLOWING DISORDERS**  
[54] **APPAREILS POUR LA DETECTION ET/OU LE DIAGNOSTIC DE TROUBLES DE LA DEGLUTITION**  
[72] BERNHARD, HANS, CH  
[72] GORTCHACOW, ELISE, CH  
[72] JEDWAB, MICHAEL, CH  
[72] BURBIDGE, ADAM, CH  
[71] NESTEC S.A., CH  
[85] 2014-12-03  
[86] 2013-06-19 (PCT/EP2013/062820)  
[87] (WO2013/190021)  
[30] US (61/661,639) 2012-06-19

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[13] A1

[51] **Int.Cl. B01F 7/00 (2006.01) B01F 7/16 (2006.01)**  
[25] EN  
[54] **DOUBLE CONE PUMPING DEVICE**  
[54] **DISPOSITIF DE POMPAGE BICONIQUE**  
[72] SANDU, CONSTANTINE, US  
[71] NESTEC S.A., CH  
[85] 2014-12-03  
[86] 2013-06-27 (PCT/EP2013/063478)  
[87] (WO2014/001436)  
[30] US (61/666,176) 2012-06-29

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[13] A1

[51] **Int.Cl. C08G 65/00 (2006.01) C09D 167/08 (2006.01)**  
[25] EN  
[54] **POLYMER IN MULTICOAT COLOR AND/OR EFFECT PAINT SYSTEMS**  
[54] **POLYMERES DANS DES PEINTURES MULTICOUCHES COLOREES OU A EFFET**  
[72] HOFFMANN, PETER, DE  
[72] STEINMETZ, BERNHARD, DE  
[72] LAVALAYE, JORN, DE  
[72] REUTER, HARDY, DE  
[71] BASF COATINGS GMBH, DE  
[85] 2014-12-03  
[86] 2013-08-27 (PCT/EP2013/067742)  
[87] (WO2014/033135)  
[30] EP (12182050.0) 2012-08-28

[21] **2,875,641**  
[13] A1

[51] **Int.Cl. C02F 1/02 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR OIL SPILL REMEDIATION**  
[54] **COMPOSITIONS ET PROCEDES POUR UN ASSAINISSEMENT DE DEVERSEMENT DE PETROLE**  
[72] HOAG, GEORGE E., US  
[72] COLLINS, JOHN B., US  
[72] AYERS, JEFFREY THOMAS, US  
[71] VERUTEK TECHNOLOGIES, INC., US  
[85] 2014-12-03  
[86] 2011-06-09 (PCT/US2011/039827)  
[87] (WO2012/170028)

[21] **2,875,642**  
[13] A1

[51] **Int.Cl. C12M 3/00 (2006.01)**  
[25] FR  
[54] **USE OF A WARMER FOR PROMOTING A BIOLOGICAL REACTION**  
[54] **UTILISATION D'UNE CHAUFFERETTE POUR FAVORISER UNE REACTION BIOLOGIQUE**  
[72] VACHER, DOMINIQUE, FR  
[72] GOUZE, JEAN-NOEL, FR  
[71] LABORATOIRES GENEVRIER, FR  
[85] 2014-12-01  
[86] 2013-04-16 (PCT/IB2013/053015)  
[87] (WO2013/182921)  
[30] FR (12 55333) 2012-06-07

[21] **2,875,643**  
[13] A1

[51] **Int.Cl. G01B 11/255 (2006.01)**  
[25] EN  
[54] **MACHINE AND METHOD FOR ACQUIRING DATA FOR MEASURING THE TWIST AND CONCAVITY OF AGRICULTURAL DISCS**  
[54] **MACHINE ET PROCEDE D'ACQUISITION DE DONNEES POUR MESURER LE GAUCHISSEMENT ET LA CONCAVITE DE DISQUES AGRICOLES**  
[72] LOPEZ DE ARBINA ECHEVERRIA, MARIA LOURDES, ES  
[72] GALDOS ORMATEGUI, JENI, ES  
[72] ECHEVERRIA ALCORTA, MIGUEL IGNACIO, ES  
[71] BELLOTA AGRISOLUTIONS, S.L., ES  
[85] 2014-12-03  
[86] 2013-06-10 (PCT/ES2013/070375)  
[87] (WO2013/186414)  
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[13] A1

[51] **Int.Cl. C22C 38/44 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01)**  
[25] EN  
[54] **DUPLEX STAINLESS STEEL**  
[54] **ACIER INOXYDABLE DUPLEX**  
[72] SAGARA, MASAYUKI, JP  
[72] TOMIO, AKIKO, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-12-03  
[86] 2013-06-19 (PCT/JP2013/066844)  
[87] (WO2013/191208)  
[30] JP (2012-140365) 2012-06-22

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[13] A1

[51] **Int.Cl. A23C 21/00 (2006.01) A23J 3/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR MANUFACTURING DENATURED WHEY PROTEIN**  
[54] **PROCEDE DE FABRICATION DE PROTEINE DU PETIT-LAIT DENATUREE**  
[72] ARASE, HIROSHI, JP  
[72] SUZUKI, MANABU, JP  
[71] MORINAGA MILK INDUSTRY CO., LTD., JP  
[85] 2014-12-03  
[86] 2013-09-27 (PCT/JP2013/076289)  
[87] (WO2014/051064)  
[30] JP (2012-217751) 2012-09-28

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[13] A1

[51] **Int.Cl. B65D 35/02 (2006.01)**  
[25] FR  
[54] **BUTT-WELDED TUBULAR PACKAGING BODY**  
[54] **CORPS TUBULAIRE D'EMBALLAGE SOUDE BOUT A BOUT**  
[72] THOMASSET, JACQUES, CH  
[72] KELLER, GERHARD, CH  
[71] AISAPACK HOLDING S.A., CH  
[85] 2014-12-03  
[86] 2013-06-12 (PCT/IB2013/054816)  
[87] (WO2013/186723)  
[30] EP (12172306.8) 2012-06-15

[21] **2,875,648**  
[13] A1

[51] **Int.Cl. D06F 37/22 (2006.01) D06F 37/04 (2006.01) F16F 15/32 (2006.01)**  
[25] EN  
[54] **BALANCER, BALANCER HOUSING, WASHING MACHINE HAVING THE SAME AND CONTROL METHOD THEREOF**  
[54] **BALANCIER, BOITIER DE BALANCIER, MACHINE A LAVER PRESENTANT CES DERNIERS ET PROCEDE DE COMMANDE DE CES DERNIERS**  
[72] CHO, SUNG JIN, KR  
[72] BAE, IL SUNG, KR  
[72] JO, HA YEON, KR  
[72] KIM, MYUNG CHUL, KR  
[72] KIM, SUNG JONG, KR  
[72] LEE, MOO HYUNG, KR  
[72] MYOUNG, KWAN JOO, KR  
[72] JO, SE JIN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2014-12-03  
[86] 2013-06-05 (PCT/KR2013/004943)  
[87] (WO2013/183929)  
[30] KR (10-2012-0061185) 2012-06-07  
[30] KR (10-2012-0124573) 2012-11-06

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[13] A1

[51] **Int.Cl. G01N 23/04 (2006.01) A61B 6/03 (2006.01)**  
[25] EN  
[54] **OPTIMIZATION OF THE SOURCE FIRING PATTERN FOR X-RAY SCANNING SYSTEMS**  
[54] **OPTIMISATION DE MOTIF DE DECLenchement DE SOURCE POUR DES SYSTEMES DE BALAYAGE A RAYONS X**  
[72] THOMPSON, WILLIAM MICHAEL, GB  
[72] LIONHEART, WILLIAM ROBERT BRECKON, GB  
[72] MORTON, EDWARD JAMES, GB  
[71] RAPISCAN SYSTEMS, INC., US  
[85] 2014-12-03  
[86] 2012-06-05 (PCT/US2012/040923)  
[87] (WO2013/184103)

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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 6/00 (2006.01) G01J 3/36 (2006.01) G01J 3/42 (2006.01) H04N 5/335 (2011.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR COAXIAL IMAGING OF MULTIPLE WAVELENGTHS**  
[54] **PROCEDES ET APPAREIL D'IMAGERIE COAXIALE DE LONGUEURS D'ONDES MULTIPLES**  
[72] DARTY, MARK ANTHONY, US  
[71] HYPERMED IMAGING, INC., US  
[85] 2014-12-03  
[86] 2013-03-15 (PCT/US2013/032682)  
[87] (WO2014/007869)  
[30] US (61/655,800) 2012-06-05

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06T 1/00 (2006.01)**  
[25] EN  
[54] **HYPERSPECTRAL IMAGE PROCESSING VIA A COMPUTER NETWORK**  
[54] **TRAITEMENT D'IMAGE HYPERSPECTRALE PAR L'INTERMEDIAIRE D'UN RESEAU INFORMATIQUE**  
[72] DARTY, MARK ANTHONY, US  
[71] HYPERMED IMAGING, INC., US  
[85] 2014-12-03  
[86] 2013-03-15 (PCT/US2013/032685)  
[87] (WO2013/184226)  
[30] US (61/655,800) 2012-06-05  
[30] US (61/715,273) 2012-10-17

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[13] A1

[51] **Int.Cl. A01H 1/04 (2006.01)**  
[25] EN  
[54] **METHODS FOR SELECTION OF INTROGRESSION MARKER PANELS**  
[54] **PROCEDES POUR LA SELECTION DE GROUPES DE MARQUEURS DE L'INTROGRESSION**  
[72] ROBBINS, KELLY R., US  
[72] BACKLUND, JAN ERIK, US  
[71] AGRIGENETICS, INC., US  
[85] 2014-12-03  
[86] 2013-06-13 (PCT/US2013/045538)  
[87] (WO2013/188606)  
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[13] A1

[51] **Int.Cl. H04W 48/08 (2009.01) H04W 12/06 (2009.01)**  
[25] EN  
[54] **WIRELESS SESSION CONFIGURATION PERSISTENCE**  
[54] **PERSISTANCE D'UNE CONFIGURATION DE SESSION SANS FIL**  
[72] COUGHLIN, BRIAN, US  
[72] CHEN, JOHN A., US  
[71] TIME WARNER CABLE ENTERPRISES LLC, US  
[85] 2014-12-03  
[86] 2013-05-28 (PCT/US2013/042839)  
[87] (WO2013/184433)  
[30] US (13/491,851) 2012-06-08

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[13] A1

[51] **Int.Cl. B01J 31/18 (2006.01)**  
[25] EN  
[54] **PHOSPHINYL GUANIDINE COMPOUNDS, METAL SALT COMPLEXES, CATALYST SYSTEMS, AND THEIR USE TO OLIGOMERIZE OR POLYMERIZE OLEFINS**  
[54] **COMPOSES PHOSPHINYL GUANIDINES, COMPLEXES DE SEL METALLIQUE, SYSTEMES CATALYTIQUES ET LEUR UTILISATION POUR OLIGOMERISER OU POLYMERISER DES OLEFINES**  
[72] SYDORA, ORSON, US  
[72] SMALL, BROOKE, US  
[72] CARNEY, MICHAEL, US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2014-12-03  
[86] 2013-06-03 (PCT/US2013/043902)  
[87] (WO2013/184579)  
[30] US (13/490,319) 2012-06-06

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[51] **Int.Cl. B29C 45/18 (2006.01)**  
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[54] **SHOOTING POT CIRCUIT VALVE**  
[54] **VANNE DE CIRCUIT DE POT D'INJECTION**  
[72] BELZILE, MANON DANIELLE, US  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2014-12-03  
[86] 2013-06-13 (PCT/US2013/045546)  
[87] (WO2013/191996)  
[30] US (61/662,586) 2012-06-21

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[13] A1

[51] **Int.Cl. B60R 21/013 (2006.01) B60R 21/0132 (2006.01) F41H 7/04 (2006.01)**  
[25] EN  
[54] **ACTIVE COUNTERMEASURES SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE CONTRE-MESURES ACTIVES**  
[72] DOBRISKI, JOSEF STEFAN, US  
[72] HANSEN, ANDREW ROGER, US  
[72] RIISGAARD, BENJAMIN, DK  
[72] SAGEBIEL, ERICK JAMES, US  
[72] SVANE, JOERGEN LEIF, DK  
[72] TAYLOR, MARC DAVID, US  
[72] WELKER, VICTOR WAYNE, US  
[71] TENCATE ADVANCED ARMOR USA, INC., US  
[85] 2014-12-03  
[86] 2013-06-04 (PCT/US2013/044024)  
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[30] US (61/689,468) 2012-06-06

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[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/30 (2006.01)**  
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[54] **BLOW DOWN ACTUATOR ASSEMBLY**  
[54] **ENSEMBLE VERIN DE DEPLOIEMENT**  
[72] FENN, CHRISTOPHER L., US  
[72] CRONIN, PATRICK M., US  
[71] AERO CONTROLEX GROUP INC., US  
[85] 2014-12-03  
[86] 2013-06-04 (PCT/US2013/044068)  
[87] (WO2013/184656)  
[30] US (61/655,331) 2012-06-04

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/04 (2012.01)**  
[25] EN  
[54] **PRODUCT DRIVEN APPROACH TO TECHNOLOGY PROVISIONING, OPERATIONS, AND BILLING**  
[54] **APPROCHE BASEE SUR LES PRODUITS ET CONCERNANT L'APPROVISIONNEMENT, LES VENTES ET LA FACTURATION POUR DES PRODUITS TECHNOLOGIQUES**  
[72] REED, CARL J., US  
[72] KLEIN, CHARLES, US  
[71] GOLDMAN, SACHS & CO., US  
[71] GOLDMAN, SACHS & CO., US  
[85] 2014-12-03  
[86] 2013-06-04 (PCT/US2013/044154)  
[87] (WO2013/184707)  
[30] US (61/655,399) 2012-06-04

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[13] A1

[51] **Int.Cl. D21H 17/69 (2006.01) D21H 17/28 (2006.01) D21H 17/67 (2006.01) D21H 21/14 (2006.01)**  
[25] EN  
[54] **ADDITIVES FOR PAPERMAKING**  
[54] **ADDITIFS POUR FABRICATION DE PAPIER**  
[72] JOGIKALMATH, GANGADHAR, US  
[72] SCHNEIDER, ANDREA, US  
[72] SOANE, DAVID S., US  
[71] NANOPAPER, LLC, US  
[85] 2014-12-03  
[86] 2013-06-13 (PCT/US2013/045582)  
[87] (WO2013/188630)  
[30] US (61/660,146) 2012-06-15  
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[51] **Int.Cl. C09K 8/42 (2006.01) C09K 8/40 (2006.01)**  
[25] EN  
[54] **FOAMED SPACER FLUIDS CONTAINING CEMENT KILN DUST AND METHODS OF USE**  
[54] **FLUIDES-MOUSSES DE SEPARATION CONTENANT DE LA POUSSIERE DE FOURS A CIMENT ET PROCEDES D'UTILISATION**  
[72] BENKLEY, JAMES ROBERT, US  
[72] SPENCER, JOSEPH V., US  
[72] KRANZ, ZACHARY ROBERT, US  
[72] GARRISON, CHRISTOPHER JAY, US  
[72] BRENNIS, D. CHAD, US  
[72] RODDY, CRAIG W., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-03  
[86] 2013-06-27 (PCT/US2013/048092)  
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[30] US (13/535,145) 2012-06-27

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[13] A1

[51] **Int.Cl. C01G 23/02 (2006.01) C01B 35/04 (2006.01) C01B 35/06 (2006.01) C01G 23/07 (2006.01)**  
[25] EN  
[54] **RECYCLE OF TITANIUM DIBORIDE MATERIALS**  
[54] **RECYCLAGE DE MATIERES DIBORURES DE TITANE**  
[72] WEAVER, MARK L., US  
[72] SCHNITGEN, ANDREW L., US  
[72] DIMILIA, ROBERT A., US  
[72] PHELPS, FRANKIE E., US  
[72] MCMILLEN, JAMES C., US  
[71] ALCOA INC., US  
[85] 2014-12-03  
[86] 2013-06-05 (PCT/US2013/044283)  
[87] (WO2013/184779)  
[30] US (61/656,357) 2012-06-06  
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[30] US (61/787,127) 2013-03-15

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[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01)**  
[25] EN  
[54] **UPLINK HYBRID ACKNOWLEDGEMENT SIGNALING IN WIRELESS COMMUNICATIONS SYSTEMS**  
[54] **SIGNALISATION D'ACQUITTEMENT HYBRIDE DE LIAISON MONTANTE DANS DES SYSTEMES DE COMMUNICATION SANS FIL**  
[72] NAM, YOUNG-HAN, US  
[72] HAN, JIN-KYU, US  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2014-12-03  
[86] 2013-07-01 (PCT/US2013/048964)  
[87] (WO2014/005151)  
[30] US (61/666,582) 2012-06-29  
[30] US (61/678,967) 2012-08-02  
[30] US (61/721,356) 2012-11-01  
[30] US (13/931,113) 2013-06-28

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[51] **Int.Cl. D21C 3/18 (2006.01) C02F 1/50 (2006.01) C04B 18/24 (2006.01) D06M 16/00 (2006.01) D21C 3/20 (2006.01) D21H 17/11 (2006.01) D21H 21/04 (2006.01) D21H 21/36 (2006.01)**  
[25] EN  
[54] **METHODS OF PRESERVING STARCH IN PULP AND CONTROLLING CALCIUM PRECIPITATION AND/OR SCALING**  
[54] **PROCEDES DE CONSERVATION D'AMIDON DANS UNE PATE ET DE REGULATION DE LA PRECIPITATION DE CALCIUM ET/OU DE TARTRE**  
[72] VAN HAUTE, EDDIE, US  
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US  
[85] 2014-12-03  
[86] 2013-06-04 (PCT/US2013/043962)  
[87] (WO2013/184605)  
[30] US (61/655,678) 2012-06-05

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[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01) G06F 21/60 (2013.01)**  
[25] EN  
[54] **NETWORK BASED MANAGEMENT OF PROTECTED DATA SETS**  
[54] **GESTION FONDEE SUR LE RESEAU D'ENSEMBLES DE DONNEES PROTEGES**  
[72] NOVAK, MARK F., US  
[72] LAYMAN, ANDREW JOHN, US  
[72] NYSTROM, MAGNUS, US  
[72] THOM, STEFAN, US  
[71] MICROSOFT CORPORATION, US  
[85] 2014-12-03  
[86] 2013-06-13 (PCT/US2013/045725)  
[87] (WO2013/192016)  
[30] US (13/527,439) 2012-06-19

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[13] A1

[51] **Int.Cl. G01N 24/08 (2006.01) G01R 33/46 (2006.01) G01V 3/32 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETERMINING MOLECULAR STRUCTURES IN GEOLOGICAL FORMATIONS**  
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE STRUCTURES MOLECULAIRES DANS DES FORMATIONS GEOLOGIQUES**  
[72] WIGAND, MARCUS OLIVER, US  
[72] SUN, BOQIN, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2014-12-03  
[86] 2013-06-14 (PCT/US2013/045924)  
[87] (WO2013/192039)  
[30] US (13/530,766) 2012-06-22

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR SENSITIVE MUTATION DETECTION IN NUCLEIC ACID MOLECULES**  
[54] **COMPOSITIONS ET PROCÉDES DE DÉTECTION SENSIBLE DE MUTATIONS DANS DES MOLECULES D'ACIDE NUCLEIQUE**  
[72] BIELAS, JASON H., US  
[72] ERICSON, NOLAN G., US  
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US  
[85] 2014-12-03  
[86] 2013-06-14 (PCT/US2013/046011)  
[87] (WO2013/188840)  
[30] US (61/659,837) 2012-06-14

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[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01)**  
[25] EN  
[54] **MULTI-FORMAT DISTRIBUTION OF CONTENT**  
[54] **DISTRIBUTION A PLUSIEURS FORMATS DE CONTENU**  
[72] MANCHESTER, JAMES S., US  
[72] ANGUS, MICHAEL, US  
[72] MILES, WILFRED JAIME, US  
[71] TIME WARNER CABLE ENTERPRISES LLC, US  
[85] 2014-12-03  
[86] 2013-07-08 (PCT/US2013/049525)  
[87] (WO2014/011522)  
[30] US (13/548,102) 2012-07-12

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[13] A1

[51] **Int.Cl. C07C 1/247 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONVERTING A HYDROCARBONACEOUS MATERIAL TO A FLUID HYDROCARBON PRODUCT COMPRISING P-XYLENE**  
[54] **PROCEDE DE CONVERSION D'UNE MATIERE HYDROCARBONEE EN UN PRODUIT HYDROCARBONE FLUIDE COMPRENANT DU P-XYLENE**  
[72] HUBER, GEORGE W., US  
[72] CHENG, YU-TING, US  
[72] WANG, ZHUOPENG, US  
[72] FAN, WEI, US  
[71] UNIVERSITY OF MASSACHUSETTS, US  
[85] 2014-12-03  
[86] 2013-06-17 (PCT/US2013/046077)  
[87] (WO2013/185149)  
[30] US (61/655,605) 2012-06-05  
[30] US (13/628,258) 2012-09-27

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[13] A1

[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/24 (2006.01)**  
[25] EN  
[54] **LOW PROFILE HEART VALVE DELIVERY SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCÉDE DE MISE EN PLACE DE VALVULE CARDIAQUE, A PROFIL BAS**  
[72] ZHOU, PU, US  
[72] WANG, HUISUN, US  
[72] FENG, JAMES Q., US  
[71] BOSTON SCIENTIFIC SCIMED, INC., US  
[85] 2014-12-03  
[86] 2013-07-11 (PCT/US2013/050087)  
[87] (WO2014/011888)  
[30] US (61/670,776) 2012-07-12

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[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) B01J 21/12 (2006.01) B01J 23/02 (2006.01) B01J 23/10 (2006.01) C07C 1/207 (2006.01) C10G 29/22 (2006.01)**  
[25] EN  
[54] **PRODUCTION OF LUBRICANT BASE OILS BIOMASS**  
[54] **FABRICATION D'HUILES LUBRIFIANTES A BASE DE BIOMASSE**  
[72] ROBERTS, VIRGINIA M., US  
[72] FINGLAND, BRADLEY R., US  
[72] DAAGE, MICHEL, US  
[72] HO, SUZZY C.H., US  
[72] WANG, KUN, US  
[72] OLDENBURG, PAUL D., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2014-12-03  
[86] 2013-07-18 (PCT/US2013/050984)  
[87] (WO2014/015092)  
[30] US (61/672,965) 2012-07-18  
[30] US (13/917,743) 2013-06-14

[21] **2,875,672**  
[13] A1

[51] **Int.Cl. G01V 11/00 (2006.01) G01V 1/40 (2006.01) G01V 8/10 (2006.01)**  
[25] EN  
[54] **EVENT SYNCHRONIZATION FOR OPTICAL SIGNALS**  
[54] **SYNCHRONISATION D'EVENEMENT POUR SIGNAUX OPTIQUES**  
[72] BARFOOT, DAVID A., US  
[72] BLAND, HENRY C., CA  
[72] MAIDA, JOHN L., JR., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-03  
[86] 2013-08-05 (PCT/US2013/053608)  
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[30] US (13/598,491) 2012-08-29

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[13] A1

[51] **Int.Cl. G08C 17/00 (2006.01) H04W 4/02 (2009.01) G09G 3/22 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PATTERNING ELEMENTS HAVING TWO STATES**

[54] **PROCEDE ET SYSTEME POUR METTRE SOUS FORME DE MOTIFS DES ELEMENTS AYANT DEUX ETATS**

[72] BAILEY, PETER JAMES, GB

[72] PROBERT, COLIN, GB

[72] SLEZINGER, DANIEL, US

[72] MURPHY, MASON, US

[72] RODDICK, JUSTIN, US

[72] BLAIR, SCOTT, US

[72] OSTYN, CLAUDE, BE

[72] HOCHMAN, JEREMY, US

[71] GLOW MOTION TECHNOLOGIES, LLC, US

[85] 2014-12-03

[86] 2013-12-23 (PCT/US2013/077620)

[87] (WO2014/100832)

[30] US (61/740,902) 2012-12-21

[21] **2,875,674**  
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61P 25/00 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING PSYCHIATRIC DISORDERS OR SYMPTOMS THEREOF USING NCAM PEPTIDE MIMETICS**

[54] **METHODES DE TRAITEMENT DES TROUBLES OU DES SYMPTOMES PSYCHIATRIQUES UTILISANT DES MIMETIQUES PEPTIDIQUES DE N-CAM**

[72] AKIL, HUDA, US

[72] WATSON, STANLEY, US

[72] TURNER, CORTNEY, US

[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US

[85] 2014-12-03

[86] 2013-06-05 (PCT/US2013/044342)

[87] (WO2013/184824)

[30] US (61/655,970) 2012-06-05

[30] US (61/785,374) 2013-03-14

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[13] A1

[51] **Int.Cl. B65D 39/00 (2006.01) B27J 5/00 (2006.01) B29C 44/00 (2006.01) B32B 5/00 (2006.01) C08L 97/00 (2006.01)**

[25] EN

[54] **CLOSURE FOR A PRODUCT-RETAINING CONTAINER**

[54] **BOUCHON POUR UN RECIPIENT RETENANT LE PRODUIT**

[72] AAGAARD, OLAV MARCUS, NL

[72] BOST, DAMON JAMES, US

[72] DAVIDTS, SANDRA, BE

[72] THOMPSON, MALCOLM JOSEPH, US

[72] GLASGOW, KATHERINE CAMPBELL, US

[71] NOMACORC LLC, US

[85] 2014-12-03

[86] 2014-02-07 (PCT/US2014/015313)

[87] (WO2014/124266)

[30] US (61/762,569) 2013-02-08

[21] **2,875,676**  
[13] A1

[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/32 (2006.01)**

[25] EN

[54] **BIODEGRADABLE ORGANOPHILIC CLAYS FOR DRILLING FLUIDS**

[54] **ARGILES ORGANOPHILES BIODEGRADABLES POUR FLUIDES DE FORAGE**

[72] FRANTZ, ERIC BENJAMIN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-03

[86] 2013-06-06 (PCT/US2013/044425)

[87] (WO2014/007935)

[30] US (13/543,213) 2012-07-06

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[13] A1

[51] **Int.Cl. B22F 1/00 (2006.01) B22F 3/24 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF CRYSTALLINE TITANIUM POWDER**

[54] **PROCEDE POUR LA FABRICATION D'UNE POUDRE DE TITANE CRISTALLIN**

[72] VAN VUUREN, DAVID STEYN, ZA

[72] OOSTHUIZEN, SALOMON JOHANNES, ZA

[72] SWANEOEL, JACO JOHANNES, ZA

[71] CSIR, ZA

[85] 2014-12-03

[86] 2013-05-29 (PCT/ZA2013/000038)

[87] (WO2013/185153)

[30] ZA (2012/04134) 2012-06-06

[21] **2,875,678**  
[13] A1

[51] **Int.Cl. F23N 3/00 (2006.01) F24C 3/00 (2006.01)**

[25] EN

[54] **COMBINED HIGH ENERGY IGNITER AND FLAME DETECTOR**

[54] **ALLUMEUR HAUTE ENERGIE COMBINE ET DETECTEUR DE FLAMME**

[72] STRONG, ANDREW H., US

[71] CHENTRONICS CORPORATION, US

[85] 2014-12-03

[86] 2013-06-06 (PCT/US2013/044535)

[87] (WO2013/184928)

[30] US (13/491,250) 2012-06-07

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[13] A1

[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/074 (2010.01) A61K 35/12 (2015.01)**  
[25] EN  
[54] **COMPOSITIONS, METHODS AND SYSTEMS FOR CELLULAR DIFFERENTIATION FROM STEM CELLS**  
[54] **COMPOSITIONS, PROCEDES ET SYSTEMES POUR LA DIFFERENTIATION CELLULAIRE A PARTIR DE CELLULES SOUCHES**  
[72] SUGAYA, KIMINOBU, US  
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US  
[85] 2014-12-03  
[86] 2013-06-06 (PCT/US2013/044599)  
[87] (WO2013/184966)  
[30] US (61/656,485) 2012-06-06  
[30] US (61/658,640) 2012-06-12

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[13] A1

[51] **Int.Cl. G01N 23/201 (2006.01)**  
[25] EN  
[54] **DUAL MODE SMALL ANGLE SCATTERING CAMERA**  
[54] **CAMERA A DIFFUSION A PETIT ANGLE DOUBLE MODE**  
[72] JIANG, LICAI, US  
[71] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US  
[85] 2014-12-03  
[86] 2013-06-07 (PCT/US2013/044656)  
[87] (WO2013/184999)  
[30] US (61/657,449) 2012-06-08

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[21] **2,875,681**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 1/00 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING CROHN'S DISEASE AND RELATED CONDITIONS AND INFECTIONS**  
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA MALADIE DE CROHN ET DES PATHOLOGIES ET INFECTIONS ASSOCIEES**  
[72] AGRAWAL, GAURAV, AU  
[71] AGRAWAL, GAURAV, AU  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/AU2013/000587)  
[87] (WO2013/181694)  
[30] AU (2012902307) 2012-06-04

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[21] **2,875,682**  
[13] A1

[51] **Int.Cl. G01N 23/201 (2006.01) G21K 1/06 (2006.01)**  
[25] EN  
[54] **X-RAY BEAM SYSTEM OFFERING 1D AND 2D BEAMS**  
[54] **SYSTEME A FAISCEAU DE RAYONS X OFFRANT DES FAISCEAUX MONODIMENSIONNEL (1D) ET BIDIMENSIONNEL (2D)**  
[72] JIANG, LICAI, US  
[72] VERMAN, BORIS, US  
[71] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US  
[85] 2014-12-03  
[86] 2013-06-07 (PCT/US2013/044659)  
[87] (WO2013/185000)  
[30] US (61/657,446) 2012-06-08

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[21] **2,875,683**  
[13] A1

[51] **Int.Cl. A61K 38/20 (2006.01) A61K 39/00 (2006.01) A61K 39/21 (2006.01) A61P 31/00 (2006.01) A61P 31/18 (2006.01)**  
[25] EN  
[54] **VACCINATION WITH INTERLEUKIN-4 ANTAGONISTS**  
[54] **VACCINATION AVEC DES ANTAGONISTES DE L'INTERLEUKINE-4**  
[72] JACKSON, RONALD JAMES, AU  
[72] RANASINGHE, CHARANI, AU  
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/AU2013/000589)  
[87] (WO2013/181696)  
[30] AU (2012902345) 2012-06-05

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[21] **2,875,684**  
[13] A1

[51] **Int.Cl. E21C 41/00 (2006.01) G01B 7/004 (2006.01) G01B 7/14 (2006.01) G01C 15/02 (2006.01) G01S 1/02 (2010.01) G01S 11/02 (2010.01) G01V 3/12 (2006.01) G01V 15/00 (2006.01)**  
[25] EN  
[54] **METHODS, SYSTEMS AND DEVICES FOR MONITORING MOVEMENT OF ROCK IN A MINE**  
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS POUR SURVEILLER LE DEPLACEMENT D'UNE ROCHE DANS UNE MINE**  
[72] PIETER, KUIPER, AU  
[71] MINDSPARK TECHNOLOGIES PTY LTD, AU  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/AU2013/000629)  
[87] (WO2013/181720)

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[21] **2,875,685**  
[13] A1  
[51] **Int.Cl. E02F 3/18 (2006.01) E02F 9/20 (2006.01) G05B 13/04 (2006.01)**  
[25] EN  
[54] **BULK MATERIAL RECLAIMER CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE D'APPAREIL DE REPRISE DE MATERIAU EN VRAC**  
[72] LOPES, BRUNO EDUARDO, BR  
[71] VALE S.A., BR  
[71] LOPES, BRUNO EDUARDO, BR  
[85] 2014-12-04  
[86] 2013-05-24 (PCT/BR2013/000180)  
[87] (WO2013/181727)  
[30] US (61/655,373) 2012-06-04

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[21] **2,875,686**  
[13] A1  
[51] **Int.Cl. A47L 15/50 (2006.01)**  
[25] FR  
[54] **RACK FOR RECEIVING DISHES, TO BE INSERTED INTO A DISHWASHER**  
[54] **CASIER DE RECEPTION DE VAISSELLE DESTINE A ETRE INTRODUIT A L'INTERIEUR D'UNE MACHINE A LAVER**  
[72] LAROSE, NICOLAS, FR  
[71] LAROSE, NICOLAS, FR  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/FR2013/000153)  
[87] (WO2013/186450)  
[30] FR (12/01724) 2012-06-15

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[21] **2,875,688**  
[13] A1  
[51] **Int.Cl. B23K 26/08 (2014.01) B23K 26/12 (2014.01) B23K 26/34 (2014.01) B23P 6/00 (2006.01) F01D 5/00 (2006.01)**  
[25] FR  
[54] **PROCESS FOR COMPLETE CLADDING OF METAL PARTS OF AIRCRAFT TURBOJETS, AND COMPLETE PROTECTION TOOL FOR IMPLEMENTING THE PROCESS**  
[54] **PROCEDE DE RECHARGEMENT GLOBAL DE PIECE METALLIQUE POUR TURBOREACTEURS D'AERONEFS, ET OUTILLAGE DE PROTECTION GLOBALE POUR LA MISE EN OEUVRE DU PROCEDE**  
[72] MOTTIN, JEAN-BAPTISTE, FR  
[71] SNECMA, FR  
[85] 2014-12-04  
[86] 2013-05-23 (PCT/FR2013/051118)  
[87] (WO2013/182773)  
[30] FR (FR1255288) 2012-06-06

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[21] **2,875,689**  
[13] A1  
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/09 (2006.01)**  
[25] FR  
[54] **METHOD FOR PRODUCING HIGH-QUALITY RECOMBINANT ALLERGENS IN A PLANT**  
[54] **METHODE DE PRODUCTION D'ALLERGENES RECOMBINANTS DE HAUTE QUALITE DANS UNE PLANTE**  
[72] GOMORD, VERONIQUE, FR  
[72] FITCHETTE, ANNE CATHERINE, FR  
[72] FAYE, LOIC, FR  
[71] ANGANY GENETICS, FR  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/FR2013/051383)  
[87] (WO2013/186495)  
[30] FR (12 55510) 2012-06-13

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[21] **2,875,690**  
[13] A1  
[51] **Int.Cl. C07D 487/08 (2006.01) A61K 31/504 (2006.01) A61P 31/14 (2006.01) C07D 498/08 (2006.01) C07D 498/18 (2006.01) C07D 498/22 (2006.01)**  
[25] EN  
[54] **MACROCYCLIC INHIBITORS OF FLAVIVIRIDAE VIRUSES**  
[54] **INHIBITEURS MACROCYCLIQUES DE VIRUS FLAVIVIRIDAE**  
[72] STEADMAN, VICTORIA ALEXANDRA, US  
[72] POULLENNEC, KARINE G., US  
[72] LAZARIDES, LINOS, US  
[72] ACIRO, CAROLINE, US  
[72] DEAN, DAVID KENNETH, US  
[72] KEATS, ANDREW JOHN, US  
[72] SIEGEL, DUSTIN SCOTT, US  
[72] SCHRIER, ADAM JAMES, US  
[72] MACKMAN, RICHARD, US  
[72] JANS, PETR, US  
[72] WATT, GREGORY, GB  
[72] HIGHTON, ADRIAN JOHN, GB  
[72] CHIVA, JEAN YVES, GB  
[71] SELCIA LIMITED, GB  
[71] GILEAD SCIENCE, INC., US  
[85] 2014-12-03  
[86] 2013-06-07 (PCT/US2013/044812)  
[87] (WO2013/185093)  
[30] US (61/657,562) 2012-06-08

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[21] **2,875,691**  
[13] A1  
[51] **Int.Cl. B01D 29/19 (2006.01)**  
[25] EN  
[54] **MECHANICAL FILTERING PROCESS FOR DEHYDRATING MUDS AND FILTER PRESS IMPLEMENTING SAID PROCESS**  
[54] **PROCEDE DE FILTRAGE MECANIQUE POUR DESHYDRATER DES BOUES, ET PRESSE-FILTRE METTANT EN OEUVRE LEDIT PROCEDE**  
[72] SALVATO, UGO, IT  
[71] S.P. SRL, IT  
[85] 2014-12-04  
[86] 2012-06-25 (PCT/IB2012/053184)  
[87] (WO2013/186598)  
[30] IT (PD2012A000190) 2012-06-12

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[21] **2,875,692**  
[13] A1

[51] **Int.Cl. C07D 487/18 (2006.01) A61K 31/504 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07D 498/18 (2006.01)**

[25] EN

[54] **MACROCYCLIC INHIBITORS OF FLAVIVIRIDAE VIRUSES**

[54] **INHIBITEURS MACROCYCLIQUES DES VIRUS FLAVIVIRIDAE**

[72] ACIRO, CAROLINE, US

[72] STEADMAN, VICTORIA ALEXANDRA, US

[72] PETTIT, SIMON NEIL, US

[72] POULLENNEC, KARINE G., US

[72] LAZARIDES, LINOS, US

[72] DEAN, DAVID KENNETH, US

[72] DUNBAR, NEIL ANDREW, US

[72] HIGHTON, ADRIAN JOHN, US

[72] KEATS, ANDREW JOHN, US

[72] SIEGEL, DUSTIN SCOTT, US

[72] KARKI, KAPIL KUMAR, US

[72] SCHRIER, ADAM JAMES, US

[72] JANSA, PETR, US

[72] MACKMAN, RICHARD, US

[72] CHIVA, JEAN YVES, GB

[71] SELCIA LIMITED, GB

[71] GILEAD SCIENCES, INC., US

[85] 2014-12-03

[86] 2013-06-07 (PCT/US2013/044826)

[87] (WO2013/185103)

[30] US (61/657,550) 2012-06-08

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[21] **2,875,693**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 7/00 (2006.01) A01G 27/02 (2006.01)**

[25] EN

[54] **CONTROLLED ENVIRONMENT AND METHOD**

[54] **ENVIRONNEMENT REGULE ET PROCEDE ASSOCIE**

[72] ANDERSON, DANA, US

[72] JAMES, ALLEN, US

[71] LIVING GREENS FARM, INC., US

[85] 2014-12-03

[86] 2013-06-10 (PCT/US2013/045003)

[87] (WO2013/185136)

[30] US (61/657,203) 2012-06-08

[30] US (61/794,599) 2013-03-15

[30] US (PCT/US2013/003249) 2013-03-15

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[21] **2,875,694**  
[13] A1

[51] **Int.Cl. H04N 1/00 (2006.01) A61B 5/00 (2006.01) G06T 1/00 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **IMAGE VIEWING ARCHITECTURE HAVING INTEGRATED COLLABORATIVELY-BASED SECURE FILE TRANSFER MECHANISM**

[54] **ARCHITECTURE DE VISUALISATION D'IMAGE AYANT UN MECANISME INTEGRE DE TRANSFERT DE FICHIERS SECURISE FONDE SUR LA COLLABORATION**

[72] GIRARD, KENNETH GREGORY SCOTT, CA

[71] CALGARY SCIENTIFIC INC., CA

[85] 2014-12-04

[86] 2013-06-06 (PCT/IB2013/001652)

[87] (WO2013/182904)

[30] US (61/656,082) 2012-06-06

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[21] **2,875,695**  
[13] A1

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

[25] EN

[54] **HIGH THROUGHPUT SEQUENCING OF MULTIPLE TRANSCRIPTS OF A SINGLE CELL**

[54] **SEQUENCAGE A HAUT DEBIT DE MULTIPLES TRANSCRITS D'UNE CELLULE UNIQUE**

[72] HUNICKE-SMITH, SCOTT, US

[72] DEKOSKY, BRANDON, US

[72] ELLINGTON, ANDY, US

[72] GEORGIU, GEORGE, US

[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2014-12-03

[86] 2013-06-17 (PCT/US2013/046130)

[87] (WO2013/188872)

[30] US (61/660,370) 2012-06-15

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[21] **2,875,696**  
[13] A1

[51] **Int.Cl. C07C 273/04 (2006.01) C01B 3/02 (2006.01) C01C 1/02 (2006.01) C05C 9/00 (2006.01)**

[25] EN

[54] **POLYGENERATION PRODUCTION OF POWER AND FERTILIZER THROUGH EMISSIONS CAPTURE**

[54] **PRODUCTION PAR GENERATION MULTIPLE D'ENERGIE ET D'ENGRAIS AU MOYEN D'UNE CAPTURE D'EMISSIONS**

[72] MERRITT, JAMES KELLY, US

[71] GRANNUS, LLC, US

[85] 2014-12-04

[86] 2013-06-21 (PCT/IB2013/002045)

[87] (WO2014/001917)

[30] US (61/665,069) 2012-06-27

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[21] **2,875,698**  
[13] A1

[51] **Int.Cl. B65G 21/02 (2006.01) B65G 15/00 (2006.01)**

[25] EN

[54] **CLEANABLE CONVEYOR FRAME ASSEMBLY**

[54] **ENSEMBLE CADRE DE TRANSPORTEUR POUVANT ETRE NETTOYE**

[72] GUERNSEY, KEVIN W., US

[72] LANDRUM, JOHN F., US

[72] DRAPANAS, MARK T., US

[72] THOMAS, MANOJ, NL

[71] LAITRAM, L.L.C., US

[85] 2014-12-03

[86] 2013-06-20 (PCT/US2013/046686)

[87] (WO2013/192366)

[30] US (61/662,165) 2012-06-20

[30] US (61/753,520) 2013-01-17

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[21] **2,875,699**  
[13] A1

[51] **Int.Cl. B23B 27/00 (2006.01) B23B 29/12 (2006.01)**  
[25] EN  
[54] **SELF-PROPELLED ROTARY TOOL**  
[54] **OUTIL ROTATIF AUTOPROPULSE**  
[72] PARKER, GRANT LEONARD, CA  
[72] HISHAWY, HOSSAM EL DEEN AHMED, CA  
[71] PARKER, GRANT LEONARD, CA  
[71] HISHAWY, HOSSAM EL DEEN AHMED, CA  
[85] 2014-12-04  
[86] 2012-06-06 (PCT/CA2012/000552)  
[87] (WO2012/167360)  
[30] US (61/494,210) 2011-06-07

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[21] **2,875,700**  
[13] A1

[51] **Int.Cl. C01B 39/04 (2006.01) B01J 29/50 (2006.01) C01B 39/48 (2006.01)**  
[25] EN  
[54] **CHA TYPE ZEOLITIC MATERIALS AND METHODS FOR THEIR PREPARATION USING CYCLOALKYLAMMONIUM COMPOUNDS**  
[54] **MATERIAUX ZEOLITHIQUES DE TYPE CHA ET LEURS PROCEDES DE PREPARATION A L'AIDE DE COMPOSES DE CYCLOALKYLAMMONIUM**  
[72] FEYEN, MATHIAS, DE  
[72] MULLER, ULRICH, DE  
[72] RUETZ, ROGER, DE  
[72] BEIN, THOMAS, DE  
[72] MOLLER, KARIN, DE  
[71] BASF SE, DE  
[85] 2014-12-04  
[86] 2013-06-03 (PCT/IB2013/054569)  
[87] (WO2013/182974)  
[30] EP (12170709.5) 2012-06-04

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[21] **2,875,701**  
[13] A1

[51] **Int.Cl. H04W 16/28 (2009.01) H04W 52/10 (2009.01)**  
[25] EN  
[54] **EFFICIENT ADAPTABLE WIRELESS NETWORK SYSTEM WITH AGILE BEAMFORMING**  
[54] **SYSTEME EFFICACE DE RESEAU SANS FIL ADAPTABLE A FORMATION DE FAISCEAUX AGILE**  
[72] CAMPOS, LUIS ALBERTO, US  
[72] ANDREOLI-FANG, JENNIFER, US  
[72] WILLIAMS, THOMAS, US  
[71] CABLE TELEVISION LABORATORIES, INC., US  
[85] 2014-12-03  
[86] 2013-06-20 (PCT/US2013/046734)  
[87] (WO2013/192383)  
[30] US (61/662,454) 2012-06-21

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[21] **2,875,703**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **ANTI-TRKA ANTIBODIES WITH ENHANCED INHIBITORY PROPERTIES AND DERIVATIVES THEREOF**  
[54] **ANTICORPS ANTI-TRKA AYANT DES PROPRIETES INHIBITRICES AMELIOREES ET DERIVES ASSOCIES**  
[72] BLEIN, STANISLAS, CH  
[72] OLLIER, ROMAIN, CH  
[72] SKEGRO, DARKO, CH  
[71] GLENMARK PHARMACEUTICALS S.A., CH  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/IB2013/054688)  
[87] (WO2013/183032)  
[30] US (61/657,184) 2012-06-08

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[21] **2,875,710**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **MOLECULAR MALIGNANCY IN MELANOCYTIC LESIONS**  
[54] **MALIGNITE MOLECULAIRE DANS DES LESIONS MELANOCYTIQUES**  
[72] WANG, HUI, US  
[72] ROBERTS, CHRISTOPHER, US  
[72] MADDULA, KRISHNA, US  
[72] LU, ZHENQUIANG, US  
[72] BROWN, JUSTIN, US  
[72] VASICEK, TOM, US  
[72] KERNS, B.J., US  
[72] SELIGMANN, BRUCE, US  
[72] HOON, DAVE S.B., US  
[71] JOHN WAYNE CANCER INSTITUTE, US  
[71] HTG MOLECULAR DIAGNOSTICS, INC., US  
[85] 2014-12-03  
[86] 2013-06-24 (PCT/US2013/047354)  
[87] (WO2013/192616)  
[30] US (61/663,428) 2012-06-22

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[21] **2,875,711**  
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/05 (2006.01) A61K 35/74 (2015.01) A61K 49/00 (2006.01) A61M 31/00 (2006.01) B81B 7/00 (2006.01) G05D 1/10 (2006.01)**  
[25] EN  
[54] **AGGREGATION AND CONTROL OF MAGNETO-RESPONSIVE ENTITIES**  
[54] **AGREGATION ET COMMANDE D'ENTITES MAGNETO-SENSIBLES**  
[72] FELFOUL, OUAJDI, CA  
[72] MARTEL, SYLVAIN, CA  
[71] CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL, CA  
[85] 2014-12-04  
[86] 2012-06-13 (PCT/CA2012/050400)  
[87] (WO2013/185204)

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[21] **2,875,715**  
[13] A1

[51] **Int.Cl. C40B 30/02 (2006.01) G06F 19/10 (2011.01) G06F 19/18 (2011.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) C40B 20/08 (2006.01) C40B 60/12 (2006.01) G01N 1/28 (2006.01) G01N 33/483 (2006.01) G06F 19/00 (2011.01) C40B 30/08 (2006.01) G01N 30/86 (2006.01)**

[25] EN

[54] **SCREENING METHOD AND SYSTEMS UTILIZING MASS SPECTRAL FRAGMENTATION PATTERNS**

[54] **PROCEDE ET SYSTEMES DE CRIBLAGE UTILISANT DES PROFILS DE FRAGMENTATION DE SPECTRE**

[72] IBRAHIM, ASHRAF, CA  
[72] JOHNSTON, CHAD WILLIAM, CA  
[72] MA, BIN, CA  
[72] MAGARVEY, NATHAN, CA  
[72] WYATT, AUBREY BAILEY MORGAN, CA  
[72] YANG, LIAN, CA  
[71] MCMASTER UNIVERSITY, CA  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/CA2013/050430)  
[87] (WO2013/181758)  
[30] US (61/655,752) 2012-06-05

[21] **2,875,716**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**

[25] EN

[54] **ACQUIRING STRUCTURED USER DATA USING COMPOSER INTERFACE HAVING INPUT FIELDS CORRESPONDING TO ACQUIRED STRUCTURED DATA**

[54] **ACQUISITION DE DONNEES STRUCTUREES D'UTILISATEUR A L'AIDE D'UNE INTERFACE DE COMPOSITEUR COMPORTANT DES CHAMPS D'ENTREE CORRESPONDANT AUX DONNEES STRUCTUREES ACQUISES**

[72] LINDSAY, ROBERT TAAFFE, US  
[72] LESSIN, SAMUEL, US  
[72] SHAFFER, JUSTIN ALEXANDER, US  
[72] FELTON, NICHOLAS, US  
[72] CASE, RYAN, US  
[71] FACEBOOK, INC., US  
[85] 2014-12-03  
[86] 2013-06-26 (PCT/US2013/047994)  
[87] (WO2014/011399)  
[30] US (13/544,860) 2012-07-09

[21] **2,875,717**  
[13] A1

[51] **Int.Cl. F24H 3/04 (2006.01) F24F 11/053 (2006.01) F24F 11/08 (2006.01) F24H 9/20 (2006.01)**

[25] EN

[54] **METHODS FOR OPERATING HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS**

[54] **PROCEDES D'UTILISATION DE SYSTEMES DE CHAUFFAGE, DE VENTILATION ET D'AIR CONDITIONNE**

[72] BERNARD, PHILIPPE E.J., CA  
[72] GRETILLAT, MARC, CA  
[72] ROUSSEAU, ALEXANDRE, CA  
[72] ROUSSEAU, MARIO, CA  
[71] INTELLINOX INC., CA  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/CA2013/050437)  
[87] (WO2013/181762)  
[30] US (61/656,767) 2012-06-07

[21] **2,875,718**  
[13] A1

[51] **Int.Cl. C07K 5/062 (2006.01) A61P 31/14 (2006.01) C07D 487/08 (2006.01) C07D 498/08 (2006.01) C07D 498/18 (2006.01)**

[25] EN

[54] **MACROCYCLIC INHIBITORS OF FLAVIVIRIDAE VIRUSES**

[54] **INHIBITEURS MACROCYCLIQUES DES VIRUS FLAVIVIRIDAE**

[72] ACIRO, CAROLINE, US  
[72] STEADMAN, VICTORIA ALEXANDRA, US  
[72] PETTIT, SIMON NEIL, US  
[72] PoulLennEC, KARINE G., US  
[72] LAZARIDES, LINOS, US  
[72] DEAN, DAVID KENNETH, US  
[72] DUNBAR, NEIL ANDREW, US  
[72] HIGHTON, ADRIAN JOHN, US  
[72] KEATS, ANDREW JOHN, US  
[72] SIEGEL, DUSTIN SCOTT, US  
[72] KARKI, KAPIL KUMAR, US  
[72] SCHRIER, ADAM JAMES, US  
[72] JANSa, PETR, US  
[72] MACKMAN, RICHARD, US  
[71] SELCIA LIMITED, GB  
[71] GILEAD SCIENCES, INC., US  
[85] 2014-12-03  
[86] 2013-06-07 (PCT/US2013/044809)  
[87] (WO2013/185090)  
[30] US (61/657,553) 2012-06-08

[21] **2,875,719**  
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/107 (2012.01) G01V 1/18 (2006.01) G01V 1/20 (2006.01)**

[25] EN

[54] **MICROSEISMIC MONITORING WITH FIBER-OPTIC NOISE MAPPING**

[54] **CONTROLE MICROSMIQUE AVEC CARTOGRAPHIE DE BRUIT SUR FIBRES OPTIQUES**

[72] PETRELLA, ALLAN, CA  
[72] ANDREYCHUK, MARK, CA  
[72] ANGMAN, PER, CA  
[71] KOBOLD SERVICES INC., CA  
[85] 2014-12-04  
[86] 2013-06-11 (PCT/CA2013/050441)  
[87] (WO2013/185225)  
[30] US (61/658,277) 2012-06-11  
[30] US (61/774,486) 2013-03-07

[21] **2,875,721**  
[13] A1

[51] **Int.Cl. C07D 311/58 (2006.01) A61K 31/352 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **DEUTERATED BENZOPYRAN COMPOUND AND APPLICATION THEREOF**

[54] **COMPOSE DE BENZOPYRANE DEUTERIE ET APPLICATION ASSOCIEE**

[72] ZHANG, YANMEI, CN  
[72] TALLEY, JOHN JEFFREY, US  
[72] OBUKOWICZ, MARK G., US  
[72] TU, ZHENGCHAO, CN  
[72] TORTORELLA, MICKY, CN  
[72] WANG, YICAN, CN  
[72] LIU, JIANQI, CN  
[72] CHEN, YAN, CN  
[72] LIU, XIAORONG, CN  
[72] LU, XIN, CN  
[71] GUANGZHOU INSTITUTES OF BIOMEDICINE AND HEALTH, CHINESE ACADEMY OF SCIENCES, CN  
[85] 2014-12-04  
[86] 2012-08-10 (PCT/CN2012/079968)  
[87] (WO2013/189121)  
[30] CN (201210202059.X) 2012-06-18

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[21] **2,875,722**  
[13] A1

[51] **Int.Cl. F04F 7/00 (2006.01) F04B 19/00 (2006.01)**  
[25] EN  
[54] **DEVICE FOR THE CAPILLARY TRANSPORT OF LIQUIDS, USE AND METHOD FOR PRODUCING SUCH A DEVICE**  
[54] **DISPOSITIF DE TRANSPORT CAPILLAIRE DE LIQUIDES, UTILISATION ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF**  
[72] COMANNS, PHILIPP, DE  
[72] BAUMGARTNER, WERNER, DE  
[72] BERNHARDT, FRANK, DE  
[72] WINANDS, KAI, DE  
[72] ARNTZ, KRISTIAN, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD  
[85] 2014-12-04  
[86] 2013-06-28 (PCT/DE2013/100234)  
[87] (WO2014/000735)  
[30] DE (10 2012 012 884.3) 2012-06-28  
[30] DE (10 2012 021 603.3) 2012-11-06

[21] **2,875,723**  
[13] A1

[51] **Int.Cl. F01B 13/06 (2006.01) F02B 57/08 (2006.01) F02F 11/00 (2006.01)**  
[25] EN  
[54] **SEAL ASSEMBLY FOR ROTARY PISTON INTERNAL COMBUSTION ENGINE**  
[54] **ENSEMBLE D'ETANCHEITE POUR MOTEUR A COMBUSTION INTERNE A PISTONS ROTATIFS**  
[72] KNOB, VACLAV, CZ  
[71] KNOB ENGINES S.R.O., CZ  
[85] 2014-12-04  
[86] 2013-06-17 (PCT/CZ2013/000077)  
[87] (WO2013/189471)  
[30] CZ (PV 2012-422) 2012-06-21

[21] **2,875,724**  
[13] A1

[51] **Int.Cl. G01F 15/00 (2006.01) F03B 15/04 (2006.01) G01F 15/06 (2006.01) G05D 7/06 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR SUPPLYING A MEASUREMENT ELECTRONICS SYSTEM WITH ELECTRICAL ENERGY**  
[54] **PROCEDE ET DISPOSITIF POUR ALIMENTER UNE ELECTRONIQUE DE MESURE EN ENERGIE ELECTRIQUE**  
[72] SCHAFFER, BURGHARD, DE  
[72] KELLER, VOLKER, DE  
[72] CHU, ANH TUAN, DE  
[71] SENSUS SPECTRUM LLC, US  
[85] 2014-12-04  
[86] 2012-06-19 (PCT/EP2012/002577)  
[87] (WO2013/189505)

[21] **2,875,725**  
[13] A1

[51] **Int.Cl. C09K 8/74 (2006.01) C09K 8/52 (2006.01) B01F 17/18 (2006.01)**  
[25] EN  
[54] **COMPOSITION CONTAINING AN EMULSIFIED CHELATING AGENT AND PROCESS TO TREAT A SUBTERRANEAN FORMATION**  
[54] **COMPOSITION CONTENANT UN AGENT CHELATEUR EMULSIFIE ET PROCEDE POUR TRAITER UNE FORMATION SOUTERRAINE**  
[72] NASR-EL-DIN, HISHAM, US  
[72] DE WOLF, CORNELIA ADRIANA, NL  
[72] SAYED, MOHAMMED ALI IBRAHIM, US  
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/EP2013/061472)  
[87] (WO2013/189731)  
[30] US (61/661,017) 2012-06-18  
[30] EP (12175056.6) 2012-07-05  
[30] EP (PCT/EP2013/058457) 2013-04-24

[21] **2,875,726**  
[13] A1

[51] **Int.Cl. A01N 35/04 (2006.01) A01N 37/34 (2006.01) A01N 37/36 (2006.01) A01N 37/38 (2006.01) A01N 37/46 (2006.01) A01N 37/50 (2006.01) A01N 43/30 (2006.01) A01N 43/36 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 43/84 (2006.01) A01N 43/88 (2006.01) A01N 47/02 (2006.01) A01N 47/12 (2006.01) A01N 47/18 (2006.01)**  
[25] EN  
[54] **SYNERGISTIC COMPOSITIONS FOR THE PROTECTION OF AGRARIAN CROPS AND THE USE THEREOF**  
[54] **COMPOSITIONS SYNERGETIQUES POUR LA PROTECTION DE RECOLTES AGRICOLES ET LEUR UTILISATION**  
[72] PELLACINI, FRANCO, IT  
[72] VAZZOLA, MATTEO SANTINO, IT  
[72] GUSMEROLI, MARILENA, IT  
[72] SINANI, ENTELA, IT  
[72] RISERVATO, MANUELA, IT  
[71] STICHTING I-F PRODUCT COLLABORATION, NL  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/EP2013/062306)  
[87] (WO2013/186325)  
[30] IT (MI2012A 001045) 2012-06-15

[21] **2,875,727**  
[13] A1

[51] **Int.Cl. G10L 15/14 (2006.01)**  
[25] EN  
[54] **A SPEECH RECOGNITION SYSTEM AND A METHOD OF USING DYNAMIC BAYESIAN NETWORK MODELS**  
[54] **SYSTEME DE RECONNAISSANCE DE LA PAROLE ET PROCEDE D'UTILISATION DE MODELES DE RESEAU DE BAYES DYNAMIQUE**  
[72] ZIOLKO, BARTOSZ, PL  
[72] JADCZYK, TOMASZ, PL  
[71] AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE, PL  
[85] 2014-12-04  
[86] 2013-06-26 (PCT/EP2013/063330)  
[87] (WO2014/177232)  
[30] PL (P.403724) 2013-05-01

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[21] **2,875,728**  
[13] A1

[51] **Int.Cl. C09D 201/00 (2006.01) B05D 3/06 (2006.01) C09D 4/06 (2006.01) C09D 133/06 (2006.01)**

[25] EN

[54] **PIPES FOR PIPELINES PROVIDED WITH INTERNAL COATING AND METHOD FOR APPLYING THE COATING**

[54] **TUYAUX POUR CANALISATIONS COMPRENANT UN REVETEMENT INTERIEUR ET PROCEDE D'APPLICATION DU REVETEMENT**

[72] LEGROS, PHILIPPE, BE  
[72] STONE, VINCENT WILLIAM MARCEL, BE  
[72] DIAZ GONZALES, EVA, BE  
[71] ONDERZOEKSCENTRUM VOOR AANWENDING VAN STAAL N.V., BE

[85] 2014-12-04  
[86] 2013-07-05 (PCT/EP2013/064247)  
[87] (WO2014/006181)  
[30] EP (12175250.5) 2012-07-06

[21] **2,875,729**  
[13] A1

[51] **Int.Cl. B23K 11/00 (2006.01) B23K 11/14 (2006.01) B23K 11/30 (2006.01) B23K 11/31 (2006.01) B23P 19/00 (2006.01) B65G 47/14 (2006.01)**

[25] EN

[54] **RESISTANCE WELDING DEVICE**

[54] **DISPOSITIF DE SOUDAGE PAR RESISTANCE**

[72] MOLINA MESA, RICARDO, ES  
[72] MARTIN GONZALEZ, IGNACIO, ES  
[71] OCON AUTOMATED SYSTEMS, S.L., ES

[85] 2014-12-04  
[86] 2013-05-16 (PCT/ES2013/070313)  
[87] (WO2013/182720)  
[30] EP (12382229.8) 2012-06-05

[21] **2,875,730**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) G01F 13/00 (2006.01) H01L 41/113 (2006.01) H02N 2/18 (2006.01)**

[25] EN

[54] **METERING DEVICE AND METHOD FOR MANAGING AND PROVIDING COMPARATIVELY SMALL AMOUNT OF ENERGY OBTAINED FROM AN ENERGY GENERATION UNIT**

[54] **DISPOSITIF DOSEUR ET PROCEDE DE GESTION ET DE FOURNITURE D'UNE QUANTITE COMPARATIVEMENT PETITE D'ENERGIE OBTENUE D'UNE UNITE DE GENERATION D'ENERGIE**

[72] KLUMP, STEFAN, DE  
[72] RUTTEL, MARTIN, DE  
[72] VAN DER LINDEN, KLAUS, DE  
[71] JOHNSON MATTHEY CATALYSTS (GERMANY) GMBH, DE

[85] 2014-12-04  
[86] 2013-07-04 (PCT/GB2013/051779)  
[87] (WO2014/006413)  
[30] DE (102012211576.5) 2012-07-04

[21] **2,875,731**  
[13] A1

[51] **Int.Cl. G01B 17/02 (2006.01) G01D 5/48 (2006.01) H03H 7/38 (2006.01)**

[25] EN

[54] **ULTRASONIC TRANSMITTER CIRCUIT WITH MATCHED IMPEDANCE**

[54] **CIRCUIT EMETTEUR ULTRASONORE AYANT UNE IMPEDANCE AJUSTEE**

[72] HARDY, FLORIAN, CA  
[72] MORISSETTE, ERIC, CA  
[71] EDDYFI NDT INC., CA

[85] 2014-12-04  
[86] 2013-07-23 (PCT/IB2013/056039)  
[87] (WO2014/016771)  
[30] US (61/674,978) 2012-07-24

[21] **2,875,732**  
[13] A1

[51] **Int.Cl. H01M 4/1391 (2010.01) B01D 9/02 (2006.01) B01J 19/00 (2006.01) C01G 53/00 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING REACTION AGGLOMERATED PARTICLES, METHOD OF MANUFACTURING CATHODE ACTIVE MATERIAL FOR LITHIUM ION BATTERY, METHOD OF MANUFACTURING LITHIUM ION BATTERY, LITHIUM ION BATTERY, AND DEVICE OF MANUFACTURING REACTION AGGLOMERATED PARTICLES**

[54] **PROCEDE AINSI QUE DISPOSITIF DE FABRICATION DE PARTICULES AGGLOMEREES REACTIVES, PROCEDE DE FABRICATION DE SUBSTANCE ACTIVE POUR BATTERIE AU LITHIUM-ION, ET BATTERIE AU LITHIUM-ION AINSI QUE PROCEDE DE FABRICATION DE CELLE-CI**

[72] DOYA, YO, JP  
[72] GOTO, HIDENORI, JP  
[71] TSUKISHIMA KIKAI CO., LTD., JP

[85] 2014-12-04  
[86] 2013-02-15 (PCT/JP2013/053629)  
[87] (WO2013/190861)  
[30] JP (2012-139618) 2012-06-21

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[21] **2,875,733**  
[13] A1

[51] **Int.Cl. C07K 7/64 (2006.01)**

[25] EN

[54] **BETA-HAIRPIN PEPTIDOMIMETICS**

[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA**

[72] GOMBERT, FRANK OTTO, CH  
[72] OBRECHT, DANIEL, CH  
[72] LEDERER, ALEXANDER, CH  
[72] ZIMMERMANN, JOHANN, DE  
[72] OEFNER, CHRISTIAN, DE  
[71] POLYPHOR AG, CH

[85] 2014-12-04  
[86] 2012-06-06 (PCT/EP2012/060766)  
[87] (WO2013/182240)

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[21] **2,875,734**  
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**  
[25] EN  
[54] **NEEDLE SHIELD FOR AN INJECTION NEEDLE ASSEMBLY AND INJECTION NEEDLE ASSEMBLY.**

[54] **PROTECTEUR D'AIGUILLE POUR ENSEMBLE AIGUILLE A INJECTION, ET ENSEMBLE AIGUILLE A INJECTION**

[72] KNOTSSON, PER, SE  
[71] VIGMED AB, SE  
[85] 2014-12-04  
[86] 2013-07-03 (PCT/SE2013/050862)  
[87] (WO2014/007748)  
[30] SE (1250764-6) 2012-07-04

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[21] **2,875,735**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/08 (2006.01) G06Q 10/00 (2012.01) G06Q 30/00 (2012.01)**

[25] EN  
[54] **UPDATING CACHED DATABASE QUERY RESULTS**

[54] **MISE A JOUR DE RESULTATS D'INTERROGATIONS DE BASE DE DONNEES MIS EN ANTEMEMOIRE**

[72] CIABRINI, DAMIEN, FR  
[72] LEGRAND, GUILLAUME, FR  
[72] JANIN, BENOIT, FR  
[72] ISNARDY, LUC, FR  
[72] MAILLOT, NICOLAS, FR  
[72] ROBELIN, CHARLES-ANTOINE, FR  
[72] DANIELLO, RUDY, FR  
[71] AMADEUS S.A.S., FR  
[85] 2014-12-04  
[86] 2013-08-09 (PCT/EP2013/002390)  
[87] (WO2014/026753)  
[30] EP (12368020.9) 2012-08-14  
[30] US (13/585,286) 2012-08-14

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[21] **2,875,737**  
[13] A1

[51] **Int.Cl. C08K 5/29 (2006.01)**  
[25] EN  
[54] **NOVEL CARBODIIMIDE-CONTAINING COMPOSITIONS, A PROCESS FOR PREPARATION THEREOF AND USE THEREOF**

[54] **NOUVELLES COMPOSITIONS CONTENANT DES CARBODIIMIDES, PROCEDE DE PREPARATION ET UTILISATION**

[72] LAUFER, WILHELM, DE  
[72] ECKERT, ARMIN, DE  
[72] HAUCK, MARTINA, DE  
[71] RHEIN CHEMIE RHEINAU GMBH, DE  
[85] 2014-12-04  
[86] 2013-03-22 (PCT/EP2013/056157)  
[87] (WO2013/182329)  
[30] EP (12170770.7) 2012-06-05

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[21] **2,875,738**  
[13] A1

[51] **Int.Cl. B61D 1/00 (2006.01) B61D 25/00 (2006.01) B61D 35/00 (2006.01)**

[25] EN  
[54] **CARRIAGE BODY FOR A RAIL VEHICLE**

[54] **CAISSE POUR VEHICULE FERROVIAIRE**

[72] KLEIN, ULRICH, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2014-12-04  
[86] 2013-05-14 (PCT/EP2013/059887)  
[87] (WO2013/182388)  
[30] DE (10 2012 209 551.9) 2012-06-06

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[21] **2,875,739**  
[13] A1

[51] **Int.Cl. G01L 1/24 (2006.01) G01L 1/26 (2006.01)**  
[25] EN  
[54] **METHOD FOR COMPENSATING FIBRE-OPTIC MEASURING SYSTEMS AND FIBRE-OPTIC MEASURING SYSTEM**

[54] **PROCEDE DE COMPENSATION DE SYSTEMES DE MESURE A FIBRES OPTIQUES ET SYSTEME DE MESURE A FIBRES OPTIQUES**

[72] BUCK, THORBJORN, DE  
[72] HOFFMANN, LARS, DE  
[72] MULLER, MATHIAS, DE  
[72] WOJTECH, ROLF, DE  
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/EP2013/061503)  
[87] (WO2013/182570)  
[30] DE (10 2012 104 877.0) 2012-06-05

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[21] **2,875,740**  
[13] A1

[51] **Int.Cl. G01L 1/24 (2006.01) G01M 11/02 (2006.01)**  
[25] EN  
[54] **OPTICAL MEASURING SYSTEM COMPRISING POLARISATION COMPENSATION, AND CORRESPONDING METHOD**

[54] **SYSTEME DE MESURE OPTIQUE A COMPENSATION DE POLARISATION ET PROCEDE ASSOCIE**

[72] BUCK, THORBJORN, DE  
[72] HOFFMANN, LARS, DE  
[72] MULLER, MATHIAS, DE  
[72] WOJTECH, ROLF, DE  
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/EP2013/061499)  
[87] (WO2013/182567)  
[30] DE (10 2012 104 874.6) 2012-06-05

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[21] **2,875,741**  
[13] A1

[51] **Int.Cl. B41J 3/407 (2006.01) B41F 17/22 (2006.01) B41F 19/00 (2006.01) B41J 3/54 (2006.01)**

[25] EN

[54] **METHOD FOR PRINTING ON A CYLINDRICAL PRINTING SURFACE OF A BEVERAGE CAN, AND BEVERAGE CAN THAT HAS BEEN PRINTED ON**

[54] **PROCEDE D'IMPRESSON D'UNE SURFACE D'IMPRESSON CYLINDRIQUE D'UNE CANETTE ET CANETTE IMPRIMEE**

[72] NOLL, WERNER, DE  
[72] KRUPP, JURGEN, DE  
[71] BALL EUROPE GMBH, CH  
[85] 2014-12-03  
[86] 2013-05-28 (PCT/EP2013/060979)  
[87] (WO2013/182454)  
[30] DE (10 2012 209 675.2) 2012-06-08

[21] **2,875,742**  
[13] A1

[51] **Int.Cl. B66D 5/26 (2006.01) F16D 49/00 (2006.01)**

[25] EN

[54] **DISK BRAKE SYSTEM**

[54] **SYSTEME DE FREINAGE A DISQUES**

[72] SCHUBERT, WOLFGANG, DE  
[72] HOFMANN, KLAUS, DE  
[71] SIEMAG TECBERG GMBH, DE  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/EP2013/061830)  
[87] (WO2013/182691)  
[30] DE (10 2012 011 539.3) 2012-06-08

[21] **2,875,743**  
[13] A1

[51] **Int.Cl. C07K 14/62 (2006.01)**

[25] EN

[54] **EXENDIN-4 PEPTIDE ANALOGUES**

[54] **ANALOGUE PEPTIDIQUE D'EXENDINE-4**

[72] HAACK, TORSTEN, DE  
[72] WAGNER, MICHAEL, DE  
[72] HENKEL, BERND, DE  
[72] STENGELIN, SIEGFRIED, DE  
[72] EVERS, ANDREAS, DE  
[71] SANOFI, FR  
[85] 2014-12-04  
[86] 2013-06-12 (PCT/EP2013/062090)  
[87] (WO2013/186240)  
[30] EP (12172010.6) 2012-06-14

[21] **2,875,744**  
[13] A1

[51] **Int.Cl. B60G 7/00 (2006.01) B60G 7/02 (2006.01) F16C 11/06 (2006.01)**

[25] EN

[54] **ASSEMBLY OF A BALL JOINT AND A TRIANGULAR SUSPENSION ARM**

[54] **ENSEMBLE JOINT A BILLE ET BRAS DE SUSPENSION TRIANGULAIRE**

[72] BYRNES, THOMAS J., US  
[71] FEDERAL-MOGUL PRODUCTS, INC., US  
[85] 2014-12-04  
[86] 2013-03-15 (PCT/US2013/031827)  
[87] (WO2013/184221)  
[30] US (61/656,094) 2012-06-06

[21] **2,875,745**  
[13] A1

[51] **Int.Cl. A63H 27/00 (2006.01) A63H 17/00 (2006.01) A63H 17/26 (2006.01)**

[25] EN

[54] **PROPULSION SYSTEM FOR A VEHICLE OR A TOY VEHICLE**

[54] **SYSTEME DE PROPULSION POUR UN VEHICULE OU UN VEHICULE-JOUE**

[72] MIELNICZEK, WITOLD, GB  
[71] MIELNICZEK, WITOLD, GB  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/EP2013/061864)  
[87] (WO2013/182708)  
[30] GB (1210010.3) 2012-06-07

[21] **2,875,746**  
[13] A1

[51] **Int.Cl. F01D 11/00 (2006.01) F02C 7/28 (2006.01) F16J 15/08 (2006.01)**

[25] EN

[54] **SEAL BETWEEN STATIC TURBINE PARTS**

[54] **JOINT ENTRE DES PIECES STATIQUES DE TURBINE**

[72] HANUMANTHAN, HARIHARAN, IN  
[72] GEORGAKIS, CHRISTOS, GB  
[71] ALSTOM TECHNOLOGY LTD, CH  
[85] 2014-12-04  
[86] 2013-06-17 (PCT/EP2013/062509)  
[87] (WO2013/189883)  
[30] EP (12172408.2) 2012-06-18

[21] **2,875,747**  
[13] A1

[51] **Int.Cl. H05B 6/64 (2006.01)**

[25] EN

[54] **MOBILE MICROWAVE PROCESSING UNIT FOR PAVEMENT RECYCLING AND ASPHALT PAVEMENT PRODUCTION**

[54] **UNITE DE TRAITEMENT MOBILE A MICRO-ONDES POUR LE RECYCLAGE DU REVETEMENT ROUTIER ET LA PRODUCTION D'UN REVETEMENT EN BITUME**

[72] ELIOT, MARK, US  
[71] LEAP TECHNOLOGIES, INC., US  
[71] ELIOT, MARK, US  
[85] 2014-12-04  
[86] 2013-05-06 (PCT/US2013/039696)  
[87] (WO2013/166490)  
[30] US (61/643,010) 2012-05-04  
[30] US (61/643,046) 2012-05-04

[21] **2,875,748**  
[13] A1

[51] **Int.Cl. F16C 32/04 (2006.01) H02K 5/128 (2006.01)**

[25] EN

[54] **ENCAPSULATED MAGNET ASSEMBLY, METHOD OF PURGING A GAP ROTARY MACHINE AND OIL/GAS PLANT DESCRIPTION**

[54] **ENSEMBLE AIMANT ENROBE, PROCEDE DE PURGE D'UNE MACHINE TOURNANTE A ENTREFER ET DESCRIPTION D'UNE INSTALLATION PETROLIFERE/GAZIERE**

[72] LOMBARDI, LUCA, IT  
[71] NUOVO PIGNONE SRL, IT  
[85] 2014-12-04  
[86] 2013-06-18 (PCT/EP2013/062648)  
[87] (WO2013/189941)  
[30] IT (CO2012A000033) 2012-06-19

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[21] **2,875,749**  
[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01) A61P 11/00 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT OF THE PULMONARY FORM OF ALTITUDE SICKNESS CAUSED BY LACK OF OXYGEN AND REDUCED AIR PRESSURE**  
[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER LA FORME PULMONAIRE DU MAL DE L'ALTITUDE CAUSEE PAR LA RAREFACTION DE L'OXYGENE ET LA DIMINUTION DE LA PRESSION ATMOSPHERIQUE**  
[72] FISCHER, BERNHARD, AT  
[72] LUCAS, RUDOLF, US  
[72] FISCHER, HENDRIK, AT  
[71] APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH, AT  
[85] 2014-12-04  
[86] 2013-06-19 (PCT/EP2013/062777)  
[87] (WO2014/001177)  
[30] EP (12173983.3) 2012-06-28

[21] **2,875,750**  
[13] A1

[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/502 (2006.01) C09K 8/64 (2006.01) C09K 8/82 (2006.01)**  
[25] EN  
[54] **RHEOLOGY MODIFIER FOR DRILLING AND WELL TREATMENT FLUIDS**  
[54] **MODIFICATEUR DE RHEOLOGIE POUR FLUIDES DE TRAITEMENT DE FORAGE ET DE PUIITS**  
[72] PICCO, CRISTINA MARIA, IT  
[72] CECCHETTO, MASSIMO, IT  
[72] PIROVANO, PIERANGELO, IT  
[72] MERLI, LUIGI, IT  
[72] FLORIDI, GIOVANNI, IT  
[72] LI BASSI, GIUSEPPE, IT  
[71] LAMBERTI S.P.A., IT  
[85] 2014-12-04  
[86] 2013-06-20 (PCT/EP2013/062894)  
[87] (WO2014/001192)  
[30] IT (VA2012A000022) 2012-06-25

[21] **2,875,751**  
[13] A1

[51] **Int.Cl. A47J 43/06 (2006.01)**  
[25] EN  
[54] **INTEGRATED UNIT-OPERATIONS FOOD-PROCESSING APPARATUS**  
[54] **APPAREIL DE TRANSFORMATION D'ALIMENTS A FONCTIONNEMENT D'UNITES INTEGRES**  
[72] SANDU, CONSTANTINE, US  
[71] NESTEC S.A., CH  
[85] 2014-12-04  
[86] 2013-06-27 (PCT/EP2013/063475)  
[87] (WO2014/001433)  
[30] US (61/666,180) 2012-06-29

[21] **2,875,752**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 39/12 (2006.01)**  
[25] EN  
[54] **IMPROVED SAFETY TESTING**  
[54] **TEST DE SECURITE AMELIORE**  
[72] TRUSHEIM, HEIDI, DE  
[72] RATHAJ, LINDA, DE  
[72] WILMS, REINHARD, DE  
[72] HOYER, WALTER, DE  
[71] NOVARTIS AG, CH  
[85] 2014-12-03  
[86] 2013-05-31 (PCT/EP2013/061331)  
[87] (WO2013/182498)  
[30] US (61/655,178) 2012-06-04

[21] **2,875,753**  
[13] A1

[51] **Int.Cl. A23L 1/00 (2006.01) A21D 13/00 (2006.01) A23L 1/035 (2006.01) A23L 1/0562 (2006.01)**  
[25] EN  
[54] **HEAT RESISTANT MOISTURE BARRIER FOR FOODS**  
[54] **BARRIERE CONTRE L'HUMIDITE RESISTANT A LA CHALEUR POUR PRODUITS ALIMENTAIRES**  
[72] BONTEMPS, ANTOINE, CH  
[71] NESTEC S.A., CH  
[85] 2014-12-04  
[86] 2013-06-27 (PCT/EP2013/063479)  
[87] (WO2014/001437)  
[30] EP (12174392.6) 2012-06-29

[21] **2,875,754**  
[13] A1

[51] **Int.Cl. G01B 21/20 (2006.01)**  
[25] EN  
[54] **3-D SCANNING AND POSITIONING INTERFACE**  
[54] **BALAYAGE EN 3 DIMENSIONS ET INTERFACE DE POSITIONNEMENT**  
[72] HEBERT, PATRICK, CA  
[72] CARETTE, ALEXANDRE, CA  
[72] SAINT-PIERRE, ERIC, CA  
[71] CREAMFORM INC., CA  
[85] 2014-12-04  
[86] 2013-06-26 (PCT/IB2013/055258)  
[87] (WO2014/013363)  
[30] US (61/672,858) 2012-07-18

[21] **2,875,755**  
[13] A1

[51] **Int.Cl. A01N 37/40 (2006.01) A01N 25/30 (2006.01) A01N 57/20 (2006.01) A01P 13/02 (2006.01)**  
[25] EN  
[54] **DRIFT CONTROL AGENT COMPRISING POLYPROPYLENE GLYCOL AND A TRIBLOCK POLYMER**  
[54] **AGENT DE LUTTE CONTRE LA DERIVE COMPRENANT DU POLYPROPYLENEGLYCOL ET UN POLYMERE TRISEQUENCE**  
[72] NOLTE, MARC, DE  
[72] SCHNABEL, GERHARD, DE  
[72] MARGUERRE, ANN-KATHRIN, DE  
[72] NGUYEN-KIM, VIET, DE  
[72] BOWE, STEVEN, US  
[72] FRIHAUF, JOHN, US  
[72] THOMAS, WALTER, US  
[72] STAAL, MAARTEN, US  
[71] BASF SE, DE  
[85] 2014-12-04  
[86] 2013-06-28 (PCT/EP2013/063641)  
[87] (WO2014/009175)  
[30] US (61/669170) 2012-07-09  
[30] EP (12176240.5) 2012-07-13  
[30] US (61/734383) 2012-12-07

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[13] A1

[51] **Int.Cl. D02G 3/44 (2006.01) B60K 15/03 (2006.01) B65D 88/16 (2006.01) D03D 1/00 (2006.01) D03D 15/00 (2006.01)**

[25] EN

[54] **HYBRID TANK WALL FOR HIGH PERFORMANCE CRASH RESISTANT TANKS**

[54] **PAROI DE RESERVOIR HYBRIDE POUR RESERVOIRS ANTI-ECRASEMENT A HAUTE PERFORMANCE**

[72] BRIAND, VALERIE, FR

[71] AERAZUR S.A., FR

[85] 2014-12-04

[86] 2013-06-28 (PCT/IB2013/055335)

[87] (WO2014/002074)

[30] US (61/665,948) 2012-06-29

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[21] **2,875,758**  
[13] A1

[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 10/04 (2012.01)**

[25] EN

[54] **GAS DEMAND PREDICTION SYSTEM AND GAS DEMAND PREDICTION METHOD**

[54] **SYSTEME DE PREDICTION DE DEMANDE DE GAZ ET PROCEDE DE PREDICTION DE DEMANDE DE GAZ**

[72] WADA, SHINJI, JP

[72] DEKAMO, SHINGO, JP

[71] NIPPON GAS CO., LTD., JP

[85] 2014-12-04

[86] 2013-06-07 (PCT/JP2013/003619)

[87] (WO2013/183309)

[30] JP (2012-130614) 2012-06-08

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[21] **2,875,759**  
[13] A1

[51] **Int.Cl. A01N 43/653 (2006.01) A01N 43/56 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **PLANT DISEASE CONTROLLING AGENT, PLANT DISEASE CONTROLLING METHOD, AND PLANT DISEASE CONTROLLING PRODUCT**

[54] **AGENT DE LUTTE CONTRE LES MALADIES DES PLANTES, METHODE DE LUTTE CONTRE LES MALADIES DES PLANTES, PRODUIT DE LUTTE CONTRE LES MALADIES DES PLANTES**

[72] TATEISHI, HIDEAKI, JP

[72] GROTE, THOMAS, DE

[72] DIETZ, JOCHEN, DE

[72] MONTAG, JURITH, DE

[72] HADEN, EGON, DE

[71] KUREHA CORPORATION, JP

[85] 2014-12-04

[86] 2013-09-12 (PCT/JP2013/005423)

[87] (WO2014/061197)

[30] JP (2012-228346) 2012-10-15

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[21] **2,875,760**  
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**

[25] EN

[54] **OPTICAL FIBRE CABLE**

[54] **CABLE A FIBRE OPTIQUE**

[72] SHIOBARA, SATORU, JP

[72] OKADA, NAOKI, JP

[72] FUKUTE, TAKAO, JP

[71] FUJIKURA LTD., JP

[85] 2014-12-04

[86] 2013-04-04 (PCT/JP2013/060292)

[87] (WO2013/187109)

[30] JP (2012-132596) 2012-06-12

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[21] **2,875,762**  
[13] A1

[51] **Int.Cl. H04L 7/10 (2006.01) H04B 10/272 (2013.01) H04B 10/69 (2013.01) H04L 25/03 (2006.01)**

[25] EN

[54] **BURST SIGNAL RECEIVING APPARATUS AND METHOD, PON OPTICAL LINE TERMINAL, AND PON SYSTEM**

[54] **DISPOSITIF ET PROCEDE DE RECEPTION DE SIGNAL DE SALVE, DISPOSITIF COTE STATION PON ET SYSTEME PON**

[72] UMEDA, DAISUKE, JP

[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP

[85] 2014-12-04

[86] 2013-02-05 (PCT/JP2013/052580)

[87] (WO2013/183319)

[30] JP (2012-128311) 2012-06-05

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[21] **2,875,764**  
[13] A1

[51] **Int.Cl. G01V 5/08 (2006.01) G01V 5/14 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM OF RESIN EVALUATION USING PULSED NEUTRON TOOLS**

[54] **PROCEDE ET SYSTEME D'EVALUATION DE RESINES A L'AIDE D'OUTILS A NEUTRONS PULSES**

[72] KWONG, KWOKSHAN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-04

[86] 2013-05-22 (PCT/US2013/042201)

[87] (WO2013/184353)

[30] US (61/656,092) 2012-06-06

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[21] **2,875,765**  
[13] A1

[51] **Int.Cl. G06K 19/077 (2006.01)**

[25] EN

[54] **CHIP CARD WITH CONTACTING THAT IS PASTY OR LIQUID AT ROOM TEMPERATURE**

[54] **CARTE A PUCE A CONTACT A L'ETAT DE PATE OU LIQUIDE A TEMPERATURE AMBIANTE**

[72] KRULL, THORALF, DE

[72] SENGE, CARSTEN, DE

[71] MORPHO CARDS GMBH, DE

[85] 2014-12-04

[86] 2013-07-02 (PCT/EP2013/063899)

[87] (WO2014/006024)

[30] DE (10 2012 211 546.3) 2012-07-03

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[13] A1

[51] **Int.Cl. F01N 13/10 (2010.01) F01N 13/18 (2010.01)**  
[25] EN  
[54] **EXHAUST SYSTEM COMPONENT ELEMENT DE SYSTEME D'ECHAPPEMENT**  
[72] TOICHI, SHINNOSUKE, JP  
[72] SHIMIZU, YUTA, JP  
[72] TSUBOSAKA, MUNEHIRO, JP  
[71] FUTABA INDUSTRIAL CO., LTD., JP  
[85] 2014-12-04  
[86] 2013-05-31 (PCT/JP2013/065239)  
[87] (WO2013/183565)  
[30] JP (2012-128945) 2012-06-06

[21] **2,875,767**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4184 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **CRYSTALLINE FORMS OF AN ANDROGEN RECEPTOR MODULATOR**  
[54] **FORMES CRISTALLINES D'UN MODULATEUR DU RECEPTEUR DES ANDROGENES**  
[72] SMITH, NICHOLAS D., US  
[72] HERBERT, MARK R., US  
[72] OUERFELLI, OUATHEK, US  
[72] DILHAS, ANNA, CH  
[71] ARAGON PHARMACEUTICALS, INC., US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/US2013/044116)  
[87] (WO2013/184681)  
[30] US (61/656,888) 2012-06-07

[21] **2,875,769**  
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01) B32B 29/00 (2006.01)**  
[25] EN  
[54] **DOUBLE-LAYERED SHEET SYSTEMS**  
[54] **SYSTEMES DE FEUILLE A DOUBLE COUCHE**  
[72] LEFEVRE, RICHARD D., US  
[72] FOUSS, CAMERON, US  
[71] MAGNUM MAGNETICS CORPORATION, US  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/US2013/044152)  
[87] (WO2013/184706)  
[30] US (61/655,397) 2012-06-04  
[30] US (61/676,273) 2012-07-26  
[30] US (13/908,835) 2013-06-03

[21] **2,875,771**  
[13] A1

[51] **Int.Cl. C08G 63/78 (2006.01) C08G 63/183 (2006.01) C12P 7/18 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING POLYBUTYLENE TEREPHTHALATE**  
[54] **PROCEDE DE FABRICATION DE POLY(TEREPHTHALATE DE BUTYLENE)**  
[72] UTSUNOMIYA, MASARU, JP  
[72] IZAWA, YUSUKE, JP  
[72] KONISHI, NORIKAZU, JP  
[72] MATSUZONO, SHINICHIRO, JP  
[72] SUZUKI, TAKAYUKI, JP  
[72] JAPS, MICHAEL, US  
[72] BURK, MARK, US  
[72] CLARK, WARREN, US  
[71] MITSUBISHI CHEMICAL CORPORATION, JP  
[85] 2014-12-04  
[86] 2013-06-03 (PCT/JP2013/065365)  
[87] (WO2013/183590)  
[30] JP (2012-128064) 2012-06-05

[21] **2,875,772**  
[13] A1

[51] **Int.Cl. B65C 3/06 (2006.01)**  
[25] EN  
[54] **CONTAINER SLEEVING METHOD AND SYSTEM FOR FIXING A SLEEVE AROUND A CONTAINER**  
[54] **PROCEDE DE MANCHONNAGE DE RECIPIENT ET SYSTEME DE FIXATION D'UN MANCHON AUTOUR D'UN RECIPIENT**  
[72] KOOLHAAS, ERNST CHRISTIAAN, NL  
[71] FUJI SEAL INTERNATIONAL, INC., JP  
[85] 2014-12-04  
[86] 2013-07-02 (PCT/EP2013/063914)  
[87] (WO2014/006033)  
[30] NL (2009104) 2012-07-02  
[30] NL (2010272) 2013-02-07

[21] **2,875,773**  
[13] A1

[51] **Int.Cl. G07F 11/52 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SIMULTANEOUS ARTICLE RETRIEVAL AND TRANSACTION VALIDATION**  
[54] **SYSTEME ET PROCEDE POUR UNE VALIDATION DE TRANSACTION ET UNE EXTRACTION D'ARTICLE SIMULTANES**  
[72] POLUBINSKI, JIM, US  
[72] PTACEK, WILLIAM, US  
[71] REDBOX AUTOMATED RETAIL, LLC, US  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/US2013/044184)  
[87] (WO2013/184728)  
[30] US (13/489,337) 2012-06-05

[21] **2,875,775**  
[13] A1

[51] **Int.Cl. H02G 15/04 (2006.01)**  
[25] EN  
[54] **CORONA-FREE CAP ASSEMBLY**  
[54] **ENSEMBLE CHAPEAU SANS DECHARGE COURONNE**  
[72] HUANG, ZHENG, CN  
[72] ZHANG, MING, CN  
[72] YANG, JINQUAN, CN  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/US2013/044199)  
[87] (WO2014/003999)  
[30] CN (201210214920.4) 2012-06-26

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[21] **2,875,777**  
[13] A1

[51] **Int.Cl. G01T 1/178 (2006.01) G01T 7/00 (2006.01)**  
[25] EN  
[54] **RADON DETECTION AND MITIGATION IN A BUILDING AUTOMATION SYSTEM**  
[54] **DETECTION ET LIMITATION DE RADON DANS UN SYSTEME D'AUTOMATISATION D'IMMEUBLE**  
[72] RODELL, KRISTINE C., US  
[71] SIEMENS INDUSTRY, INC., US  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/US2013/044209)  
[87] (WO2013/184741)  
[30] US (61/656,089) 2012-06-06  
[30] US (13/907,235) 2013-05-31

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[21] **2,875,779**  
[13] A1

[51] **Int.Cl. B29C 70/22 (2006.01) B82Y 40/00 (2011.01) B29D 7/01 (2006.01) B32B 7/04 (2006.01) B32B 27/28 (2006.01)**  
[25] EN  
[54] **FABRICATION OF DIRECTIONALLY ORIENTED BLOCK COPOLYMER FILMS**  
[54] **FABRICATION DE FILMS A BASE DE COPOLYMERES SEQUENCES A ORIENTATION DIRECTIONNELLE**  
[72] SINGH, GURPREET, US  
[72] KARIM, ALAMGIR, US  
[71] THE UNIVERSITY OF AKRON, US  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/US2013/044303)  
[87] (WO2013/184795)  
[30] US (61/655,664) 2012-06-05

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[21] **2,875,780**  
[13] A1

[51] **Int.Cl. C12M 1/16 (2006.01) C12M 1/06 (2006.01)**  
[25] EN  
[54] **SOLID STATE BIOREACTOR ADAPTED FOR AUTOMATION**  
[54] **BIOREACTEUR A SEMI-CONDUCTEUR APPROPRIE POUR L'AUTOMATISATION**  
[72] ANDERSEN, CLAUS, DK  
[72] KORSHOLM, LARS, US  
[72] REZAEI, FARZANEH, US  
[72] CHANG, FELICIA, US  
[72] SAADAT, ANGIE P., US  
[71] NOVOZYMES BIOAG A/S, DK  
[71] NOVOZYMES BILOGICALS, INC., US  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/US2013/044312)  
[87] (WO2013/184800)  
[30] US (61/656,175) 2012-06-06  
[30] US (61/679,176) 2012-08-03

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[21] **2,875,781**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) H02J 1/04 (2006.01)**  
[25] EN  
[54] **LED LIGHTING SYSTEM REMOTELY DISTRIBUTED POWER NETWORK**  
[54] **RESEAU ELECTRIQUE DISTRIBUE, SITUE A DISTANCE D'UN SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**  
[72] FETTERLY, RICHARD H., US  
[72] HEBBORN, KEVIN A., US  
[72] AHMAD, RIZWAN, US  
[71] DIALIGHT CORPORATION, US  
[85] 2014-12-04  
[86] 2013-06-05 (PCT/US2013/044349)  
[87] (WO2013/184829)  
[30] US (13/492,663) 2012-06-08

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[21] **2,875,782**  
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01)**  
[25] EN  
[54] **SINGLE USE BREATHING MASK WITH ADHESIVE GASKET**  
[54] **MASQUE DE RESPIRATION A USAGE UNIQUE POURVU D'UN JOINT ADHESIF**  
[72] DALY, ROBERT W., US  
[71] THE PERIODIC BREATHING FOUNDATION, LLC, US  
[85] 2014-12-04  
[86] 2013-06-06 (PCT/US2013/044410)  
[87] (WO2013/184862)  
[30] US (61/656,241) 2012-06-06

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[21] **2,875,783**  
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01)**  
[25] EN  
[54] **CANINIZED ANTI-NGF ANTIBODIES AND METHODS THEREOF**  
[54] **ANTICORPS ANTI-NGF CANINISES ET PROCEDES ASSOCIES**  
[72] BERGERON, LISA MARIE, US  
[72] BAINBRIDGE, GRAEME, US  
[72] DUNHAM, STEVEN A., US  
[72] SHELTON, DAVID, US  
[71] ZOETIS LLC, US  
[85] 2014-12-04  
[86] 2013-06-06 (PCT/US2013/044430)  
[87] (WO2013/184871)  
[30] US (61/656,056) 2012-06-06

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[21] **2,875,784**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/19 (2006.01) A61K 31/765 (2006.01) A61P 15/02 (2006.01) C07C 69/68 (2006.01) C08L 67/04 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING OLIGOMERIC LACTIC ACID**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'ACIDE LACTIQUE OLIGOMERIQUE**

[72] STERNER, OLOV, SE  
[72] KULSTAD, SOREN, SE  
[72] ROBERTSSON, JEANETTE, SE  
[72] SZNITOWSKA, MALGORZATA, PL  
[72] SCHUBERT, WERNER, SE  
[71] LACCURE AB, SE  
[85] 2014-12-04  
[86] 2013-07-05 (PCT/EP2013/064265)  
[87] (WO2014/012805)  
[30] DK (PA 2012 70431) 2012-07-16

[21] **2,875,785**  
[13] A1

[51] **Int.Cl. E04B 9/06 (2006.01) E04C 3/09 (2006.01)**

[25] EN

[54] **SERPENTINE INSERT FOR OPEN WEB GRID**

[54] **PIECE RAPPORTEE ONDULEE POUR GRILLE A AME OUVERTE**

[72] LEHANE, JAMES J., JR., US  
[72] GULBRANDSEN, PEDER J., US  
[71] USG INTERIORS, LLC, US  
[85] 2014-12-04  
[86] 2013-06-06 (PCT/US2013/044459)  
[87] (WO2013/188204)  
[30] US (13/495,017) 2012-06-13

[21] **2,875,786**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12N 5/02 (2006.01)**

[25] EN

[54] **DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO PANCREATIC ENDOCRINE CELLS**

[54] **DIFFERENCIATION DES CELLULES SOUCHES EMBRYONNAIRES D'ORIGINE HUMAINE EN CELLULES ENDOCRINES PANCREATIQUES**

[72] REZANIA, ALIREZA, US  
[71] JANSSEN BIOTECH, INC., US  
[85] 2014-12-04  
[86] 2013-06-06 (PCT/US2013/044472)  
[87] (WO2013/184888)  
[30] US (61/657,160) 2012-06-08

[21] **2,875,787**  
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01)**

[25] EN

[54] **BATTERY CHARGING AND MAINTAINING WITH DEFECTIVE BATTERY MONITORING**

[54] **ENTRETIEN ET CHARGE D'UNE BATTERIE AVEC UN CONTROLE DE BATTERIE DEFECTUEUX**

[72] BROCKMAN, DARYL C., US  
[72] LIEDHEGNER, JOSEPH E., US  
[71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US  
[85] 2014-12-04  
[86] 2013-06-06 (PCT/US2013/044492)  
[87] (WO2013/184903)  
[30] US (61/656,408) 2012-06-06  
[30] US (13/910,760) 2013-06-05

[21] **2,875,788**  
[13] A1

[51] **Int.Cl. B27N 3/00 (2006.01) C08L 3/02 (2006.01) C08L 89/00 (2006.01) C08L 97/02 (2006.01)**

[25] EN

[54] **WHEAT GLUTEN BASED COMPOSITIONS AND ARTICLES MADE THEREFROM**

[54] **COMPOSITIONS A BASE DE GLUTEN DE BLE ET ARTICLES FABRIQUES A PARTIR DE CELLES-CI**

[72] WOERDEMAN, DARA L., US  
[71] GREEN MATERIALS, LLC, US  
[85] 2014-12-04  
[86] 2013-06-06 (PCT/US2013/044511)  
[87] (WO2013/184916)  
[30] US (13/490,428) 2012-06-06

[21] **2,875,789**  
[13] A1

[51] **Int.Cl. B21D 22/26 (2006.01) B21D 24/00 (2006.01) B21D 53/88 (2006.01)**

[25] EN

[54] **MANUFACTURING METHOD AND MANUFACTURING APPARATUS OF PRESS-FORMED BODY**

[54] **PROCEDE ET EQUIPEMENT POUR PRODUIRE UN ARTICLE PRESSE-MOULE**

[72] NISHIMURA, RYUICHI, JP  
[72] OTSUKA, KENICHIRO, JP  
[72] NAKAZAWA, YOSHIKI, JP  
[72] MASUO, YOSHIHIKO, JP  
[72] SUZUKI, TOSHIYA, JP  
[72] IKEDA, YOSHIYUKI, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-12-04  
[86] 2013-06-20 (PCT/JP2013/066985)  
[87] (WO2013/191256)  
[30] JP (2012-141127) 2012-06-22

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[21] **2,875,790**  
[13] A1

[51] **Int.Cl. C07K 14/50 (2006.01) A61K 38/00 (2006.01) A61K 38/18 (2006.01) A61K 38/24 (2006.01) C07K 5/00 (2006.01) C12P 21/04 (2006.01)**

[25] EN

[54] **CHIMERIC FIBROBLAST GROWTH FACTOR 21 PROTEINS AND METHODS OF USE**

[54] **PROTEINES CHIMERES DU FACTEUR DE CROISSANCE DES FIBROBLASTES 21 ET METHODES D'UTILISATION**

[72] MOHAMMADI, MOOSA, US

[72] GOETZ, REGINA, US

[72] EVANS, RONALD M., US

[72] DOWNES, MICHAEL, US

[72] SUH, JAE MYOUNG, US

[71] NEW YORK UNIVERSITY, US

[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US

[85] 2014-12-04

[86] 2013-06-06 (PCT/US2013/044589)

[87] (WO2013/184958)

[30] US (61/656,778) 2012-06-07

[30] US (61/664,081) 2012-06-25

[30] US (13/837,880) 2013-03-15

[21] **2,875,791**  
[13] A1

[51] **Int.Cl. A61D 19/02 (2006.01) B65D 81/32 (2006.01)**

[25] EN

[54] **MULTI-COMPARTMENT CONTAINER FOR BIOLOGICAL LIQUIDS**

[54] **RECIPIENT A PLUSIEURS COMPARTIMENTS POUR LIQUIDES BIOLOGIQUES**

[72] SIMMET, LUDWIG O., US

[71] MINITUBE OF AMERICA, INC., US

[85] 2014-12-04

[86] 2013-06-06 (PCT/US2013/044517)

[87] (WO2013/184919)

[30] US (61/656,465) 2012-06-06

[21] **2,875,792**  
[13] A1

[51] **Int.Cl. A47L 15/14 (2006.01) A47L 15/16 (2006.01) A47L 15/42 (2006.01)**

[25] EN

[54] **DISH WASHING MACHINE**

[54] **LAVE-VAISSELLE**

[72] HONG, SEUNG GEE, KR

[72] KYONG, YONG SOO, KR

[72] PARK, CHAN YOUNG, KR

[72] LEE, JEA WON, KR

[72] LEE, CHANG WOOK, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2014-12-04

[86] 2013-06-04 (PCT/KR2013/004894)

[87] (WO2013/183902)

[30] KR (10-2012-0060656) 2012-06-05

[21] **2,875,793**  
[13] A1

[51] **Int.Cl. C08B 37/16 (2006.01) A01N 25/10 (2006.01) A01N 25/12 (2006.01) A01N 27/00 (2006.01) A01P 21/00 (2006.01)**

[25] EN

[54] **PARTICLE SIZE REDUCTION**

[54] **REDUCTION DE TAILLE DE PARTICULES**

[72] BECKER, CHRISTIAN GUY, US

[72] JACOBSON, RICHARD MARTIN, US

[72] STEVENS, BRIDGET MARIE, US

[71] AGROFRESH INC., US

[85] 2014-12-04

[86] 2013-06-07 (PCT/US2013/044657)

[87] (WO2013/191921)

[30] US (61/661,935) 2012-06-20

[21] **2,875,794**  
[13] A1

[51] **Int.Cl. F04C 2/107 (2006.01) E21B 4/02 (2006.01) E21B 47/01 (2012.01)**

[25] EN

[54] **TACHOMETER FOR DOWNHOLE DRILLING MOTOR**

[54] **COMPTE-TOURS POUR MOTEUR DE FORAGE DE FOND**

[72] TEODORESCU, SORIN GABRIEL, US

[72] BIRSE, SCOTT D., GB

[72] ODELL, ALBERT C., II, US

[71] WEATHERFORD/LAMB, INC., US

[85] 2014-12-04

[86] 2013-06-07 (PCT/US2013/044665)

[87] (WO2013/185005)

[30] US (61/656,751) 2012-06-07

[21] **2,875,795**  
[13] A1

[51] **Int.Cl. F25J 3/02 (2006.01) B01D 53/00 (2006.01) F25J 3/06 (2006.01)**

[25] EN

[54] **PROCESS AND APPARATUS FOR THE SEPARATION OF A STREAM CONTAINING CARBON DIOXIDE, WATER AND AT LEAST ONE LIGHT IMPURITY INCLUDING A SEPARATION STEP AT SUBAMBIENT TEMPERATURE**

[54] **PROCEDE ET APPAREIL PERMETTANT DE SEPARER UN FLUX CONTENANT DU DIOXYDE DE CARBONE, DE L'EAU ET AU MOINS UN TYPE D'IMPURETES LEGERES, ET IMPLIQUANT UNE ETAPE DE SEPARATION A UNE TEMPERATURE INFERIEURE A LA TEMPERATURE AMBIANTE**

[72] DARDE, ARTHUR, FR

[72] DUBETTIER-GRENIER, RICHARD, FR

[72] HASSE, DAVID J., US

[72] KULKARNI, SUDHIR S., US

[72] LECLERC, MATHIEU, FR

[72] TERRIEN, PAUL, FR

[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

[85] 2014-12-04

[86] 2013-07-11 (PCT/EP2013/064644)

[87] (WO2014/009449)

[30] EP (12305846.3) 2012-07-13

[21] **2,875,796**  
[13] A1

[51] **Int.Cl. D06F 37/20 (2006.01) D06F 37/04 (2006.01) D06F 37/22 (2006.01) F16F 15/32 (2006.01)**

[25] EN

[54] **BALANCING MODULE AND WASHING MACHINE HAVING THE SAME**

[54] **MODULE D'EQUILIBRAGE ET MACHINE A LAVER PRESENTANT LEDIT MODULE**

[72] BAE, IL SUNG, KR

[72] PARK, JAE SEUK, KR

[72] LEE, MOO HYUNG, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2014-12-04

[86] 2013-06-07 (PCT/KR2013/005030)

[87] (WO2013/183960)

[30] KR (10-2012-0061186) 2012-06-07

[30] KR (10-2013-0055643) 2013-05-16

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[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **TREATMENT METHOD FOR RELAPSING-REMITTING MULTIPLE SCLEROSIS**  
[54] **METHODE DE TRAITEMENT DE LA SCLEROSE EN PLAQUES RECURRENTE-REMITTENTE**  
[72] BYKOVSKAIA, SVETLANA NUNEVNA, RU  
[72] ELISEEVA, DARIA DMITRIEVNA, RU  
[72] ZAVALISHIN, IGOR ALEKSEEVICH, RU  
[71] REGENEX LLC, RU  
[85] 2014-12-04  
[86] 2013-02-14 (PCT/RU2013/000119)  
[87] (WO2014/003605)  
[30] RU (2012127158) 2012-06-29

[21] **2,875,798**  
[13] A1

[51] **Int.Cl. A61K 31/473 (2006.01) C12N 9/90 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THE INHIBITION OF PIN1**  
[54] **PROCEDES ET COMPOSITIONS POUR INHIBER PIN1**  
[72] LU, KUN PING, US  
[72] BOXER, MATTHEW BRIAN, US  
[72] DAVIS, MINDY IRENE EMILY, US  
[72] PRAGANI, RAJAN, US  
[72] SHEN, MIN, US  
[72] SIMEONOV, ANTON MOMTCHILOV, US  
[72] WEI, SHUO, US  
[72] ZHOU, XIAO ZHEN, US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/US2013/044747)  
[87] (WO2013/185055)  
[30] US (61/656,806) 2012-06-07

[21] **2,875,799**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**  
[25] EN  
[54] **PYRIMIDINYL TYROSINE KINASE INHIBITORS**  
[54] **INHIBITEURS DE TYROSINE KINASE AU PYRIMIDINYLE**  
[72] HOPKINS, BRIAN T., US  
[72] CONLON, PATRICK, US  
[72] CHAN, TIMOTHY R., US  
[72] JENKINS, TRACY J., US  
[72] CAI, XIONGWEL, US  
[72] HUMORA, MICHAEL, US  
[72] SHI, XIANGLIN, US  
[72] MILLER, ROSS A., US  
[72] THOMPSON, ANDREW, US  
[71] BIOGEN IDEC MA INC., US  
[71] SUNESIS PHARMACEUTICALS, INC., US  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/US2013/044800)  
[87] (WO2013/185084)  
[30] US (61/657,360) 2012-06-08

[21] **2,875,800**  
[13] A1

[51] **Int.Cl. F01D 25/00 (2006.01) F02C 7/22 (2006.01)**  
[25] EN  
[54] **FLUID CONDUIT**  
[54] **CONDUITE DE FLUIDE**  
[72] WOLFE, JARED MATTHEW, US  
[72] BROWN, JOSHUA DANIEL, US  
[72] PORANSKI, CHRISTOPHER FRANCIS, US  
[72] CONDRAC, EDWARD J., US  
[72] MARTELL, RAYMOND FLOYD, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2014-12-04  
[86] 2013-06-14 (PCT/US2013/045766)  
[87] (WO2013/188723)  
[30] US (61/660,533) 2012-06-15

[21] **2,875,802**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61P 25/00 (2006.01) C07D 403/14 (2006.01)**  
[25] EN  
[54] **AZETIDINE AND PIPERIDINE COMPOUNDS USEFUL AS PDE10 INHIBITORS**  
[54] **COMPOSES D'AZETIDINE ET DE PIPERIDINE UTILES COMME INHIBITEURS DE PDE10**  
[72] ALLEN, JENNIFER R., US  
[72] CHEN, JIAN J., US  
[72] FROHN, MICHAEL J., US  
[72] KALLER, MATTHEW RICHARD, US  
[72] LIU, QINGYIAN, US  
[72] NGUYEN, THOMAS T., US  
[72] PICKRELL, ALEXANDER J., US  
[72] QIAN, WENYUAN, US  
[72] RZASA, ROBERT M., US  
[72] ZHONG, WENGE, US  
[71] AMGEN INC., US  
[85] 2014-12-04  
[86] 2013-06-14 (PCT/US2013/045768)  
[87] (WO2013/188724)  
[30] US (61/659,911) 2012-06-14

[21] **2,875,803**  
[13] A1

[51] **Int.Cl. F24C 15/20 (2006.01)**  
[25] EN  
[54] **FIRE SUPPRESSION SYSTEMS, DEVICES, AND METHODS**  
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'EXTINCTION D'INCENDIE**  
[72] LIVCHAK, ANDREY V., US  
[72] BAGWELL, RICK A., US  
[72] MEREDITH, PHILIP J., US  
[72] SCHROCK, DEREK K., US  
[71] OY HALTON GROUP LTD., FI  
[85] 2014-12-04  
[86] 2013-06-07 (PCT/US2013/044839)  
[87] (WO2014/018168)  
[30] US (61/656,941) 2012-06-07

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[21] **2,875,805**  
[13] A1

[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**  
[25] EN  
[54] **PROCESS FOR STORING LIQUID RICH IN CARBON DIOXIDE IN SOLID FORM**  
[54] **PROCEDE POUR STOCKER UN LIQUIDE RICHE EN DIOXYDE DE CARBONE SOUS FORME SOLIDE**  
[72] DARDE, ARTHUR, FR  
[72] DUBETTIER-GRENIER, RICHARD, FR  
[72] LOCKWOOD, FREDERICK, FR  
[72] TERRIEN, PAUL, FR  
[72] TRANIER, JEAN-PIERRE, FR  
[72] TRAVERSAC, XAVIER, FR  
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
[85] 2014-12-04  
[86] 2013-07-12 (PCT/EP2013/064855)  
[87] (WO2014/009559)  
[30] EP (12305847.1) 2012-07-13

[21] **2,875,807**  
[13] A1

[51] **Int.Cl. G06F 9/50 (2006.01)**  
[25] EN  
[54] **OFFLOADING VIRTUAL MACHINE FLOWS TO PHYSICAL QUEUES**  
[54] **DECHARGEMENT DE FLUX DE MACHINE VIRTUELLE VERS DES FILES D'ATTENTE PHYSIQUES**  
[72] KANDULA, SRLKANTH, US  
[72] KIM, CHANGHOON, US  
[72] DABAGH, ALIREZA, US  
[72] BANSAL, DEEPAK, US  
[72] MALTZ, DAVID A., US  
[71] MICROSOFT CORPORATION, US  
[85] 2014-12-04  
[86] 2013-06-12 (PCT/US2013/045290)  
[87] (WO2013/191972)  
[30] US (13/529,747) 2012-06-21

[21] **2,875,809**  
[13] A1

[51] **Int.Cl. F03D 1/04 (2006.01) F01D 1/02 (2006.01) F03B 3/12 (2006.01) F03B 3/18 (2006.01) F03D 1/06 (2006.01)**  
[25] FR  
[54] **TURBINE COMPORTANT AU MOINS DEUX ROUES 3D CREUSES EMBOITEES L'UNE DANS L'AUTRE**  
[54] **TURBINE COMPRISING AT LEAST TWO HOLLOW 3D WHEELS NESTED INSIDE ONE ANOTHER**  
[72] CARROUSET, PIERRE, FR  
[72] CARROUSET, NICOLE, FR  
[72] CARROUSET, GABRIELLE, FR  
[71] CARPYZ SAS, FR  
[85] 2014-12-04  
[86] 2013-10-23 (PCT/EP2013/072133)  
[87] (WO2014/067823)  
[30] FR (12/02880) 2012-10-29

[21] **2,875,810**  
[13] A1

[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/30 (2006.01) F01D 11/00 (2006.01)**  
[25] EN  
[54] **ROTOR ASSEMBLY, CORRESPONDING GAS TURBINE ENGINE AND METHOD OF ASSEMBLING**  
[54] **ENSEMBLE ROTOR, MOTEUR DE TURBINE A GAZ CORRESPONDANT ET PROCEDE D'ASSEMBLAGE**  
[72] PEARSON, SHAWN MICHAEL, US  
[72] BRASSFIELD, STEVEN ROBERT, US  
[72] STEGEMILLER, MARK EDWARD, US  
[72] FILIPA, JONATHAN ALAN, US  
[72] DURSTOCK, DANIEL LEE, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2014-12-04  
[86] 2013-06-14 (PCT/US2013/045791)  
[87] (WO2013/188731)  
[30] US (61/660,307) 2012-06-15

[21] **2,875,812**  
[13] A1

[51] **Int.Cl. H04L 25/03 (2006.01)**  
[25] EN  
[54] **ULTRA-LOW-POWER RADIO FOR SHORT-RANGE COMMUNICATION**  
[54] **RADIO ULTRABASSE PUISSANCE POUR COMMUNICATION A COURTE PORTEE**  
[72] WENTZLOFF, DAVID D., US  
[72] ROBERTS, NATHAN E., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2014-12-04  
[86] 2013-06-12 (PCT/US2013/045350)  
[87] (WO2013/188506)  
[30] US (61/658,515) 2012-06-12  
[30] US (13/915,749) 2013-06-12

[21] **2,875,814**  
[13] A1

[51] **Int.Cl. A63B 21/06 (2006.01) A63B 21/00 (2006.01) A63B 21/22 (2006.01) A63B 22/00 (2006.01) A63B 22/20 (2006.01)**  
[25] EN  
[54] **HYBRID RESISTANCE SYSTEM**  
[54] **SYSTEME DE RESISTANCE HYBRIDE**  
[72] HABING, DOUGLAS JOHN, US  
[71] HABING, DOUGLAS JOHN, US  
[85] 2014-12-04  
[86] 2013-06-14 (PCT/US2013/045998)  
[87] (WO2013/192048)  
[30] US (61/661,294) 2012-06-18  
[30] US (13/801,941) 2013-03-13

[21] **2,875,815**  
[13] A1

[51] **Int.Cl. G06T 7/20 (2006.01) G06F 3/046 (2006.01) G06T 17/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS OF CAMERA-BASED BODY-MOTION TRACKING**  
[54] **SYSTEMES ET PROCEDES DE SUIVI DE MOUVEMENTS DU CORPS A PARTIR D'UNE CAMERA**  
[72] SUGAYA, KIMINOBU, US  
[72] SUGAYA, ANDREW, US  
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US  
[85] 2014-12-04  
[86] 2013-06-12 (PCT/US2013/045433)  
[87] (WO2014/007955)  
[30] US (13/494,975) 2012-06-12

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[21] **2,875,816**  
[13] A1

[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/22 (2006.01) F01D 9/04 (2006.01)**

[25] EN

[54] **TURBINE AIRFOIL APPARATUS AND CORRESPONDING METHOD**

[54] **AUBE DE TURBINE AVEC CIRCUIT DE REFROIDISSEMENT DE PLATE-FORME MOULEE**

[72] MOLTER, STEPHEN MARK, US

[72] STEGEMILLER, MARK EDWARD, US

[72] PEARSON, SHAWN MICHAEL, US

[72] BRASSFIELD, STEVEN ROBERT, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2014-12-04

[86] 2013-06-17 (PCT/US2013/046113)

[87] (WO2013/188869)

[30] US (61/660,183) 2012-06-15

[21] **2,875,817**  
[13] A1

[51] **Int.Cl. E01B 9/30 (2006.01) E01B 9/68 (2006.01)**

[25] EN

[54] **RAILWAY RAIL FASTENING CLIP AND PAD FOR RECESSED RAILSEATS**

[54] **CRAPAUD DE FIXATION DE RAIL DE CHEMIN DE FER ET SEMELLE POUR APPUIS DE RAIL EN CREUX**

[72] GARDNER, CHRISTOPHER, GB

[72] COX, STEPHEN JOHN, GB

[71] PANDROL LIMITED, GB

[85] 2014-12-04

[86] 2013-04-23 (PCT/GB2013/051024)

[87] (WO2013/186520)

[30] GB (1210365.1) 2012-06-12

[21] **2,875,818**  
[13] A1

[51] **Int.Cl. A61K 31/19 (2006.01) A61K 9/22 (2006.01) A61K 9/28 (2006.01) A61K 31/192 (2006.01) A61K 31/405 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL FORMULATION FOR BEDWETTING AND METHOD OF USE THEREOF**

[54] **FORMULATION PHARMACEUTIQUE POUR ENURESIE NOCTURNE ET SON PROCEDE D'UTILISATION**

[72] DILL, DAVID A., US

[71] WELLESLEY PHARMACEUTICALS, LLC, US

[85] 2014-12-04

[86] 2013-06-28 (PCT/US2013/048627)

[87] (WO2014/018223)

[30] US (13/560,665) 2012-07-27

[30] US (13/800,761) 2013-03-13

[30] US (13/847,940) 2013-03-20

[21] **2,875,819**  
[13] A1

[51] **Int.Cl. B65B 31/04 (2006.01) A61M 5/155 (2006.01) A61M 5/20 (2006.01) A61M 39/22 (2006.01) B65B 51/26 (2006.01) B65B 51/30 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO DISPENSING VALVES**

[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES VANNES DE DISTRIBUTION**

[72] ANDERSON, IAN, GB

[72] WILLOUGHBY, ALASTAIR, GB

[72] STROOBANT, JOSHUA, GB

[72] WARBY, RICHARD, GB

[72] ALLSOP, PAUL, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-12-04

[86] 2013-06-07 (PCT/GB2013/051505)

[87] (WO2013/182856)

[30] GB (1210082.2) 2012-06-07

[21] **2,875,820**  
[13] A1

[51] **Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01) G02B 27/18 (2006.01)**

[25] EN

[54] **3-D SCANNING AND POSITIONING SYSTEM**

[54] **SYSTEME DE BALAYAGE ET DE POSITIONNEMENT TRIDIMENSIONNELS (3D)**

[72] HEBERT, PATRICK, CA

[72] ROCHETTE, FELIX, CA

[71] CREAFORM INC., CA

[85] 2014-12-04

[86] 2013-06-26 (PCT/IB2013/055256)

[87] (WO2014/006545)

[30] US (61/667,974) 2012-07-04

[21] **2,875,821**  
[13] A1

[51] **Int.Cl. H01M 4/80 (2006.01) H01M 4/86 (2006.01) H01M 8/02 (2006.01)**

[25] EN

[54] **FLOW STRUCTURES FOR USE WITH AN ELECTROCHEMICAL CELL**

[54] **STRUCTURES D'ECOULEMENT A UTILISER AVEC UNE CELLULE ELECTROCHIMIQUE**

[72] BLANCHET, SCOTT, US

[72] VAN BOEYEN, ROGER, US

[71] NUVERA FUEL CELLS, INC., US

[85] 2014-12-04

[86] 2013-06-12 (PCT/US2013/045474)

[87] (WO2013/188568)

[30] US (61/659,302) 2012-06-13

[30] US (61/817,682) 2013-04-30

[21] **2,875,822**  
[13] A1

[51] **Int.Cl. A61K 31/277 (2006.01) A61K 9/08 (2006.01) A61P 17/00 (2006.01) A61P 33/14 (2006.01)**

[25] EN

[54] **METHODS FOR PREVENTING FLEA ALLERGY DERMATITIS IN COMPANION ANIMALS**

[54] **PROCEDES DE PREVENTION DE DERMATITE ALLERGIQUE AUX PIQUES DE PUCES CHEZ LES ANIMAUX DE COMPAGNIE**

[72] NOUVEL, LARRY, US

[71] SERGEANT'S PET CARE PRODUCTS, INC., US

[85] 2014-12-04

[86] 2013-01-25 (PCT/US2013/023240)

[87] (WO2013/184172)

[30] US (13/490,213) 2012-06-06

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[21] **2,875,823**  
[13] A1

[51] **Int.Cl. G06F 21/30 (2013.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ESTABLISHING AND MONETIZING TRUSTED IDENTITIES IN CYBERSPACE WITH PERSONAL DATA SERVICE AND USER CONSOLE**  
[54] **SYSTEME ET PROCEDE SERVANT A L'ETABLISSEMENT ET A LA MONETISATION D'IDENTITES SECURISEES DANS LE CYBERESPACE COMPRENANT UN SERVICE DE DONNEES PERSONNELLES ET UNE CONSOLE UTILISATEUR**  
[72] COXE, DAVID H., US  
[72] COXE, ROBERT LLOYD, JR., US  
[72] DIALS, JOHN JOSEPH, JR., US  
[72] MCKAY-DONOVAN, CHRISTINE W., US  
[71] ID DATAWEB, INC., US  
[85] 2014-12-04  
[86] 2013-07-01 (PCT/US2013/048952)  
[87] (WO2014/005148)  
[30] US (61/666,560) 2012-06-29  
[30] US (61/676,140) 2012-07-26  
[30] US (61/753,247) 2013-01-16  
[30] US (61/762,527) 2013-02-08  
[30] US (61/764,619) 2013-02-14

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[21] **2,875,824**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4745 (2006.01) A61K 31/513 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR TREATING PANCREATIC CANCER USING COMBINATION THERAPIES COMPRISING LIPOSOMAL IRINOTECAN**  
[54] **METHODES DE TRAITEMENT DU CANCER DU PANCREAS A L'AIDE DE POLY THERAPIES COMPORTANT L'IRINOTECAN EN LIPOSOME**  
[72] BAYEVER, ELIEL, US  
[72] DHINDSA, NAVREET, US  
[72] FITZGERALD, JONATHAN BASIL, US  
[72] LAIVINS, PETER, US  
[72] MOYO, VICTOR, US  
[72] NIYIKIZA, CLET, US  
[71] MERRIMACK PHARMACEUTICALS, INC., US  
[85] 2014-12-04  
[86] 2013-06-12 (PCT/US2013/045495)  
[87] (WO2013/188586)  
[30] US (61/659,211) 2012-06-13  
[30] US (61/784,382) 2013-03-14

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[21] **2,875,826**  
[13] A1

[51] **Int.Cl. B01D 1/00 (2006.01) B01D 1/14 (2006.01) B01D 5/00 (2006.01) C02F 1/04 (2006.01) C02F 1/10 (2006.01) C02F 1/12 (2006.01) C02F 1/14 (2006.01)**  
[25] EN  
[54] **THERMODYNAMIC BALANCING OF COMBINED HEAT AND MASS EXCHANGE DEVICES**  
[54] **EQUILIBRAGE THERMODYNAMIQUE DE DISPOSITIFS D'ECHANGE DE CHALEUR ET DE MASSE COMBINES**  
[72] GOVINDAN, PRAKASH, US  
[72] THIEL, GREGORY, US  
[72] MCGOVERN, RONAN, US  
[72] LIENHARD, JOHN, US  
[72] DAS, SARIT, US  
[72] CHEHAYEB, KARIM, US  
[72] ZUBAIR, SYED, SA  
[72] ANTAR, MOHAMMED, SA  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] KING FAHD UNIVERSITY OF PETROLEUM & MINERALS, SA  
[85] 2014-12-04  
[86] 2013-07-02 (PCT/US2013/049129)  
[87] (WO2014/014660)  
[30] US (13/550,094) 2012-07-16

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[21] **2,875,825**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/10 (2012.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR LOCATING AN OBJECT OWNER**  
[54] **SYSTEME SERVANT A LA LOCALISATION D'UN PROPRIETAIRE D'UN OBJET**  
[72] HOPE, LUCY BYRD, US  
[72] WHITE, CHRISTIAN ROBERT, US  
[71] SAVE THIS LIFE, INC., US  
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[86] 2013-03-12 (PCT/US2013/030552)  
[87] (WO2013/184196)  
[30] US (61/656,854) 2012-06-07

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[13] A1

[51] **Int.Cl. A61K 38/27 (2006.01) A61K 47/42 (2006.01) A61P 5/00 (2006.01)**

[25] EN

[54] **HGH-XTEN FUSION PROTEIN AND ITS USE IN THE TREATMENT OF GROWTH HORMONE DEFICIENCY**

[54] **PROTEINE DE FUSION HGH-XTEN ET SON UTILISATION DANS LE TRAITEMENT DU DEFICIT EN HORMONE DE CROISSANCE**

[72] CLELAND, JEFFREY L., US  
[72] BRIGHT, GEORGE M., US  
[72] HUMPHRISS, ERIC, US  
[72] SCHELLENBERGER, VOLKER, US  
[72] SILVERMAN, JOSHUA, US  
[72] STEMMER, WILLEM P., US  
[72] WANG, CHIA-WEI, US  
[72] GEETHING, NATHAN, US  
[72] SPINK, BENJAMIN, US  
[71] AMUNIX OPERATING INC., US  
[85] 2014-12-04  
[86] 2013-03-14 (PCT/US2013/031673)  
[87] (WO2013/184216)  
[30] US (61/689, 390) 2012-06-05  
[30] US (61/663, 475) 2012-06-22  
[30] US (61/763, 753) 2013-02-12

[21] **2,875,828**  
[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01)**

[25] EN

[54] **AUTO-UPDATE WHILE RUNNING CLIENT INTERFACE WITH HANDSHAKE**

[54] **AUTO-MISE A JOUR AU COURS DE L'EXECUTION D'UNE INTERFACE CLIENT AVEC ETABLISSEMENT DE LIAISON**

[72] KHANDELWAL, VAIBHAV, US  
[72] REMICK, BRIAN, US  
[72] ABARAOHA, KACEY, US  
[71] MICROSOFT CORPORATION, US  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/US2013/045530)  
[87] (WO2013/191995)  
[30] US (13/528,860) 2012-06-21

[21] **2,875,829**  
[13] A1

[51] **Int.Cl. C08H 8/00 (2010.01) C12P 19/00 (2006.01)**

[25] EN

[54] **METHODS FOR REMOVING HEMICELLULOSE**

[54] **PROCEDES DE SEPARATION DE L'HEMICELLULOSE**

[72] LI, RONGFU, US  
[72] MEHTA, JAY, US  
[72] TU, XIAOYAN, US  
[72] BANSAL, PRABUDDHA, US  
[72] COMBS, MICHAEL, US  
[72] FALLON, DENIS, US  
[72] KIZER, LAWTON E., US  
[71] CELANESE INTERNATIONAL CORPORATION, US  
[85] 2014-12-04  
[86] 2013-08-20 (PCT/US2013/055832)  
[87] (WO2014/031667)  
[30] US (61/684,973) 2012-08-20  
[30] US (13/827,837) 2013-03-14

[21] **2,875,830**  
[13] A1

[51] **Int.Cl. C11B 1/02 (2006.01) C11B 3/00 (2006.01) C11C 1/04 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCTION OF LOW SATURATE OILS**

[54] **PROCEDE DE FABRICATION D'HUILES FAIBLEMENT SATUREES**

[72] DAYTON, CHRISTOPHER L.G., US  
[71] BUNGE GLOBAL INNOVATION, LLC, US  
[71] BUNGE GLOBAL INNOVATION LLC, US  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/US2013/045561)  
[87] (WO2013/188615)  
[30] US (61/659,867) 2012-06-14

[21] **2,875,831**  
[13] A1

[51] **Int.Cl. G02B 7/02 (2006.01) A61F 9/008 (2006.01) G02B 27/64 (2006.01)**

[25] EN

[54] **SCANNING LENS SYSTEMS AND METHODS OF REDUCING REACTION FORCES THEREIN**

[54] **SYSTEME DE LENTILLE DE BALAYAGE ET PROCEDES DE REDUCTION DES FORCES DE REACTION EN SON SEIN**

[72] HEITEL, ROBERT G., US  
[71] AMO DEVELOPMENT, LLC., US  
[85] 2014-12-04  
[86] 2013-10-24 (PCT/US2013/066668)  
[87] (WO2014/066671)  
[30] US (13/659,003) 2012-10-24

[21] **2,875,832**  
[13] A1

[51] **Int.Cl. B65D 30/16 (2006.01) B65D 30/12 (2006.01)**

[25] EN

[54] **REINFORCED POUCH**

[54] **SAC RENFORCE**

[72] FITZWATER, KELLY R., US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2014-12-04  
[86] 2013-03-15 (PCT/US2013/031981)  
[87] (WO2014/011236)  
[30] US (61/669,740) 2012-07-10

[21] **2,875,833**  
[13] A1

[51] **Int.Cl. B62D 37/02 (2006.01)**

[25] EN

[54] **WAKE CONVERGENCE DEVICE FOR A VEHICLE**

[54] **DISPOSITIF DE CONVERGENCE DES FILETS D'AIR DANS LE SILLAGE D'UN VEHICULE**

[72] CAMOSY, MICHAEL W., US  
[71] AUTO RESEARCH CENTER, LLC, US  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/US2013/045661)  
[87] (WO2013/188669)  
[30] US (61/658,959) 2012-06-13  
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[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/32 (2006.01)**  
[25] EN  
[54] **VITRECTOMY SURGICAL APPARATUS**  
[54] **APPAREIL CHIRURGICAL DE VITRECTOMIE**  
[72] LEE, FRED C., US  
[72] GERG, JAMES, US  
[72] LYNN, KYLE E., US  
[72] ZHANG, CHRISTINA, US  
[72] HICKEY, LAUREN M., US  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2014-12-04  
[86] 2013-12-17 (PCT/US2013/075771)  
[87] (WO2014/099982)  
[30] US (13/717,071) 2012-12-17

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[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUSES FOR TRANSFERRING ABSORBENT ARTICLES AND REJECTING DEFECTIVE ABSORBENT ARTICLES**  
[54] **PROCEDES ET APPAREILS DE TRANSFERT D'ARTICLES ABSORBANTS ET DE REJET D'ARTICLES ABSORBANTS DEFECTUEUX**  
[72] SCHNEIDER, UWE, US  
[72] COX, ROBERT GEORGE, JR., US  
[72] LONG, MICHAEL DEVIN, US  
[72] OWENS, JUSTIN B., US  
[72] LENSER, TODD DOUGLAS, US  
[72] ORDWAY, DAVID CARLTON, US  
[72] OGAWA, KAZUYA, US  
[72] ROSIAK, JEFFREY, US  
[72] KENT, JEFFREY MICHAEL, US  
[72] CEDRONE, LOUIS J., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2014-11-03  
[86] 2013-05-01 (PCT/US2013/038984)  
[87] (WO2013/166094)  
[30] US (61/640,825) 2012-05-01

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[21] **2,875,841**  
[13] A1

[51] **Int.Cl. A61K 35/74 (2015.01) A23L 1/30 (2006.01) A61P 19/08 (2006.01)**  
[25] EN  
[54] **SELECTION AND USE OF LACTIC ACID BACTERIA PREVENTING BONE LOSS IN MAMMALS**  
[54] **SELECTION ET UTILISATION DE BACTERIES LACTIQUES PREVENANT LA PERTE OSSEUSE CHEZ DES MAMMIFERES**  
[72] CONNOLLY, EAMONN, SE  
[72] BRITTON, ROBERT ALLEN, II, US  
[72] MCCABE, LAURA RAE, US  
[71] MICHIGAN STATE UNIVERSITY, US  
[71] BIOGAIA AB, SE  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/SE2013/050646)  
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[13] A1

[51] **Int.Cl. C07D 207/34 (2006.01) C07D 209/42 (2006.01)**  
[25] EN  
[54] **COMPOUNDS WITH TRPV4 ACTIVITY, COMPOSITIONS AND ASSOCIATED METHODS THEREOF**  
[54] **COMPOSES AYANT UNE ACTIVITE TRPV4, COMPOSITIONS ET PROCEDES ASSOCIES DE CES COMPOSES**  
[72] KRIZAJ, DAVID, US  
[72] PRESTWICH, GLENN D., US  
[72] BARABAS, PETER, US  
[72] XU, YONG, US  
[72] RYSKAMP, DANIEL, US  
[71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2014-12-04  
[86] 2013-03-15 (PCT/US2013/032623)  
[87] (WO2013/169396)  
[30] US (61/646,089) 2012-05-11  
[30] US (61/714,691) 2012-10-16

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[13] A1

[51] **Int.Cl. H04N 21/231 (2011.01) H04N 21/24 (2011.01) H04N 21/472 (2011.01)**  
[25] EN  
[54] **THIRD PARTY SERVER FOR VERIFYING INVENTORY SPLITS**  
[54] **SERVEUR DE TIERCE PARTIE POUR LA VERIFICATION DE PARTAGES D'INVENTAIRE**  
[72] MICK, JOHN RAYMOND JR., US  
[72] SHERWIN, JEFFREY, US  
[71] THIS TECHNOLOGY, INC., US  
[85] 2014-12-04  
[86] 2013-05-02 (PCT/US2013/039246)  
[87] (WO2014/178870)

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[13] A1

[51] **Int.Cl. H04N 21/458 (2011.01) H04H 40/09 (2009.01) H04N 21/2183 (2011.01) G06Q 30/02 (2012.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR EFFICIENT MANIFEST MANIPULATION**  
[54] **PROCEDE ET SYSTEME DE MANIPULATION DE MANIFESTE EFFICACE**  
[72] SANTANGELO, BRYAN DAVID, US  
[72] SHERWIN, JEFFREY, US  
[71] THIS TECHNOLOGY, INC., US  
[85] 2014-12-04  
[86] 2013-05-02 (PCT/US2013/039275)  
[87] (WO2014/178872)

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[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **GROUP AUTHORIZATION METHOD AND SOFTWARE**  
[54] **PROCEDE ET LOGICIEL D'AUTORISATION GROUPEE**  
[72] WEINSTEIN, MARK, US  
[72] WOLFE, JONATHAN, US  
[71] SGROUPLES, INC., US  
[85] 2014-12-04  
[86] 2012-06-08 (PCT/US2012/041502)  
[87] (WO2012/170786)  
[30] US (61/494,519) 2011-06-08

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[21] **2,875,849**  
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/32 (2006.01)**

[25] EN

[54] **VITRECTOMY SURGICAL APPARATUS WITH CUT TIMING BASED ON PRESSURES ENCOUNTERED**

[54] **APPAREIL CHIRURGICAL DE VITRECTOMIE AVEC UNE REGULATION TEMPORELLE DE COUPURE BASEE SUR LES PRESSIONS RENCONTREES**

[72] ZHANG, CHRISTINA, US

[72] LEE, FRED C., US

[72] LYNN, KYLE E., US

[72] GERG, JAMES, US

[72] HICKEY, LAUREN M., US

[71] ABBOTT MEDICAL OPTICS, INC., US

[85] 2014-12-04

[86] 2013-12-17 (PCT/US2013/075788)

[87] (WO2014/099993)

[30] US (13/717,021) 2012-12-17

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[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01) E21B 17/01 (2006.01) E21B 43/08 (2006.01)**

[25] EN

[54] **SHUNT TUBE ASSEMBLY ENTRY DEVICE**

[54] **DISPOSITIF D'ENTREE D'UN ENSEMBLE DE TUBE DE DERIVATION**

[72] LEAST, BRANDON THOMAS, US

[72] GRECI, STEPHEN MICHAEL, US

[72] LOPEZ, JEAN MARC, US

[72] VEIT, JAN, US

[72] HOLDERMAN, LUKE, US

[72] COFFIN, MAXIME, FR

[72] PENNO, ANDREW, FR

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-04

[86] 2012-06-08 (PCT/US2012/041666)

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[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01)**

[25] EN

[54] **VITRECTOMY SURGICAL APPARATUS WITH REGULATING OF MATERIAL PROCESSED**

[54] **APPAREIL CHIRURGICAL DE VITRECTOMIE AVEC REGULATION DE LA SUBSTANCE TRAITEE**

[72] LYNN, KYLE E., US

[72] GERG, JAMES, US

[72] LEE, FRED C., US

[72] HICKEY, LAUREN M., US

[72] ZHANG, CHRISTINA, US

[71] ABBOTT MEDICAL OPTICS, INC., US

[85] 2014-12-04

[86] 2013-12-17 (PCT/US2013/075815)

[87] (WO2014/105531)

[30] US (13/717,044) 2012-12-17

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[21] **2,875,854**  
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01)**

[25] EN

[54] **DETECTING COATINGS ON INTRAOCULAR LENS INSERTION DEVICES AND METHODS OF MANUFACTURING THE DEVICES**

[54] **DETECTION DE REVETEMENTS SUR DES DISPOSITIFS D'INSERTION DE LENTILLE INTRAOCULAIRE ET METHODES DE FABRICATION DES DISPOSITIFS**

[72] HELMY, AHMED, US

[72] CHENG, PEIWEN, US

[71] ABBOTT MEDICAL OPTICS, INC., US

[85] 2014-12-04

[86] 2013-12-17 (PCT/US2013/075822)

[87] (WO2014/100013)

[30] US (13/717,109) 2012-12-17

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[21] **2,875,856**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**

[25] EN

[54] **ACCOMMODATING INTRAOCULAR LENS PROVIDING PROGRESSIVE POWER CHANGE**

[54] **LENTILLE INTRAOCULAIRE ACCOMMODATIVE PERMETTANT UN CHANGEMENT DE PUISSANCE PROGRESSIF**

[72] ZHAO, HUAWEI, US

[71] ABBOTT MEDICAL OPTICS, INC., US

[85] 2014-12-04

[86] 2013-12-19 (PCT/US2013/076370)

[87] (WO2014/100325)

[30] US (61/740,845) 2012-12-21

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[21] **2,875,858**  
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01)**

[25] EN

[54] **ADHESIVE SIGNATURE-BASED METHODS FOR THE ISOLATION OF STEM CELLS AND CELLS DERIVED THEREFROM**

[54] **PROCEDES BASES SUR LA "SIGNATURE ADHESIVE" DESTINES A ISOLER DES CELLULES SOUCHES ET DES CELLULES DERIVEES DE CELLES-CI**

[72] SINGH, ANKUR, US

[72] SURI, SHALU, US

[72] MCDEVITT, TODD CHARLES, US

[72] LU, HANG, US

[72] GARCIA, ANDRES JOSE, US

[71] GEORGIA TECH RESEARCH CORPORATION, US

[85] 2014-12-04

[86] 2012-06-21 (PCT/US2012/043552)

[87] (WO2012/177880)

[30] US (61/499,323) 2011-06-21

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[21] **2,875,861**  
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01)**  
[25] EN  
[54] **SURFACE TREATMENT OF SILICONE MATERIALS**  
[54] **TRAITEMENT DE SURFACE DE MATERIAUX A BASE DE SILICONE**  
[72] HU, CAN B., US  
[72] PHAM, DEREK D., US  
[71] ABBOTT MEDICAL OPTICS, INC., US  
[85] 2014-12-04  
[86] 2014-02-26 (PCT/US2014/018593)  
[87] (WO2014/149462)  
[30] US (13/834,022) 2013-03-15

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[21] **2,875,862**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01)**  
[25] EN  
[54] **ROBUST LASER CUTTING METHODS FOR OPHTHALMIC SURGERY**  
[54] **PROCEDES DE COUPE AU LASER ROBUSTE POUR CHIRURGIE OPHTALMIQUE**  
[72] FU, HONG, US  
[72] TAMKIN, JOHN M., US  
[71] AMO DEVELOPMENT, LLC, US  
[85] 2014-12-04  
[86] 2014-01-16 (PCT/US2014/011848)  
[87] (WO2014/113569)  
[30] US (61/753,319) 2013-01-16

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[21] **2,875,864**  
[13] A1

[51] **Int.Cl. B01J 31/28 (2006.01) B01J 31/16 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) C07F 15/04 (2006.01) C08F 4/00 (2006.01) C08F 297/02 (2006.01) C08F 297/06 (2006.01)**  
[25] EN  
[54] **CONTROLLED RADICAL POLYMERIZATION, AND CATALYSTS USEFUL THEREIN**  
[54] **POLYMERISATION RADICALEE ET CATALYSEURS ASSOCIES**  
[72] NESTEROV, EVGUENI E., US  
[72] CHOI, JINWOO, US  
[72] HWANG, EUIYONG, US  
[72] CHAVEZ, CARLOS A., US  
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US  
[85] 2014-12-04  
[86] 2012-06-28 (PCT/US2012/044530)  
[87] (WO2013/006357)  
[30] US (61/503,727) 2011-07-01

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[13] A1

[51] **Int.Cl. G06F 11/36 (2006.01) G06F 11/10 (2006.01) G06F 21/00 (2013.01)**  
[25] EN  
[54] **CODEPATH INTEGRITY CHECKING**  
[54] **VERIFICATION D'INTEGRITE DE CODE DE CHEMIN**  
[72] ALLEN, RENNIE G., US  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2014-12-04  
[86] 2014-02-04 (PCT/US2014/014546)  
[87] (WO2014/121248)  
[30] US (13/758,656) 2013-02-04

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[21] **2,875,868**  
[13] A1

[51] **Int.Cl. A61L 12/14 (2006.01)**  
[25] EN  
[54] **SYNERGISTIC OPHTHALMIC COMPOSITIONS FOR DISINFECTING CONTACT LENSES**  
[54] **COMPOSITIONS OPHTALMIQUES SYNERGIQUES DE DESINFECTION DE LENTILLES DE CONTACT**  
[72] HUTH, STANLEY W., US  
[72] TRAN, DENISE, US  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2014-12-04  
[86] 2014-02-26 (PCT/US2014/018602)  
[87] (WO2014/158592)  
[30] US (13/826,257) 2013-03-14

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[21] **2,875,869**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **ATRAUMATIC IOL INSERTION CARTRIDGE OPENING**  
[54] **OUVERTURE DE CARTOUCHE D'INSERTION DE LIO SANS TRAUMATISME**  
[72] SAFABASH, JASON H., US  
[72] GAYLORD, DAVID W., US  
[72] SPRINGER, KEVIN R., US  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2014-12-04  
[86] 2014-03-03 (PCT/US2014/019987)  
[87] (WO2014/137925)  
[30] US (61/773,496) 2013-03-06

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[21] **2,875,871**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **AUTOMATED PRELOADED INTRAOCULAR LENS INJECTOR**  
[54] **INJECTEUR DE LENTILLE INTRAOCULAIRE PRECHARGE AUTOMATISE**  
[72] SAFABASH, JASON H., US  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2014-12-04  
[86] 2014-03-04 (PCT/US2014/020138)  
[87] (WO2014/137983)  
[30] US (61/772,858) 2013-03-05

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[21] **2,875,873**  
[13] A1

[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/107 (2006.01) A61F 2/16 (2006.01)**

[25] EN

[54] **INTRAOCULAR LENS THAT MATCHES AN IMAGE SURFACE TO A RETINAL SHAPE, AND METHOD OF DESIGNING SAME**

[54] **LENTILLE INTRAOCULAIRE QUI FAIT CORRESPONDRE UNE SURFACE D'IMAGE A UNE FORME RETINIENNE, ET PROCEDE DE CONCEPTION ASSOCIE**

[72] LI, KACCIE Y., NL

[72] WEEBER, HENDRIK A., NL

[72] VIDAL, CARMEN CANOVAS, NL

[72] PIERS, PATRICIA ANN, NL

[72] ZHAO, HUAWEI, US

[72] ROSEN, ROBERT, NL

[71] ABBOTT MEDICAL OPTICS INC., US

[85] 2014-12-04

[86] 2014-03-04 (PCT/US2014/020343)

[87] (WO2014/143585)

[30] US (61/776,184) 2013-03-11

[21] **2,875,874**  
[13] A1

[51] **Int.Cl. E01C 19/05 (2006.01)**

[25] EN

[54] **MICROWAVE PROCESSING UNIT FOR PAVEMENT RECYCLING AND ASPHALT PAVEMENT PRODUCTION**

[54] **UNITE DE TRAITEMENT A MICRO-ONDES POUR LE RECYCLAGE DU REVETEMENT ROUTIER ET LA PRODUCTION D'UN REVETEMENT EN BITUME**

[72] ELIOT, MARK, US

[71] LEAP TECHNOLOGIES, INC., US

[71] ELIOT, MARK, US

[85] 2014-12-04

[86] 2013-05-06 (PCT/US2013/039687)

[87] (WO2013/166489)

[30] US (61/643,010) 2012-05-04

[30] US (61/643,046) 2012-05-04

[21] **2,875,878**  
[13] A1

[51] **Int.Cl. G01N 29/32 (2006.01) G01N 29/07 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CORRECTING FOR TEMPERATURE VARIATIONS IN ULTRASONIC TESTING SYSTEMS**

[54] **PROCEDE ET SYSTEME DE CORRECTION DES VARIATIONS DE TEMPERATURE DANS LES SYSTEMES DE TEST ULTRASONORE**

[72] SMITH, NATHAN JOHN, US

[72] DUBLER, JEFFREY LEE, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2014-12-04

[86] 2013-05-14 (PCT/US2013/040846)

[87] (WO2013/191817)

[30] US (13/527,221) 2012-06-19

[21] **2,875,880**  
[13] A1

[51] **Int.Cl. C12M 3/04 (2006.01) C08F 20/56 (2006.01) C08F 293/00 (2006.01) C12M 3/02 (2006.01) C12M 3/08 (2006.01)**

[25] EN

[54] **RELEASE MEDIA**

[54] **MILIEU DE LIBERATION**

[72] GRAY, PETER, AU

[72] MONTEIRO, MICHAEL JOHN, AU

[72] MUNRO, TRENT PHILLIP, AU

[72] PROWSE, ANDREW BENJAMIN JAMES, AU

[71] THE UNIVERSITY OF QUEENSLAND, AU

[85] 2014-12-05

[86] 2013-06-07 (PCT/AU2013/000610)

[87] (WO2013/181713)

[30] AU (2012902396) 2012-06-07

[21] **2,875,882**  
[13] A1

[51] **Int.Cl. C25B 11/00 (2006.01) C25B 1/04 (2006.01)**

[25] EN

[54] **GAS PERMEABLE ELECTRODES AND ELECTROCHEMICAL CELLS**

[54] **ELECTRODES PERMEABLES AUX GAZ ET CELLULES ELECTROCHIMIQUES**

[72] SWIEGERS, GERHARD FREDERICK, AU

[72] CHEN, JUN, AU

[72] BEIRNE, STEPHEN THOMAS, AU

[72] WANG, CAIYUN, AU

[71] UNIVERSITY OF WOLLONGONG, AU

[85] 2014-12-05

[86] 2013-06-11 (PCT/AU2013/000617)

[87] (WO2013/185170)

[30] AU (2012902448) 2012-06-12

[21] **2,875,884**  
[13] A1

[51] **Int.Cl. B60K 31/00 (2006.01) B60L 3/08 (2006.01) G05D 13/00 (2006.01)**

[25] EN

[54] **SPEED CONTROL SYSTEM**

[54] **SYSTEME DE REGULATION DE VITESSE**

[72] CHAN, SIMON SZE KAY, AU

[72] FIELDING, JOHN JACOB, AU

[71] REMOTE CONTROL TECHNOLOGIES PTY LTD, AU

[85] 2014-12-05

[86] 2013-06-20 (PCT/AU2013/000659)

[87] (WO2013/188919)

[30] AU (2012902616) 2012-06-21

[30] AU (2012904510) 2012-10-16

[21] **2,875,887**  
[13] A1

[51] **Int.Cl. A63H 1/30 (2006.01)**

[25] EN

[54] **YO-YO TOY**

[54] **JOUET YOYO**

[72] ROBUSTELLI, URS, CH

[72] ALTENBURGER, GREGOR, CH

[71] LIMMAT PRODUKT GMBH, CH

[85] 2014-12-05

[86] 2012-06-07 (PCT/CH2012/000128)

[87] (WO2013/181764)

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[21] **2,875,888**  
[13] A1

[51] **Int.Cl. B01J 23/755 (2006.01) B01J 23/75 (2006.01) C01B 3/26 (2006.01)**  
[25] EN  
[54] **SULFUR TOLERANT CATALYSTS FOR HYDROGEN PRODUCTION BY CARBON DIOXIDE REFORMING OF METHANE-RICH GAS**  
[54] **CATALYSEURS TOLERANT LE SOUFRE POUR LA PRODUCTION D'HYDROGENE PAR REFORMAGE AU DIOXYDE DE CARBONE D'UN GAZ RICHE EN METHANE**  
[72] IDEM, RAPHAEL, CA  
[72] MOHAMMED, ATAULLAH KHAN, CA  
[72] SAHA, BAPPY, CA  
[71] UNIVERSITY OF REGINA, CA  
[85] 2014-12-05  
[86] 2012-05-29 (PCT/CA2012/000520)  
[87] (WO2012/167351)  
[30] US (61/494,523) 2011-06-08

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[21] **2,875,891**  
[13] A1

[51] **Int.Cl. H04N 21/43 (2011.01) H04W 4/00 (2009.01) H04N 21/258 (2011.01) G06Q 30/02 (2012.01) G06K 9/62 (2006.01) G06T 7/00 (2006.01) H04L 12/16 (2006.01) H04N 5/262 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IDENTIFYING AND ALTERING IMAGES IN A DIGITAL VIDEO**  
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION ET DE MODIFICATION D'IMAGES DANS UNE VIDEO NUMERIQUE**  
[72] DHARSSI, FATEHALI T., CA  
[72] MCKAY, ASHLEY, CA  
[71] IN SITU MEDIA CORPORATION, CA  
[85] 2014-12-05  
[86] 2012-06-07 (PCT/CA2012/000558)  
[87] (WO2012/167365)  
[30] US (61/494,348) 2011-06-07

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[21] **2,875,892**  
[13] A1

[51] **Int.Cl. B22D 11/18 (2006.01)**  
[25] EN  
[54] **CONTROL METHOD AND APPARATUS FOR CONTINUOUS CASTING STEEL POURING**  
[54] **PROCEDE DE COMMANDE ET APPAREIL DE COULAGE CONTINU D'ACIER DE MOULAGE**  
[72] TANG, ANXIANG, CN  
[72] SHENTU, LIFENG, CN  
[72] HU, JIKANG, CN  
[72] CAO, DEAN, CN  
[72] WANG, XINGYU, CN  
[72] CHEN, CHEN, CN  
[72] YAO, JIANQING, CN  
[72] LU, XINGHUA, CN  
[72] CHEN, JINSONG, CN  
[72] FENG, AIPING, CN  
[72] YU, XIAOQUANG, CN  
[71] BAOSHAN IRON & STEEL CO., LTD., CN  
[85] 2014-12-05  
[86] 2012-12-10 (PCT/CN2012/001660)  
[87] (WO2014/000135)  
[30] CN (201210219611.6) 2012-06-29

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[21] **2,875,896**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/50 (2006.01)**  
[25] EN  
[54] **DISPOSABLE SYRINGE AND PUSH ROD FOR THE SAME**  
[54] **SERINGUE JETABLE ET TIGE POUSSOIR POUR CELLE-CI**  
[72] LIN, ZUOQIAN, CN  
[71] SOL-MILLENIUM MEDICAL HK LIMITED, CN  
[85] 2014-12-05  
[86] 2012-12-28 (PCT/CN2012/087908)  
[87] (WO2013/181919)  
[30] CN (201210188526.8) 2012-06-06

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[21] **2,875,897**  
[13] A1

[51] **Int.Cl. B05C 1/08 (2006.01)**  
[25] EN  
[54] **PAINT ROLLER SYSTEM**  
[54] **SYSTEME DE ROULEAU A PEINTURE**  
[72] MITCHELL, JACK, CA  
[72] ZHANG, MING, CA  
[72] ISBERG, GARY, CA  
[72] CHURCH, G. DAVID, CA  
[71] NOUR TRADING HOUSE INC., CA  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/CA2013/000544)  
[87] (WO2013/181743)  
[30] US (61/656,060) 2012-06-06

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[21] **2,875,898**  
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/02 (2009.01) H04W 84/18 (2009.01) G06F 3/0482 (2013.01)**  
[25] EN  
[54] **INTEGRATED COMBAT RESOURCE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE RESSOURCES DE COMBAT INTEGRE**  
[72] BELANGER, DAVID, CA  
[72] BLANCHETTE, REMI, CA  
[72] CURRY, BILL, CA  
[72] RIOUX, FRANCOIS, CA  
[72] RIVEST, MARTIN, CA  
[72] ROMANO, PAUL, CA  
[72] TURCOTTE, STEPHANE, CA  
[71] THALES CANADA INC., CA  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/CA2013/000554)  
[87] (WO2013/181749)  
[30] US (61/657,337) 2012-06-08

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[21] **2,875,899**  
[13] A1

[51] **Int.Cl. A23L 2/54 (2006.01) B01F 3/04 (2006.01) B65D 85/73 (2006.01) B67D 1/04 (2006.01)**

[25] EN

[54] **BEVERAGE CARBONATING SYSTEM AND METHOD FOR CARBONATING A BEVERAGE**

[54] **SYSTEME DE CARBONATATION DE BOISSONS ET PROCEDE DE CARBONATATION D'UNE BOISSON**

[72] HATHERELL, DARREN, CA  
[71] BONNE O INC., CA  
[85] 2014-12-05  
[86] 2013-06-27 (PCT/CA2013/000605)  
[87] (WO2014/000092)  
[30] US (13/537,476) 2012-06-29  
[30] US (13/782,449) 2013-03-01

[21] **2,875,901**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/022 (2006.01) A61B 5/024 (2006.01) A61B 5/0408 (2006.01) A61B 5/1455 (2006.01)**

[25] EN

[54] **SENSOR FOR MEASURING VITAL PARAMETERS IN THE EAR CANAL**

[54] **CAPTEUR POUR MESURER DES PARAMETRES VITAUX DANS LE CONDUIT AUDITIF**

[72] KREUZER, JOHANNES, DE  
[71] COSINUSS GMBH, DE  
[85] 2014-12-05  
[86] 2012-06-07 (PCT/EP2012/060836)  
[87] (WO2012/168388)  
[30] DE (10 2011 077 066.6) 2011-06-07  
[30] DE (10 2011 081 815.4) 2011-08-30

[21] **2,875,903**  
[13] A1

[51] **Int.Cl. B29C 39/04 (2006.01) B01D 11/04 (2006.01) B29C 33/06 (2006.01) B29C 39/08 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING A SEPARATION FENCE AND SEPARATION FENCE**

[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE SEPARATION, ET ELEMENT DE SEPARATION**

[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050636)  
[87] (WO2014/001618)  
[30] FI (20125716) 2012-06-26

[21] **2,875,900**  
[13] A1

[51] **Int.Cl. H04L 25/02 (2006.01) G01S 19/31 (2010.01) H04L 5/00 (2006.01) H04L 27/26 (2006.01)**

[25] EN

[54] **SATELLITE NAVIGATION SIGNAL, GENERATING METHOD, GENERATING DEVICE, RECEIVING METHOD AND RECEIVING DEVICE**

[54] **SIGNAL DE NAVIGATION PAR SATELLITE ET PROCEDE DE GENERATION, DISPOSITIF DE GENERATION, PROCEDE DE RECEPTION ET DISPOSITIF DE RECEPTION CORRESPONDANTS**

[72] YAO, ZHENG, CN  
[72] LU, MINGQUAN, CN  
[71] TSINGHUA UNIVERSITY, CN  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/CN2013/000675)  
[87] (WO2013/181932)  
[30] CN (201210186757.5) 2012-06-07

[21] **2,875,902**  
[13] A1

[51] **Int.Cl. B65D 17/40 (2006.01) B65D 17/00 (2006.01)**

[25] EN

[54] **EASY OPEN CLOSURE WITH IMPROVED PRESSURE PERFORMANCE**

[54] **FERMETURE A OUVERTURE FACILE A PERFORMANCES DE PRESSION AMELIOREES**

[72] GAILLY, NOE JACQUES FRANCOIS, FR  
[71] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2014-12-05  
[86] 2013-04-29 (PCT/EP2013/058916)  
[87] (WO2013/182354)  
[30] EP (12171187.3) 2012-06-07

[21] **2,875,904**  
[13] A1

[51] **Int.Cl. B01D 11/00 (2006.01) B01D 21/00 (2006.01) B03B 5/60 (2006.01) C22B 3/00 (2006.01) E02D 27/32 (2006.01) B65D 88/12 (2006.01)**

[25] EN

[54] **SOLVENT EXTRACTION SETTLER COMPRISING A FOUNDATION**

[54] **DECANTEUR POUR EXTRACTION PAR SOLVANT COMPRENANT UNE FONDATION**

[72] VAARNO, JUSSI, FI  
[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050637)  
[87] (WO2014/001619)  
[30] FI (20125714) 2012-06-26

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[21] **2,875,905**  
[13] A1  
[51] **Int.Cl. F16C 19/52 (2006.01) B66B 15/02 (2006.01) F16C 39/02 (2006.01)**  
[25] EN  
[54] **LIFT SYSTEM**  
[54] **INSTALLATION D'ASCENSEUR**  
[72] MOSER, CHRISTOF, CH  
[72] LATORRE MARCUZ, CARLOS, CN  
[72] SILBERHORN, GERT, CH  
[72] BIAN, STEVEN, CN  
[72] PRINGLE, WAYNE, AU  
[72] KENNEDY, GREG, ID  
[72] GUSLANDI, SERGIO, CN  
[72] SCHWARER, PETER, AU  
[71] INVENTIO AG, CH  
[85] 2014-12-05  
[86] 2013-06-05 (PCT/EP2013/061531)  
[87] (WO2013/186092)  
[30] EP (12171672.4) 2012-06-12

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[21] **2,875,906**  
[13] A1  
[51] **Int.Cl. C22B 3/02 (2006.01) B01D 11/04 (2006.01) C22B 3/22 (2006.01)**  
[25] EN  
[54] **METHOD OF MANUFACTURING A LAUNDER AND LAUNDER**  
[54] **PROCEDE DE FABRICATION D'UNE GOULOTTE ET GOULOTTE CORRESPONDANTE**  
[72] VAARNO, JUSSI, FI  
[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050639)  
[87] (WO2014/001621)  
[30] FI (20125712) 2012-06-26

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[21] **2,875,907**  
[13] A1  
[51] **Int.Cl. C22B 3/02 (2006.01) B01D 11/04 (2006.01) C22B 3/20 (2006.01)**  
[25] EN  
[54] **SOLVENT EXTRACTION SETTLER ARRANGEMENT**  
[54] **AGENCEMENT DE DECANTEUR POUR EXTRACTION PAR SOLVANT**  
[72] VAARNO, JUSSI, FI  
[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050640)  
[87] (WO2014/001622)  
[30] FI (20125717) 2012-06-26

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[21] **2,875,908**  
[13] A1  
[51] **Int.Cl. A61K 36/53 (2006.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **EXTRACTS FROM MOTHER-OF-THYME AND THE USE THEREOF**  
[54] **EXTRAITS DE THYM SERPOLET ET UTILISATION DESDITS EXTRAITS**  
[72] WALBROEL, BERND, DE  
[72] PISCHEL, IVO, DE  
[72] FEISTEL, BJORN, DE  
[71] FINZELBERG GMBH & CO. KG, DE  
[85] 2014-12-05  
[86] 2013-06-10 (PCT/EP2013/061917)  
[87] (WO2013/182709)  
[30] EP (12171273.1) 2012-06-08

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[21] **2,875,909**  
[13] A1  
[51] **Int.Cl. C22B 3/02 (2006.01) B01D 11/04 (2006.01) C22B 3/20 (2006.01)**  
[25] EN  
[54] **SOLVENT EXTRACTION METHOD AND SOLVENT EXTRACTION SETTLER**  
[54] **PROCEDE D'EXTRACTION PAR SOLVANT ET DECANTEUR POUR EXTRACTION PAR SOLVANT**  
[72] VAARNO, JUSSI, FI  
[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[72] PAJALA, JUSSI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050641)  
[87] (WO2014/001623)  
[30] FI (20125718) 2012-06-26

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[21] **2,875,910**  
[13] A1  
[51] **Int.Cl. F02C 5/12 (2006.01) F02K 7/06 (2006.01) F23C 15/00 (2006.01) F23Q 13/00 (2006.01) F23R 7/00 (2006.01)**  
[25] FR  
[54] **METHOD AND THERMAL REACTOR FOR SINGLE-VALVE PROPULSION WITH MULTIPLE INJECTIONS AND COMBUSTIONS PER ROTATION CYCLE**  
[54] **PROCEDE ET THERMOREACTEUR DE PROPULSION MONO-VALVE A INJECTION ET COMBUSTION MULTIPLES PAR CYCLE DE ROTATION**  
[72] AGUILAR, MICHEL, FR  
[71] AGUILAR, MICHEL, FR  
[85] 2014-12-05  
[86] 2013-06-05 (PCT/EP2013/001643)  
[87] (WO2013/182301)  
[30] FR (1255318) 2012-06-07

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[21] **2,875,911**  
[13] A1  
[51] **Int.Cl. A63C 11/22 (2006.01) F16B 7/14 (2006.01)**  
[25] EN  
[54] **LENGTH-ADJUSTABLE TUBE, IN PARTICULAR FOR STICKS**  
[54] **TUBE REGLABLE EN LONGUEUR, EN PARTICULIER POUR DES BATONS**  
[72] HEIM, EBERHARD, DE  
[71] LEKISPORT AG, CH  
[85] 2014-12-05  
[86] 2013-06-19 (PCT/EP2013/062692)  
[87] (WO2014/012730)  
[30] CH (01096/12) 2012-07-19

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[21] **2,875,912**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01)**

[25] EN

[54] **ASSESSING SUSCEPTIBILITY TO EPILEPSY AND EPILEPTIC SEIZURES**

[54] **EVALUATION DE LA VULNERABILITE A L'EPILEPSIE ET A DES CRISES D'EPILEPSIE**

[72] TERRY, JOHN ROBERT, GB  
[72] RICHARDSON, MARK, GB  
[72] BENJAMIN, OSCAR, GB  
[71] UNIVERSITY OF EXETER, GB  
[71] KING'S COLLEGE LONDON, GB  
[85] 2014-12-05  
[86] 2013-06-05 (PCT/GB2013/051485)  
[87] (WO2013/182848)  
[30] GB (1209975.0) 2012-06-06  
[30] US (61/656,121) 2012-06-06

[21] **2,875,913**  
[13] A1

[51] **Int.Cl. G01S 13/89 (2006.01)**

[25] EN

[54] **METHODS FOR DETERMINING MATERIAL AND/OR SUBSURFACE COMPOSITION**

[54] **PROCEDES DE DETERMINATION DE LA COMPOSITION D'UN MATERIAU ET/OU D'UNE SUBSURFACE**

[72] STOVE, GORDON DOUGLAS COLVIN, GB  
[72] STOVE, GEORGE COLIN, GB  
[72] ROBINSON, MICHAEL JAMES, GB  
[71] ADROK LTD., GB  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/GB2013/051545)  
[87] (WO2013/186559)  
[30] GB (1210480.8) 2012-06-13

[21] **2,875,914**  
[13] A1

[51] **Int.Cl. F04D 3/02 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01) H02K 5/132 (2006.01) H02K 16/00 (2006.01)**

[25] EN

[54] **DIFFUSER FOR CABLE SUSPENDED DEWATERING PUMPING SYSTEM**

[54] **DIFFUSEUR POUR SYSTEME DE POMPAGE D'ASSECHEMENT SUSPENDU**

[72] CARSTENSEN, CHRISTIAN, DE  
[72] DE DONCKER, RIK, BE  
[72] BRAUER, HELGE, DE  
[72] FRANZ, HOLGER, DE  
[72] SCHMIDT, JOHANNES, DE  
[72] WILKOSZ, BENJAMIN EDUARD, DE  
[71] ZEITECS B.V., NL  
[85] 2014-12-05  
[86] 2013-06-25 (PCT/EP2013/063272)  
[87] (WO2014/001331)  
[30] US (61/663,956) 2012-06-25

[21] **2,875,915**  
[13] A1

[51] **Int.Cl. B23F 23/04 (2006.01) B21H 5/02 (2006.01) B21H 5/04 (2006.01) B23F 17/00 (2006.01) B23F 19/10 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING A WORKPIECE AND HOBBING MACHINE SUITABLE THEREFOR**

[54] **PROCEDE POUR USINER UNE PIECE ET MACHINE A TAILLER LES ENGRENAGES APPROPRIEE A CETTE FIN**

[72] KREBSER, GERHARD, DE  
[71] GLEASON-PFAUTER MASCHINENFABRIK GMBH, DE  
[85] 2014-12-05  
[86] 2013-06-17 (PCT/EP2013/001789)  
[87] (WO2014/000870)  
[30] DE (10 2012 012 559.3) 2012-06-25

[21] **2,875,916**  
[13] A1

[51] **Int.Cl. C07F 9/6561 (2006.01) A61K 31/675 (2006.01) A61P 31/04 (2006.01) C07F 9/60 (2006.01)**

[25] EN

[54] **PRODRUG DERIVATIVES OF (E)-N-METHYL-N-((3-METHYLBENZOFURAN-2-YL)METHYL)-3-(7-OXO-5,6,7,8-TETRAHYDRO-1,8-NAPHTHYRIDIN-3-YL)ACRYLAMIDE**

[54] **DERIVES DE TYPE PROMEDICAMENT DU (E)-N-METHYL-N-((3-METHYLBENZOFURAN-2-YL)METHYL)-3-(7-OXO-5,6,7,8-TETRAHYDRO-1,8-NAPHTHYRIDIN-3-YL)ACRYLAMIDE**

[72] PARTRIDGE, JOHN J., US  
[72] COLUCCI, JOHN, CA  
[72] GAREAU, YVES, CA  
[72] THERIEN, MICHEL, CA  
[72] ZAMBONI, ROBERT, CA  
[72] HAFKIN, BARRY, US  
[72] MARFAT, ANTHONY, US  
[72] ZAGHDANE, HELMI, CA  
[71] DEBIOPHARM INTERNATIONAL S.A., CH  
[85] 2014-12-05  
[86] 2013-06-19 (PCT/IB2013/001780)  
[87] (WO2013/190384)  
[30] US (61/661,559) 2012-06-19

[21] **2,875,917**  
[13] A1

[51] **Int.Cl. B29C 31/00 (2006.01) B29D 99/00 (2010.01) F03D 1/00 (2006.01)**

[25] EN

[54] **HANDLING DEVICE FOR HANDLING A ROTOR BLADE MOLD FOR PRODUCING A ROTOR BLADE OF A WIND TURBINE**

[54] **DISPOSITIF DE MANIPULATION DESTINE A MANIPULER UN MOULE DE PALE DE ROTOR DESTINE A FABRIQUER UNE PALE DE ROTOR D'UNE EOLIENNE**

[72] GEORGS, ARNO, DE  
[72] BIEBL, HERBERT, DE  
[72] SCHLUTER, RAINER, DE  
[71] WOBLEN PROPERTIES GMBH, DE  
[85] 2014-12-05  
[86] 2013-07-01 (PCT/EP2013/063842)  
[87] (WO2014/006000)  
[30] DE (10 2012 211 455.6) 2012-07-02

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[21] **2,875,918**  
[13] A1

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

[25] EN

[54] **METHOD FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT OF LUNG CANCER METASTASIS**

[54] **METHODE POUR LE DIAGNOSTIC, LE PRONOSTIC ET LE TRAITEMENT D'UNE METASTASE DU CANCER DU POUMON**

[72] GOMIS, ROGER, ES  
[72] PLANET, EVARIST, ES  
[71] FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA), ES  
[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/IB2013/001859)  
[87] (WO2013/182912)  
[30] US (61/656,372) 2012-06-06

[21] **2,875,919**  
[13] A1

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

[25] EN

[54] **METHOD FOR DETECTING AND IDENTIFYING ENTEROHEMORRHAGIC ESCHERICHIA COLI**

[54] **PROCEDE DE DETECTION ET D'IDENTIFICATION D'ESCHERICHIA COLI ENTEROHEMORRHAGIQUE**

[72] FACH, PATRICK, FR  
[72] DELANNOY, SABINE, FR  
[72] BEUTIN, LOTHAR, DE  
[71] AGENCE NATIONALE DE SECURITE SANITAIRE DE L'ALIMENTATION, DE L'ENVIRONNEMENT ET DU TRAVAIL, FR  
[71] BUNDESINSTITUT FUR RISIKOBEWERTUNG, DE  
[85] 2014-12-05  
[86] 2013-06-14 (PCT/IB2013/054888)  
[87] (WO2013/186754)  
[30] EP (12171941.3) 2012-06-14

[21] **2,875,920**  
[13] A1

[51] **Int.Cl. B62D 7/14 (2006.01) B62D 13/04 (2006.01) F16F 1/12 (2006.01)**

[25] EN

[54] **STEERING ARRANGEMENT**

[54] **ENSEMBLE DE DIRECTION**

[72] BUTTNER, JOSEF, DE  
[72] BOHME, LUTZ, DE  
[71] SAF-HOLLAND GMBH, DE  
[85] 2014-12-05  
[86] 2013-05-31 (PCT/EP2013/061226)  
[87] (WO2013/186063)  
[30] DE (10 2012 209 690.6) 2012-06-11

[21] **2,875,921**  
[13] A1

[51] **Int.Cl. B60K 20/02 (2006.01) G05G 1/01 (2009.01)**

[25] EN

[54] **SHIFT DEVICE FOR VEHICLE**

[54] **DISPOSITIF DE COMMUTATION POUR VEHICULE**

[72] ISHINO, TORU, JP  
[72] MIHASHI, OSAMU, JP  
[71] HONDA MOTOR CO., LTD., JP  
[85] 2014-12-05  
[86] 2013-05-29 (PCT/JP2013/064873)  
[87] (WO2013/183513)  
[30] JP (2012-130914) 2012-06-08

[21] **2,875,922**  
[13] A1

[51] **Int.Cl. C08G 18/28 (2006.01) C08G 18/18 (2006.01) C08G 18/62 (2006.01) C08G 18/79 (2006.01) C08G 18/80 (2006.01) C09D 175/04 (2006.01)**

[25] EN

[54] **POLYURETHANE COATING MATERIAL COMPOSITION, MULTISTAGE COATING METHODS, AND ALSO THE USE OF THE COATING MATERIAL COMPOSITION**

[54] **COMPOSITION D'AGENTS DE REVETEMENT A BASE DE POLYURETHANE ET SON UTILISATION, PROCEDES DE REVETEMENT EN PLUSIEURS ETAPES**

[72] HOFFMANN, PETER, DE  
[72] SCHNIER, BENEDIKT, DE  
[71] BASF COATINGS GMBH, DE  
[85] 2014-12-05  
[86] 2013-06-04 (PCT/EP2013/061451)  
[87] (WO2014/016026)  
[30] US (61/675,357) 2012-07-25  
[30] EP (12177761.9) 2012-07-25

[21] **2,875,923**  
[13] A1

[51] **Int.Cl. H04L 12/70 (2013.01) H04L 12/717 (2013.01)**

[25] EN

[54] **SWITCH DEVICE, VLAN CONFIGURATION AND MANAGEMENT METHOD, AND PROGRAM**

[54] **DISPOSITIF DE COMMUTATION, PROCEDE DE CONFIGURATION ET DE GESTION DE VLAN, ET PROGRAMME**

[72] YOSHIDA, HIROKAZU, JP  
[72] SUZUKI, YOJI, JP  
[71] NEC CORPORATION, JP  
[85] 2014-12-05  
[86] 2013-06-05 (PCT/JP2013/065568)  
[87] (WO2013/183664)  
[30] JP (2012-129231) 2012-06-06

[21] **2,875,924**  
[13] A1

[51] **Int.Cl. H02M 3/335 (2006.01) B60L 11/18 (2006.01) H02J 7/00 (2006.01) H02M 1/10 (2006.01) H02M 3/22 (2006.01) H02M 7/66 (2006.01) H02J 3/32 (2006.01) H02M 3/337 (2006.01)**

[25] FR

[54] **MULTI-DIRECTIONAL CONVERTER COMPRISING THREE PORTS AND A SINGLE TRANSFORMER FOR ELECTRIC VEHICLES**

[54] **CONVERTISSEUR REVERSIBLE**

[72] BIAGINI, ERIC, FR  
[72] COSTE, FRANCOIS, FR  
[71] INTELLIGENT ELECTRONIC SYSTEMS, FR  
[85] 2014-12-05  
[86] 2013-07-19 (PCT/EP2013/065314)  
[87] (WO2014/013058)  
[30] FR (12/57035) 2012-07-20

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[21] **2,875,925**  
[13] A1

[51] **Int.Cl. G01L 11/02 (2006.01) G01L 1/24 (2006.01)**  
[25] EN  
[54] **MEMS OPTICAL SENSOR**  
[54] **CAPTEUR OPTIQUE DE SYSTEME MICROELECTROMECHANIQUE (MEMS)**  
[72] RECK, KASPER, DK  
[72] OSTERGAARD, CHRISTIAN, DK  
[72] HANSEN, OLE, DK  
[72] THOMSEN, ERIK VILAIN, DK  
[71] TECHNICAL UNIVERSITY OF DENMARK, DK  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/EP2013/061701)  
[87] (WO2013/182643)  
[30] EP (12171002.4) 2012-06-06  
[30] US (61/656,051) 2012-06-06

[21] **2,875,926**  
[13] A1

[51] **Int.Cl. A61F 9/00 (2006.01)**  
[25] EN  
[54] **AUTOMATIC MACHINE SETTINGS FOR CUSTOMIZED REFRACTIVE SURGERY**  
[54] **REGLAGES AUTOMATIQUES DE MACHINE POUR UNE CHIRURGIE REFRACTIVE PERSONNALISEE**  
[72] WELLHOEFER, ARMIN, DE  
[71] WAVELIGHT GMBH, DE  
[85] 2014-10-24  
[86] 2013-06-14 (PCT/EP2013/062399)  
[87] (WO2014/198336)

[21] **2,875,927**  
[13] A1

[51] **Int.Cl. E02D 27/42 (2006.01)**  
[25] EN  
[54] **RIBBED FOUNDATION FOR SUPERSTRUCTURES AND METHOD FOR PRODUCING THE FOUNDATION**  
[54] **FONDATION NERVUREE DE SUPER-STRUCTURES ET PROCEDE DE REALISATION DE LA FONDATION**  
[72] ABAD HUBER, CESAR, ES  
[72] FRANCO REY, JORGE, ES  
[71] GESTAMP HYBRID TOWERS, S.L., ES  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/ES2013/070367)  
[87] (WO2013/182728)  
[30] ES (P201230877) 2012-06-06  
[30] ES (P201330083) 2013-01-25

[21] **2,875,928**  
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F01D 25/00 (2006.01) F01D 25/24 (2006.01) F02K 3/06 (2006.01) F04D 29/02 (2006.01) F04D 29/52 (2006.01)**  
[25] EN  
[54] **FAN CASE FOR AIRCRAFT ENGINE**  
[54] **CARTER DE VENTILATEUR DESTINE A UN MOTEUR D'AVION**  
[72] OHTANI, KAZUYA, JP  
[72] MIYAMOTO, HIROAKI, JP  
[72] KAWASAKI, TAKUMI, JP  
[72] MATSUBARA, GO, JP  
[72] HASEGAWA, TAKESHI, JP  
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
[85] 2014-12-05  
[86] 2013-06-13 (PCT/JP2013/066295)  
[87] (WO2013/191070)  
[30] JP (2012-139484) 2012-06-21

[21] **2,875,929**  
[13] A1

[51] **Int.Cl. B64C 13/04 (2006.01) G05G 9/047 (2006.01)**  
[25] FR  
[54] **JOYSTICK FOR CONTROLLING AN AIRCRAFT**  
[54] **MINIMANCHE DE PILOTAGE D'UN AERONEF**  
[72] BUOY, FLORENCE, FR  
[72] MERLET, ETIENNE, FR  
[72] GORECKI, HERVE, FR  
[72] GOMOLKO, OLEG, FR  
[72] FONTAINE, SEBASTIEN, FR  
[72] VANDENBAVIERE, YANN, FR  
[72] GOUARD, CHRISTIAN, FR  
[72] POINTEL, GUILLAUME, FR  
[71] SAGEM DEFENSE SECURITE, FR  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/EP2013/061792)  
[87] (WO2013/182679)  
[30] FR (1255322) 2012-06-07

[21] **2,875,930**  
[13] A1

[51] **Int.Cl. G03G 21/18 (2006.01) G03G 15/08 (2006.01)**  
[25] EN  
[54] **CARTRIDGE, PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**  
[54] **CARTOUCHE, CARTOUCHE DE TRAITEMENT, ET DISPOSITIF DE PRODUCTION D'IMAGES ELECTROPHOTOGRAPHIQUES**  
[72] SATO, MASAOKI, JP  
[72] YAMASHITA, MASATOSHI, JP  
[72] NISHIYA, SATOSHI, JP  
[72] KANNO, KAZUHIKO, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[85] 2014-12-05  
[86] 2013-06-14 (PCT/JP2013/067016)  
[87] (WO2013/187534)  
[30] JP (2012-135835) 2012-06-15

[21] **2,875,931**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) H04W 8/00 (2009.01) H04W 48/20 (2009.01) G06T 15/00 (2011.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING MIXED-REALITY CONNECTIVITY ASSISTANCE**  
[54] **PROCEDE ET APPAREIL POUR FOURNIR UNE ASSISTANCE DE CONNECTIVITE A REALITE MIXTE**  
[72] UUSITALO, MIKKO ALEKSI, FI  
[72] BOLDYREV, SERGEY, FI  
[72] KAAJA, JARI-JUKKA HARALD, FI  
[72] OLIVER, IAN JUSTIN, FI  
[72] MURPHY, DAVID JOSEPH, FI  
[71] NOKIA CORPORATION, FI  
[85] 2014-12-05  
[86] 2013-05-22 (PCT/FI2013/050554)  
[87] (WO2013/186429)  
[30] US (13/524,431) 2012-06-15

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[21] **2,875,932**  
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 50/14 (2012.01)**  
[25] EN  
[54] **RESOURCE CREW MANAGEMENT**  
[54] **GESTION DE RESSOURCES ET D'EQUIPAGES**  
[72] SHAW, ROBERT JAMES, NZ  
[72] GRAFTON, DARRIN JOHN, NZ  
[71] SERKO LIMITED, NZ  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/NZ2013/000100)  
[87] (WO2013/187778)  
[30] NZ (600619) 2012-06-14

[21] **2,875,933**  
[13] A1

[51] **Int.Cl. B64C 13/04 (2006.01) G05G 9/047 (2006.01)**  
[25] FR  
[54] **JOYSTICK FOR CONTROLLING AN AIRCRAFT**  
[54] **MINIMANCHE DE PILOTAGE D'UN AERONEF**  
[72] BUOY, FLORENCE, FR  
[72] MERLET, ETIENNE, FR  
[72] GORECKI, HERVE, FR  
[71] SAGEM DEFENSE SECURITE, FR  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/EP2013/061794)  
[87] (WO2013/182680)  
[30] FR (1255325) 2012-06-07

[21] **2,875,934**  
[13] A1

[51] **Int.Cl. A61B 5/09 (2006.01) A61B 5/087 (2006.01)**  
[25] EN  
[54] **DEVICE, METHOD AND SOFTWARE FOR MEASURING EXHALATION CAPACITY**  
[54] **DISPOSITIF, PROCEDE ET LOGICIEL POUR MESURER LA CAPACITE EXPIRATOIRE**  
[72] MANGELL, DAN-LUIS, SE  
[71] POND HEALTH CARE INNOVATION AB, SE  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/SE2013/050650)  
[87] (WO2013/184066)  
[30] SE (1250597-0) 2012-06-08

[21] **2,875,935**  
[13] A1

[51] **Int.Cl. B66B 1/18 (2006.01) B66B 1/24 (2006.01)**  
[25] EN  
[54] **TRANSFERS IN MULTIPLE-DECK ELEVATOR SYSTEMS**  
[54] **SYSTEMES D'ASCENSEUR A PLATEFORMES MULTIPLES**  
[72] FINSCHI, LUKAS, CH  
[71] INVENTIO AG, CH  
[85] 2014-12-05  
[86] 2013-06-11 (PCT/EP2013/062039)  
[87] (WO2014/001082)  
[30] EP (12173379.4) 2012-06-25

[21] **2,875,936**  
[13] A1

[51] **Int.Cl. C22B 3/02 (2006.01) B01D 11/04 (2006.01) C22B 3/20 (2006.01)**  
[25] EN  
[54] **SOLVENT EXTRACTION SETTLER ARRANGEMENT**  
[54] **AGENCEMENT DE DECANTEUR POUR EXTRACTION PAR SOLVANT**  
[72] VAARNO, JUSSI, FI  
[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050638)  
[87] (WO2014/001620)  
[30] FI (20125715) 2012-06-26

[21] **2,875,937**  
[13] A1

[51] **Int.Cl. A41D 13/05 (2006.01) A61B 5/021 (2006.01) A61B 5/022 (2006.01) A61F 5/055 (2006.01) A61F 13/12 (2006.01) G01L 5/06 (2006.01)**  
[25] EN  
[54] **METHODS AND DEVICES TO REDUCE DAMAGING EFFECTS OF CONCUSSIVE OR BLAST FORCES ON A SUBJECT**  
[54] **PROCEDES ET DISPOSITIFS POUR REDUIRE LES EFFETS PREJUDICIALES DE FORCES DE COMMOTION OU D'EXPLOSION SUR UN SUJET**  
[72] SMITH, DAVID, US  
[71] TBI INNOVATIONS, LLC, US  
[85] 2014-12-05  
[86] 2012-06-06 (PCT/US2012/040985)  
[87] (WO2013/055409)  
[30] US (PCT/US2011/055783) 2011-10-11

[21] **2,875,938**  
[13] A1

[51] **Int.Cl. C09K 8/528 (2006.01) C09K 8/68 (2006.01) C09K 8/74 (2006.01) C10G 33/04 (2006.01)**  
[25] EN  
[54] **PROCESS TO PRODUCE OIL OR GAS FROM A SUBTERRANEAN FORMATION USING A CHELATING AGENT**  
[54] **PROCEDE DE PRODUCTION D'HUILE OU DE GAZ A PARTIR D'UNE FORMATION SOUTERRAINE UTILISANT UN AGENT CHELATANT**  
[72] DE WOLF, CORNELIA ADRIANA, NL  
[72] NASR-EL-DIN, HISHAM, US  
[72] DE OLIVEIRA BARRA, ESTEVAO, NL  
[72] BANG, EDWIN RUDOLF ANTONY, NL  
[72] STANITZEK, THEODOR JOHANNES, DE  
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL  
[85] 2014-12-05  
[86] 2013-06-14 (PCT/EP2013/062317)  
[87] (WO2013/189842)  
[30] US (61/661,055) 2012-06-18  
[30] EP (12175064.0) 2012-07-05

[21] **2,875,939**  
[13] A1

[51] **Int.Cl. C22B 3/02 (2006.01) B01D 11/04 (2006.01) C22B 3/22 (2006.01)**  
[25] EN  
[54] **METHOD OF MANUFACTURING A SOLVENT EXTRACTION SETTLER AND SOLVENT EXTRACTION SETTLER**  
[54] **PROCEDE DE FABRICATION D'UN DECANTEUR D'EXTRACTION DE SOLVANT ET DECANTEUR D'EXTRACTION DE SOLVANT**  
[72] VAARNO, JUSSI, FI  
[72] SAARIO, RAMI, FI  
[72] FREDRIKSSON, HENRI, FI  
[72] PAJALA, JUSSI, FI  
[71] OUTOTEC (FINLAND) OY, FI  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FI2013/050645)  
[87] (WO2014/001625)  
[30] FI (20125713) 2012-06-26

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[21] **2,875,940**  
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/02 (2006.01) E21B 29/12 (2006.01)**

[25] EN

[54] **JUMPER TUBE LOCKING ASSEMBLY AND METHOD**

[54] **ENSEMBLE ET PROCEDE DE VERROUILLAGE DE TUBE DE RACCORDEMENT**

[72] LEAST, BRANDON T., US

[72] GANO, JOHN C., US

[72] LOPEZ, JEAN MARC, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-05

[86] 2012-06-11 (PCT/US2012/041967)

[87] (WO2013/187876)

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[21] **2,875,941**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/195 (2006.01)**

[25] EN

[54] **PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES**

[54] **PLANTES PRESENTANT UNE TOLERANCE ACCRUE AUX HERBICIDES**

[72] APONTE, RAPHAEL, DE

[72] TRESCH, STEFAN, DE

[72] WITSCHER, MATTHIAS, DE

[72] LERCHL, JENS, DE

[72] PAULIK, JILL MARIE, US

[72] BROMMER, CHAD, US

[72] SEISER, TOBIAS, DE

[72] MASSA, DARIO, DE

[71] BASF SE, DE

[85] 2014-12-05

[86] 2013-06-19 (PCT/EP2013/062744)

[87] (WO2013/189984)

[30] US (61/661,364) 2012-06-19

[30] EP (12172557.6) 2012-06-19

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[21] **2,875,942**  
[13] A1

[51] **Int.Cl. C07D 239/34 (2006.01) C07C 51/43 (2006.01)**

[25] EN

[54] **PREPARATION PROCESS OF CARBOXYLIC ACID DERIVATIVES AND INTERMEDIATES THEREOF**

[54] **PROCEDE DE PREPARATION DE DERIVES D'ACIDE CARBOXYLIQUE ET INTERMEDIAIRES A CET EFFET**

[72] TESSON, NICOLAS, ES

[72] TRILLA CASTANO, MONTSERRAT, ES

[71] KERN PHARMA, S.L., ES

[85] 2014-12-05

[86] 2013-06-28 (PCT/EP2013/063649)

[87] (WO2014/001511)

[30] EP (12382259.5) 2012-06-29

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[21] **2,875,943**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/01 (2006.01)**

[25] EN

[54] **SWELLABLE PACKER HAVING REINFORCEMENT PLATE**

[54] **GARNITURE D'ETANCHEITE POUVANT GONFLER COMPORTANT UNE PLAQUE DE RENFORCEMENT**

[72] ANDERSEN, KRISTIAN, NO

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-05

[86] 2012-09-21 (PCT/US2012/056678)

[87] (WO2014/046676)

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[21] **2,875,944**  
[13] A1

[51] **Int.Cl. C07D 333/36 (2006.01) A61K 31/559 (2006.01) A61P 35/00 (2006.01) C07D 333/38 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01)**

[25] EN

[54] **NOVEL ANTI-CANCER COMPOUNDS**

[54] **NOUVEAUX COMPOSES ANTI-CANCEREUX**

[72] BALZARINI, JAN, BE

[72] DEHAEN, WIM, BE

[72] THOMAS, JOICE, BE

[72] LIEKENS, SANDRA, BE

[72] ROMAGNOLI, ROMEO, IT

[72] BARALDI, PIER GIOVANNI, IT

[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE

[85] 2014-12-05

[86] 2013-06-21 (PCT/EP2013/063082)

[87] (WO2013/190137)

[30] GB (1211086.2) 2012-06-22

[30] GB (1222113.1) 2012-12-10

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[21] **2,875,945**  
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01)**

[25] EN

[54] **CONTROLLED GENE EXPRESSION METHODS**

[54] **PROCEDES D'EXPRESSION CONTROLEE DE GENES**

[72] BLOBEL, GERD, US

[72] DENG, WULAN, US

[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US

[85] 2014-12-05

[86] 2013-03-13 (PCT/US2013/030650)

[87] (WO2013/184197)

[30] US (61/656,961) 2012-06-07

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[21] **2,875,946**  
[13] A1

[51] **Int.Cl. H04B 3/28 (2006.01) H04B 3/30 (2006.01) H04L 25/02 (2006.01)**  
[25] FR  
[54] **DEVICE FOR LINKING AN ELECTRICAL MEMBER TO A COMMUNICATION LINE**  
[54] **DISPOSITIF DE RACCORDEMENT D'UN ORGANE ELECTRIQUE A UNE LIGNE DE COMMUNICATION**  
[72] GUILLOT, FRANCOIS, FR  
[72] COURTEILLE, JEAN-MARIE, FR  
[72] GOULLIER, MAXIME, FR  
[72] NOLLET, MICHEL, FR  
[71] SAGEM DEFENSE SECURITE, FR  
[85] 2014-12-05  
[86] 2013-07-01 (PCT/EP2013/063829)  
[87] (WO2014/005994)  
[30] FR (1256501) 2012-07-06

[21] **2,875,947**  
[13] A1

[51] **Int.Cl. B65G 3/00 (2006.01)**  
[25] EN  
[54] **PROPPANT DISCHARGE SYSTEM AND A CONTAINER FOR USE IN SUCH A PROPPANT DISCHARGE SYSTEM**  
[54] **SYSTEME D'EVACUATION D'AGENT DE SOUTENEMENT ET RECIPIENT DESTINE A ETRE UTILISE DANS UN TEL SYSTEME D'EVACUATION D'AGENT DE SOUTENEMENT**  
[72] OREN, JOHN, US  
[72] OREN, JOSHUA, US  
[71] OREN TECHNOLOGIES, LLC, US  
[85] 2014-12-05  
[86] 2013-04-05 (PCT/US2013/035442)  
[87] (WO2014/018129)  
[30] US (13/555,635) 2012-07-23  
[30] US (13/628,702) 2012-09-27  
[30] US (13/660,870) 2012-10-25  
[30] US (13/660,855) 2012-10-25  
[30] US (13/660,866) 2012-10-25

[21] **2,875,948**  
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 37/04 (2006.01) A01N 37/40 (2006.01) A01N 59/04 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01) A01P 13/00 (2006.01)**  
[25] EN  
[54] **HIGHLY CONCENTRATED AQUEOUS FORMULATION COMPRISING AN ANIONIC PESTICIDE AND A BASE**  
[54] **FORMULATION AQUEUSE TRES CONCENTREE COMPRENANT UN PESTICIDE ANIONIQUE ET UNE BASE**  
[72] SCHNABEL, GERHARD, DE  
[72] MECFEL-MARCZEWSKI, JOANNA, DE  
[72] NOLTE, MARC, DE  
[72] SPANGLER, CHRISTIAN, DE  
[71] BASF SE, DE  
[85] 2014-12-05  
[86] 2013-07-02 (PCT/EP2013/063941)  
[87] (WO2014/006047)  
[30] US (61/667,451) 2012-07-03  
[30] EP (12174776.0) 2012-07-03

[21] **2,875,949**  
[13] A1

[51] **Int.Cl. G02F 1/137 (2006.01) B32B 17/10 (2006.01) G03B 21/56 (2006.01)**  
[25] EN  
[54] **REFLECTIVE PROJECTION SCREEN COMPRISING A VARIABLE LIGHT SCATTERING SYSTEM**  
[54] **ECRAN DE PROJECTION FONCTIONNANT EN REFLEXION COMPRENANT UN SYSTEME A DIFFUSION LUMINEUSE VARIABLE**  
[72] GUISET, PIERRICK, FR  
[72] GAYOUT, PATRICK, FR  
[71] CARDINAL IG COMPANY, US  
[85] 2014-12-05  
[86] 2013-06-04 (PCT/FR2013/051267)  
[87] (WO2013/182804)  
[30] FR (1255373) 2012-06-08

[21] **2,875,950**  
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR EVALUATING A TIME-LAPSE SEISMIC SIGNAL RECORDING USING SHIFTED NORMALIZED ROOT MEAN SQUARE METRIC**  
[54] **SYSTEME ET PROCEDE POUR EVALUER UN ENREGISTREMENT DE SIGNAL SISMIQUE DE PERIODE DE TEMPS A L'AIDE D'UNE METRIQUE DE MOYENNE QUADRATIQUE NORMALISEE DECALEE**  
[72] INDERWIESEN, PHILIP LEON, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2014-12-05  
[86] 2013-04-10 (PCT/US2013/036009)  
[87] (WO2014/003868)  
[30] US (13/535,642) 2012-06-28

[21] **2,875,951**  
[13] A1

[51] **Int.Cl. G01V 3/28 (2006.01)**  
[25] EN  
[54] **MULTI-AXIAL INDUCTION BOREHOLE IMAGER**  
[54] **SYSTEME IMAGEUR DE TROU DE FORAGE A INDUCTION MULTIAXIALE**  
[72] DONDERICI, BURKAY, US  
[72] CELEPCIKAY, FERHAT T., US  
[72] SAN MARTIN, LUIS E., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-04  
[86] 2012-06-29 (PCT/US2012/044945)  
[87] (WO2014/003786)

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[21] **2,875,952**  
[13] A1

[51] **Int.Cl. B66B 29/00 (2006.01)**  
[25] EN  
[54] **SAFETY BRAKE FOR AN ESCALATOR OR FOR A TRAVELATOR**  
[54] **FREIN DE SECURITE DESTINE A UN ESCALIER ROULANT OU A UN TROTTOIR ROULANT**  
[72] BERGER, MICHAEL, AT  
[72] MATHEISL, MICHAEL, AT  
[72] SCHULZ, ROBERT, AT  
[72] ILLEDITS, THOMAS, AT  
[72] EIDLER, WERNER, AT  
[71] INVENTIO AG, CH  
[85] 2014-12-05  
[86] 2013-07-03 (PCT/EP2013/064073)  
[87] (WO2014/009227)  
[30] EP (12176419.5) 2012-07-13

[21] **2,875,953**  
[13] A1

[51] **Int.Cl. B67C 3/02 (2006.01) B67C 3/22 (2006.01)**  
[25] FR  
[54] **MULTI-STATION PACKAGING MACHINE HAVING A CIRCULAR TRAY AND DEVICE FOR FILLING VIALS**  
[54] **MACHINE DE CONDITIONNEMENT MULTIPOSTE A PLATEAU CIRCULAIRE ET DISPOSITIF DE REMPLISSAGE DE FLACONS**  
[72] FAVIER, LAURENT, FR  
[72] GUYARD, CHRISTOPHE, FR  
[71] PKB, FR  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/FR2013/051315)  
[87] (WO2013/182826)  
[30] FR (1255380) 2012-06-08

[21] **2,875,954**  
[13] A1

[51] **Int.Cl. A47J 37/06 (2006.01)**  
[25] FR  
[54] **COOKING APPLIANCE AND METHOD FOR IMPLEMENTING SAME**  
[54] **APPAREIL DE CUISSON ET SON PROCEDE DE MISE EN OEUVRE**  
[72] VOLATIER, SEBASTIEN, FR  
[72] LECERF, JOEL, FR  
[71] SEB SA, FR  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/FR2013/051365)  
[87] (WO2013/186487)  
[30] FR (1255600) 2012-06-15

[21] **2,875,955**  
[13] A1

[51] **Int.Cl. C10G 47/34 (2006.01) C10G 49/20 (2006.01)**  
[25] EN  
[54] **UPGRADING HEAVY OIL AND BITUMEN WITH AN INITIATOR**  
[54] **VALORISATION D'HUILE LOURDE ET DE BITUME AVEC UN INITIATEUR**  
[72] MAZYAR, OLEG A., US  
[72] AGRAWAL, GAURAV, US  
[71] BAKERS HUGHES INCORPORATED, US  
[85] 2014-12-04  
[86] 2013-05-16 (PCT/US2013/041370)  
[87] (WO2013/191830)  
[30] US (13/526,786) 2012-06-19

[21] **2,875,956**  
[13] A1

[51] **Int.Cl. C07F 15/00 (2006.01) C07C 6/02 (2006.01)**  
[25] EN  
[54] **NOVEL RUTHENIUM COMPLEXES, THEIR USE IN THE METATHESIS REACTIONS, AND A PROCESS FOR CARRYING OUT THE METATHESIS REACTION**  
[54] **NOUVEAUX COMPLEXES DE RUTHENIUM, LEUR UTILISATION DANS DES REACTIONS DE METATHESE ET PROCEDE DE REALISATION DE LA REACTION DE METATHESE**  
[72] SKOWERSKI, KRZYSZTOF, PL  
[72] BIENIEK, MICHAL, PL  
[71] APEIRON SYNTHESIS S.A., PL  
[85] 2014-12-05  
[86] 2013-07-26 (PCT/EP2013/065839)  
[87] (WO2014/016422)  
[30] PL (P.400162) 2012-07-27

[21] **2,875,957**  
[13] A1

[51] **Int.Cl. C10M 159/12 (2006.01) C10M 133/16 (2006.01)**  
[25] EN  
[54] **VISCOSITY IMPROVER GRAFTED WITH UNSATURATED ACYLATING AGENT AND AN ARYLOXYALKYLENE MONOAMINE**  
[54] **AGENT AMELIORANT LA VISCOSITE GREFFE PAR UN AGENT D'ACYLATION INSATURE ET UNE ARYLOXYALKYLENE MONOAMINE**  
[72] MCDOUGALL, PATRICK J., US  
[72] PATEL, PRITESH A., US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[85] 2014-12-05  
[86] 2013-05-28 (PCT/US2013/042880)  
[87] (WO2014/014561)  
[30] US (13/552,545) 2012-07-18

[21] **2,875,958**  
[13] A1

[51] **Int.Cl. F03B 13/20 (2006.01)**  
[25] EN  
[54] **WAVE ENERGY CONVERTER**  
[54] **CONVERTISSEUR D'ENERGIE HOULOMOTRICE**  
[72] STANBYS, PETER KENNETH, GB  
[71] M4 WAVEPOWER LTD, GB  
[85] 2014-12-05  
[86] 2013-03-26 (PCT/GB2013/050787)  
[87] (WO2013/182837)  
[30] GB (1210133.3) 2012-06-08

[21] **2,875,959**  
[13] A1

[51] **Int.Cl. E21B 43/1185 (2006.01) E21B 43/116 (2006.01) F42C 11/00 (2006.01) H01H 35/38 (2006.01)**  
[25] EN  
[54] **PRESSURE-ACTIVATED SWITCH**  
[54] **COMMUTATEUR ACTIVE PAR PRESSION**  
[72] BONAVIDES, CLOVIS S., US  
[72] CRAWFORD, DONALD LEON, US  
[72] MOLINA, PAUL ANTHONY, US  
[72] MATA, GABRIEL VICENCIO, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-05  
[86] 2013-05-30 (PCT/US2013/043304)  
[87] (WO2013/188117)  
[30] US (13/494,075) 2012-06-12

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[21] **2,875,960**  
[13] A1

[51] **Int.Cl. E02D 5/06 (2006.01)**  
[25] EN  
[54] **SHEET PILE**  
[54] **PALPLANCHE**  
[72] DA SILVA AREDE, LUIS, LU  
[72] FAGOT, ANNE, LU  
[72] MAUER, THIERRY, LU  
[72] REICHERT, POL, LU  
[71] ARCELORMITTAL  
INVESTIGACION Y DESARROLLO  
S.L., ES  
[85] 2014-12-05  
[86] 2012-07-03 (PCT/IB2012/001308)  
[87] (WO2014/006434)

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[21] **2,875,961**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**  
[25] EN  
[54] **POINT AND/OR MONEY BASED GAMING**  
[54] **JEU FONDE SUR DES POINTS ET/OU DE L'ARGENT**  
[72] AMAITIS, LEE, US  
[72] WILLIAMS, PAUL, US  
[72] GLANTZ, NOLAN, US  
[71] CFPH, LLC, US  
[85] 2014-12-05  
[86] 2013-06-04 (PCT/US2013/044030)  
[87] (WO2013/184639)  
[30] US (61/656,232) 2012-06-06

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[21] **2,875,963**  
[13] A1

[51] **Int.Cl. B01D 3/08 (2006.01) B01D 46/54 (2006.01) B01D 69/10 (2006.01) G01N 15/00 (2006.01)**  
[25] FR  
[54] **FILTRATION ASSEMBLY COMPRISING A FILTER AND A FILTER SUPPORT AND ASSOCIATED METHOD FOR THE COLLECTION AND ANALYSIS OF NANOPARTICLES**  
[54] **ENSEMBLE DE FILTRATION COMPORTANT UN FILTRE ET UN SUPPORT DE FILTRE ET PROCEDE DE COLLECTE ET D'ANALYSE DE NANOPARTICULES ASSOCIE**  
[72] CLAVAGUERA, SIMON, FR  
[72] DECOLIN, ERIC, FR  
[72] GUIOT, ARNAUD, FR  
[72] HEBERT, GUILLAUME, FR  
[72] JACQUINOT, SEBASTIEN, FR  
[72] MOTELLIER, SYLVIE, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[71] NANOINSPECT, FR  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/IB2013/054807)  
[87] (WO2014/001936)  
[30] FR (1255785) 2012-06-20

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[13] A1

[51] **Int.Cl. C07D 311/82 (2006.01) C07C 65/19 (2006.01) C07D 239/32 (2006.01) C07D 239/56 (2006.01) C07D 311/58 (2006.01) C07D 311/86 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 491/107 (2006.01) C07D 493/10 (2006.01) C07D 495/04 (2006.01)**  
[25] EN  
[54] **SECA INHIBITORS AND METHODS OF MAKING AND USING THEREOF**  
[54] **INHIBITEURS DE SECA ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] WANG, BINGHE, US  
[72] TAI, PHANG-CHENG, US  
[72] JIN, JINSHAN, US  
[72] HSIEH, YINGHSIN, US  
[72] RITTER, YING-JU, US  
[72] CUI, JIANMEI, US  
[72] CHAUDHARY, ARPANA S., US  
[72] DAI, CHAOFENG, US  
[72] DAMERA, KRISHNA, US  
[72] CHEN, WEIXUAN, US  
[71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US  
[85] 2014-12-05  
[86] 2013-06-05 (PCT/US2013/044243)  
[87] (WO2013/184755)  
[30] US (61/656,793) 2012-06-07  
[30] US (61/824,857) 2013-05-17  
[30] US (61/826,345) 2013-05-22

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[13] A1

[51] **Int.Cl. A61M 39/26 (2006.01) A61F 5/44 (2006.01) A61M 25/00 (2006.01)**  
[25] EN  
[54] **NOVEL TUBING VALVE AND USES THEREOF**  
[54] **NOUVELLE SOUPAPE DE TUYAUTERIE ET UTILISATIONS DE CELLE-CI**  
[72] JACKSON, MARTIN CLIVE HENRY, IL  
[71] FLOWSense LTD., IL  
[85] 2014-12-05  
[86] 2013-06-12 (PCT/IL2013/050501)  
[87] (WO2013/186776)  
[30] US (61/658,462) 2012-06-12

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[21] **2,875,967**  
[13] A1

[51] **Int.Cl. A01K 29/00 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR DETERMINING AND DISPLAYING ANIMAL METRICS**  
[54] **PROCEDES ET SYSTEMES POUR DETERMINER ET AFFICHER DES METRIQUES D'ANIMAL**  
[72] SPICOLA, JOSEPH A., SR., US  
[72] SPICOLA, JOSEPH A., JR., US  
[72] LEE, KENNETH, US  
[72] KIM, YOUNG, US  
[71] CLICRWEIGHT, LLC, US  
[85] 2014-12-04  
[86] 2013-05-16 (PCT/US2013/041372)  
[87] (WO2013/184322)  
[30] US (61/655,303) 2012-06-04  
[30] US (61/656,057) 2012-06-06  
[30] US (61/751,528) 2013-01-11  
[30] US (13/832,186) 2013-03-15  
[30] US (13/832,109) 2013-03-15

[21] **2,875,968**  
[13] A1

[51] **Int.Cl. G06Q 50/06 (2012.01)**  
[25] EN  
[54] **GAS METER READING SYSTEM AND METER READING METHOD**  
[54] **SYSTEME DE LECTURE DE COMPTEUR DE GAZ ET PROCEDE DE LECTURE DE COMPTEUR**  
[72] WADA, SHINJI, JP  
[72] DEKAMO, SHINGO, JP  
[71] NIPPON GAS CO., LTD., JP  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/JP2013/003620)  
[87] (WO2013/183310)  
[30] JP (2012-130617) 2012-06-08

[21] **2,875,970**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **DIHYDRONAPHTHYRIDINES AND RELATED COMPOUNDS USEFUL AS KINASE INHIBITORS FOR THE TREATMENT OF PROLIFERATIVE DISEASES**  
[54] **DIHYDRONAPHTHYRIDINES ET COMPOSES APPARENTES UTILES COMME INHIBITEURS DE KINASES POUR LE TRAITEMENT DE MALADIES PROLIFERATIVES**  
[72] FLYNN, DANIEL L., US  
[72] KAUFMAN, MICHAEL D., US  
[71] DECIPHERA PHARMACEUTICALS, LLC, US  
[85] 2014-12-05  
[86] 2012-06-07 (PCT/US2012/041378)  
[87] (WO2013/184119)

[21] **2,875,971**  
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/02 (2009.01)**  
[25] EN  
[54] **LOCATION AWARE REMINDERS**  
[54] **RAPPELS SENSIBLES A L'EMPLACEMENT**  
[72] ALAVALA, KASTHURI, US  
[72] CAPLAN, SHIVANI S., US  
[72] GONUGUNTA, SMITHA VUPPULURI, US  
[72] KANAKALA, NARASIMHA S., US  
[72] ZHANG, YU, US  
[71] MICROSOFT CORPORATION, US  
[85] 2014-12-04  
[86] 2013-05-23 (PCT/US2013/042323)  
[87] (WO2013/184363)  
[30] US (13/492,079) 2012-06-08

[21] **2,875,972**  
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/197 (2006.01) A61K 31/24 (2006.01) G01N 21/64 (2006.01)**  
[25] EN  
[54] **5-ALA FOR DETECTION OF BRAIN TUMORS**  
[54] **UTILISATION DU 5-ALA POUR LA DETECTION DES TUMEURS CEREBRALES**  
[72] EZRIN, ALAN M., US  
[71] PIOMA INC., US  
[85] 2014-12-05  
[86] 2013-06-05 (PCT/US2013/044351)  
[87] (WO2013/184830)  
[30] US (61/656,945) 2012-06-07

[21] **2,875,973**  
[13] A1

[51] **Int.Cl. B65D 71/28 (2006.01) B65D 5/462 (2006.01)**  
[25] EN  
[54] **CARTON WITH HANDLE**  
[54] **CARTON A POIGNEE**  
[72] HOLLEY, JOHN MURDICK, JR., US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2014-12-05  
[86] 2013-03-15 (PCT/US2013/032060)  
[87] (WO2014/014516)  
[30] US (61/741,315) 2012-07-17  
[30] US (61/741,314) 2012-07-17  
[30] US (61/797,758) 2012-12-14

[21] **2,875,974**  
[13] A1

[51] **Int.Cl. E21B 47/10 (2012.01) E21B 21/08 (2006.01) E21B 21/10 (2006.01)**  
[25] EN  
[54] **FLOW CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION DE FLUX**  
[72] JUDGE, ROBERT ARNOLD, US  
[72] WOLFE, CHRISTOPHER EDWARD, US  
[72] LIU, FENG SU, US  
[72] LIU, LI, US  
[72] GHASRIPOOR, FARSHAD, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/US2013/044422)  
[87] (WO2013/184866)  
[30] CN (201210186922.7) 2012-06-07

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[21] **2,875,976**  
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ESTIMATING AND ATTENUATING NOISE IN SEISMIC DATA**  
[54] **SYSTEME ET PROCEDE D'ESTIMATION ET D'ATTENUATION DE BRUIT DANS DES DONNEES SISMIQUES**  
[72] KUSTOWSKI, BODGAN, US  
[72] HENNENFENT, GILLES, US  
[72] COLE, JEFFREY, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2014-12-05  
[86] 2013-04-11 (PCT/US2013/036200)  
[87] (WO2014/011280)  
[30] US (13/545,467) 2012-07-10

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[21] **2,875,977**  
[13] A1

[51] **Int.Cl. A43B 13/38 (2006.01)**  
[25] EN  
[54] **ENERGY WAVE SOCKLINER**  
[54] **PREMIERE DE PROPRIETE A ONDES D'ENERGIE**  
[72] VATTES, DAVID L., US  
[72] BACON, STEVEN, US  
[71] BROWN SHOE COMPANY, INC., US  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/US2013/044468)  
[87] (WO2013/184886)  
[30] US (13/491,570) 2012-06-07

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[21] **2,875,978**  
[13] A1

[51] **Int.Cl. A22C 17/00 (2006.01)**  
[25] EN  
[54] **CUTTING SYSTEM AND METHOD OF CUTTING MEAT PARTS USING THE SAME**  
[54] **SYSTEME DE DECOUPE ET PROCEDE DE DECOUPE DE PIECES DE VIANDE L'UTILISANT**  
[72] HART, COLIN R., US  
[72] BAUER, DOUG, US  
[71] MAREL MEAT PROCESSING INC., US  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/US2013/044441)  
[87] (WO2013/184874)  
[30] US (13/490,762) 2012-06-07

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[21] **2,875,980**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **BINDING AGENTS THAT MODULATE THE HIPPO PATHWAY AND USES THEREOF**  
[54] **AGENTS LIANTS MODULANT LA VOIE DE SIGNALISATION HIPPO ET LEURS UTILISATIONS**  
[72] GURNEY, AUSTIN L., US  
[72] CHARTIER-COURTAUD, CECILE, US  
[71] ONCOMED PHARMACEUTICALS, INC., US  
[85] 2014-12-05  
[86] 2013-06-06 (PCT/US2013/044503)  
[87] (WO2013/184912)  
[30] US (61/656,249) 2012-06-06  
[30] US (61/737,390) 2012-12-14  
[30] US (61/783,190) 2013-03-14

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[21] **2,875,981**  
[13] A1

[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/26 (2006.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHODS FOR IDENTIFYING AND REMEDYING TRAFFIC IMBALANCES AND INEQUITIES BETWEEN NETWORKS**  
[54] **SYSTEME ET PROCEDES POUR IDENTIFIER ET CORRIGER DES INEGALITES ET DES DESEQUILIBRES DE TRAFIC ENTRE DES RESEAUX**  
[72] SMITH, BARBARA, US  
[72] SEAR, ERIK, US  
[72] SIEGAL, DAVE, US  
[72] CALLAHAN, JONATHAN, US  
[72] KANE, JOHN, US  
[71] LEVEL 3 COMMUNICATIONS, LLC, US  
[85] 2014-12-05  
[86] 2013-06-07 (PCT/US2013/044816)  
[87] (WO2013/185096)  
[30] US (61/657,535) 2012-06-08  
[30] US (13/683,903) 2012-11-21

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[21] **2,875,982**  
[13] A1

[51] **Int.Cl. G01R 15/00 (2006.01) G01R 19/165 (2006.01) G01R 21/00 (2006.01) G01R 33/07 (2006.01)**  
[25] EN  
[54] **ELECTRICAL SENSOR WITH CONFIGURABLE SETTINGS**  
[54] **CAPTEUR ELECTRIQUE A REGLAGES CONFIGURABLES**  
[72] NGUYEN, HUY D., US  
[72] BORDERS, ROGER, US  
[71] NEILSEN-KULJIAN, INC., US  
[85] 2014-12-04  
[86] 2013-05-24 (PCT/US2013/042775)  
[87] (WO2013/184421)  
[30] US (13/492,752) 2012-06-08

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[21] **2,875,983**  
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01)**  
[25] EN  
[54] **TREATMENT OF HYPOGLYCEMIA**  
[54] **TRAITEMENT DE L'HYPOGLYCEMIE**  
[72] DEFREES, SHAWN, US  
[71] SENEB BIOSCIENCES, INC., US  
[85] 2014-08-08  
[86] 2013-02-08 (PCT/US2013/025442)  
[87] (WO2013/120022)  
[30] US (61/596,627) 2012-02-08

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[21] **2,875,984**  
[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01)**  
[25] EN  
[54] **SEISMIC IMAGING**  
[54] **IMAGERIE SISMIQUE**  
[72] WHALE, ROBERT HAROLD, CA  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2014-12-04  
[86] 2013-06-03 (PCT/US2013/043823)  
[87] (WO2013/184542)  
[30] US (61/655,058) 2012-06-04

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<p style="text-align: center;">[21] <b>2,875,985</b> [13] A1</p> <p>[51] <b>Int.Cl. A61M 27/00 (2006.01)</b> [25] EN [54] <b>URETERAL STENT FOR PLACEMENT IN A KIDNEY AND BLADDER</b></p> <p>[54] <b>ENDOPROTHESE URETERALE DESTINEE A ETRE POSITIONNEE DANS UN REIN ET UNE VESSIE</b></p> <p>[72] PONSKY, LEE E., US [72] SECREST, DEAN, US [71] UNIVERSITY HOSPITALS HEALTH SYSTEM, INC., US [85] 2014-12-05 [86] 2013-06-10 (PCT/US2013/044972) [87] (WO2013/185128) [30] US (61/657,228) 2012-06-08</p>	<p style="text-align: center;">[21] <b>2,875,987</b> [13] A1</p> <p>[51] <b>Int.Cl. H04L 12/58 (2006.01) G06Q 10/10 (2012.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01)</b></p> <p>[25] EN [54] <b>SYSTEMS, METHODS AND INTERFACES FOR USING A MESSAGING PROGRAM ACROSS A MULTIPLE APPLICATIONS AND COMMUNICATIONS ENVIRONMENT</b></p> <p>[54] <b>SYSTEMES, PROCEDES ET INTERFACES POUR UTILISER UN PROGRAMME DE MESSAGERIE A TRAVERS UN ENVIRONNEMENT A MULTIPLES APPLICATIONS ET COMMUNICATIONS</b></p> <p>[72] POST, SCOTT, US [72] JARVIS, JAMES, US [71] THOMSON REUTERS GLOBAL RESOURCES, CH [85] 2014-08-08 [86] 2014-01-16 (PCT/US2014/011826) [87] (WO2014/116493) [30] US (13/749,004) 2013-01-24</p>	<p style="text-align: center;">[21] <b>2,875,990</b> [13] A1</p> <p>[51] <b>Int.Cl. C07D 401/14 (2006.01) A61K 31/505 (2006.01) A61P 37/00 (2006.01) C07D 403/12 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)</b></p> <p>[25] EN [54] <b>HETEROCYCLYL PYRIMIDINE ANALOGUES AS TYK2 INHIBITORS</b></p> <p>[54] <b>ANALOGUES HETEROCYCLYLE DE PYRIMIDINE COMME INHIBITEURS DE TYK2</b></p> <p>[72] HARRISON, RICHARD JOHN, GB [72] RAMSDEN, NIGEL, GB [72] MAJOR, JEREMY, GB [72] MOREL, ADELINE, GB [72] CONVERY, LAURA, GB [72] SUNOSE, MIHIRO, GB [72] LYNCH, ROSEMARY, GB [72] ADREGO, RITA, GB [72] JONES, ALISON, GB [71] CELLZOME LIMITED, GB [85] 2014-11-21 [86] 2013-05-23 (PCT/EP2013/060563) [87] (WO2013/174895) [30] EP (12169254.5) 2012-05-24 [30] US (61/776,013) 2013-03-11</p>
<p style="text-align: center;">[21] <b>2,875,986</b> [13] A1</p> <p>[51] <b>Int.Cl. A61K 47/38 (2006.01) A61K 9/48 (2006.01) A61K 47/30 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)</b></p> <p>[25] EN [54] <b>CRYSTALLINE FORMS OF A BRUTON'S TYROSINE KINASE INHIBITOR</b></p> <p>[54] <b>FORMES CRISTALLINES D'UN INHIBITEUR DE TYROSINE KINASE DE BRUTON</b></p> <p>[72] PURRO, NORBERT, US [72] SMYTH, MARK, US [72] GOLDMAN, ERICK, US [72] WIRTH, DAVID D., US [71] PHARMACYCLICS, INC., US [85] 2014-12-04 [86] 2013-06-03 (PCT/US2013/043888) [87] (WO2013/184572) [30] US (61/655,381) 2012-06-04</p>	<p style="text-align: center;">[21] <b>2,875,989</b> [13] A1</p> <p>[51] <b>Int.Cl. C07K 16/00 (2006.01) C07K 16/32 (2006.01)</b></p> <p>[25] EN [54] <b>ANTIBODIES COMPRISING SITE-SPECIFIC NON-NATURAL AMINO ACID RESIDUES, METHODS OF THEIR PREPARATION AND METHODS OF THEIR USE</b></p> <p>[54] <b>ANTICORPS COMPRENANT DES RESIDUS D'ACIDES AMINES NON ENDOGENES SPECIFIQUES D'UN SITE, LEURS PROCEDES DE PREPARATION ET LEURS PROCEDES D'UTILISATION</b></p> <p>[72] THANOS, CHRISTOPHER D., US [72] MCEVOY, LESLIE, US [72] YIN, GANG, US [72] PENTA, KALYANI, US [72] BALIGA, RAMESH, US [72] BAJAD, SUNIL, US [72] POLLITT, SONIA, US [72] MURRAY, CHRIS, US [72] STEINER, ALEX, US [72] GILL, AVINASH, US [71] SUTRO BIOPHARMA, INC., US [85] 2014-12-05 [86] 2013-06-07 (PCT/US2013/044843) [87] (WO2013/185115) [30] US (61/657,556) 2012-06-08 [30] US (61/725,433) 2012-11-12</p>	<p style="text-align: center;">[21] <b>2,875,991</b> [13] A1</p> <p>[51] <b>Int.Cl. C12P 7/06 (2006.01)</b></p> <p>[25] EN [54] <b>USE OF VIRGINIAMYCIN FOR BACTERIAL CONTAMINATION CONTROL IN FERMENTATIONS USING ZYMOMONAS MOBILIS</b></p> <p>[54] <b>UTILISATION DE VIRGINIAMICYNE POUR LIMITER LA CONTAMINATION BACTERIENNE DANS DES FERMENTATIONS UTILISANT ZYMOMONAS MOBILIS</b></p> <p>[72] LEANA, MARIA C., US [72] LEFEBVRE, BRIAN G., US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 2014-12-05 [86] 2013-06-10 (PCT/US2013/044909) [87] (WO2013/188262) [30] US (13/524,255) 2012-06-15</p>

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[21] **2,875,992**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **USER INTERACTION MONITORING FOR ADAPTIVE REAL TIME COMMUNICATION**  
[54] **SURVEILLANCE D'INTERACTION D'UTILISATEUR POUR UNE COMMUNICATION EN TEMPS REEL ADAPTATIVE**  
[72] ZHAO, DAVID, US  
[72] RODBRO, CHRISTOFFER ASGAARD, US  
[71] MICROSOFT CORPORATION, US  
[85] 2014-12-04  
[86] 2013-06-03 (PCT/US2013/043959)  
[87] (WO2013/184604)  
[30] GB (1210090.5) 2012-06-08  
[30] US (13/678,508) 2012-11-15

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[21] **2,875,993**  
[13] A1

[51] **Int.Cl. G06F 19/22 (2011.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **DETERMINING THE CLINICAL SIGNIFICANCE OF VARIANT SEQUENCES**  
[54] **DETERMINATION DE LA SIGNIFICATION CLINIQUE DE VARIANTES DE SEQUENCES**  
[72] KENNEDY, CALEB J., US  
[72] UMBARGER, MARK, US  
[72] PORRECA, GREGORY, US  
[71] GOOD START GENETICS, INC., US  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/US2013/044039)  
[87] (WO2013/184643)  
[30] US (13/488,142) 2012-06-04

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[21] **2,875,994**  
[13] A1

[51] **Int.Cl. A47L 13/22 (2006.01)**  
[25] EN  
[54] **FLOOR CLEANING APPLIANCE HAVING DISPOSABLE FLOOR SHEETS AND METHOD OF CLEANING A FLOOR THEREWITH**  
[54] **APPAREIL DE NETTOYAGE DE SOL POSSEDANT DES FEUILLES POUR SOL JETABLES ET PROCEDE DE NETTOYAGE D'UN SOL A L'AIDE DE CELUI-CI**  
[72] POLICICCHIO, NICOLA JOHN, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2014-12-04  
[86] 2013-06-04 (PCT/US2013/044059)  
[87] (WO2013/188170)  
[30] US (13/487,696) 2012-06-04

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[21] **2,875,995**  
[13] A1

[51] **Int.Cl. B60G 17/015 (2006.01) B60G 17/016 (2006.01) B60G 17/044 (2006.01) F16F 15/027 (2006.01)**  
[25] EN  
[54] **AN ELECTRONICALLY ADJUSTABLE DAMPER AND SYSTEM**  
[54] **AMORTISSEUR A REGLAGE ELECTRONIQUE ET SYSTEME**  
[72] RYAN, JEFFREY S., US  
[72] HOLDEN, DAVID J., US  
[72] PETERSON, JEFFREY L., US  
[72] WYLER, JAMES M., US  
[72] HOLBERT, TODD J., US  
[72] WIZOREK, ANDREW M., US  
[71] MSI DEFENSE SOLUTIONS, LLC, US  
[85] 2014-12-05  
[86] 2013-06-10 (PCT/US2013/044984)  
[87] (WO2013/185132)  
[30] US (61/657,234) 2012-06-08  
[30] US (61/682,359) 2012-08-13

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[21] **2,875,996**  
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61F 2/95 (2013.01) A61M 25/00 (2006.01)**  
[25] EN  
[54] **STENT PUSHER ASSEMBLY**  
[54] **ENSEMBLE POUSSEUR D'ENDOPROTHESE**  
[72] PONSKY, LEE E., US  
[72] SECRET, DEAN, US  
[71] UNIVERSITY HOSPITALS HEALTH SYSTEM, INC., US  
[85] 2014-12-05  
[86] 2013-06-10 (PCT/US2013/044987)  
[87] (WO2013/185133)  
[30] US (61/657,238) 2012-06-08

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[21] **2,875,997**  
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR INACTIVATION OF VIRUSES AND BACTERIA IN CELL CULTURE MEDIA**  
[54] **PROCEDES D'INACTIVATION DE VIRUS ET DE BACTERIES DANS DES MILIEUX DE CULTURE CELLULAIRE**  
[72] SHIRATORI, MASARU KEN, US  
[72] KISS, ROBERT DAVID, US  
[72] PRASHAD, HARDAYAL, US  
[72] IVERSON, RAQUEL, US  
[72] BOURRET, JUSTIN, US  
[72] KIM, MICHAEL, US  
[72] CHARANIYA, SALIM, US  
[71] GENENTECH, INC., US  
[85] 2014-12-05  
[86] 2013-06-20 (PCT/US2013/046756)  
[87] (WO2013/192395)  
[30] US (61/662,349) 2012-06-20  
[30] US (13/844,051) 2013-03-15

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[21] **2,875,998**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/02 (2009.01) H04W 4/12 (2009.01) H04W 8/20 (2009.01)**

[25] EN

[54] **OPTIMIZING MARKET RESEARCH BASED ON MOBILE RESPONDENT LOCATION**

[54] **OPTIMISATION DES ETUDES DE MARCHE EN FONCTION D'UN EMPLACEMENT DE REPENDANT MOBILE**

[72] KUPPUSAMY, PALANIVEL, US  
[71] IPINION, INC., US  
[85] 2014-12-05  
[86] 2013-06-10 (PCT/US2013/045032)  
[87] (WO2013/185143)  
[30] US (13/492,158) 2012-06-08

[21] **2,875,999**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/02 (2009.01) H04W 4/12 (2009.01) H04W 8/20 (2009.01)**

[25] EN

[54] **OPTIMIZING MARKET RESEARCH BASED ON MOBILE RESPONDENT BEHAVIOR**

[54] **OPTIMISATION D'ETUDE DE MARCHE BASEE SUR LE COMPORTEMENT DE REPENDANTS MOBILES**

[72] KUPPUSAMY, PALANIVEL, US  
[71] IPINION, INC., US  
[85] 2014-12-05  
[86] 2013-06-10 (PCT/US2013/045038)  
[87] (WO2013/185144)  
[30] US (13/492,170) 2012-06-08

[21] **2,876,000**  
[13] A1

[51] **Int.Cl. A43C 11/16 (2006.01) A43B 11/00 (2006.01) A43B 23/02 (2006.01) A43C 7/00 (2006.01)**

[25] EN

[54] **SHOELACE WINDING DEVICE**

[54] **DISPOSITIF D'ENROULEMENT DE LACETS**

[72] MIDORIKAWA, SHINOBU, JP  
[71] JAPANA CO., LTD., JP  
[85] 2014-11-27  
[86] 2013-10-17 (PCT/JP2013/078116)  
[87] (WO2014/203415)  
[30] JP (2013-127574) 2013-06-18

[21] **2,876,001**  
[13] A1

[51] **Int.Cl. C07D 487/14 (2006.01)**

[25] EN

[54] **SALT CRYSTALS**

[54] **CRISTAUX DE SEL**

[72] LI, PENG, US  
[72] WENNOGLE, LAWRENCE P., US  
[72] DAVIS, ROBERT, US  
[72] BUCKTON, GRAHAM, GB  
[72] HOOPER, MARK, GB  
[71] INTRA-CELLULAR THERAPIES, INC., US

[85] 2014-12-05  
[86] 2013-06-21 (PCT/US2013/047123)  
[87] (WO2013/192556)  
[30] US (61/662,355) 2012-06-21

[21] **2,876,002**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **PROCESSING OFFERS INTENTS FOR OFFER-DISCOVERY SYSTEMS**

[54] **TRAITEMENT D'INTENTIONS D'OFFRES POUR SYSTEMES DE DECOUVERTE D'OFFRES**

[72] FAITH, JOHN NEWMAN, US  
[72] HOWITT, MATTHEW ALAN, US  
[72] ZILKHA, EITHAN, US  
[71] RETAILMENOT, INC., US

[85] 2014-12-05  
[86] 2013-06-11 (PCT/US2013/045135)  
[87] (WO2013/188372)  
[30] US (61/658,404) 2012-06-11  
[30] US (61/658,387) 2012-06-11  
[30] US (61/658,408) 2012-06-12

[21] **2,876,003**  
[13] A1

[51] **Int.Cl. A43C 11/16 (2006.01) A43B 11/00 (2006.01) A43B 23/02 (2006.01) A43C 7/00 (2006.01)**

[25] EN

[54] **SHOELACE WINDING REEL**

[54] **BOBINE D'ENROULEMENT DE LACET DE CHAUSSURE**

[72] MIDORIKAWA, SHINOBU, JP  
[71] JAPANA CO., LTD., JP  
[85] 2014-11-27  
[86] 2013-10-17 (PCT/JP2013/078117)  
[87] (WO2014/203416)  
[30] JP (2013-127612) 2013-06-18

[21] **2,876,004**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **DEVICES, METHODS, AND COMPUTER-READABLE MEDIA FOR REDEMPTION OF MERCHANT OFFERS**

[54] **DISPOSITIFS, PROCEDES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR LE REMBOURSEMENT D'OFFRES DE MARCHANDS**

[72] FAITH, JOHN NEWMAN, US  
[72] BATH, JAGJIT SINGH, US  
[72] ZILKHA, EITHAN, US  
[72] SAVAGE, CAMERON KENT, US  
[72] REESE, DAVID JOHN, US  
[72] TRIM, JAMES DAMON, US  
[71] RETAILMENOT, INC., US

[85] 2014-12-05  
[86] 2013-06-11 (PCT/US2013/045139)  
[87] (WO2013/188373)  
[30] US (61/658,387) 2012-06-11  
[30] US (61/658,404) 2012-06-11  
[30] US (61/658,408) 2012-06-12  
[30] US (61/665,740) 2012-06-28  
[30] US (61/707,527) 2012-09-28  
[30] US (13/840,237) 2013-03-15

[21] **2,876,005**  
[13] A1

[51] **Int.Cl. E21B 33/138 (2006.01)**

[25] EN

[54] **METHODS RELATING TO DESIGNING WELLBORE STRENGTHENING FLUIDS**

[54] **PROCEDES ASSOCIES A LA CONCEPTION DE FLUIDES DE RENFORT DE Puits DE FORAGE**

[72] SAVARI, SHARATH, US  
[72] KUMAR, ARUNESH, GB  
[72] SCORSONE, JASON T., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-05  
[86] 2013-06-26 (PCT/US2013/047827)  
[87] (WO2014/011391)  
[30] US (13/546,060) 2012-07-11

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[21] **2,876,006**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **DEVICES, METHODS, AND COMPUTER-READABLE MEDIA FOR REDEMPTION HEADER FOR MERCHANT OFFERS**

[54] **DISPOSITIFS, PROCEDES, ET SUPPORTS POUVANT ETRE LUS PAR UN ORDINATEUR POUR UN EN-TETE DE REMBOURSEMENT POUR DES OFFRES DE MARCHANDS**

[72] SHIFFERT, NICHOLAS JAMES, US  
[72] CRAVEY, MICHAEL PAUL, US  
[72] BATH, JAGJIT SINGH, US  
[71] RETAILMENOT, INC., US  
[85] 2014-12-05  
[86] 2013-06-11 (PCT/US2013/045143)  
[87] (WO2013/188376)  
[30] US (61/658,387) 2012-06-11  
[30] US (61/658,408) 2012-06-12  
[30] US (61/665,740) 2012-06-28  
[30] US (13/839,066) 2013-03-15  
[30] US (61/707,527) 2012-09-28

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[21] **2,876,007**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR A CUSTOMIZABLE REDEMPTION HEADER FOR MERCHANT OFFERS ACROSS BROWSER INSTANCES**

[54] **SYSTEMES, PROCEDES, ET SUPPORTS POUVANT ETRE LUS PAR UN ORDINATEUR POUR UN EN-TETE DE REMBOURSEMENT PERSONNALISABLE**

[72] SHIFFERT, NICHOLAS JAMES, US  
[72] CRAVEY, MICHAEL PAUL, US  
[72] BATH, JAGJIT SINGH, US  
[72] MILITELLO, GREGORY PETER, US  
[71] RETAILMENOT, INC., US  
[85] 2014-12-05  
[86] 2013-06-11 (PCT/US2013/045145)  
[87] (WO2013/188378)  
[30] US (61/658,408) 2012-06-12  
[30] US (61/665,740) 2012-06-28  
[30] US (61/707,527) 2012-09-28  
[30] US (13/839,066) 2013-03-15

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[21] **2,876,008**  
[13] A1

[51] **Int.Cl. A61F 5/14 (2006.01) A61F 5/10 (2006.01)**  
[25] EN  
[54] **INTERDIGITAL PAD**

[54] **TAMPON DE SEPARATION D'ORTEILS**

[72] NAKAMURA, JUN, JP  
[71] E-SMILE CO., LTD., JP  
[85] 2014-11-27  
[86] 2014-04-09 (PCT/JP2014/060280)  
[87] (WO2014/199710)  
[30] JP (2013-123202) 2013-06-11

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[21] **2,876,009**  
[13] A1

[51] **Int.Cl. H01Q 1/44 (2006.01) H04M 1/03 (2006.01) H04M 1/23 (2006.01) H04B 1/38 (2015.01)**  
[25] EN  
[54] **ELECTRONIC COMMUNICATION DEVICES WITH INTEGRATED MICROPHONES**

[54] **DISPOSITIFS DE COMMUNICATIONS ELECTRONIQUES AVEC MICROPHONES INTEGRES**

[72] MACKEY, CHRISTOPHER D., US  
[72] BARTHOLOMEW, SCOTT E., US  
[72] KEANE, ANTHONY R.A., US  
[72] TENNANT, BRYCE, US  
[71] HARRIS CORPORATION, US  
[85] 2014-12-05  
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[72] WYNN, BRUCE ALAN, US  
[71] EXPEDIA, INC., US  
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[54] **DETERMINING OFFERS FOR A GEOFENCED GEOGRAPHIC AREA**

[54] **DETERMINATION D'OFFRES POUR UNE ZONE GEOGRAPHIQUE GEO-CLOTUREE**

[72] FAITH, JOHN NEWMAN, US  
[72] ZILKHA, EITHAN, US  
[72] DUTY, CHRISTOPHER MATTHEW, US  
[71] RETAILMENOT, INC., US  
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[54] **PREPARATION PHARMACEUTIQUE**

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[72] CLIPSTONE, JAMES GREGORY, GB  
[71] UCB PHARMA S.A., BE  
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[54] **ANALYSE EN GRAPPES DE DONNEES INCONNUES DANS UN ENSEMBLE DE DONNEES SEM-EDS**  
[72] BUHOT, MICHAEL, AU  
[72] PHAN, VAN HUNG, AU  
[72] OWEN, MICHAEL JAMES, AU  
[71] FEI COMPANY, US  
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[54] **ANTIMICROBIAL COMPOUNDS**  
[54] **COMPOSES ANTIMICROBIENS**  
[72] COBURN, CHARLES E., US  
[72] PEERA, ASGHAR A., US  
[72] MCGINLEY, HEATHER R., US  
[72] KOEHLER, THOMAS, CH  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[71] ROHM AND HAAS COMPANY, US  
[85] 2014-12-05  
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[54] **HETEROCYCLIC ANTIMICROBIAL COMPOUNDS FOR USE IN WATER-CONTAINING SYSTEMS**  
[54] **COMPOSES HETEROCYCLIQUES ANTIMICROBIENS DESTINES A ETRE UTILISES DANS DES SYSTEMES CONTENANT DE L'EAU**  
[72] COBURN, CHARLES E., US  
[72] PEERA, ASGHAR A., US  
[72] MCGINLEY, HEATHER R., US  
[72] KOEHLER, THOMAS, CH  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[71] ROHM AND HAAS COMPANY, US  
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[13] A1

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[54] **SUPPORT APPARATUS FOR MOVING PROPPANT FROM A CONTAINER IN A PROPPANT DISCHARGE SYSTEM**  
[54] **APPAREIL DE SUPPORT POUR DEPLACER UN AGENT DE SOUTÈNEMENT A PARTIR D'UN RECIPIENT DANS UN SYSTEME DE DECHARGE D'AGENT DE SOUTÈNEMENT**  
[72] OREN, JOHN, US  
[72] OREN, JOSHUA, US  
[71] OREN TECHNOLOGIES, LLC, US  
[85] 2014-12-05  
[86] 2013-07-02 (PCT/US2013/049028)  
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[13] A1

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[25] EN  
[54] **APPARATUS AND METHODS FOR TRANSMUTATION OF ELEMENTS**  
[54] **APPAREIL ET PROCEDES SERVANT A LA TRANSMUTATION D'ELEMENTS**  
[72] DENT, WILLIAM VADEN, JR., US  
[71] DENT INTERNATIONAL RESEARCH, INC., US  
[85] 2014-12-05  
[86] 2013-06-14 (PCT/US2013/045935)  
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[30] US (61/660,463) 2012-06-15  
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[25] EN  
[54] **REUSABLE LASER SIGHTING DEVICE ADAPTER FOR ROCKET LAUNCHER**  
[54] **ADAPTATEUR DE DISPOSITIF DE VISEE LASER REUTILISABLE POUR LANCE-ROQUETTES**  
[72] HARTLEY, SCOTT, US  
[72] MCDONALD, JAMES, US  
[72] SUZUKI, DALE, US  
[72] SWARTZ, DEE, US  
[72] HOBLITT, JEFF, US  
[71] CRIMSON TRACE CORPORATION, US  
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[54] **POLYPEPTIDES AND ANTIBODIES FOR TREATING HBV INFECTION AND RELATED DISEASES**

[54] **POLYPEPTIDES ET ANTICORPS POUR LE TRAITEMENT D'UNE INFECTION PAR LE VBH ET MALADIES ASSOCIEES**

[72] YUAN, QUAN, CN  
[72] ZHANG, TIANYING, CN  
[72] LUO, WENXIN, CN  
[72] CHEN, YIXIN, CN  
[72] ZHANG, JUN, CN  
[72] XIA, NINGSHAO, CN  
[71] XIAMEN INNOVAX BIOTECH CO., LTD., CN  
[71] XIAMEN UNIVERSITY, CN  
[85] 2014-12-05  
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[54] **STABILIZED MULTI-FUNCTIONAL ANTIOXIDANT COMPOUNDS AND METHODS OF USE**

[54] **COMPOSES ANTIOXYDANTS MULTIFONCTIONNELS STABILISES ET PROCEDES D'UTILISATION**

[72] BAILIE, MARC, US  
[72] DUDDY, STEVEN K., US  
[72] HERMAN, JIM, US  
[71] XPD HOLDINGS LLC, US  
[85] 2014-12-05  
[86] 2013-07-09 (PCT/US2013/049709)  
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[54] **COUVERCLE DE GOBELET DE VOYAGE JETABLE ANTI-RENVERSEMENT**

[72] CRUDGINGTON, CLEVELAND, BENEDICT, US  
[71] CRUDGINGTON, CLEVELAND, BENEDICT, US  
[85] 2014-12-05  
[86] 2013-07-15 (PCT/US2013/050562)  
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[54] **REGENERABLE SORBENT FOR CARBON DIOXIDE REMOVAL**

[54] **SORBANT REGENERABLE POUR L'ELIMINATION DE DIOXYDE DE CARBONE**

[72] SHEN, JIAN-PING, US  
[72] COLEMAN, LUKE JAMES IVOR, US  
[72] LAIL, MARTY ALAN, US  
[72] GUPTA, RAGHUBIR PRASAD, US  
[72] TURK, BRIAN SCOTT, US  
[71] RESEARCH TRIANGLE INSTITUTE, US  
[85] 2014-12-05  
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[54] **NEPRILYSIN INHIBITORS**

[54] **INHIBITEURS DE LA NEPRILYSINE**

[72] HUGHES, ADAM, US  
[72] FLEURY, MELISSA, US  
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US  
[85] 2014-12-05  
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[54] **DUAL CONTAINER-TYPE BALANCED LAVAGE APPARATUS OF THROMBUS REMOVER**

[54] **APPAREIL DE LAVAGE EQUILIBRE DE TYPE A DEUX RECIPIENTS D'UN EXTRACTEUR DE THROMBUS**

[72] LI, GUANGCHENG, CN  
[72] ZHANG, WENDI, CN  
[72] LIU, YUHAN, CN  
[72] SUI, SONGTAO, CN  
[72] LIU, PING, CN  
[72] LIN, JIE, CN  
[72] XUE, XINXIA, CN  
[72] LIU, JINXIA, CN  
[72] GUO, DAORUI, CN  
[72] JIANG, YONGJIE, CN  
[72] ZHANG, WENYONG, CN  
[72] LIU, JIAN, CN  
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[25] EN  
[54] **ELASTIC TONGUE-DORSUM RETRACTION DEVICE, CLAMPING PLIERS, INSTALLATION PLIERS, LINE GUIDE AND IMPLANTATION METHOD**  
[54] **APPAREIL DE TRACTION ELASTIQUE DE L'ARRIERE DE LA LANGUE, PINCE DE SERRAGE, PINCE DE MONTAGE, APPAREIL DE GUIDAGE DE FIL ET PROCEDE D'IMPLANTATION**

[72] ZHANG, XIANGMIN, CN  
[72] ZHOU, XING, CN  
[71] ZHANG, XIANGMIN, CN  
[71] ZHOU, XING, CN  
[85] 2014-12-08  
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[54] **PARK BRAKE CONTROL ASSEMBLY**  
[54] **ENSEMBLE DE COMMANDE DE FREIN DE STATIONNEMENT**

[72] COLE, ANDREW, AU  
[71] FAIVELEY TRANSPORT AUSTRALIA LTD, AU  
[85] 2014-12-08  
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[51] **Int.Cl. G10K 11/178 (2006.01)**  
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[54] **SYSTEM AND METHOD FOR ATTENUATING NOISE FROM A FLUID MACHINE OR A TURBULENT NOISE SOURCE**  
[54] **SYSTEME ET PROCEDE POUR ATTENUER LE BRUIT PRODUIT PAR UNE MACHINE A FLUIDE OU D'UNE SOURCE DE BRUIT DE TURBULENCE**

[72] MOLLER, HENRIK, DK  
[71] AALBORG UNIVERSITET, DK  
[85] 2014-12-08  
[86] 2012-06-14 (PCT/DK2012/050203)  
[87] (WO2012/171533)  
[30] DK (PA 2011 70302) 2011-06-15

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[13] A1

[51] **Int.Cl. A63B 21/065 (2006.01)**  
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[54] **FLEXIBLE WEIGHT PAD**  
[54] **BANDE LESTEE SOUPLE**

[72] SINCLAIR, SHELLEY, GB  
[71] SINCLAIR, SHELLEY, GB  
[85] 2014-12-08  
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[30] GB (1109518.9) 2011-06-07

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[13] A1

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[54] **TEAR TAPE FOR PRODUCT WRAPPER**  
[54] **BANDELETTE D'ARRACHAGE POUR EMBALLAGE DE PRODUIT**

[72] TRITZ, FRANZ-JOSEF, DE  
[71] JT INTERNATIONAL SA, CH  
[85] 2014-12-08  
[86] 2013-06-18 (PCT/EP2013/062651)  
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[30] EP (12172406.6) 2012-06-18

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[25] EN  
[54] **A METHOD OF INHIBITING SCALE IN A GEOLOGICAL FORMATION**  
[54] **PROCEDE D'INHIBITION DE TARTRE DANS UNE FORMATION GEOLOGIQUE**

[72] GHORBANI, NASSER, GB  
[72] FLEMING, NIALL, NO  
[72] WILSON, MARK, GB  
[72] KAPUR, NIKIL, GB  
[72] NEVILLE, ANNE, GB  
[71] UNIVERSITY OF LEEDS, GB  
[85] 2014-12-08  
[86] 2013-06-06 (PCT/GB2013/051496)  
[87] (WO2013/182852)  
[30] GB (1210034.3) 2012-06-07

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[51] **Int.Cl. B60R 9/055 (2006.01)**  
[25] EN  
[54] **ILLUMINATION DEVICE FOR VEHICLE CARRIER BOX AND VEHICLE CARRIER BOX**  
[54] **DISPOSITIF D'ECLAIRAGE POUR COFFRE DE TOIT DE VEHICULE, ET COFFRE DE TOIT DE VEHICULE**

[72] FRITSCH, GUNTHER, DE  
[72] NILVIUS, ANDERS, SE  
[71] THULE SWEDEN AB, SE  
[85] 2014-12-08  
[86] 2013-06-25 (PCT/EP2013/063251)  
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[25] EN

[54] **METHOD AND PLANT FOR PRODUCTION OF A FUEL GAS FROM WASTE**

[54] **PROCEDE ET INSTALLATION POUR LA PRODUCTION D'UN GAZ COMBUSTIBLE A PARTIR DE DECHETS**

[72] JACOBSEN, JORN, ES  
[71] JACOBSEN, JORN, ES  
[85] 2014-12-08  
[86] 2013-07-01 (PCT/EP2013/063868)  
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[30] EP (12174397.5) 2012-06-29

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[13] A1

[51] **Int.Cl. A47C 23/04 (2006.01) A47C 23/043 (2006.01)**

[25] EN

[54] **SPRING CORE HAVING A FULLY ACTIVE SPRING AND METHOD OF MANUFACTURING THE SAME**

[54] **CARCASSE DE RESSORTS A RESSORT ENTIEREMENT ACTIF ET SON PROCEDE DE FABRICATION**

[72] JORGENSEN, MORTEN, DK  
[72] ALBAEK, NIELS, DK  
[71] L&P SWISS HOLDING AG, CH  
[85] 2014-12-08  
[86] 2013-07-09 (PCT/EP2013/064443)  
[87] (WO2014/016108)  
[30] EP (12005447.3) 2012-07-26

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[13] A1

[51] **Int.Cl. B65F 5/00 (2006.01) B02C 18/12 (2006.01) B02C 23/02 (2006.01) B30B 3/04 (2006.01) B65G 53/40 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR HANDLING MATERIAL IN A PNEUMATIC MATERIALS HANDLING SYSTEM**

[54] **PROCEDE ET APPAREIL POUR TRAITER UN MATERIAU DANS UN SYSTEME PNEUMATIQUE DE TRAITEMENT DE MATERIAU**

[72] SUNDHOLM, GORAN, FI  
[71] MARICAP OY, FI  
[85] 2014-12-08  
[86] 2013-06-28 (PCT/FI2013/050718)  
[87] (WO2014/006270)  
[30] FI (20125763) 2012-07-02

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[13] A1

[51] **Int.Cl. F25J 3/02 (2006.01) F25J 5/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE SEPARATION OF A GAS RICH IN CARBON DIOXIDE**

[54] **PROCESSUS DE SEPARATION DE GAZ RICHE EN DIOXYDE DE CARBONE**

[72] BRIGLIA, ALAIN, FR  
[72] DARDE, ARTHUR, FR  
[72] TERRIEN, PAUL, FR  
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
[85] 2014-12-08  
[86] 2013-07-08 (PCT/EP2013/064346)  
[87] (WO2014/009300)  
[30] EP (12305848.9) 2012-07-13

[21] **2,876,038**  
[13] A1

[51] **Int.Cl. A23B 9/08 (2006.01) B65G 69/00 (2006.01) C12C 1/073 (2006.01) C12C 1/135 (2006.01) C12C 1/15 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR KILN DRYING OF MATERIAL FOR KILN DRYING**

[54] **PROCEDE ET DISPOSITIF DE SECHAGE DE PRODUITS A SECHER**

[72] SILBERMANN, KAI, DE  
[72] REINBERG, DETLEF, DE  
[72] BENZ, MATTHIAS, DE  
[71] BUHLER GMBH, DE  
[85] 2014-12-17  
[86] 2013-06-20 (PCT/EP2013/062892)  
[87] (WO2014/016065)  
[30] EP (12178180.1) 2012-07-27

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[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/00 (2009.01) B07C 99/00 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRACKING PACKAGE DELIVERIES**

[54] **PROCEDE ET APPAREIL DE SUIVI DE LIVRAISON DE PAQUETS**

[72] CHANDARIA, KAPOOR, KE  
[71] KITARU INNOVATIONS INC., BB  
[85] 2014-12-05  
[86] 2012-05-18 (PCT/CA2012/050330)  
[87] (WO2012/167374)  
[30] US (61/494,556) 2011-06-08  
[30] US (13/285,298) 2011-10-31

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[13] A1

[51] **Int.Cl. B01J 37/03 (2006.01) B01J 21/04 (2006.01) B01J 21/06 (2006.01) B01J 23/75 (2006.01) B01J 35/00 (2006.01) B01J 37/08 (2006.01) C10G 2/00 (2006.01)**

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[54] **CATALYSTS**

[54] **CATALYSEURS**

[72] MEYER, RITA, ZA  
[72] VISAGIE, JACOBUS LUCAS, ZA  
[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA  
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[30] ZA (2012/05837) 2012-08-02

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<p>[21] <b>2,876,043</b> [13] A1</p> <p>[51] <b>Int.Cl. A61B 17/32 (2006.01) A61B 17/3211 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>DEVICE FOR PRODUCING A FIRST SKIN INCISION IN SURGICAL PROCEDURES AND MARKING ALONG THE MARGINS OF THE INCISION</b></p> <p>[54] <b>DISPOSITIF ET PROCEDE DE PRODUCTION D'UNE PREMIERE INCISION DANS LA PEAU DURANT UNE INTERVENTION CHIRURGICALE ET DE REALISATION D'UN MARQUAGE SUR LES MARGES DE L'INCISION</b></p> <p>[72] ARNON, DROR, IL</p> <p>[71] T-MEDICAL INNOVATIONS LTD., IL</p> <p>[85] 2014-12-08</p> <p>[86] 2013-06-07 (PCT/IL2013/050491)</p> <p>[87] (WO2013/186774)</p> <p>[30] US (61/658,497) 2012-06-12</p>	<p>[21] <b>2,876,045</b> [13] A1</p> <p>[51] <b>Int.Cl. A61J 3/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>MEDICINAL AGENT FILLING DEVICE</b></p> <p>[54] <b>DISPOSITIF DE REMPLISSAGE D'UN MEDICAMENT</b></p> <p>[72] SHIBASAKI, TETSUYA, JP</p> <p>[72] SAKAGUCHI, KATSUYOSHI, JP</p> <p>[71] TAKAZONO TECHNOLOGY INCORPORATED, JP</p> <p>[85] 2014-12-08</p> <p>[86] 2012-06-13 (PCT/JP2012/065103)</p> <p>[87] (WO2013/186868)</p>	<p>[21] <b>2,876,048</b> [13] A1</p> <p>[51] <b>Int.Cl. E04C 3/08 (2006.01) E04B 1/24 (2006.01) E04C 3/04 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>STRUCTURAL MEMBER IN FRAMEWORK STRUCTURES</b></p> <p>[54] <b>ELEMENT STRUCTUREL DANS DES STRUCTURES DE CHASSIS</b></p> <p>[72] SWENTERS, IVO, BE</p> <p>[71] SWENTERS, IVO, BE</p> <p>[85] 2014-12-08</p> <p>[86] 2013-06-17 (PCT/BE2013/000030)</p> <p>[87] (WO2013/185186)</p> <p>[30] BE (2012/0405) 2012-06-15</p>
<p>[21] <b>2,876,044</b> [13] A1</p> <p>[51] <b>Int.Cl. A46B 17/04 (2006.01) A46B 15/00 (2006.01) B08B 3/04 (2006.01) B08B 3/10 (2006.01) B23K 37/08 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>ADJUSTABLE CONDUCTIVE BRUSH ASSEMBLY FOR CLEANING METALS</b></p> <p>[54] <b>ENSEMBLE BROUSSE CONDUCTRICE REGLABLE POUR LE NETTOYAGE DE METAUX</b></p> <p>[72] WHITE, CLIVE STUART, AU</p> <p>[72] FISCHER, MARK ROBERT, AU</p> <p>[71] ENSITECH IP PTY LTD, AU</p> <p>[85] 2014-12-08</p> <p>[86] 2013-06-07 (PCT/AU2013/000612)</p> <p>[87] (WO2013/181715)</p> <p>[30] AU (2012902410) 2012-06-08</p>	<p>[21] <b>2,876,046</b> [13] A1</p> <p>[51] <b>Int.Cl. A24D 3/10 (2006.01) A24D 3/10 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>CIGARETTE FILTER</b></p> <p>[54] <b>FILTRE POUR CIGARETTE</b></p> <p>[72] TANIGUCHI, HIROKI, JP</p> <p>[72] KARAKANE, HIROKI, JP</p> <p>[71] DAICEL CORPORATION, JP</p> <p>[85] 2014-12-08</p> <p>[86] 2012-07-26 (PCT/JP2012/068985)</p> <p>[87] (WO2013/186938)</p> <p>[30] JP (2012-134340) 2012-06-14</p>	<p>[21] <b>2,876,049</b> [13] A1</p> <p>[51] <b>Int.Cl. B01D 65/08 (2006.01) B01D 71/02 (2006.01) C02F 1/44 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SOLID-LIQUID SEPARATION METHOD</b></p> <p>[54] <b>PROCEDE DE SEPARATION SOLIDE-LIQUIDE</b></p> <p>[72] NOGUCHI, HIROSHI, JP</p> <p>[71] MEIDENSHA CORPORATION, JP</p> <p>[85] 2014-12-08</p> <p>[86] 2013-06-10 (PCT/JP2013/065997)</p> <p>[87] (WO2013/187378)</p> <p>[30] JP (2012-135344) 2012-06-15</p>
<p>[21] <b>2,876,047</b> [13] A1</p> <p>[51] <b>Int.Cl. C12N 5/079 (2010.01) C12N 5/0735 (2010.01) A61K 35/12 (2015.01) A61L 27/00 (2006.01) C12N 5/10 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR PRODUCING CILIARY MARGINAL ZONE-LIKE STRUCTURE</b></p> <p>[54] <b>PROCEDE DE PRODUCTION D'UNE STRUCTURE DE TYPE ZONE MARGINALE CILIAIRE</b></p> <p>[72] NAKANO, TOKUSHIGE, JP</p> <p>[72] ANDO, SATOSHI, JP</p> <p>[72] SASAI, YOSHIKI, JP</p> <p>[72] EIRAKU, MOTOTSUGU, JP</p> <p>[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP</p> <p>[71] RIKEN, JP</p> <p>[85] 2014-12-08</p> <p>[86] 2013-06-07 (PCT/JP2013/065878)</p> <p>[87] (WO2013/183774)</p> <p>[30] JP (2012-130521) 2012-06-08</p>	<p>[21] <b>2,876,050</b> [13] A1</p> <p>[51] <b>Int.Cl. C10G 5/00 (2006.01) C01B 3/38 (2006.01) C10G 3/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEM OR METHOD FOR PRODUCING GASOLINE</b></p> <p>[54] <b>SYSTEME OU PROCEDE DE FABRICATION D'ESSENCE</b></p> <p>[72] IJIMA, MASAKI, JP</p> <p>[72] YOSHIYAMA, RYUJI, JP</p> <p>[72] HIRAYAMA, HARUAKI, JP</p> <p>[72] SEIKI, YOSHIO, JP</p> <p>[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP</p> <p>[85] 2014-12-08</p> <p>[86] 2013-06-19 (PCT/JP2013/066813)</p> <p>[87] (WO2014/007059)</p> <p>[30] JP (2012-152451) 2012-07-06</p>	

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[21] **2,876,051**  
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/00 (2006.01)**

[25] EN

[54] **INTERACTION PREDICTION DEVICE, INTERACTION PREDICTION METHOD, AND COMPUTER PROGRAM PRODUCT**

[54] **DISPOSITIF DE PREDICTION D'INTERACTION, PROCEDE DE PREDICTION D'INTERACTION ET PROGRAMME**

[72] KITANO, HIROAKI, JP

[72] HSIN, KUN-YI, JP

[72] GHOSH, SAMIK, JP

[71] OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY, JP

[85] 2014-12-08

[86] 2013-06-13 (PCT/JP2013/066323)

[87] (WO2013/187468)

[30] JP (2012-134261) 2012-06-13

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[21] **2,876,052**  
[13] A1

[51] **Int.Cl. A21D 2/36 (2006.01) A21D 10/00 (2006.01) A21D 13/00 (2006.01)**

[25] EN

[54] **BREAD HARDENING PREVENTING AGENT, BREAD HARDENING-PREVENTING METHOD, BREAD PRODUCTION METHOD, PREMIX FLOUR FOR BREAD, AND BREAD**

[54] **INHIBITEUR DE DURCISSEMENT POUR PRODUIT DE BOULANGERIE, PROCEDE D'INHIBITION DU DURCISSEMENT D'UN PRODUIT DE BOULANGERIE, PROCEDE DE PRODUCTION D'UN PRODUIT DE BOULANGERIE, MELANGE DE FARINES POUR PRODUIT DE BOULANGERIE ET PRODUIT DE BOULANGERIE**

[72] YAMADA, KOJI, JP

[72] AKEBOSHI, GEN, JP

[71] SHOWA SANGYO CO., LTD., JP

[85] 2014-12-08

[86] 2013-07-25 (PCT/JP2013/070138)

[87] (WO2014/021181)

[30] JP (2012-170557) 2012-07-31

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[21] **2,876,053**  
[13] A1

[51] **Int.Cl. B62D 25/16 (2006.01) B62D 25/08 (2006.01)**

[25] EN

[54] **FENDER SUPPORTING PORTION STRUCTURE**

[54] **STRUCTURE DE SUPPORT DE PARE-CHOCS**

[72] IWANO, YOSHIHIRO, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2014-12-08

[86] 2013-09-12 (PCT/JP2013/074760)

[87] (WO2014/069113)

[30] JP (2012-243314) 2012-11-05

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[21] **2,876,054**  
[13] A1

[51] **Int.Cl. E01C 13/08 (2006.01) D06N 7/00 (2006.01)**

[25] EN

[54] **SUBSTRATE ELEMENT FOR AN ARTIFICIAL GRASS PITCH**

[54] **ELEMENT DE SUBSTRAT POUR GAZON ARTIFICIEL**

[72] VAN BALEN, JEROEN ALBERT, DE

[72] OLDE WEGHUIS, MARINUS HENDRIKUS, NL

[71] TEN CATE NEDERLAND B.V., NL

[85] 2014-12-08

[86] 2013-04-18 (PCT/NL2013/050280)

[87] (WO2013/183989)

[30] NL (2008961) 2012-06-08

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[21] **2,876,055**  
[13] A1

[51] **Int.Cl. A47J 19/06 (2006.01) A47J 19/02 (2006.01) A47J 43/07 (2006.01)**

[25] EN

[54] **JUICER**

[54] **PRESSE-AGRUMES**

[72] KIM, YOUNG KI, KR

[71] KIM, YOUNG KI, KR

[85] 2014-12-08

[86] 2013-06-27 (PCT/KR2013/005675)

[87] (WO2014/003447)

[30] KR (10-2012-0071162) 2012-06-29

[30] KR (10-2013-0065189) 2013-06-07

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[21] **2,876,056**  
[13] A1

[51] **Int.Cl. F16K 11/085 (2006.01) B01F 5/10 (2006.01) F16K 11/076 (2006.01)**

[25] FR

[54] **DIRECTIONAL CONTROL VALVE FOR FLUID AND DEVICE FOR IN-SITU RECONSTITUTION AND ADMINISTERING**

[54] **DISTRIBUTEUR FLUIDIQUE ET DISPOSITIF DE RECONSTITUTION IN SITU ET D'ADMINISTRATION**

[72] WATTELLIER, ARNAUD, FR

[72] DEHAN, CHRISTOPHE, FR

[71] EVEON, FR

[85] 2014-12-08

[86] 2013-05-14 (PCT/FR2013/051047)

[87] (WO2014/016479)

[30] FR (1257291) 2012-07-27

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[21] **2,876,058**  
[13] A1

[51] **Int.Cl. B61B 12/06 (2006.01)**

[25] FR

[54] **MECHANICAL CHAIRLIFT SEAT AND INSTALLATION EQUIPPED WITH THIS SEAT**

[54] **SIEGE DE REMONTEE MECANIQUE ET INSTALLATION EQUIPEE DE CE SIEGE**

[72] CHEDAL BORNUN, YVES, FR

[71] SOMMITAL, FR

[85] 2014-12-08

[86] 2013-06-13 (PCT/FR2013/051381)

[87] (WO2013/190220)

[30] FR (12/55787) 2012-06-20

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[21] **2,876,059**  
[13] A1

[51] **Int.Cl. B27L 7/00 (2006.01) B27L 7/02 (2006.01)**

[25] EN

[54] **MANUAL WOOD SPLITTING ASSISTANCE APPARATUS**

[54] **APPAREIL D'AIDE AU FENDAGE DE BOIS MANUEL**

[72] PADEN, JACK R., US

[71] PADEN, JACK R., US

[85] 2014-12-08

[86] 2013-06-11 (PCT/US2013/045252)

[87] (WO2013/188454)

[30] US (61/689,639) 2012-06-11

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[21] **2,876,060**  
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) B60Q 3/00 (2006.01) G02B 6/00 (2006.01)**

[25] FR

[54] **LUMINOUS GLASS PANEL**

[54] **VITRAGE LUMINEUX**

[72] VERGER, ARNAUD, FR

[72] VERMERSCH, FRANCOIS-JULIEN, FR

[72] SOLARSKI, SAMUEL, FR

[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2014-12-08

[86] 2013-07-01 (PCT/FR2013/051539)

[87] (WO2014/009630)

[30] FR (1256664) 2012-07-11

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[21] **2,876,062**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/46 (2006.01)**

[25] EN

[54] **EFFERVESCENT DOSAGE FORM**

[54] **FORME POSOLOGIQUE EFFERVESCENTE**

[72] STELLA, MARK EDWARD, US

[72] ENTWISLE, JOHN RICHARD, US

[72] NEWLON, JASON WILLIAM, US

[72] NAYKKI, CHRISTINE LOUIE, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-12-08

[86] 2013-06-12 (PCT/US2013/045303)

[87] (WO2013/188483)

[30] US (61/658,430) 2012-06-12

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[21] **2,876,064**  
[13] A1

[51] **Int.Cl. A61L 27/24 (2006.01) A61F 2/18 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A COLLAGEN MEMBRANE AND USES THEREOF**

[54] **PROCEDE DE PRODUCTION D'UNE MEMBRANE DE COLLAGENE ET SES UTILISATIONS**

[72] ZHENG, MING-HAO, AU

[71] ORTHOCELL LTD, AU

[85] 2014-12-09

[86] 2013-06-12 (PCT/AU2013/000621)

[87] (WO2013/185173)

[30] AU (2012902458) 2012-06-12

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[21] **2,876,061**  
[13] A1

[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/462 (2011.01) H04N 21/8358 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PROCESSING DIGITAL SERVICE SIGNALS**

[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX DE SERVICE NUMERIQUE**

[72] OH, SEJIN, KR

[72] SUH, JONGYEUL, KR

[72] PARK, BYUNGSUN, KR

[72] KIM, JINPIL, KR

[72] MOON, KYOUNGSOO, KR

[72] AN, SEUNGJOO, KR

[72] KIM, KYUNGHO, KR

[71] LG ELECTRONICS INC., KR

[85] 2014-12-08

[86] 2013-07-05 (PCT/KR2013/005980)

[87] (WO2014/007571)

[30] US (61/668,437) 2012-07-05

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[21] **2,876,063**  
[13] A1

[51] **Int.Cl. C07D 311/72 (2006.01) C08J 3/00 (2006.01) C08K 5/00 (2006.01)**

[25] EN

[54] **STABILIZER COMPOSITIONS CONTAINING SUBSTITUTED CHROMAN COMPOUNDS AND METHODS OF USE**

[54] **COMPOSITIONS STABILISATRICES CONTENANT DES COMPOSES CHROMANNE SUBSTITUES ET METHODES D'UTILISATION ASSOCIEES**

[72] GUPTA, RAM, US

[72] SAMUELS, SARI-BETH, US

[72] ENG, J. MON HEI, US

[72] STEELE, THOMAS, US

[71] CYTEC TECHNOLOGY CORP., US

[85] 2014-12-08

[86] 2013-06-12 (PCT/US2013/045318)

[87] (WO2013/188490)

[30] US (13/495,109) 2012-06-13

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[21] **2,876,065**  
[13] A1

[51] **Int.Cl. F23D 14/22 (2006.01) F23D 14/58 (2006.01) F23D 14/62 (2006.01)**

[25] EN

[54] **GASEOUS FUEL BURNER WITH HIGH ENERGY AND COMBUSTION EFFICIENCY, LOW POLLUTANT EMISSION AND INCREASED HEAT TRANSFER**

[54] **BRULEUR DE COMBUSTIBLE GAZEUX A EFFICACITE ENERGETIQUE ELEVEE ET DE COMBUSTION, SOUS EMISSION DE CONTAMINANTS ET IMPORTANT TRANSFERT DE CHALEUR**

[72] RIVERA GARZA, JORGE, MX

[71] RIVERA GARZA, JORGE, MX

[85] 2014-12-08

[86] 2013-05-14 (PCT/MX2013/000061)

[87] (WO2013/183981)

[30] MX (MX/a/2012/006599) 2012-06-08

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[21] **2,876,066**  
[13] A1

[51] **Int.Cl. H02J 3/28 (2006.01)**  
[25] EN  
[54] **POWER GRID PHOTO-VOLTAIC INTEGRATION USING DISTRIBUTED ENERGY STORAGE AND MANAGEMENT**

[54] **INTEGRATION PHOTOVOLTAIQUE DE RESEAU ELECTRIQUE A L'AIDE DE STOCKAGE ET DE GESTION D'ENERGIE DISTRIBUES**

[72] BERKOWITZ, DONALD S., US  
[72] WALKER, THOMAS, US  
[71] S&C ELECTRIC COMPANY, US  
[85] 2014-12-08  
[86] 2013-06-12 (PCT/US2013/045371)  
[87] (WO2013/188517)  
[30] US (61/659,227) 2012-06-13

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[21] **2,876,067**  
[13] A1

[51] **Int.Cl. E21B 34/02 (2006.01) E21B 33/03 (2006.01)**  
[25] EN  
[54] **ROTATING FLOW CONTROL DIVERTER HAVING DUAL STRIPPER ELEMENTS**

[54] **DEFLECTEUR ROTATIF DE REGLAGE DE DEBIT AYANT DES ELEMENTS RACLEURS DOUBLES**

[72] BOYD, MICHAEL, CA  
[71] ELITE ENERGY IP HOLDINGS LTD., CA  
[85] 2014-12-09  
[86] 2013-06-12 (PCT/CA2013/050444)  
[87] (WO2013/185227)  
[30] US (61/658,680) 2012-06-12

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[21] **2,876,068**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01) A61B 5/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVING BREATHING THERAPY COMPLIANCE**

[54] **PROCEDE ET APPAREIL POUR AMELIORER LA CONFORMITE DE THERAPIES RESPIRATOIRES**

[72] DUCKWORTH, EMMA LOUISE, NZ  
[72] CRESSWELL, FIONA ELIZABETH, NZ  
[72] CASSE, BENJAMIN WILSON, NZ  
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
[85] 2014-12-08  
[86] 2013-06-11 (PCT/NZ2013/000098)  
[87] (WO2013/187776)  
[30] US (61/658,713) 2012-06-12

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[21] **2,876,069**  
[13] A1

[51] **Int.Cl. F03B 13/18 (2006.01)**  
[25] EN  
[54] **WAVE POWER CONVERTER**

[54] **CONVERTISSEUR DE LA PUISSANCE DES VAGUES**

[72] WIGANT, LARS, DK  
[71] PATENTSELSKABET AF 30 NOVEMBER 2014 APS, DK  
[85] 2014-12-09  
[86] 2013-06-20 (PCT/DK2013/050202)  
[87] (WO2013/189500)  
[30] DK (PA 2012 70344) 2012-06-20

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[21] **2,876,070**  
[13] A1

[51] **Int.Cl. C08B 37/08 (2006.01) A61K 8/73 (2006.01) A61K 9/00 (2006.01) A61K 31/728 (2006.01) A61K 47/36 (2006.01) A61L 27/52 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01) C08L 5/08 (2006.01)**  
[25] EN  
[54] **METHOD OF PREPARING A COMPOSITION BASED ON HYALURONIC ACID**

[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION A BASE D'ACIDE HYALURONIQUE**

[72] BARG, HEIKO, DE  
[72] FRIEDRICH, JOSEF, DE  
[72] LIEBETRAU, WOLFGANG, DE  
[72] VOIGTS, ROBERT G., US  
[72] LIGMAN, TIM STEPHEN, US  
[71] MERZ PHARMA GMBH & CO. KGAA, DE  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/EP2013/001782)  
[87] (WO2013/185934)  
[30] US (61/660,269) 2012-06-15  
[30] EP (12004962.2) 2012-07-04  
[30] EP (13000961.6) 2013-02-26

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[21] **2,876,071**  
[13] A1

[51] **Int.Cl. H03K 9/00 (2006.01)**  
[25] EN  
[54] **COGNITIVE RECEIVER ARCHITECTURE**

[54] **ARCHITECTURE DE RECEPTEUR COGNITIF**

[72] ALAPURANEN, PERTTI, US  
[71] XG TECHNOLOGY, INC., US  
[85] 2014-12-08  
[86] 2012-03-23 (PCT/US2012/030288)  
[87] (WO2012/170102)  
[30] US (61/494,485) 2011-06-08  
[30] US (13/428,225) 2012-03-23

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[21] **2,876,072**  
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01)**  
[25] EN  
[54] **WIND TURBINE AND METHOD FOR CONTROLLING A WIND TURBINE OR A WIND FARM**  
[54] **EOLIENNE ET PROCEDE DE COMMANDE D'UNE EOLIENNE OU D'UN PARC EOLIEN**  
[72] STOLTENJOHANNES, JURGEN, DE  
[72] BOHLEN, WERNER HINRICH, DE  
[72] MELI, WILLIAM, DE  
[71] WOBLEN PROPERTIES GMBH, DE  
[85] 2014-12-09  
[86] 2013-06-11 (PCT/EP2013/062030)  
[87] (WO2013/186211)  
[30] DE (10 2012 210 150.0) 2012-06-15

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[21] **2,876,073**  
[13] A1

[51] **Int.Cl. H04L 1/00 (2006.01) H04L 12/70 (2013.01) H04J 11/00 (2006.01)**  
[25] EN  
[54] **SYMBOL ERROR DETECTION METHOD**  
[54] **PROCEDE DE DETECTION D'ERREUR DE SYMBOLE**  
[72] ALAPURANEN, PERTTI, US  
[71] XG TECHNOLOGY, INC., US  
[85] 2014-12-08  
[86] 2012-06-01 (PCT/US2012/040364)  
[87] (WO2012/170288)  
[30] US (61/494,505) 2011-06-08  
[30] US (13/486,066) 2012-06-01

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[21] **2,876,074**  
[13] A1

[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)**  
[25] EN  
[54] **N-SUBSTITUTED SECOND GENERATION DERIVATIVES OF ANTIFUNGAL ANTIBIOTIC AMPHOTERICIN B AND METHODS OF THEIR PREPARATION AND APPLICATION**  
[54] **DERIVES DE SECONDE GENERATION N-SUBSTITUES DE L'AMPHOTERICIN B ANTIBIOTIQUE ANTIFONGIQUE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**  
[72] BOROWSKI, EDWARD, PL  
[72] SALEWSKA, NATALIA, PL  
[72] BOROS-MAJEWSKA, JOANNA, PL  
[72] MILEWSKA, MARIA, PL  
[72] WYSOCKA, MALGORZATA, PL  
[72] MILEWSKI, SLAWOMIR, PL  
[72] LACKA, IZABELA, PL  
[72] SABISZ, MICHAL, PL  
[71] BLIRT S.A., PL  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/EP2013/062436)  
[87] (WO2013/186384)  
[30] PL (P.399545) 2012-06-15

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[21] **2,876,075**  
[13] A1

[51] **Int.Cl. F02D 17/04 (2006.01)**  
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[54] **AIR SHUTOFF SWING GATE VALVE**  
[54] **VANNE D'ARRET D'AIR DE PORTE BASCULANTE**  
[72] MOLAVI, KAMYAR, US  
[72] MCCLYMONDS, KEN, US  
[71] AMOT CONTROLS CORP, US  
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[30] US (13/236,020) 2011-09-19

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[51] **Int.Cl. A01K 67/00 (2006.01) C12N 15/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR GENERATING CONDITIONAL KNOCK-OUT ALLELES**  
[54] **PROCEDES ET COMPOSITIONS POUR LA GENERATION D'ALLELES A INACTIVATION CONDITIONNELLE**  
[72] WARMING, SOREN, US  
[72] ANDERSON, KEITH R., US  
[71] GENENTECH, INC., US  
[85] 2014-12-08  
[86] 2013-06-12 (PCT/US2013/045382)  
[87] (WO2013/188522)  
[30] US (61/658,670) 2012-06-12

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[13] A1

[51] **Int.Cl. A61D 1/02 (2006.01) A61D 7/00 (2006.01) A61F 9/007 (2006.01)**  
[25] EN  
[54] **INTRAOCULAR GAS INJECTOR**  
[54] **INJECTEUR DE GAZ INTRA-OCULAIRE**  
[72] AULD, JACK R., US  
[72] HUCULAK, JOHN C., US  
[72] MCCOLLAM, CHRISTOPHER L., US  
[71] ALTAVIZ, LLC, US  
[85] 2014-12-08  
[86] 2013-06-12 (PCT/US2013/045515)  
[87] (WO2013/188595)  
[30] US (61/658,765) 2012-06-12  
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[13] A1

[51] **Int.Cl. E21B 43/00 (2006.01) E21B 43/267 (2006.01) E21B 43/40 (2006.01)**  
[25] EN  
[54] **FRACTURE WATER TREATMENT METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE TRAITEMENT A L'EAU DE FRACTURATION**  
[72] MUNISTERI, JOSEPH G., US  
[71] MBJ WATER PARTNERS, US  
[85] 2014-12-08  
[86] 2013-02-22 (PCT/US2013/027429)  
[87] (WO2014/018094)  
[30] US (61/676,628) 2012-07-27  
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[25] EN  
[54] **DEACIDIFICATION OF FATS AND OILS**  
[54] **DESACIDIFICATION DES GRAISSES ET DES HUILES**  
[72] SARUP, BENT, DK  
[71] ALFA LAVAL CORPORATE AB, SE  
[85] 2014-12-09  
[86] 2013-06-19 (PCT/EP2013/062705)  
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[30] EP (12176123.3) 2012-07-12

[21] **2,876,080**  
[13] A1

[51] **Int.Cl. A61B 5/20 (2006.01)**  
[25] EN  
[54] **DEVICES, SYSTEMS, AND METHODS FOR DIAGNOSIS AND TREATMENT OF OVERACTIVE BLADDER**  
[54] **DISPOSITIFS, SYSTEMES ET PROCÉDES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE LA VESSIE HYPERACTIVE**  
[72] SCHWARTZ, ROBERT, US  
[72] ROBINS, DAVID, US  
[72] TOTH, LANDY, US  
[71] AUTONOMIX MEDICAL, INC., US  
[85] 2014-12-08  
[86] 2013-06-13 (PCT/US2013/045605)  
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[30] US (61/659,463) 2012-06-14

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[13] A1

[51] **Int.Cl. H01R 13/648 (2006.01) G06K 7/00 (2006.01)**  
[25] EN  
[54] **CONNECTOR FOR MEMORY CARD RESISTANT TO ELECTROSTATIC DISCHARGES**  
[54] **CONNECTEUR DE CARTE A MEMOIRE RESISTANT AUX DECHARGES ELECTROSTATIQUES**  
[72] PAVAGEAU, STEPHANE, FR  
[72] GARY, DIDIER, FR  
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR  
[85] 2014-12-09  
[86] 2013-06-19 (PCT/EP2013/062791)  
[87] (WO2013/190006)  
[30] FR (1255750) 2012-06-19

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[13] A1

[51] **Int.Cl. D21H 17/25 (2006.01) D21H 17/01 (2006.01) D21H 21/00 (2006.01)**  
[25] EN  
[54] **ENERGY EFFICIENT PROCESS FOR PREPARING NANOCELLULOSE FIBERS**  
[54] **PROCEDE ECOENERGETIQUE POUR LA PREPARATION DE FIBRES DE NANOCELLULOSE**  
[72] BILODEAU, MICHAEL A., US  
[72] PARADIS, MARK A., US  
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US  
[85] 2014-12-08  
[86] 2013-06-13 (PCT/US2013/045640)  
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[30] US (61/659,082) 2012-06-13

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[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) D21H 17/25 (2006.01) D21H 17/28 (2006.01)**  
[25] EN  
[54] **RELEASE PAPER AND METHOD OF MANUFACTURE**  
[54] **PAPIER COUCHE ANTIADHESIF ET SON PROCÉDE DE FABRICATION**  
[72] BILODEAU, MICHAEL A., US  
[72] HAMILTON, ROBERT H., US  
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US  
[71] STIRLING CONSULTING, INC., US  
[71] STIRLING CONSULTING, INC., US  
[85] 2014-12-08  
[86] 2013-06-14 (PCT/US2013/045832)  
[87] (WO2013/188739)  
[30] US (61/660,378) 2012-06-15

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[13] A1

[51] **Int.Cl. A61J 17/00 (2006.01)**  
[25] EN  
[54] **MATURATIVE GUIDING PACIFIER FOR BABY**  
[54] **SUCETTE D'AIDE A LA MATURATION POUR BEBES**  
[72] LACROIX, MICHEL, CH  
[71] ORTHOGLOBAL SARL, CH  
[85] 2014-12-09  
[86] 2013-06-20 (PCT/EP2013/062929)  
[87] (WO2013/190061)  
[30] CH (00862/12) 2012-06-20

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[13] A1

[51] **Int.Cl. H01M 8/18 (2006.01) C25B 1/10 (2006.01) C25B 1/46 (2006.01) C25B 9/06 (2006.01) C25B 9/08 (2006.01) C25B 11/02 (2006.01) C25B 11/04 (2006.01) H01M 8/02 (2006.01)**  
[25] EN  
[54] **BIPOLAR ELECTRODE AND METHOD FOR PRODUCING SAME**  
[54] **ELECTRODE BIPOLAIRE ET PROCÉDE DE PRODUCTION DE CELLE-CI**  
[72] VANDENBORRE, HUGO JAN BAPTIST, BE  
[72] DUBOIS, ERIC, BE  
[72] ZANDONA, NICOLA, BE  
[71] SOLVAY SA, BE  
[85] 2014-12-09  
[86] 2013-06-20 (PCT/EP2013/062938)  
[87] (WO2013/190066)  
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[13] A1

[51] **Int.Cl. F41A 9/64 (2006.01) F41A 3/26 (2006.01) F41A 9/61 (2006.01) F41A 9/66 (2006.01) F41C 23/00 (2006.01) F41G 1/027 (2006.01) F41G 1/033 (2006.01)**  
[25] EN  
[54] **AUTOMATIC WEAPON MAGAZINE, CHARGING HANDLE, BOLT CARRIER, BOLT CATCH, SCOPE, AND BOLT FEATURES AND METHODS OF OPERATION**  
[54] **CHARGEUR D'ARME AUTOMATIQUE, POIGNEE DE CHARGEMENT, PORTE-CULASSE, ARRETOIR DE CULASSE, LUNETTE DE VISEE ET CARACTERISTIQUES DE CULASSE ET PROCÉDES DE FONCTIONNEMENT**  
[72] SUGG, EDWARD A., US  
[72] SUGG, DAVID W., US  
[71] SUGG, EDWARD A., US  
[71] SUGG, DAVID W., US  
[85] 2014-12-08  
[86] 2013-05-01 (PCT/US2013/039133)  
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[51] **Int.Cl. C09K 8/58 (2006.01) C10L 1/02 (2006.01) C11C 3/00 (2006.01)**

[25] EN

[54] **PROCESSES FOR PRODUCING MINERAL OIL FROM MINERAL OIL DEPOSITS HAVING INHOMOGENEOUS PERMEABILITY**

[54] **PROCEDE D'EXTRACTION DE PETROLE A PARTIR DE GISEMENTS A PERMEABILITE INHOMOGENE**

[72] STEHLE, VLADIMIR, DE

[72] LIUBOV, ALTUNINA, RU

[72] KUVSHINOV, VLADIMIR, RU

[71] WINTERSHALL HOLDING GMBH, DE

[71] INSTITUTE OF PETROLEUM CHEMISTRY OF THE SIBERIAN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES, RU

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[86] 2013-07-01 (PCT/EP2013/063828)

[87] (WO2014/005993)

[30] EP (12174945.1) 2012-07-04

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[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/44 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **PACKAGE RECOGNITION SYSTEM**

[54] **SYSTEME DE RECONNAISSANCE D'EMBALLAGE**

[72] CROSS, DAVID MURRAY, GB

[72] PATON, MICHAEL, GB

[72] TOON, DANIEL THOMAS, GB

[71] UNILEVER PLC, NL

[85] 2014-12-09

[86] 2013-07-02 (PCT/EP2013/063942)

[87] (WO2014/006048)

[30] EP (12175405.5) 2012-07-06

[30] EP (12175406.3) 2012-07-06

[30] EP (13160328.4) 2013-03-21

[30] EP (13160324.3) 2013-03-21

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[30] EP (13160326.8) 2013-03-21

[30] EP (13160342.5) 2013-03-21

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[13] A1

[51] **Int.Cl. A01N 57/00 (2006.01) A01N 31/00 (2006.01) A01P 1/00 (2006.01)**

[25] EN

[54] **METHODS OF CONVERTING AN INACTIVE BIOCIDES INTO AN ACTIVE BIOCIDES USING A CHEMICAL REACTION**

[54] **PROCEDE DE CONVERSION D'UN BIOCIDES INACTIF EN UN BIOCIDES ACTIF AU MOYEN D'UNE REACTION CHIMIQUE**

[72] DEVILLE, JAY P., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-08

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[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR BREWING A BEVERAGE**

[54] **PROCEDE ET DISPOSITIF POUR INFUSER UNE BOISSON**

[72] CROSS, DAVID MURRAY, GB

[72] PATON, MICHAEL, GB

[72] POPA, CRISTIAN SIMION, GB

[72] SMITH, ALISTAIR DAVID, GB

[72] TOON, DANIEL THOMAS, GB

[71] UNILEVER PLC, NL

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[86] 2013-07-02 (PCT/EP2013/063943)

[87] (WO2014/006049)

[30] EP (12175405.5) 2012-07-06

[30] EP (12175406.3) 2012-07-06

[30] EP (13160328.4) 2013-03-21

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[30] EP (13160326.8) 2013-03-21

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[13] A1

[51] **Int.Cl. G07B 15/06 (2011.01) G08G 1/0967 (2006.01)**

[25] EN

[54] **ON BOARD UNIT WITH POWER MANAGEMENT**

[54] **UNITE EMBARQUEE A GESTION DE CONSOMMATION ELECTRIQUE**

[72] ROGO, JOHAN, SE

[72] POVOLNY, ROBERT, AT

[72] KRAPPENBAUER, MARKUS, AT

[72] LIEBHART, HEINZ, AT

[71] KAPSCH TRAFFICOM AB, SE

[85] 2014-12-09

[86] 2013-07-03 (PCT/EP2013/064075)

[87] (WO2014/006111)

[30] EP (12174784.4) 2012-07-03

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[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01)**

[25] EN

[54] **RADIOPHARMACEUTICAL DELIVERY AND TUBE MANAGEMENT SYSTEM**

[54] **SYSTEME D'ADMINISTRATION DE PRODUIT RADIOPHARMACEUTIQUE ET DE GESTION DE TUBE**

[72] HOFFMAN, RAYMOND C., US

[72] TUCKER, BARRY L., US

[72] BERRY, DAVID H., US

[72] URAM, MARTIN J., US

[72] DESCALZI, DOUGLAS, US

[72] UBER, ARTHUR E., III, US

[71] BAYER MEDICAL CARE INC., US

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[30] US (13/831,734) 2013-03-15

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **CHIP SET-UP AND HIGH-ACCURACY NUCLEIC ACID SEQUENCING**

[54] **CONFIGURATION DE PUCE ET SEQUENCAGE D'ACIDE NUCLEIQUE A HAUTE PRECISION**

[72] DAVIS, RANDALL, US

[72] CHEN, ROGER, US

[72] BIBILLO, ARKADIUSZ, US

[72] DEIERLING, KEVIN, US

[71] GENIA TECHNOLOGIES, INC., US

[85] 2014-12-08

[86] 2013-06-14 (PCT/US2013/046012)

[87] (WO2013/188841)

[30] US (61/660,537) 2012-06-15

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[13] A1

[51] **Int.Cl. C12N 15/79 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SOLUBLE FCR AS FC-FUSION WITH INERT IMMUNOGLOBULIN FC-REGION AND USES THEREOF**

[54] **PROCEDE POUR LA PRODUCTION DE FCR SOLUBLE EN TANT QUE FC-FUSION AVEC UNE FC-REGION D'IMMUNOGLOBULINE INERTE ET UTILISATIONS DE CELUI-CI**

[72] RUEGER, PETRA, DE

[72] SCHLOTHAUER, TILMAN, DE

[72] SEEGER, STEFAN, DE

[71] F. HOFFMAN-LA ROCHE AG, CH

[85] 2014-12-09

[86] 2013-07-31 (PCT/EP2013/066065)

[87] (WO2014/020056)

[30] EP (12179025.7) 2012-08-02

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[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01) G21F 5/015 (2006.01)**

[25] EN

[54] **MOLECULAR IMAGING VIAL TRANSPORT CONTAINER AND FLUID INJECTION SYSTEM INTERFACE**

[54] **RECIPIENT DE TRANSPORT DE FLACON D'IMAGERIE MOLECULAIRE ET INTERFACE DE SYSTEME D'INJECTION DE FLUIDE**

[72] BAZALA, JASON L., US

[72] KAINITZ, RYAN C., US

[71] BAYER MEDICAL CARE INC., US

[85] 2014-12-08

[86] 2013-06-04 (PCT/US2013/044031)

[87] (WO2013/184640)

[30] US (61/656,618) 2012-06-07

[30] US (13/800,194) 2013-03-13

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[21] **2,876,099**  
[13] A1

[51] **Int.Cl. C12N 15/79 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING MONOMERIC AND MULTIMERIC MOLECULES AND USES THEREOF**

[54] **PROCEDE DE PRODUCTION DE MOLECULES MONOMERES ET MULTIMERES ET LEURS UTILISATIONS**

[72] AUER, JOHANNES, DE

[72] BADER, MARTIN, DE

[72] DENGL, STEFAN, DE

[72] LORENZ, STEFAN, DE

[72] SEEGER, STEFAN, DE

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

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[86] 2013-07-31 (PCT/EP2013/066096)

[87] (WO2014/020069)

[30] EP (12179021.6) 2012-08-02

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[21] **2,876,102**  
[13] A1

[51] **Int.Cl. B65D 88/60 (2006.01)**

[25] EN

[54] **APPARATUS FOR REMOVING MATERIAL FROM A CONTAINER AND CONTAINER THEREWITH**

[54] **APPAREIL DE RETRAIT DE MATERIAU D'UN CONTENANT ET CONTENANT EQUIPE DE CE DERNIER**

[72] DIXON, OLIVER, GB

[71] DIXON, OLIVER, GB

[85] 2014-12-09

[86] 2012-06-08 (PCT/GB2012/051300)

[87] (WO2012/168730)

[30] GB (1109682.3) 2011-06-10

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[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/18 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **METHOD OF TREATING A SUBTERRANEAN FORMATION WITH A MORTAR SLURRY DESIGNED TO FORM A PERMEABLE MORTAR**

[54] **PROCEDE DE TRAITEMENT D'UNE FORMATION SOUTERRAINE AVEC UN MORTIER PEU EPAIS CONCU POUR FORMER UN MORTIER PERMEABLE**

[72] FARINAS MOYA, MAURICIO JOSE, US

[72] FONSECA, ERNESTO RAFAEL, US

[72] HALE, ARTHUR HERMAN, US

[72] VAN SELST, HENRICUS, NL

[72] VERBIST, GUY LODE MAGDA MARIA, NL

[72] VAN DER WEGEN, GERARDUS JOHANNES LEONARDUS, NL

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[86] 2013-06-20 (PCT/US2013/046767)

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[30] US (61/662,705) 2012-06-21

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[21] **2,876,104**  
[13] A1

[51] **Int.Cl. A61C 13/12 (2006.01) A61C 13/225 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR MEDICAL TREATMENT AND REHABILITATION OF JAWS**

[54] **PROCEDE ET SYSTEME S'APPLIQUANT A UN TRAITEMENT MEDICAL ET A LA REHABILITATION DES MACHOIRES**

[72] VESHLER, MISHEL, IL  
[72] AHARONI, BENZI, IL  
[71] VESHLER, MISHEL, IL  
[71] AHARONI, BENZI, IL  
[85] 2014-12-09  
[86] 2013-06-10 (PCT/IL2013/000053)  
[87] (WO2013/186767)  
[30] IL (220326) 2012-06-12

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[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C07H 21/04 (2006.01) C12N 15/11 (2006.01)**

[25] EN

[54] **INHIBITORS OF THE MIR-15 FAMILY OF MICRO-RNAS**

[54] **INHIBITEURS DE LA FAMILLE MIR-15 DE MICRO-ARN**

[72] VAN ROOIJ, EVA, US  
[72] DALBY, CHRISTINA, US  
[72] SETO, ANITA, US  
[71] MIRAGEN THERAPEUTICS, INC., US  
[85] 2014-12-08  
[86] 2013-06-21 (PCT/US2013/046960)  
[87] (WO2013/192486)  
[30] US (61/662,772) 2012-06-21  
[30] US (61/780,352) 2013-03-13

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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01) H04W 88/04 (2009.01) H04W 92/02 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR AUTHENTICATING MOBILE DEVICES AT AN INCIDENT VIA COLLABORATION**

[54] **SYSTEMES ET PROCEDE D'AUTHENTIFICATION DE DISPOSITIFS MOBILES LORS D'UN INCIDENT PAR L'INTERMEDIAIRE D'UNE COLLABORATION**

[72] KLEIN, DAVID E., US  
[72] BLANCO, ALEJANDRO G., US  
[71] MOTOROLA SOLUTIONS, INC., US  
[85] 2014-12-04  
[86] 2013-05-16 (PCT/US2013/041311)  
[87] (WO2013/188043)  
[30] US (13/517,703) 2012-06-14

[21] **2,876,107**  
[13] A1

[51] **Int.Cl. A61M 39/22 (2006.01) A61M 5/14 (2006.01)**

[25] EN

[54] **RADIOPHARMACEUTICAL DELIVERY DEVICE**

[54] **DISPOSITIF D'ADMINISTRATION DE PRODUIT RADIOPHARMACEUTIQUE**

[72] KAINZ, RYAN, US  
[72] BAZALA, JASON L., US  
[72] DESCALZI, DOUGLAS, US  
[72] GRIFFITH, SCOTT R., US  
[72] FAZI, BRUNO, US  
[72] MARSH, CHARLES, US  
[72] AGAMAITE, JAMES A., US  
[72] SASS, MATTHEW, US  
[72] BENSON, CARL MICHAEL, US  
[72] BEALE, MATTHEW, US  
[72] SOUTHARD, COURTNEY, US  
[71] BAYER MEDICAL CARE INC., US  
[85] 2014-12-08  
[86] 2013-06-04 (PCT/US2013/044038)  
[87] (WO2013/184642)  
[30] US (61/656,716) 2012-06-07  
[30] US (13/828,987) 2013-03-14

[21] **2,876,108**  
[13] A1

[51] **Int.Cl. C13K 1/02 (2006.01) B01J 3/00 (2006.01) B09B 3/00 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)**

[25] EN

[54] **BIOMASS HYDROTHERMAL DECOMPOSITION SYSTEM, SACCHARIDE SOLUTION PRODUCTION METHOD USING BIOMASS RAW MATERIAL, AND ALCOHOL PRODUCTION METHOD USING BIOMASS RAW MATERIAL**

[54] **SYSTEME DE DECOMPOSITION HYDROTHERMIQUE DE BIOMASSE, PROCEDE DE PRODUCTION DE SOLUTION DE SUCRE UTILISANT DE LA MATIERE DE DEPART BIOMASSE ET PROCEDE DE PRODUCTION D'ALCOOL UTILISANT DE LA MATIERE DE DEPART BIOMASSE**

[72] GENTA, MINORU, JP  
[72] TERAKURA, SEIICHI, JP  
[72] UEHARA, RYOSUKE, JP  
[72] KOBAYASHI, SEIJI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD., JP  
[85] 2014-12-09  
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[21] **2,876,109**  
[13] A1

[51] **Int.Cl. A45D 34/04 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **MICRONEEDLES COMPRISING ONE OR MORE COSMETIC INGREDIENTS**

[54] **MICRO-AIGUILLES COMPORTANT UN OU PLUSIEURS INGREDIENTS COSMETIQUES**

[72] COHEN, ISAAC DAVID, US  
[72] BRATESCU, DANIELA, US  
[72] KNIGHT, E. ALTHEA, US  
[72] MAMMONE, THOMAS, US  
[71] ELC MANAGEMENT LLC, US  
[85] 2014-12-08  
[86] 2013-06-21 (PCT/US2013/047071)  
[87] (WO2014/004301)  
[30] US (61/665,972) 2012-06-29

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[21] **2,876,111**  
[13] A1

[51] **Int.Cl. A01K 1/02 (2006.01) A01K 29/00 (2006.01)**

[25] EN

[54] **SYSTEMS FOR DETERMINING ANIMAL METRICS AND RELATED DEVICES AND METHODS**

[54] **SYSTEMES POUR DETERMINER DES METRIQUES D'ANIMAL ET DISPOSITIFS ET PROCEDES CORRESPONDANTS**

[72] SPICOLA, JOSEPH A., JR., US

[71] CLICRWEIGHT, LLC, US

[85] 2014-12-04

[86] 2013-05-16 (PCT/US2013/041366)

[87] (WO2013/184321)

[30] US (61/655,303) 2012-06-04

[30] US (61/656,057) 2012-06-06

[30] US (61/751,528) 2013-01-11

[30] US (13/832,109) 2013-03-15

[30] US (13/832,186) 2013-03-15

[21] **2,876,112**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/01 (2006.01)**

[25] EN

[54] **MOBILE USER INTERFACE FOR CONTEXTUAL BROWSING WHILE PLAYING DIGITAL CONTENT**

[54] **INTERFACE D'USAGER MOBILE POUR EXECUTER UNE NAVIGATION CONTEXTUELLE PENDANT QU'UN CONTENU NUMERIQUE EST LU**

[72] CIURDAR, HORIA STEFAN, US

[72] SVAROVSKY, JAN, US

[72] JONES, TIMOTHY CHARLES, US

[71] GOOGLE INC., US

[85] 2014-12-08

[86] 2013-06-05 (PCT/US2013/044341)

[87] (WO2013/184823)

[30] US (13/490,246) 2012-06-06

[21] **2,876,113**  
[13] A1

[51] **Int.Cl. B67D 1/16 (2006.01) A47K 5/12 (2006.01) B67D 3/00 (2006.01)**

[25] EN

[54] **LIQUID DISPENSING SYSTEM**

[54] **SYSTEME DE DISTRIBUTION DE LIQUIDE**

[72] WEAVER, KERRY LLOYD, US

[72] ZINK, KYLE, VINCENT, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-12-08

[86] 2013-06-20 (PCT/US2013/046697)

[87] (WO2013/192369)

[30] US (13/529,646) 2012-06-21

[21] **2,876,114**  
[13] A1

[51] **Int.Cl. C12P 19/14 (2006.01) C12P 1/00 (2006.01) C12P 7/10 (2006.01) C13K 1/04 (2006.01) C12P 7/56 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SUGAR SOLUTION**

[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION SUCREE**

[72] MINAMINO, ATSUSHI, JP

[72] KURIHARA, HIROYUKI, JP

[72] YAMADA, KATSUSHIGE, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2014-12-09

[86] 2013-06-11 (PCT/JP2013/066014)

[87] (WO2013/187385)

[30] JP (2012-132729) 2012-06-12

[21] **2,876,115**  
[13] A1

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

[25] EN

[54] **METHYLATION BIOMARKERS FOR PROSTATE CANCER**

[54] **BIOMARQUEURS DE METHYLATION POUR LE CANCER DE LA PROSTATE**

[72] BAJIC, VLADIMIR, SA

[72] MANSOUR, HICHAM, SA

[72] INCITTI, ROBERTO, SA

[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA

[85] 2014-12-09

[86] 2013-06-11 (PCT/IB2013/001887)

[87] (WO2013/186633)

[30] US (61/659,236) 2012-06-13

[21] **2,876,116**  
[13] A1

[51] **Int.Cl. A61M 5/158 (2006.01) A61M 25/06 (2006.01)**

[25] EN

[54] **PUNCTURE NEEDLE**

[54] **AIGUILLE DE PONCTION**

[72] SHINZATO, TORU, JP

[72] MIWA, MASAMIKI, JP

[72] MARUYAMA, YASUYO, JP

[72] SASAKI, MASATOMI, JP

[71] ASAHI KASEI MEDICAL CO., LTD., JP

[71] NEXTIER CORPORATION, JP

[85] 2014-12-09

[86] 2013-06-13 (PCT/JP2013/066380)

[87] (WO2013/187483)

[30] JP (2012-134902) 2012-06-14

[21] **2,876,117**  
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) D21H 27/02 (2006.01)**

[25] EN

[54] **EMBOSSED FIBROUS STRUCTURES**

[54] **STRUCTURES FIBREUSES GAUFREES**

[72] ESPINOSA, STACEY ANN, US

[72] SANDERS, CATHY MARIE, US

[72] FELDMANN, NAKOMI LEE, US

[72] ROBERTS, ANGELA MICHELLE, US

[72] LOPEZ FERNANDEZ, MARION JANET, US

[72] SHEEHAN, JEFFREY GLEN, US

[72] POLI, KATHERINE HOPE, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-12-08

[86] 2013-06-06 (PCT/US2013/044498)

[87] (WO2013/184909)

[30] US (61/657,395) 2012-06-08

[21] **2,876,119**  
[13] A1

[51] **Int.Cl. A01H 4/00 (2006.01) A01H 5/04 (2006.01) A01H 5/06 (2006.01)**

[25] EN

[54] **PLANT PROPAGATION**

[54] **PROPAGATION DE PLANTE**

[72] CARVER, PAUL ADRIAN, GB

[72] TIESSEN, DEAN WILLIAM, GB

[71] NEW ENERGY FARMS LIMITED, CA

[85] 2014-12-09

[86] 2013-06-12 (PCT/GB2013/051543)

[87] (WO2013/186558)

[30] GB (1210374.3) 2012-06-12

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[21] **2,876,120**  
[13] A1

[51] **Int.Cl. A45D 34/04 (2006.01) A61M 37/00 (2006.01)**  
[25] EN  
[54] **DISSOLVABLE MICRONEEDLES COMPRISING ONE OR MORE ENCAPSULATED COSMETIC INGREDIENTS**  
[54] **MICROAIGUILLES SOLUBLES COMPRENANT UN OU PLUSIEURS INGREDIENTS COSMETIQUES ENCAPSULES**  
[72] COHEN, ISAAC DAVID, US  
[72] BRATESCU, DANIELA, US  
[72] KNIGHT, E. ALTHEA, US  
[72] MAMMONE, THOMAS, US  
[71] ELC MANAGEMENT LLC, US  
[85] 2014-12-08  
[86] 2013-06-21 (PCT/US2013/047119)  
[87] (WO2014/004317)  
[30] US (61/665,974) 2012-06-29

[21] **2,876,123**  
[13] A1

[51] **Int.Cl. B32B 37/00 (2006.01) B05C 1/12 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 13/14 (2006.01)**  
[25] EN  
[54] **CONSTRUCTION OF BOUND FIBROUS MATS**  
[54] **SYSTEME ET PROCEDE D'ELABORATION DE NAPPES FIBREUSES LIEES**  
[72] HAUBER, ROBERT J., US  
[72] BOYDSTON, GERALD D., US  
[71] CERTAINTED GYPSUM, INC., US  
[85] 2014-12-08  
[86] 2013-06-07 (PCT/US2013/044630)  
[87] (WO2013/184982)  
[30] US (13/491,746) 2012-06-08

[21] **2,876,125**  
[13] A1

[51] **Int.Cl. C09D 7/04 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01)**  
[25] EN  
[54] **COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT**  
[72] LI, XIANGUO, CA  
[72] WANG, YONGXIN, CA  
[71] WATEVER INC., CA  
[85] 2014-12-08  
[86] 2013-03-15 (PCT/CA2013/000254)  
[87] (WO2013/188947)  
[30] US (61/661,433) 2012-06-19

[21] **2,876,126**  
[13] A1

[51] **Int.Cl. E03C 1/04 (2006.01)**  
[25] FR  
[54] **MODULAR CONSTRUCTION FOR ELECTRONIC TAP**  
[54] **CONSTRUCTION MODULAIRE POUR ROBINET ELECTRONIQUE**  
[72] BIJU DUVAL, REMI, FR  
[71] LES ROBINETS PRESTO, FR  
[85] 2014-12-09  
[86] 2013-05-29 (PCT/FR2013/000135)  
[87] (WO2014/001654)  
[30] FR (1201847) 2012-06-29

[21] **2,876,127**  
[13] A1

[51] **Int.Cl. G01Q 30/02 (2010.01) G01Q 70/02 (2010.01) G01B 21/26 (2006.01) G01N 3/04 (2006.01) G01N 19/02 (2006.01) G01Q 30/18 (2010.01) B82Y 35/00 (2011.01)**  
[25] EN  
[54] **MOUNTING SYSTEMS FOR A SURFACE FORCES APPARATUS**  
[54] **SYSTEMES DE MONTAGE DESTINES A UN APPAREIL A FORCES DE SURFACE**  
[72] ISRAELACHVILI, JACOB, US  
[71] ISRAELACHVILI, JACOB, US  
[85] 2014-12-09  
[86] 2013-06-10 (PCT/IB2013/001219)  
[87] (WO2013/186622)  
[30] US (13/493,954) 2012-06-11  
[30] US (13/681,908) 2012-11-20  
[30] US (13/681,898) 2012-11-20

[21] **2,876,129**  
[13] A1

[51] **Int.Cl. A61N 7/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**  
[25] EN  
[54] **NEURONAVIGATION-GUIDED FOCUSED ULTRASOUND SYSTEM AND METHOD THEREOF**  
[54] **SYSTEME ULTRASONIQUE FOCALISE GUIDE PAR NEURONAVIGATION ET PROCEDE CORRESPONDANT**  
[72] LIU, HAO-LI, TW  
[72] TSAI, HONG-CHIEH, TW  
[72] LU, YU-JEN, TW  
[72] WEI, KOU-CHEN, TW  
[71] CHANG GUNG UNIVERSITY, TW  
[71] DCB-USA LLC, US  
[85] 2014-12-08  
[86] 2013-06-07 (PCT/US2013/044647)  
[87] (WO2013/184993)  
[30] CN (201210190164.6) 2012-06-08

[21] **2,876,130**  
[13] A1

[51] **Int.Cl. G06T 17/00 (2006.01) A63F 13/00 (2014.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUGMENTED REALITY GAMING**  
[54] **SYSTEME ET PROCEDE DE JEU EN REALITE AUGMENTEE**  
[72] LYONS, MARTIN S., US  
[72] JACKSON, BRETT, US  
[72] ANG, RODERICK, US  
[72] HEDRICK, RANDY, US  
[71] BALLY GAMING, INC., US  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/IB2013/001919)  
[87] (WO2013/186636)  
[30] US (61/659,966) 2012-06-14

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[21] **2,876,132**  
[13] A1

[51] **Int.Cl. C22C 1/08 (2006.01)**  
[25] FR  
[54] **METHOD FOR PRODUCING AN ALUMINIUM ALLOY FOAM BY MOULDING**  
[54] **PROCEDE DE FABRICATION PAR MOULAGE D'UNE MOUSSE EN ALLIAGE D'ALUMINIUM.**  
[72] MAFFEIS, MICHEL, FR  
[72] TRINCAT, FRANCOIS, FR  
[71] CONSTELLIUM FRANCE, FR  
[85] 2014-12-09  
[86] 2013-06-20 (PCT/FR2013/000156)  
[87] (WO2014/001657)  
[30] FR (12/01846) 2012-06-29

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[21] **2,876,138**  
[13] A1

[51] **Int.Cl. A61K 39/095 (2006.01)**  
[25] EN  
[54] **VACCINES FOR SEROGROUP X MENINGOCOCCUS**  
[54] **VACCINS CONTRE LE MENINGOCOQUE DE SEROGRUPE X**  
[72] PIZZA, MARIAGRAZIA, IT  
[72] DULL, PETER, US  
[72] GIULIANI, MARZIA MONICA, IT  
[72] TAHA, MUHAMED-KHEIR, FR  
[72] HONG, EVA, FR  
[72] DEGHMANE, ALA-EDDINE, FR  
[71] NOVARTIS AG, CH  
[71] INSTITUT PASTEUR, FR  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/IB2013/054886)  
[87] (WO2013/186753)  
[30] US (61/659,595) 2012-06-14

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[21] **2,876,140**  
[13] A1

[51] **Int.Cl. A61B 5/1455 (2006.01) A61B 5/00 (2006.01) A61B 5/05 (2006.01) A61B 6/00 (2006.01) A61M 1/14 (2006.01) A61M 1/28 (2006.01) A61M 5/142 (2006.01) G01N 21/35 (2014.01)**  
[25] EN  
[54] **SYSTEM AND METHOD OF MONITORING AND CONTROL OF ULTRAFILTRATION VOLUME DURING PERITONEAL DIALYSIS USING SEGMENTAL BIOIMPEDANCE**  
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET DE COMMANDE DU VOLUME D'ULTRAFILTRATION PENDANT UNE DIALYSE PERITONEALE A L'AIDE D'UNE BIO-IMPEDANCE SEGMENTAIRE**  
[72] ZHU, FANSAN, US  
[72] LEVIN, NATHAN W., US  
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US  
[85] 2014-12-08  
[86] 2013-06-07 (PCT/US2013/044795)  
[87] (WO2013/185080)  
[30] US (61/657,271) 2012-06-08

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[21] **2,876,141**  
[13] A1

[51] **Int.Cl. A23N 15/02 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR SEPARATING AGRICULTURAL PRODUCTS**  
[54] **APPAREIL DE SEPARATION DE PRODUITS AGRICOLES**  
[72] BENEDETTI, LUCA, IT  
[71] UNITEC S.P.A., IT  
[85] 2014-12-09  
[86] 2013-05-23 (PCT/IB2013/054267)  
[87] (WO2014/009820)  
[30] IT (PN2012A000041) 2012-07-09

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[21] **2,876,142**  
[13] A1

[51] **Int.Cl. F23J 1/02 (2006.01) B65G 21/20 (2006.01) F27D 15/02 (2006.01)**  
[25] EN  
[54] **PLANT FOR DRY CONVEYING OF SLAG AND / OR HETEROGENOUS MATERIALS**  
[54] **INSTALLATION POUR TRANSPORT A SEC DE SCORIES ET/OU DE MATERIAUX HETEROGENES**  
[72] MAGALDI, MARIO, IT  
[71] MAGALDI INDUSTRIE S.R.L., IT  
[85] 2014-12-09  
[86] 2013-07-19 (PCT/IB2013/055942)  
[87] (WO2014/013472)  
[30] IT (RM2012A000351) 2012-07-20

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[21] **2,876,143**  
[13] A1

[51] **Int.Cl. C12N 5/078 (2010.01) A61K 39/00 (2006.01) A61P 37/02 (2006.01) G01N 33/531 (2006.01) G01N 33/554 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS, METHODS AND DEVICES FOR ACTIVATING AN IMMUNE RESPONSE**  
[54] **COMPOSITIONS, PROCEDES ET DISPOSITIFS POUR L'ACTIVATION D'UNE REPOSE IMMUNITAIRE**  
[72] VASCONCELLOS, ALFRED V., US  
[72] MEDEIROS, JOLEEN M., US  
[71] INCYTU, INC., US  
[85] 2014-12-04  
[86] 2013-06-13 (PCT/US2013/045728)  
[87] (WO2013/188699)  
[30] US (61/659,355) 2012-06-13

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[21] **2,876,146**  
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01)**  
[25] EN  
[54] **COMPOSITION, SYSTEM AND METHOD FOR PREVENTING FORMATION OF FROZEN WATER OR FOR CAUSING THE SAME TO MELT**  
[54] **COMPOSITION, SYSTEME ET PROCEDE POUR EMPECHER LA FORMATION D'EAU GELEE OU POUR AMENER CELLE-CI A FONDRE**  
[72] MCCONNELL, ALISTAIR, GB  
[71] ESSECO UK LIMITED, GB  
[85] 2014-12-09  
[86] 2013-06-24 (PCT/GB2013/051646)  
[87] (WO2013/190331)  
[30] GB (1211059.9) 2012-06-22

[21] **2,876,147**  
[13] A1

[51] **Int.Cl. F01D 5/16 (2006.01) F01D 5/22 (2006.01) F01D 25/06 (2006.01)**  
[25] EN  
[54] **AEROFOIL ARRAY FOR A GAS TURBINE WITH ANTI FLUTTERING MEANS**  
[54] **ENSEMBLE D'AILETTES POUR UNE TURBINE A GAZ EQUIPEE DE MOYENS ANTI-FLOTTEMENT**  
[72] CALZA, PAOLO, IT  
[72] USSEGLIO, MATTEO, IT  
[71] GE AVIO S.R.L., IT  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/IB2013/054892)  
[87] (WO2013/186756)  
[30] IT (TO2012A000517) 2012-06-14

[21] **2,876,148**  
[13] A1

[51] **Int.Cl. C07C 271/16 (2006.01) A61K 47/16 (2006.01) A61K 47/18 (2006.01) A61K 47/22 (2006.01) C07C 235/08 (2006.01) C07C 237/08 (2006.01) C07C 317/44 (2006.01) C07C 321/14 (2006.01) C07C 333/04 (2006.01) C07D 207/16 (2006.01) C07D 333/40 (2006.01)**  
[25] EN  
[54] **LIPIDS FOR THERAPEUTIC AGENT DELIVERY FORMULATIONS**  
[54] **LIPIDES POUR DES FORMULATIONS D'ADMINISTRATION D'AGENT THERAPEUTIQUE**  
[72] PAYNE, JOSEPH E., US  
[72] GAUDETTE, JOHN A., US  
[72] HOU, ZHENG, US  
[72] AHMADIAN, MOHAMMAD, US  
[72] YU, LEI, US  
[72] KNOPOV, VICTOR, US  
[72] AKOPIAN, VIOLETTA, US  
[72] KARMALI, PRIYA, US  
[72] WITTE, RICHARD P., US  
[72] SAFARZADEH, NEDA, US  
[72] YING, WENBIN, US  
[71] ZHANG, JUN, US  
[71] NITTO DENKO CORPORATION, JP  
[85] 2014-12-08  
[86] 2013-06-07 (PCT/US2013/044849)  
[87] (WO2013/185116)  
[30] US (61/657,480) 2012-06-08

[21] **2,876,149**  
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01)**  
[25] EN  
[54] **DE-ICER AND/OR ANTI-ICER COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS DE DEVERGLASSAGE ET/OU ANTIVERGLAS ET PROCEDES ASSOCIES**  
[72] MCCONNELL, ALISTAIR, GB  
[71] ESSECO UK LIMITED, GB  
[85] 2014-12-09  
[86] 2013-06-24 (PCT/GB2013/051647)  
[87] (WO2013/190332)  
[30] GB (1211060.7) 2012-06-22  
[30] GB (1211995.4) 2012-07-05

[21] **2,876,151**  
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01) C09D 7/12 (2006.01) C09D 183/00 (2006.01)**  
[25] EN  
[54] **SELF-CLEANING COATINGS AND METHODS FOR MAKING SAME**  
[54] **REVETEMENTS AUTONETTOYANTS ET LEURS PROCEDES DE FABRICATION**  
[72] CURRAN, SEAMUS, US  
[72] LIAO, KANG-SHYANG, US  
[72] BARTON, KILLIAN, US  
[71] UNIVERSITY OF HOUSTON, US  
[85] 2014-12-08  
[86] 2013-06-10 (PCT/US2013/044913)  
[87] (WO2014/039130)  
[30] US (61/657,152) 2012-06-08  
[30] US (61/667,203) 2012-07-02

[21] **2,876,152**  
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01) C12Q 1/68 (2006.01)**  
[25] FR  
[54] **METHOD FOR QUANTIFYING DIFFERENT VIRAL FORMS OF THE DNA OF THE HIV VIRUS**  
[54] **METHODE DE QUANTIFICATION DES DIFFERENTES FORMES VIRALES DE L'ADN DU VIH**  
[72] MUNIR, SOUNDASSE, FR  
[72] THIERRY, SYLVAIN, FR  
[72] SUBRA, FREDERIC, FR  
[72] DEPREZ, ERIC, FR  
[72] DELELIS, OLIVIER, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] ECOLE NORMALE SUPERIEURE DE CACHAN, FR  
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR  
[85] 2014-12-09  
[86] 2013-06-12 (PCT/IB2013/054809)  
[87] (WO2013/186718)  
[30] FR (12 55489) 2012-06-12

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[21] **2,876,153**  
[13] A1

[51] **Int.Cl. B01J 23/42 (2006.01) B01J 21/06 (2006.01) B01J 23/44 (2006.01) B01J 23/52 (2006.01) B01J 35/10 (2006.01) C07C 51/235 (2006.01) C07C 55/14 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCTION OF ADIPIC ACID FROM 1,6-HEXANEDIOL**

[54] **PROCEDE DE FABRICATION D'ACIDE ADIPIQUE A PARTIR DE 1,6-HEXANEDIOL**

[72] DIAS, ERIC L., US

[72] MURPHY, VINCENT J., US

[72] SHOEMAKER, JAMES A.W., US

[71] RENNOVIA, INC., US

[85] 2014-12-08

[86] 2013-06-11 (PCT/US2013/045096)

[87] (WO2013/188348)

[30] US (61/658,364) 2012-06-11

[21] **2,876,154**  
[13] A1

[51] **Int.Cl. H01H 13/04 (2006.01)**

[25] EN

[54] **MEDIUM OR HIGH VOLTAGE SWITCH BUSHING**

[54] **TRAVERSEE DE COMMULATEUR MOYENNE OU HAUTE TENSION**

[72] GEROVAC, JOSEPH P., US

[72] TRASKA, ROBERT A., US

[71] HUBBELL INCORPORATED, US

[85] 2014-12-09

[86] 2012-06-12 (PCT/US2012/042077)

[87] (WO2013/187886)

[21] **2,876,156**  
[13] A1

[51] **Int.Cl. D06F 35/00 (2006.01) D06F 43/00 (2006.01) D06F 43/02 (2006.01)**

[25] EN

[54] **MACHINE AND METHOD FOR CLEANING FABRICS OR THE LIKE**

[54] **MACHINE ET PROCEDE DE NETTOYAGE D'ETOFFES OU SIMILAIRES**

[72] CUPPINI, GABRIELE, IT

[72] NUZZO, FULVIO, IT

[71] F.M.B. FABBRICA MACCHINE BOLOGNA S.P.A., IT

[85] 2014-12-09

[86] 2013-07-17 (PCT/IB2013/055864)

[87] (WO2014/020474)

[30] IT (BO2012A000418) 2012-07-31

[21] **2,876,157**  
[13] A1

[51] **Int.Cl. C07D 207/44 (2006.01) A61K 31/4412 (2006.01) A61P 31/04 (2006.01) C07D 213/69 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01) C07D 405/06 (2006.01) C07D 409/06 (2006.01) C07D 417/06 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **ANTIMICROBIAL COMPOUNDS**

[54] **COMPOSES ANTIMICROBIENS**

[72] MOLONEY, MARK, GB

[72] JEONG, YONG-CHU, GB

[71] ISIS INNOVATION LIMITED, GB

[85] 2014-12-09

[86] 2013-06-24 (PCT/GB2013/051657)

[87] (WO2014/001775)

[30] GB (1211203.3) 2012-06-25

[21] **2,876,158**  
[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/424 (2006.01) A61K 31/429 (2006.01) A61P 31/00 (2006.01) C07D 513/04 (2006.01)**

[25] EN

[54] **ANTIMICROBIAL COMPOUNDS**

[54] **COMPOSES ANTIMICROBIENS**

[72] MOLONEY, MARK, GB

[72] JEONG, YONG-CHU, GB

[71] ISIS INNOVATION LIMITED, GB

[85] 2014-12-09

[86] 2013-06-25 (PCT/GB2013/051669)

[87] (WO2014/001782)

[30] GB (1211202.5) 2012-06-25

[21] **2,876,160**  
[13] A1

[51] **Int.Cl. D02G 1/02 (2006.01) D03D 11/00 (2006.01) D03D 15/00 (2006.01) D04B 1/00 (2006.01) D04B 1/16 (2006.01)**

[25] EN

[54] **FALSE-TWISTED LOW-FUSED POLYESTER YARN AND MULTILAYER-STRUCTURE WOVEN OR KNITTED FABRIC**

[54] **FIL DE POLYESTER A FAUSSE TORSION ET A FAIBLE POINT DE FUSION ET ARTICLE TISSE ET TRICOTE A STRUCTURE MULTI-COUCHE**

[72] DATE, HIROAKI, JP

[72] ODA, NAOKI, JP

[72] ITO, TOMOKO, JP

[72] NISHIYA, KOUJI, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2014-12-09

[86] 2013-06-21 (PCT/JP2013/067128)

[87] (WO2013/191284)

[30] JP (2012-140898) 2012-06-22

[21] **2,876,161**  
[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01) E21B 49/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PULSE TESTING A FORMATION**

[54] **APPAREIL ET PROCEDE POUR REALISER UN ESSAI PAR IMPULSIONS SUR UNE FORMATION**

[72] CHEN, DINGDING, US

[72] PROETT, MARK A., US

[72] JONES, CHRISTOPHER MICHAEL, US

[72] HADIBEIK, ABDOLHAMID, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-09

[86] 2012-06-13 (PCT/US2012/042238)

[87] (WO2013/187890)

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[21] **2,876,163**  
[13] A1

[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **HIGH WATER CONTENT ORAL COMPOSITIONS COMPRISING MICROCRYSTALLINE CELLULOSE AND CARBOXYMETHYLCELLULOSE**

[54] **COMPOSITIONS ORALES A TENEUR EN EAU ELEVEE COMPRENANT DE LA CELLULOSE MICROCRYSTALLINE ET DE LA CARBOXYMETHYLCELLULOSE**

[72] MELLO, SARITA, US  
[72] PRENCIPE, MICHAEL, US  
[72] FISHER, STEVE, US  
[72] LAMBERT, PIERRE, BE  
[72] DELVENNE, JEAN-PAUL, BE  
[72] VOGT, ROBERT, US  
[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2014-12-09  
[86] 2012-06-29 (PCT/US2012/044832)  
[87] (WO2014/003776)

[21] **2,876,164**  
[13] A1

[51] **Int.Cl. B01J 20/02 (2006.01) B01D 53/02 (2006.01) B01J 20/20 (2006.01) B01J 20/30 (2006.01) B01J 35/00 (2006.01)**

[25] EN

[54] **MAGNETIC ADSORBENTS, METHODS FOR MANUFACTURING A MAGNETIC ADSORBENT, AND METHODS OF REMOVAL OF CONTAMINANTS FROM FLUID STREAMS**

[54] **ADSORBANTS MAGNETIQUES, PROCEDES POUR FABRIQUER UN ADSORBANT MAGNETIQUE, ET PROCEDES D'ELIMINATION DE CONTAMINANTS DE FLUX DE FLUIDE**

[72] MAZYCK, DAVID W., US  
[72] BYRNE, HEATHER, US  
[72] KHAN, AMEENA, US  
[71] CARBONXT GROUP LTD., AU

[85] 2014-12-09  
[86] 2013-02-20 (PCT/US2013/026863)  
[87] (WO2013/187940)  
[30] US (61/660,475) 2012-06-15

[21] **2,876,165**  
[13] A1

[51] **Int.Cl. C07H 21/00 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **PARTICLE-NUCLEIC ACID CONJUGATES AND THERAPEUTIC USES RELATED THERETO**

[54] **CONJUGUES PARTICULE-ACIDE NUCLEIQUE ET UTILISATIONS THERAPEUTIQUES ASSOCIEES**

[72] YEHL, KEVIN, US  
[72] KHALID, SALAITA, US  
[71] EMORY UNIVERSITY, US

[85] 2014-12-09  
[86] 2013-02-27 (PCT/US2013/027843)  
[87] (WO2014/003830)  
[30] US (61/663,933) 2012-06-25

[21] **2,876,166**  
[13] A1

[51] **Int.Cl. E21B 29/06 (2006.01) E21B 7/08 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MANAGING MILLING DEBRIS**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE GERER DES DEBRIS DE BROYAGE**

[72] SAURER, DAN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-09  
[86] 2012-07-11 (PCT/US2012/046183)  
[87] (WO2014/011162)

[21] **2,876,168**  
[13] A1

[51] **Int.Cl. H02G 15/00 (2006.01)**

[25] EN

[54] **INLET FUNNEL FOR CABLE TERMINAL**

[54] **ENTONNOIR D'ENTREE DESTINE A UNE COSSE DE CABLE**

[72] MA, QINGQIANG, CN  
[72] LIU, HUAWEI, CN  
[72] GUO, GAOFEI, CN  
[72] XU, ZHIGANG, CN  
[72] YANG, JINQUAN, CN  
[72] HUANG, ZHENG, CN  
[72] MA, JIANGJIANG, CN  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2014-12-09  
[86] 2013-03-06 (PCT/US2013/029330)  
[87] (WO2014/003833)  
[30] CN (201220304038.4) 2012-06-26

[21] **2,876,169**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/714 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **METHODS OF PREVENTING OR TREATING DISEASE STATES RELATED TO CERTAIN METABOLIC ABNORMALITIES**

[54] **PROCEDE DE PREVENTION OU DE TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A CERTAINES ANOMALIES METABOLIQUES**

[72] SMITH, STEPHEN ALBERT LONNIE, US

[72] BARRINGER, JEFFREY LYNN, US  
[72] BROWN, CRAIG JAY, US  
[72] SANCHEZ, GILBERTO, US  
[72] OTT, STEPHANIE MICHELLE, US  
[72] BUELL, BRIAN, US  
[71] GLOBAL HEALTHCARE FOCUS, LLC, US

[85] 2014-12-09  
[86] 2012-06-20 (PCT/US2012/043328)  
[87] (WO2012/177746)  
[30] US (61/499,393) 2011-06-21

[21] **2,876,171**  
[13] A1

[51] **Int.Cl. A61F 13/66 (2006.01) A41B 9/02 (2006.01) A61F 13/471 (2006.01) A61F 13/49 (2006.01) A61F 13/505 (2006.01)**

[25] EN

[54] **MEN'S BRIEFS WITH SEPARATE SPACE FOR PENIS COMPRISING REMOVABLE INCONTINENCE ABSORBENT RECEPTACLE**

[54] **SLIPS POUR HOMMES AVEC ESPACE SEPRE POUR LE PENIS COMPRENANT UN RECEPTACLE ABSORBANT AMOVIBLE POUR L'INCONTINENCE**

[72] DELIJA, FRANE, HR  
[71] DELIJA, FRANE, HR

[85] 2014-12-09  
[86] 2012-06-12 (PCT/HR2012/000014)  
[87] (WO2013/186577)

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[21] **2,876,172**  
[13] A1

[51] **Int.Cl. A01K 67/027 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **HUMANIZED NON-HUMAN ANIMALS WITH RESTRICTED IMMUNOGLOBULIN HEAVY CHAIN LOCI**

[54] **ANIMAUX NON HUMAINS HUMANISES AVEC LOCUS LIMITES DE CHAINE LOURDE D'IMMUNOGLOBULINE**

[72] MACDONALD, LYNN, US  
[72] MCWHIRTER, JOHN, US  
[72] TU, NAXIN, US  
[72] STEVENS, SEAN, US  
[72] MURPHY, ANDREW J., US  
[71] REGENERON PHARMACEUTICALS, INC., US

[85] 2014-12-09  
[86] 2013-03-07 (PCT/US2013/029624)  
[87] (WO2013/187953)  
[30] US (61/658,466) 2012-06-12  
[30] US (61/663,131) 2012-06-22

[21] **2,876,173**  
[13] A1

[51] **Int.Cl. A01F 7/06 (2006.01)**

[25] EN

[54] **SEPARABLY-DRIVEN ROTOR PORTIONS AND ASSOCIATED METHOD FOR THRESHING GRAIN**

[54] **PARTIES DE ROTOR ENTRAINEES SEPAREMENT ET PROCEDE ASSOCIE POUR BATTRE DU GRAIN**

[72] JOHNSON, DAVID L., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US

[85] 2014-12-08  
[86] 2013-06-11 (PCT/US2013/045172)  
[87] (WO2013/188398)  
[30] US (61/659,208) 2012-06-13  
[30] US (61/775,144) 2013-03-08

[21] **2,876,174**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **CROSS-DEVICE OFFERS PLATFORM**

[54] **PLATEFORME D'OFFRES INTER-DISPOSITIFS**

[72] FAITH, JOHN NEWMAN, US  
[72] BATH, JAGJIT SINGH, US  
[72] ZILKHA, EITHAN, US  
[71] RETAILMENOT, INC., US

[85] 2014-12-09  
[86] 2013-06-11 (PCT/US2013/045132)  
[87] (WO2013/188370)  
[30] US (61/658,404) 2012-06-11  
[30] US (61/658,387) 2012-06-11  
[30] US (61/658,408) 2012-06-12  
[30] US (61/665,740) 2012-06-28  
[30] US (61/707,527) 2012-09-28  
[30] US (13/836,110) 2013-03-15

[21] **2,876,175**  
[13] A1

[51] **Int.Cl. B08B 3/08 (2006.01) C11D 3/18 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **BIODIESEL EMULSION FOR CLEANING BITUMINOUS COATED EQUIPMENT**

[54] **EMULSION DE BIODIESEL POUR NETTOYER UN EQUIPEMENT COUVERT DE BITUME**

[72] REINKE, GERALD, US  
[72] BAUMAGARDNER, GAYLON, US  
[72] CRAMER, DAVID, US  
[71] A.L.M. HOLDING COMPANY, US  
[71] ERGON ASPHALT & EMULSIONS, INC., US

[85] 2014-12-05  
[86] 2013-06-05 (PCT/US2013/044220)  
[87] (WO2013/184746)  
[30] US (61/657,268) 2012-06-08

[21] **2,876,176**  
[13] A1

[51] **Int.Cl. B65G 13/11 (2006.01) B65G 13/07 (2006.01) B65G 39/12 (2006.01)**

[25] EN

[54] **ROLLER-WAY CONVEYOR**

[54] **TRANSPORTEUR DE TYPE CONVOYEUR A ROULEAUX**

[72] SPECHT, DIETER, CH  
[71] D'ARTECON SAGL, CH

[85] 2014-12-09  
[86] 2013-06-06 (PCT/IB2013/001177)  
[87] (WO2013/182888)  
[30] IT (RM2012A000264) 2012-06-07

[21] **2,876,177**  
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 2/52 (2006.01) A61K 31/045 (2006.01) A61K 31/205 (2006.01) A61K 31/22 (2006.01) A61K 31/4164 (2006.01) A61K 31/66 (2006.01) A61K 31/695 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASE AND THROMBOSIS**

[54] **TRAITEMENT ET PREVENTION D'UNE MALADIE CARDIOVASCULAIRE ET DE LA THROMBOSE**

[72] HAZEN, STANLEY L., US  
[72] LEVISON, BRUCE, US  
[72] WANG, ZENENG, US  
[71] THE CLEVELAND CLINIC FOUNDATION, US

[85] 2014-12-09  
[86] 2013-06-11 (PCT/US2013/045197)  
[87] (WO2013/188417)  
[30] US (61/658,208) 2012-06-11

[21] **2,876,178**  
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **RECOMBINANT MICROORGANISMS MAKE BIODIESEL**

[54] **MICROORGANISMES RECOMBINANTS PRODUISANT DU BIODIESEL**

[72] LIEW, FUNGMIN, NZ  
[72] KOEPKE, MICHAEL, NZ  
[71] LANZATECH NEW ZEALAND LIMITED, NZ

[85] 2014-12-09  
[86] 2013-06-21 (PCT/NZ2013/000108)  
[87] (WO2013/191567)  
[30] US (61/662,467) 2012-06-21

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[21] **2,876,179**  
[13] A1

[51] **Int.Cl. F16G 11/09 (2006.01) B63B 21/20 (2006.01) B66C 13/00 (2006.01) B66C 15/00 (2006.01) B66D 1/58 (2006.01) F16G 11/08 (2006.01)**

[25] EN

[54] **DEVICE FOR CONNECTING FIRST AND SECOND ELONGATED MEMBERS**

[54] **DISPOSITIF DE RACCORDEMENT D'UN PREMIER ET D'UN SECOND ELEMENT ALLONGE**

[72] JANSEN, LARS-WICHMANN, NO

[71] NATIONAL OILWELL VARCO NORWAY AS, NO

[85] 2014-12-09

[86] 2013-06-12 (PCT/NO2013/050105)

[87] (WO2013/187772)

[30] US (61/658,580) 2012-06-12

[21] **2,876,181**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN

[54] **PYRIDINE N-OXIDES AND PROCESSES FOR THEIR PREPARATION**

[54] **N-OXYDES DE PYRIDINE ET LEURS PROCEDES DE PREPARATION**

[72] BLAND, DOUGLAS C., US

[72] ROSS, RONALD, JR., US

[72] JOHNSON, PETER L., US

[72] JOHNSON, TIMOTHY C., US

[71] DOW AGROSCIENCES LLC, US

[85] 2014-12-09

[86] 2013-06-12 (PCT/US2013/045300)

[87] (WO2014/004080)

[30] US (61/666,811) 2012-06-30

[21] **2,876,184**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN

[54] **INSECTICIDAL N-SUBSTITUTED SULFILIMINE AND SULFOXIMINE PYRIDINE N-OXIDES**

[54] **N-OXYDES DE PYRIDINE SULFILIMINE ET SULFOXIMINE N-SUBSTITUES INSECTICIDES**

[72] BLAND, DOUGLAS C., US

[72] ROSS, RONALD, JR., US

[72] JOHNSON, PETER L., US

[72] JOHNSON, TIMOTHY C., US

[71] DOW AGROSCIENCES LLC, US

[85] 2014-12-09

[86] 2013-06-12 (PCT/US2013/045333)

[87] (WO2014/004086)

[30] US (61/666,814) 2012-06-30

[21] **2,876,180**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7115 (2006.01) A61K 48/00 (2006.01)**

[25] EN

[54] **OLIGONUCLEOTIDE-BASED INHIBITORS COMPRISING LOCKED NUCLEIC ACID MOTIF**

[54] **INHIBITEURS A BASE D'OLIGONUCLEOTIDES COMPRENANT UN MOTIF D'ACIDE NUCLEIQUE BLOQUE**

[72] VAN ROOIJ, EVA, NL

[72] DALBY, CHRISTINA M., US

[72] MONTGOMERY, RUSTY L., US

[71] MIRAGEN THERAPEUTICS, US

[85] 2014-12-08

[86] 2013-06-21 (PCT/US2013/047157)

[87] (WO2013/192576)

[30] US (61/662,746) 2012-06-21

[30] US (61/801,533) 2013-03-15

[21] **2,876,182**  
[13] A1

[51] **Int.Cl. B65D 71/16 (2006.01) B65D 5/50 (2006.01)**

[25] EN

[54] **CARTON WITH ARTICLE PROTECTION FLAP**

[54] **CARTON POURVU D'UN RABAT DE PROTECTION D'ARTICLE**

[72] HOLLEY, JOHN MURDICK, US

[72] BALDINO, MARK, US

[72] KASTANEK, RAYMOND S., US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2014-12-09

[86] 2013-03-13 (PCT/US2013/030773)

[87] (WO2014/014505)

[30] US (61/741,315) 2012-07-17

[21] **2,876,185**  
[13] A1

[51] **Int.Cl. B65D 71/18 (2006.01) B65D 71/28 (2006.01)**

[25] EN

[54] **CARTON WITH INSERT**

[54] **CARTON POURVU D'UN ELEMENT RAPPORTE**

[72] HOLLEY, JOHN MURDICK, JR., US

[72] SCHMAL, MICHAEL R., US

[72] BALDINO, MARK, US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2014-12-09

[86] 2013-03-14 (PCT/US2013/031457)

[87] (WO2014/014510)

[30] US (61/741,314) 2012-07-17

[30] US (61/741,315) 2012-07-17

[30] US (61/797,758) 2012-12-14

[21] **2,876,183**  
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **PETROLEUM RECOVERY PROCESS AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE RECUPERATION DE PETROLE**

[72] MILAM, STANLEY NEMEC, US

[72] FREEMAN, JOHN JUSTIN, US

[72] TEGELAAR, ERIK WILLEM, NL

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2014-12-08

[86] 2013-06-25 (PCT/US2013/047581)

[87] (WO2014/004480)

[30] US (61/664,921) 2012-06-27

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[21] **2,876,186**  
[13] A1

[51] **Int.Cl. G03B 37/04 (2006.01) G01C 11/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OBTAINING THE EARTH'S SURFACE IMAGES FROM A MOVING CARRIER**

[54] **PROCEDE POUR OBTENIR UNE IMAGE DE LA SURFACE TERRESTRE A PARTIR D'UN SUPPORT EN MOUVEMENT ET DISPOSITIF POUR SA MISE EN PRATIQUE**

[72] BARYSHNIKOV, ALEKSANDR NIKOLAEVICH, RU  
[72] BEZOBRAZOV, VLADIMIR SERGEEVICH, RU  
[72] GRIBACH, ALEKSANDR ALEKSEEVICH, RU  
[72] IVANOV, VASILYI PETROVICH, RU  
[72] MAKSIMYAK, SERGEY PETROVICH, RU  
[71] BARYSHNIKOV, ALEKSANDR NIKOLAEVICH, RU  
[71] BEZOBRAZOV, VLADIMIR SERGEEVICH, RU  
[71] GRIBACH, ALEKSANDR ALEKSEEVICH, RU  
[71] IVANOV, VASILYI PETROVICH, RU  
[71] MAKSIMYAK, SERGEY PETROVICH, RU  
[85] 2014-12-09  
[86] 2013-06-11 (PCT/RU2013/000483)  
[87] (WO2013/191583)  
[30] RU (2012125799) 2012-06-21

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[21] **2,876,187**  
[13] A1

[51] **Int.Cl. A61F 2/60 (2006.01) A61F 2/50 (2006.01) A61F 2/62 (2006.01)**  
[25] EN  
[54] **PROSTHETIC, ORTHOTIC OR EXOSKELETON DEVICE**

[54] **DISPOSITIF PROTHETIQUE, ORTHETIQUE OU D'EXOSQUELETTE**

[72] HERR, HUGH MILLER, US  
[72] HAN, ZHIXIU, US  
[72] BARNHART, CHRISTOPHER ERIC, US  
[72] CASLER, RICK, US  
[71] IWALK, INC., US  
[85] 2014-12-09  
[86] 2013-06-12 (PCT/US2013/045356)  
[87] (WO2013/188510)  
[30] US (61/658,568) 2012-06-12  
[30] US (61/662,104) 2012-06-20  
[30] US (61/679,194) 2012-08-03

[21] **2,876,188**  
[13] A1

[51] **Int.Cl. A23D 9/007 (2006.01) A23D 9/00 (2006.01) A23L 1/30 (2006.01) A23L 2/52 (2006.01)**  
[25] EN  
[54] **LIQUID CRYSTALLINE PHYTOSTEROL-GLYCERINE COMPLEX FOR ENHANCED BIOAVAILABILITY AND WATER DISPERSAL**

[54] **COMPLEXE DE GLYCERINE ET DE PHYTOSTEROL CRISTALLIN LIQUIDE POUR UNE BIOCOMPATIBILITE ACCRUE ET LA DISPERSION DANS L'EAU**

[72] PERLMAN, DANIEL, US  
[71] BRANDEIS UNIVERSITY, US  
[85] 2014-12-09  
[86] 2013-05-03 (PCT/US2013/039517)  
[87] (WO2013/166420)  
[30] US (13/464,231) 2012-05-04

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[21] **2,876,189**  
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **PETROLEUM RECOVERY PROCESS AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE RECUPERATION DE PETROLE**

[72] MILAM, STANLEY NEMEC, US  
[72] FREEMAN, JOHN JUSTIN, US  
[72] TEGELAAR, ERIK WILLEM, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2014-12-08  
[86] 2013-06-25 (PCT/US2013/047587)  
[87] (WO2014/004485)  
[30] US (61/664,910) 2012-06-27

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[21] **2,876,190**  
[13] A1

[51] **Int.Cl. B02C 18/22 (2006.01)**  
[25] EN  
[54] **SHREDDER WITH SIDE DISCHARGE**

[54] **BROYEUR AYANT UNE EVACUATION LATERALE**

[72] GROSS, THOMAS RAYMOND, US  
[71] GROSS, THOMAS RAYMOND, US  
[85] 2014-12-09  
[86] 2013-06-12 (PCT/US2013/045399)  
[87] (WO2013/188531)  
[30] US (61/658,431) 2012-06-12  
[30] US (13/915,435) 2013-06-11

[21] **2,876,191**  
[13] A1

[51] **Int.Cl. F01N 3/023 (2006.01)**  
[25] EN  
[54] **METHOD FOR DETECTING ABNORMALLY FREQUENT DIESEL PARTICULATE FILTER REGENERATION, ENGINE AND EXHAUST AFTERTREATMENT SYSTEM, AND WARNING SYSTEM AND METHOD**

[54] **PROCEDE POUR DETECTER UNE REGENERATION DE FILTRE A PARTICULES DIESEL ANORMALEMENT FREQUENTE, MOTEUR ET SYSTEME DE TRAITEMENT APRES ECHAPPEMENT, ET SYSTEME D'AVERTISSEMENT ET PROCEDE**

[72] DONG, QUNLONG, US  
[72] MARLEY, JEFFREY, US  
[71] MACK TRUCKS, INC., US  
[85] 2014-12-09  
[86] 2012-06-21 (PCT/US2012/043524)  
[87] (WO2013/191698)

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[21] **2,876,192**  
[13] A1

[51] **Int.Cl. A01N 43/80 (2006.01) A01N 43/40 (2006.01)**  
[25] EN  
[54] **PRODUCTION OF N-SUBSTITUTED SULFOXIMINE PYRIDINE N-OXIDES**

[54] **PRODUCTION DE N-OXYDES DE PYRIDINE SULFOXIMINE N-SUBSTITUES**

[72] BLAND, DOUGLAS C., US  
[72] ROSS, RONALD, JR., US  
[72] JOHNSON, PETER L., US  
[72] JOHNSON, TIMOTHY C., US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2014-12-09  
[86] 2013-06-13 (PCT/US2013/045556)  
[87] (WO2014/004094)  
[30] US (61/666,808) 2012-06-30  
[30] US (61/666,807) 2012-06-30

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[21] **2,876,193**  
[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01) C09K 8/514 (2006.01)**

[25] EN

[54] **BREAKING DIUTAN WITH METAL ACTIVATOR DOWN TO 140 °F OR LOWER**

[54] **DECOMPOSITION DE DIUTANE EN UTILISANT UN ACTIVATEUR METALLIQUE A 140 °F OU MOINS**

[72] GEORGE, SHOY C., IN

[72] SALGAONKAR, LALIT P., IN

[72] PATIL, PRAJAKTA RATNAKAR, IN

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-09

[86] 2013-05-10 (PCT/US2013/040475)

[87] (WO2013/191815)

[30] US (13/527,367) 2012-06-19

[21] **2,876,194**  
[13] A1

[51] **Int.Cl. C08L 83/10 (2006.01) C08G 77/455 (2006.01) C08K 5/3432 (2006.01) C08L 23/04 (2006.01)**

[25] EN

[54] **MELT-PROCESSABLE COMPOSITIONS HAVING SILICONE-CONTAINING POLYMERIC PROCESS ADDITIVES**

[54] **COMPOSITIONS POUVANT ETRE TRAITÉES PAR FUSION ET COMPRENANT DES ADDITIFS DE TRAITEMENT POLYMERES CONTENANT DE LA SILICONE**

[72] LAVALLEE, CLAUDE, US

[72] DILLON, MARIA P., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2014-12-09

[86] 2013-05-22 (PCT/US2013/042216)

[87] (WO2013/188067)

[30] US (61/658,135) 2012-06-11

[21] **2,876,195**  
[13] A1

[51] **Int.Cl. B01D 53/047 (2006.01) F02C 1/00 (2006.01) F02C 3/34 (2006.01) F02C 6/18 (2006.01)**

[25] EN

[54] **INTEGRATION OF PRESSURE SWING ADSORPTION WITH A POWER PLANT FOR CO2 CAPTURE/UTILIZATION AND N2 PRODUCTION**

[54] **INTEGRATION D'UNE ADSORPTION MODULEE EN PRESSION AVEC UNE CENTRALE ELECTRIQUE POUR LA CAPTURE/L'UTILISATION DE CO2 ET LA PRODUCTION DE N2**

[72] SUNDARAM, NARASIMHAN, US

[72] GUPTA, RAMESH, US

[72] THOMANN, HANS, US

[72] CARAM, HUGO S., US

[72] STARCHER, LOREN K., US

[72] MITTRICKER, FRANKLIN F., US

[72] WESTON, SIMON CHRISTOPHER, US

[72] WEIGEL, SCOTT J., US

[71] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US

[85] 2014-12-09

[86] 2013-06-13 (PCT/US2013/045607)

[87] (WO2013/188641)

[30] US (61/659,541) 2012-06-14

[30] US (61/810,339) 2013-04-10

[21] **2,876,196**  
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) C12N 7/00 (2006.01)**

[25] EN

[54] **REASSORTANT BTV AND AHSV VACCINES**

[54] **VACCINS CONTRE LES VIRUS REASSORTIS DE LA FIEVRE CATARRHALE ET DE LA PESTE EQUINE**

[72] PALMARINI, MASSIMO, GB

[72] HUDELET, PASCAL, FR

[72] AUDONNET, JEAN-CHRISTOPHE, FR

[72] NUNES, SANDRO, FILIPE, GB

[71] Merial LIMITED, US

[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB

[85] 2014-12-09

[86] 2013-06-13 (PCT/US2013/045667)

[87] (WO2013/188673)

[30] US (61/659,198) 2012-06-13

[21] **2,876,197**  
[13] A1

[51] **Int.Cl. F15B 15/28 (2006.01) G01B 7/004 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF MANUFACTURE FOR A LINEAR POSITION SENSOR**

[54] **SYSTEME ET PROCEDE DE FABRICATION DESTINE A UN CAPTEUR DE POSITION LINEAIRE**

[72] GLASSON, RICHARD O., US

[71] CONTROL PRODUCTS, INC., US

[85] 2014-12-09

[86] 2013-06-04 (PCT/US2013/044106)

[87] (WO2014/003992)

[30] US (61/664,558) 2012-06-26

[21] **2,876,198**  
[13] A1

[51] **Int.Cl. A47L 13/12 (2006.01) A47L 13/26 (2006.01)**

[25] EN

[54] **CLEANING DEVICE HAVING ONBOARD REPLACEABLE CLEANING PAD AND ONBOARD REPLACEABLE CLEANING SOLUTION**

[54] **DISPOSITIF DE NETTOYAGE PRESENTANT UN TAMPON DE NETTOYAGE REMPLACABLE MONTE SUR OUTIL ET SOLUTION DE NETTOYAGE REMPLACABLE MONTEE SUR OUTIL**

[72] SHAFER, ADAM ROBERT-GEORGE, US

[72] SCHULLER, DAVID WILLIAM, US

[72] ZEMSKOV, IGOR IVANOVICH, US

[72] TEUFEL, RAINER BERNHARD, US

[72] LANE, RICHARD LEE, US

[72] HUANG, SAN-JAN ALAN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-12-09

[86] 2013-06-06 (PCT/US2013/044399)

[87] (WO2013/188197)

[30] US (13/523,432) 2012-06-14

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[21] **2,876,199**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER**  
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER**  
[72] HERR, JOHN C., US  
[72] PIRES, EUSEBIO S., US  
[72] HERR, AUSTIN, US  
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, D/B/A UNIVERSITY OF VIRGINIA LICENSING & VENTURES GROUP, US  
[85] 2014-12-09  
[86] 2013-06-13 (PCT/US2013/045745)  
[87] (WO2013/188715)  
[30] US (61/659,049) 2012-06-13

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[21] **2,876,200**  
[13] A1

[51] **Int.Cl. A23C 19/14 (2006.01) A23C 19/09 (2006.01)**  
[25] EN  
[54] **METHOD OF TREATING A DIVIDED CHEESE PRODUCT FOR ANTICAKING AND COMPOSITIONS THEREOF**  
[54] **PROCEDE DE TRAITEMENT ANTIAGGLOMERANT D'UN PRODUIT DE FROMAGE FRAGMENTE ET COMPOSITIONS ASSOCIEES**  
[72] FANNON, JOHN E., US  
[72] ANDERSON, KENT R., US  
[71] ALLIED BLENDING & INGREDIENTS, INC., US  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/US2013/045810)  
[87] (WO2013/188735)  
[30] US (61/659,809) 2012-06-14  
[30] US (61/730,812) 2012-11-28

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[21] **2,876,201**  
[13] A1

[51] **Int.Cl. B67D 3/04 (2006.01)**  
[25] EN  
[54] **DISCHARGE DEVICE FOR LIQUID**  
[54] **DISPOSITIF DE DECHARGE DE LIQUIDE**  
[72] CAMPBELL, JASON CRAIG, US  
[72] HAGUE, PHILIP EDWIN, US  
[72] SAUER, MICHAEL ALLEN, US  
[72] HART, CHRISTOPHER STEVEN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2014-12-09  
[86] 2013-06-06 (PCT/US2013/044402)  
[87] (WO2013/191915)  
[30] US (13/529,675) 2012-06-21

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[21] **2,876,202**  
[13] A1

[51] **Int.Cl. B64D 13/00 (2006.01) A62B 7/14 (2006.01) B64D 10/00 (2006.01)**  
[25] EN  
[54] **AIRCRAFT LAVATORY EMERGENCY OXYGEN DEVICE**  
[54] **DISPOSITIF A OXYGENE D'URGENCE DANS LES TOILETTES D'AVION**  
[72] VEACH, MICHAEL W., US  
[72] BRUMLEY, MICHAEL J., US  
[71] B/E AEROSPACE, INC., US  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/US2013/045995)  
[87] (WO2013/192047)  
[30] US (13/528,414) 2012-06-20

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[21] **2,876,203**  
[13] A1

[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/198 (2006.01)**  
[25] EN  
[54] **TREATMENT OF MOTOR AND MOVEMENT DISORDER SIDE EFFECTS ASSOCIATED WITH PARKINSON'S DISEASE TREATMENTS**  
[54] **TRAITEMENT DES EFFETS SECONDAIRES DES TROUBLES MOTEURS ET DE LA DYSKINESIE ASSOCIEES AUX TRAITEMENTS ANTIPARKINSONIENS**  
[72] LEAHY, EMER, US  
[72] SHANKAR, BAVANI, US  
[71] PSYCHOGENICS, INC., US  
[85] 2014-12-09  
[86] 2013-06-06 (PCT/US2013/044509)  
[87] (WO2013/188210)  
[30] US (61/658,401) 2012-06-11

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[21] **2,876,204**  
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/30 (2012.01)**  
[25] EN  
[54] **VEHICLE FLEET ROUTING SYSTEM**  
[54] **SYSTEME DE ROUTAGE D'UNE FLOTTE DE VEHICULES**  
[72] LOOMAN, WILLIAM GEORGE, NZ  
[72] HIDAYAT, JEFFERSON RAY TAN, NZ  
[72] KOK, KATHERINE WINNIE, NZ  
[72] DUNLOP, MARK ROBERT, NZ  
[71] TELOGIS, INC., US  
[85] 2014-12-09  
[86] 2013-06-14 (PCT/US2013/046016)  
[87] (WO2013/188843)  
[30] US (61/660,600) 2012-06-15  
[30] US (61/666,555) 2012-06-29  
[30] US (13/903,904) 2013-05-28

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[21] **2,876,205**  
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/24 (2006.01)**

[25] EN

[54] **PETROLEUM RECOVERY PROCESS AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE RECUPERATION DE PETROLE**

[72] MILAM, STANLEY NEMEC, US

[72] FREEMAN, JOHN JUSTIN, US

[72] TEGELAAR, ERIK WILLEM, NL

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV, NL

[85] 2014-12-08

[86] 2013-06-25 (PCT/US2013/047594)

[87] (WO2014/004490)

[30] US (61/664,895) 2012-06-27

[21] **2,876,206**  
[13] A1

[51] **Int.Cl. A61H 1/02 (2006.01) A61H 3/00 (2006.01)**

[25] EN

[54] **MOVEMENT ASSISTANCE DEVICE**

[54] **DISPOSITIF D'ASSISTANCE AU DEPLACEMENT**

[72] GOLDFARB, MICHAEL, US

[72] MURRAY, SPENCER, US

[71] VANDERBILT UNIVERSITY, US

[85] 2014-12-09

[86] 2013-06-17 (PCT/US2013/046107)

[87] (WO2013/188868)

[30] US (61/660,286) 2012-06-15

[21] **2,876,207**  
[13] A1

[51] **Int.Cl. B60C 9/02 (2006.01) B60C 9/07 (2006.01) B60C 9/18 (2006.01) B60C 15/04 (2006.01)**

[25] EN

[54] **D SPEED AGRICULTURAL TIRES**

[54] **PNEUS AGRICOLES DE VITESSE D**

[72] HARRIS, BRADLEY J., US

[72] LANZAROTTA, JOSEPH M., US

[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US

[85] 2014-12-09

[86] 2013-06-07 (PCT/US2013/044724)

[87] (WO2014/004043)

[30] US (13/533,399) 2012-06-26

[21] **2,876,208**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/445 (2006.01)**

[25] EN

[54] **IDENTIFICATION OF HOST-COMPATIBLE DOWNLOADABLE APPLICATIONS**

[54] **IDENTIFICATION D'APPLICATIONS TELECHARGEABLES COMPATIBLES AVEC UN HOTE**

[72] CONLAN, PATRICK MICHAEL, US

[72] JIMENEZ-SALGADO, ROLANDO, US

[72] BALMORI LABRA, JUAN GABRIEL, US

[72] HAUGEN, TODD, US

[72] JONES, BRIAN MICHAEL, US

[71] MICROSOFT CORPORATION, US

[85] 2014-12-09

[86] 2013-06-20 (PCT/US2013/046672)

[87] (WO2014/004226)

[30] US (13/533,367) 2012-06-26

[21] **2,876,209**  
[13] A1

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

[25] EN

[54] **UNIQUELY TAGGED REARRANGED ADAPTIVE IMMUNE RECEPTOR GENES IN A COMPLEX GENE SET**

[54] **GENES DE RECEPTEUR IMMUNITAIRE ADAPTATIF REORGANISES A MARQUAGE UNIQUE DANS UN ENSEMBLE GENIQUE COMPLEXE**

[72] ROBINS, HARLAN S., US

[71] ADAPTIVE BIOTECHNOLOGIES CORPORATION, US

[85] 2014-12-09

[86] 2013-06-14 (PCT/US2013/045994)

[87] (WO2013/188831)

[30] US (61/660,665) 2012-06-15

[30] US (61/789,408) 2013-03-15

[21] **2,876,210**  
[13] A1

[51] **Int.Cl. B27M 3/04 (2006.01) B27F 1/02 (2006.01) E04F 15/02 (2006.01)**

[25] EN

[54] **A METHOD FOR DIVIDING A BOARD INTO A FIRST PANEL AND A SECOND PANEL, A METHOD OF FORMING A MECHANICAL LOCKING SYSTEM FOR LOCKING OF A FIRST AND A SECOND PANEL, AND BUILDING PANELS**

[54] **PROCEDE POUR LA DIVISION D'UNE PLANCHE EN UN PREMIER PANNEAU ET UN SECOND PANNEAU, PROCEDE DE FORMATION D'UN SYSTEME DE VERROUILLAGE MECANIQUE POUR VERROUILLER UN PREMIER PANNEAU ET UN SECOND PANNEAU, ET PANNEAUX DE CONSTRUCTION**

[72] PERVAN, DARKO, SE

[72] PALSSON, AGNE, SE

[71] VALINGE INNOVATION AB, SE

[71] VALINGE FLOORING TECHNOLOGY AB, SE

[85] 2014-12-09

[86] 2013-06-18 (PCT/SE2013/050718)

[87] (WO2013/191632)

[30] SE (1250656-4) 2012-06-19

[30] US (61/661,645) 2012-06-19

[30] SE (1250691-1) 2012-06-26

[30] SE (1350027-7) 2013-01-11

[21] **2,876,211**  
[13] A1

[51] **Int.Cl. B29C 45/73 (2006.01) B29C 33/04 (2006.01) B29C 35/16 (2006.01) C09K 5/10 (2006.01)**

[25] EN

[54] **NANOFLUID MOLD COOLING**

[54] **REFROIDISSEMENT DE MOULE PAR NANOFLUIDE**

[72] MCCLINTOCK, STEVEN D., US

[71] MAGNA INTERNATIONAL INC., CA

[85] 2014-12-09

[86] 2013-06-20 (PCT/US2013/046787)

[87] (WO2014/004253)

[30] US (61/662,111) 2012-06-20

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[21] **2,876,212**  
[13] A1

[51] **Int.Cl. A47G 1/16 (2006.01) F16G 11/10 (2006.01)**  
[25] EN  
[54] **HOOK DEVICE FOR HANGING OBJECTS**  
[54] **DISPOSITIF FORMANT CROCHET PERMETTANT DE SUSPENDRE DES OBJETS**  
[72] VAN GROESEN, WILHELMUS MARIA, NL  
[71] JAN VAN BOXTEL ARTITEC B.V., NL  
[85] 2014-12-09  
[86] 2013-06-19 (PCT/NL2013/050433)  
[87] (WO2013/191544)  
[30] NL (2009029) 2012-06-19

[21] **2,876,213**  
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/58 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **PETROLEUM RECOVERY PROCESS AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE RECUPERATION DE PETROLE**  
[72] MILAM, STANLEY NEMEC, US  
[72] FREEMAN, JOHN JUSTIN, US  
[72] TEGELAAR, ERIK WILLEM, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV, NL  
[85] 2014-12-08  
[86] 2013-06-25 (PCT/US2013/047600)  
[87] (WO2014/004495)  
[30] US (61/664,880) 2012-06-27

[21] **2,876,214**  
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/58 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **PETROLEUM RECOVERY PROCESS AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE RECUPERATION DE PETROLE**  
[72] MILAM, STANLEY NEMEC, US  
[72] FREEMAN, JOHN JUSTIN, US  
[72] TEGELAAR, ERIK WILLEM, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV, NL  
[85] 2014-12-08  
[86] 2013-06-25 (PCT/US2013/047609)  
[87] (WO2014/004502)  
[30] US (61/664,871) 2012-06-27

[21] **2,876,215**  
[13] A1

[51] **Int.Cl. C07D 413/04 (2006.01)**  
[25] EN  
[54] **PROCESSES FOR THE PREPARATION OF 3,5-DISUBSTITUTED-1,2,4-OXADIAZOLES**  
[54] **PROCEDES DE PREPARATION DE 1,2,4-OXADIAZOLES 3,5-DISUBSTITUES**  
[72] MILLER, WILLIAM HAROLD, US  
[72] GRAHAM, CHARLES RICHARD, US  
[72] BROWN, DAVID LOUIS, US  
[71] MONSANTO TECHNOLOGY LLC, US  
[85] 2014-12-08  
[86] 2013-07-02 (PCT/US2013/049060)  
[87] (WO2014/008257)  
[30] US (61/667,361) 2012-07-02  
[30] US (61/777,210) 2013-03-12  
[30] US (61/783,466) 2013-03-14

[21] **2,876,217**  
[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01) E21B 33/12 (2006.01) E21B 34/12 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR TREATING A WELLBORE**  
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT D'UN Puits DE FORAGE**  
[72] JASEK, SIDNEY, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2014-12-08  
[86] 2013-07-18 (PCT/US2013/051019)  
[87] (WO2014/022105)  
[30] US (61/677,989) 2012-07-31  
[30] US (13/724,535) 2012-12-21

[21] **2,876,219**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/73 (2006.01) B01D 53/78 (2006.01) C01B 17/20 (2006.01) C23F 11/06 (2006.01)**  
[25] EN  
[54] **IN SITU GENERATION OF POLYSULFIDE IONS USING ELEMENTAL SULFUR FOR IMPROVED CORROSION CONTROL, CYANIDE MANAGEMENT, MERCURY MANAGEMENT, ARSINE MANAGEMENT AND PERFORMANCE AND RELIABILITY OF ACID GAS REMOVAL EQUIPMENT**  
[54] **GENERATION IN SITU D'IONS POLYSULFURE A L'AIDE DE SOUFRE ELEMENTAIRE POUR UNE LUTTE AMELIOREE CONTRE LA CORROSION, UNE GESTION DE CYANURE AMELIOREE, UNE GESTION DU MERCURE AMELIOREE, UNE GESTION D'ARSINE AMELIOREE ET UNE PERFORMANCE ET UNE FIABILITE AMELIOREES D'UN EQUIPEMENT DE RETRAIT DE GAZ ACIDE**  
[72] MCGARVEY, GORDON BRYCE, CA  
[72] FALKINER, ROBERT J., CA  
[72] SLIM, DAVID R., CA  
[72] KNICKERBOCKER, BRYAN M., US  
[71] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US  
[85] 2014-12-08  
[86] 2013-07-23 (PCT/US2013/051655)  
[87] (WO2014/025533)  
[30] US (13/568,561) 2012-08-07

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[21] **2,876,223**  
[13] A1

[51] **Int.Cl. D21H 21/00 (2006.01) D21H 17/20 (2006.01) D21H 17/33 (2006.01)**

[25] EN

[54] **GLYCEROL-BASED POLYMERS FOR REDUCING DEPOSITION OF ORGANIC CONTAMINANTS IN PAPERMAKING PROCESSES**

[54] **POLYMERES A BASE DE GLYCEROL DESTINES A REDUIRE LE DEPOT DE CONTAMINANTS ORGANIQUES AU COURS DE PROCESSUS DE FABRICATION DE PAPIER**

[72] LI, XIAOJIN HARRY, US  
[72] RICHARDSON, PAUL F., US  
[72] SHEVCHENKO, SERGEY M., US  
[71] ECOLAB USA INC., US  
[85] 2014-12-08  
[86] 2013-07-26 (PCT/US2013/052338)  
[87] (WO2014/018898)  
[30] US (13/560,771) 2012-07-27

[21] **2,876,225**  
[13] A1

[51] **Int.Cl. B65D 90/08 (2006.01) B23P 19/00 (2006.01) B65B 13/00 (2006.01)**

[25] EN

[54] **CORNER BOARDS, CONTAINER ASSEMBLIES INCLUDING THE SAME, AND METHODS OF MAKING AND USING THE SAME**

[54] **PLANCHES CORNIERES, ENSEMBLES DE CONTENANTS COMPRENANT CELLES-CI ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**

[72] ULRICH, CLYDE, US  
[71] SIERRA PACKAGING SOLUTIONS LLC, US  
[85] 2014-12-09  
[86] 2013-06-20 (PCT/US2013/046887)  
[87] (WO2014/004263)  
[30] US (61/666,682) 2012-06-29  
[30] US (13/904,967) 2013-05-29

[21] **2,876,226**  
[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/00 (2006.01) A61B 3/028 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR EVALUATING INTRAOCULAR LENS PERFORMANCE**

[54] **SYSTEME ET PROCEDE D'EVALUATION DE L'EFFICACITE DE LENTILLE INTRAOCULAIRE**

[72] KASTHURIRANGAN, SANJEEV, US  
[72] PIERS, PATRICIA ANN, NL  
[72] WEEBER, HENDRICK A., NL  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2014-12-08  
[86] 2013-12-06 (PCT/US2013/073514)  
[87] (WO2014/089399)  
[30] US (61/734,240) 2012-12-06

[21] **2,876,227**  
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61L 27/14 (2006.01) A61L 27/24 (2006.01)**

[25] EN

[54] **COMPRESSION AND KINK RESISTANT IMPLANTS**

[54] **IMPLANTS RESISTANT A LA COMPRESSION ET AU PLIAGE**

[72] LI, SHU-TUNG, US  
[72] YUEN, DEBBIE, US  
[71] COLLAGEN MATRIX, INC., US  
[85] 2014-12-09  
[86] 2013-06-21 (PCT/US2013/046950)  
[87] (WO2013/192481)  
[30] US (13/530,322) 2012-06-22

[21] **2,876,231**  
[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01)**

[25] EN

[54] **WELDING SYSTEM UTILIZING A DISTRIBUTED POWER BUS**

[54] **SYSTEME DE SOUDAGE UTILISANT UNE BARRE OMNIBUS A ALIMENTATION DISTRIBUEE**

[72] BUNKER, THOMAS A., US  
[72] MANTHE, ALAN A., US  
[72] SALSICH, ANTHONY V., US  
[72] MADSEN, MICHAEL DAVID, US  
[72] ALBRECHT, BRUCE PATRICK, US  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2014-12-09  
[86] 2013-06-23 (PCT/US2013/047215)  
[87] (WO2014/004330)  
[30] US (13/538,835) 2012-06-29

[21] **2,876,234**  
[13] A1

[51] **Int.Cl. C10G 31/00 (2006.01) C10G 33/08 (2006.01)**

[25] EN

[54] **PROCESS FOR PREDICTING THE STABILITY OF CRUDE OIL AND EMPLOYING SAME IN TRANSPORTING AND/OR REFINING THE CRUDE OIL**

[54] **PROCEDE POUR PREDIRE LA STABILITE DU PETROLE BRUT ET SON UTILISATION DANS LE TRANSPORT ET/OU LE RAFFINAGE DU PETROLE BRUT**

[72] RESPINI, MARCO, IT  
[72] DELLA SALLA, GIUSEPPE, GB  
[72] MEDINE, GAVIN M., GB  
[72] SANDU, CORINA L., US  
[72] PINNAPU, SAI REDDY, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2014-12-09  
[86] 2013-06-24 (PCT/US2013/047316)  
[87] (WO2013/192611)  
[30] US (61/663,441) 2012-06-22  
[30] US (13/924,089) 2013-06-21

[21] **2,876,235**  
[13] A1

[51] **Int.Cl. F03B 13/14 (2006.01) F03B 13/24 (2006.01)**

[25] EN

[54] **APPARATUS FOR GENERATING ENERGY**

[54] **APPAREIL POUR GENERER DE L'ENERGIE**

[72] FRIEDENTHAL, REGINALD, ZA  
[71] FRIEDENTHAL, REGINALD, ZA  
[85] 2014-12-09  
[86] 2013-05-03 (PCT/ZA2013/000031)  
[87] (WO2013/166529)  
[30] ZA (2010/03373) 2012-05-04

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[21] **2,876,236**  
[13] A1

[51] **Int.Cl. C25B 1/02 (2006.01) C25B 1/12 (2006.01) C25B 11/03 (2006.01)**

[25] EN

[54] **BREATHABLE ELECTRODE AND METHOD FOR USE IN WATER SPLITTING**

[54] **ELECTRODE PERMEABLE A L'AIR ET PROCEDE POUR L'UTILISATION DANS LA DISSOCIATION D'EAU**

[72] WINTHER-JENSEN, BJORN, AU  
[72] MACFARLANE, DOUGLAS, AU  
[72] WINTHER-JENSEN, ORAWAN, AU  
[71] MONASH UNIVERSITY, AU  
[85] 2014-12-10  
[86] 2012-06-12 (PCT/AU2012/000668)  
[87] (WO2013/185163)

[21] **2,876,237**  
[13] A1

[51] **Int.Cl. C01B 25/45 (2006.01) H01M 4/58 (2010.01)**

[25] EN

[54] **LOW-COST METHOD FOR MAKING LITHIUM TRANSITION METAL OLIVINES WITH HIGH ENERGY DENSITY**

[54] **PROCEDE PEU COUTEUX POUR FABRIQUER DES OLIVINES DE LITHIUM ET DE METAL DE TRANSITION AVEC UNE DENSITE D'ENERGIE ELEVEE**

[72] KAO, YU-HUA, US  
[72] HASAN, TOWHID, US  
[72] ZEIBARTH, ROBIN P., US  
[72] YU, XINDI, US  
[72] THEIVANAYAGAM, MURALI G., US  
[72] ZHU, LINGBO, US  
[72] SANTHANY, STACIE L., US  
[72] LIN, JUI-CHING, US  
[72] HU, ING-FENG, US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2014-12-09  
[86] 2013-06-24 (PCT/US2013/047357)  
[87] (WO2014/004386)  
[30] US (61/664,934) 2012-06-27

[21] **2,876,238**  
[13] A1

[51] **Int.Cl. H04M 1/725 (2006.01) H04N 1/00 (2006.01)**

[25] EN

[54] **COMMUNICATION SYSTEM**

[54] **SYSTEME DE COMMUNICATION**

[72] ROSENBERG, JONATHAN DAVID, US  
[71] MICROSOFT CORPORATION, US  
[85] 2014-12-09  
[86] 2013-06-25 (PCT/US2013/047445)  
[87] (WO2014/004411)  
[30] US (13/536,495) 2012-06-28

[21] **2,876,239**  
[13] A1

[51] **Int.Cl. G01D 3/08 (2006.01) G01D 4/00 (2006.01) G01K 13/00 (2006.01) G01R 11/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MONITORING A CONDITION OF A METER**

[54] **PROCEDE ET APPAREIL PERMETTANT DE SURVEILLER L'ETAT D'UN COMPTEUR**

[72] TORPY, KEITH, AU  
[72] CIRCOSTA, MARC, AU  
[72] DEMARCO, MARCELO, AU  
[72] DAVIS, IAN, AU  
[72] COLLINS, PAUL, AU  
[71] LANDIS & GYR PTY LTD, AU  
[85] 2014-12-10  
[86] 2012-07-06 (PCT/AU2012/000821)  
[87] (WO2013/006901)  
[30] AU (2011902724) 2011-07-08  
[30] AU (2011101045) 2011-08-16

[21] **2,876,240**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/4985 (2006.01) A61P 31/18 (2006.01) C07D 403/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**

[25] EN

[54] **SULFONAMIDE DERIVATIVES AND METHODS OF USE THEREOF FOR IMPROVING THE PHARMACOKINETICS OF A DRUG**

[54] **DERIVES SULFONAMIDE ET LEURS METHODES D'UTILISATION DANS L'AMELIORATION DES PROPRIETES PHARMACOCINETIQUES D'UN MEDICAMENT**

[72] COBURN, CRAIG A., US  
[72] MALETIC, MILANA, US  
[72] SOLL, RICHARD, CN  
[72] LI, CHUNSHING, CN  
[72] LUO, YUNFU, CN  
[72] QI, ZHIQI, CN  
[71] MERCK SHARP & DOHME CORP., US  
[85] 2014-12-09  
[86] 2013-06-25 (PCT/US2013/047451)  
[87] (WO2014/004416)  
[30] CN (PCT/CN2012/077611) 2012-06-27

[21] **2,876,241**  
[13] A1

[51] **Int.Cl. A61K 31/5685 (2006.01) A61K 31/56 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **INDUCTION OF ESTROGEN RECEPTOR BETA BY CHOLESTEROL BIOSYNTHESIS INHIBITORS AND METHODS OF TREATMENT OF CANCER**

[54] **INDUCTION DU RECEPTEUR BETA DES STROGENES PAR DES INHIBITEURS DE LA BIOSYNTHESE DU CHOLESTEROL ET METHODES DE TRAITEMENT DU CANCER**

[72] HYDER, SALMAN, US  
[72] YAYUN, LIANG, US  
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US  
[85] 2014-12-09  
[86] 2013-06-27 (PCT/US2013/048231)  
[87] (WO2014/004854)  
[30] US (61/665,116) 2012-06-27

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[21] **2,876,242**  
[13] A1

[51] **Int.Cl. C25B 11/03 (2006.01) C25B 1/04 (2006.01) C25B 11/04 (2006.01)**

[25] EN

[54] **GAS PERMEABLE ELECTRODE AND METHOD OF MANUFACTURE**

[54] **ELECTRODE PERMEABLE AU GAZ ET PROCEDE DE FABRICATION**

[72] WINTHER-JENSEN, BJORN, AU  
[72] MACFARLANE, DOUGLAS, AU  
[72] WINTHER-JENSEN, ORAWAN, AU  
[71] MONASH UNIVERSITY, AU  
[85] 2014-12-10  
[86] 2013-06-11 (PCT/AU2013/000616)  
[87] (WO2013/185169)  
[30] AU (2012902441) 2012-06-12  
[30] AU (2013900493) 2013-02-15

[21] **2,876,243**  
[13] A1

[51] **Int.Cl. B32B 5/02 (2006.01) B32B 7/12 (2006.01) B32B 27/08 (2006.01) B32B 27/12 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) C08J 5/18 (2006.01) E04D 5/10 (2006.01)**

[25] EN

[54] **THERMOPLASTIC MEMBRANES INCLUDING POLYMER WITH ISOCYANATE-REACTIVE FUNCTIONALITY**

[54] **MEMBRANES THERMOPLASTIQUES COMPRENANT UN POLYMERE AVEC UNE FONCTIONNALITE REACTIVE AVEC LES ISOCYANATES**

[72] HUBBARD, MICHAEL JOHN, US  
[72] KALWARA, JOSEPH JOHN, US  
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US  
[85] 2014-12-09  
[86] 2013-07-08 (PCT/US2013/049547)  
[87] (WO2014/008501)  
[30] US (61/668,783) 2012-07-06

[21] **2,876,244**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) B65D 75/36 (2006.01)**

[25] EN

[54] **BLISTER PACK**

[54] **PLAQUETTE THERMOFORMEE**

[72] JOLLEY, NICHOLAS, AU  
[71] ADVENT PHARMACEUTICALS PTY LTD, AU  
[85] 2014-12-10  
[86] 2013-06-24 (PCT/AU2013/000675)  
[87] (WO2014/005172)  
[30] AU (2012902839) 2012-07-03

[21] **2,876,245**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **SPONSORED ADVERTISEMENT RANKING AND PRICING IN A SOCIAL NETWORKING SYSTEM**

[54] **CLASSEMENT ET TARIFICATION DE PUBLICITES SPONSORISEES DANS UN SYSTEME DE RESEAUTAGE SOCIAL**

[72] HEGEMAN, JOHN, US  
[72] GE, HONG, US  
[72] GUBIN, MAXIM, US  
[72] AMIT, ALON, US  
[71] FACEBOOK, INC., US  
[85] 2014-12-09  
[86] 2013-07-10 (PCT/US2013/049893)  
[87] (WO2014/011749)  
[30] US (13/545,266) 2012-07-10

[21] **2,876,246**  
[13] A1

[51] **Int.Cl. A61K 31/444 (2006.01) C07D 401/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED PYRAZOLONE COMPOUNDS AND METHODS OF USE**

[54] **COMPOSES DE PYRAZOLONE SUBSTITUEE ET LEURS PROCEDES D'UTILISATION**

[72] XI, NING, US  
[72] WU, YANJUN, CN  
[72] LIAO, MIN, CN  
[72] FENG, YANMING, CN  
[71] CALITOR SCIENCES, LLC, US  
[71] SUNSHINE LAKE PHARMA CO., LTD., CN  
[85] 2014-12-09  
[86] 2013-07-19 (PCT/US2013/051174)  
[87] (WO2014/022116)  
[30] US (61/676,944) 2012-07-28  
[30] US (61/679,416) 2012-08-03

[21] **2,876,247**  
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) G01M 3/26 (2006.01)**

[25] EN

[54] **MONITORED COMPONENT CONNECTION, WIND POWER INSTALLATION, METHOD OF MONITORING A COMPONENT CONNECTION FOR UNWANTED RELEASE OF THE COMPONENT CONNECTION IN THE CONNECTED CONDITION**

[54] **CONNEXION DE COMPOSANTS CONTROLEE, EOLIENNE, PROCEDE POUR CONTROLER UNE CONNEXION DE COMPOSANTS POUR DETECTER UNE SEPARATION NON SOUHAITEE DES COMPOSANTS UNE FOIS LA CONNEXION REALISEE**

[72] JEPSEN, TORSTEN, DE  
[72] KELLING, RALF, DE  
[71] WOBLEN PROPERTIES GMBH, DE  
[85] 2014-12-10  
[86] 2013-04-18 (PCT/EP2013/058088)  
[87] (WO2014/005735)  
[30] DE (10 2012 211 566.8) 2012-07-03

[21] **2,876,248**  
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01) C10G 2/00 (2006.01)**

[25] EN

[54] **PROCESS FOR REFORMING HYDROCARBONS AND PROCESS FOR STARTING UP A GAS-TO-LIQUID PROCESS**

[54] **PROCEDE DE REFORMAGE D'HYDROCARBURES ET PROCEDE DE DEMARRAGE D'UN PROCEDE DE TRANSFORMATION DE GAZ EN LIQUIDE**

[72] DAHL, PER JUUL, DK  
[71] HALDOR TOPSOE A/S, DK  
[85] 2014-12-10  
[86] 2013-05-21 (PCT/EP2013/060400)  
[87] (WO2013/189681)  
[30] EP (PCT/EP2012/061709) 2012-06-19

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[21] **2,876,249**  
[13] A1

[51] **Int.Cl. C07D 249/06 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 1/00 (2006.01) A61P 5/00 (2006.01) A61P 9/12 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 25/06 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **BRANCHED CHAIN ALKYL HETEROAROMATIC RING DERIVATIVE**

[54] **DERIVE CYCLIQUE HETEROAROMATIQUE ALKYLE A CHAINE RAMIFIEE**

[72] ARAKI, YUKO, JP  
[72] NOZAWA, DAI, JP  
[72] SUZUKI, RYO, JP  
[72] OHTA, HIROSHI, JP  
[72] FUTAMURA, AYA, JP  
[72] ABE, MASAHITO, JP  
[72] AMADA, HIDEAKI, JP  
[72] KONISHI, KAZUhide, JP  
[72] OGATA, YUYA, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP

[85] 2014-12-10  
[86] 2013-06-13 (PCT/JP2013/066314)  
[87] (WO2013/187466)  
[30] JP (2012-135278) 2012-06-15  
[30] JP (2012-246834) 2012-11-09

[21] **2,876,250**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/145 (2006.01) A61M 5/172 (2006.01)**

[25] EN

[54] **METHOD, SYSTEM AND APPARATUS FOR SETTING INSULIN DOSAGES FOR DIABETICS**

[54] **PROCEDE, SYSTEME ET APPAREIL POUR DETERMINER DES DOSAGES D'INSULINE POUR LES DIABETIQUES**

[72] THOMSON, CAREN FRANCES, CA  
[71] THOMSON, CAREN FRANCES, CA  
[85] 2014-12-10  
[86] 2012-10-17 (PCT/CA2012/000960)  
[87] (WO2014/008574)  
[30] US (61/670,275) 2012-07-11

[21] **2,876,251**  
[13] A1

[51] **Int.Cl. H04R 29/00 (2006.01) H04R 25/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR HEARING AID APPRAISAL AND SELECTION**

[54] **SYSTEME ET PROCEDE D'EVALUATION ET DE SELECTION DE PROTHESE AUDITIVE**

[72] MARCOUX, ANDRE M., CA  
[71] EASTERN ONTARIO AUDIOLOGY CONSULTANTS, CA

[85] 2014-12-10  
[86] 2013-06-21 (PCT/CA2013/050482)  
[87] (WO2014/000101)  
[30] US (13/533,809) 2012-06-26

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[21] **2,876,252**  
[13] A1

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

[25] EN

[54] **BIOMARKERS FOR PROSTATE CANCER**

[54] **BIOMARQUEURS POUR LE CANCER DE LA PROSTATE**

[72] DALSGAARD SORENSEN, KARINA, DK  
[72] HALDRUP, CHRISTA, DK  
[72] FALCK ORNTOFT, TORBEN, DK  
[71] AARHUS UNIVERSITET, DK  
[71] REGION MIDTJYLLAND, DK

[85] 2014-12-10  
[86] 2013-06-14 (PCT/DK2013/050196)  
[87] (WO2013/185779)  
[30] DK (PA 2012 70326) 2012-06-14

[21] **2,876,253**  
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/5355 (2006.01) A61P 1/04 (2006.01) A61P 1/14 (2006.01) A61P 3/00 (2006.01) A61P 9/12 (2006.01) A61P 25/06 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 25/36 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01)**

[25] EN

[54] **HETEROAROMATIC METHYL CYCLIC AMINE DERIVATIVE**

[54] **DERIVE D'AMINE CYCLIQUE METHYLE HETEROAROMATIQUE**

[72] FUTAMURA, AYA, JP  
[72] ARAKI, YUKO, JP  
[72] ABE, MASAHITO, JP  
[72] OHTA, HIROSHI, JP  
[72] SUZUKI, RYO, JP  
[72] NOZAWA, DAI, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP

[85] 2014-12-10  
[86] 2013-06-13 (PCT/JP2013/066322)  
[87] (WO2013/187467)  
[30] JP (2012-135277) 2012-06-15

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[21] **2,876,254**  
[13] A1

[51] **Int.Cl. C09K 8/08 (2006.01) C09K 8/20 (2006.01) C09K 8/528 (2006.01)**

[25] EN

[54] **BIODEGRADABLE GRAFT COPOLYMER ANTI -ACCRETION ADDITIVE FOR WATER - BASED DRILLING FLUIDS**

[54] **ADDITIF ANTI-ACCRETION COPOLYMERE GREFFE BIODEGRADABLE POUR FLUIDES DE FORAGE A BASE D'EAU**

[72] ASSMANN, ANDREA, DE  
[72] REICHENBACH-KLINKE, ROLAND, DE  
[72] LANGLOTZ, JUTTA KARIN, DE  
[71] BASF SE, DE

[85] 2014-12-10  
[86] 2013-06-05 (PCT/EP2013/061530)  
[87] (WO2014/005778)  
[30] EP (12175319.8) 2012-07-06

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[21] **2,876,255**  
[13] A1

[51] **Int.Cl. A23C 21/10 (2006.01) A23C 21/00 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING MODIFIED WHEY COMPOSITION, MODIFIED WHEY COMPOSITION, AND METHOD FOR MANUFACTURING CALCIUM-ENRICHED MODIFIED WHEY COMPOSITION**

[54] **PROCEDE POUR FABRIQUER UNE COMPOSITION DE LACTOSERUM MODIFIE, COMPOSITION DE LACTOSERUM MODIFIE ET PROCEDE POUR FABRIQUER UNE COMPOSITION DE LACTOSERUM MODIFIE ENRICHE EN CALCIUM**

[72] ODAKA, MIREI, JP  
[72] MURAKAMI, TOMOYA, JP  
[72] SAKAI, YOHEI, JP  
[72] MIYAUCHI, KIYOTAKA, JP  
[72] KOISHIHARA, HIROSHI, JP  
[71] MORINAGA MILK INDUSTRY CO., LTD., JP

[85] 2014-12-10  
[86] 2013-06-14 (PCT/JP2013/066523)  
[87] (WO2013/187519)  
[30] JP (2012-136106) 2012-06-15

[21] **2,876,256**  
[13] A1

[51] **Int.Cl. A01B 1/02 (2006.01)**

[25] EN

[54] **HAND SHOVEL**

[54] **PELLE A MAIN**

[72] NATOLINO, ANDREAS, CH  
[71] NATOLINO, ANDREAS, CH

[85] 2014-12-10  
[86] 2013-06-06 (PCT/EP2013/061713)  
[87] (WO2013/186117)  
[30] CH (00823/12) 2012-06-12

[21] **2,876,257**  
[13] A1

[51] **Int.Cl. G21F 9/32 (2006.01) G21F 9/28 (2006.01) G21F 9/30 (2006.01)**

[25] EN

[54] **REMOVAL DEVICE FOR RADIOACTIVE CESIUM**

[54] **DISPOSITIF D'ELIMINATION POUR CESIUM RADIOACTIF**

[72] TANAKA, YOSHIHISA, JP  
[72] OGIRI, TETSUO, JP  
[72] HONMA, KENICHI, JP  
[72] OKAMURA, SOICHIRO, JP  
[72] SHINDO, TAKUYA, JP  
[71] TAIHEIYO CEMENT CORPORATION, JP

[85] 2014-12-10  
[86] 2013-06-19 (PCT/JP2013/066807)  
[87] (WO2014/002843)  
[30] JP (2012-146249) 2012-06-29

[21] **2,876,258**  
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G01N 15/14 (2006.01) G01N 21/88 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR OPTICAL QUALITY CONTROL OF THE COATING OR STAINING OF A KERNEL-TYPE SUBSTRATE**

[54] **DISPOSITIF ET PROCEDE DE CONTROLE DE LA QUALITE OPTIQUE D'UN REVETEMENT OU DE LA COLORATION D'UN SUBSTRAT DE TYPE NOYAU**

[72] SCHNIER, HEINZ-FRIEDRICH, DE  
[72] FOIS, FRANCO, DE  
[71] BAYER CROPSCIENCE AG, DE

[85] 2014-12-10  
[86] 2013-06-07 (PCT/EP2013/061853)  
[87] (WO2013/186144)  
[30] EP (12171733.4) 2012-06-13

[21] **2,876,259**  
[13] A1

[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/00 (2006.01)**

[25] EN

[54] **HIGH SOLIDS AQUEOUS MINERAL AND/OR FILLER AND/OR PIGMENT SUSPENSION IN ACIDIC PH ENVIRONMENT**

[54] **SUSPENSION AQUEUSE DE MINERAUX ET/OU DE CHARGES ET/OU DE PIGMENTS A TENEUR ELEVEE EN MATIERES SOLIDES, UTILISABLE DANS UN ENVIRONNEMENT CARACTERISE PAR UN PH ACIDE**

[72] BURI, MATTHIAS, CH  
[72] RENTSCH, SAMUEL, CH  
[72] GANE, PATRICK A. C., CH  
[71] OMYA INTERNATIONAL AG, CH

[85] 2014-12-10  
[86] 2013-06-07 (PCT/EP2013/061800)  
[87] (WO2014/001063)  
[30] EP (12174196.1) 2012-06-28  
[30] US (61/667,027) 2012-07-02

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[21] **2,876,260**  
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/0784 (2010.01)**

[25] EN

[54] **METHOD FOR OBTAINING MONOCYTES OR NK CELLS**

[54] **PROCEDE POUR OBTENIR DES MONOCYTES OU DES CELLULES TUEUSES NATURELLES**

[72] ABE, HIROYUKI, JP  
[72] KAWASAKI, HIROAKI, JP  
[71] ABE, HIROYUKI, JP  
[71] KAWASAKI, HIROAKI, JP

[85] 2014-12-10  
[86] 2013-07-10 (PCT/JP2013/068878)  
[87] (WO2014/021070)  
[30] JP (2012-172245) 2012-08-02

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[21] **2,876,261**  
[13] A1

[51] **Int.Cl. A23L 1/105 (2006.01)**  
[25] EN  
[54] **A METHOD OF PREPARING AN OAT PROTEIN AND FIBER PRODUCT**  
[54] **PRODUIT A BASE DE PROTEINE D'AVOINE ET DE FIBRES**  
[72] WHALEN, PAUL, US  
[71] OAT TECH, INC., US  
[85] 2014-07-17  
[86] 2013-01-17 (PCT/US2013/021950)  
[87] (WO2013/109760)  
[30] US (61/587,242) 2012-01-17

[21] **2,876,262**  
[13] A1

[51] **Int.Cl. H01M 10/38 (2006.01) H01M 2/16 (2006.01) H01M 10/39 (2006.01) H01M 10/42 (2006.01)**  
[25] EN  
[54] **ELECTRODE UNIT**  
[54] **UNITE D'ELECTRODES**  
[72] HUBER, GUNTHER, DE  
[72] ZERPA UNDA, JESUS ENRIQUE, DE  
[72] LUTZ, MICHAEL, DE  
[72] HEIDEBRECHT, PETER, DE  
[72] BAYER, DOMNIK, BW  
[72] JABCZYNSKI, WOLFGANG, DE  
[72] DURR, ANNA KATHARINA, DE  
[72] FREITAG, KATRIN, DE  
[71] BASF SE, DE  
[85] 2014-12-10  
[86] 2013-06-11 (PCT/EP2013/062034)  
[87] (WO2013/186213)  
[30] EP (12171490.1) 2012-06-11  
[30] US (61/657,915) 2012-06-11

[21] **2,876,263**  
[13] A1

[51] **Int.Cl. B30B 9/12 (2006.01) B30B 9/18 (2006.01) C02F 11/12 (2006.01)**  
[25] EN  
[54] **METHOD FOR REMOVING LIQUID FROM A SLURRY**  
[54] **PROCEDE POUR ELIMINER UN LIQUIDE D'UNE SUSPENSION**  
[72] MILLER, WILLIAM, CA  
[72] RICHARDSON, TREVOR, CA  
[72] ROWLAND, STEPHEN A., CA  
[71] VOITH PATENT GMBH, DE  
[71] IOGEN ENERGY CORPORATION, CA  
[85] 2014-12-10  
[86] 2013-06-11 (PCT/EP2013/061944)  
[87] (WO2013/186184)  
[30] US (61/658,968) 2012-06-13

[21] **2,876,264**  
[13] A1

[51] **Int.Cl. B29C 45/73 (2006.01)**  
[25] EN  
[54] **A COMPONENT OF A MOLDING SYSTEM FOR COOLING A MOLDED ARTICLE**  
[54] **ELEMENT D'UN SYSTEME DE MOULAGE POUR LE REFROIDISSEMENT D'UN ARTICLE MOULE**  
[72] NIEWELS, JOACHIM JOHANNES, CA  
[72] STEDMAN, SCOTT MICHAEL, CA  
[72] WITZ, JEAN-CHRISTOPHE, FR  
[72] KMOCH, SVEN, DE  
[72] FISCH, RALF WALTER, DE  
[72] LUIJS, RUUD MARIA THEODORUS, CA  
[72] YANKOV, PETER, CA  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2014-12-10  
[86] 2013-05-31 (PCT/CA2013/050420)  
[87] (WO2013/188969)  
[30] US (61/662,616) 2012-06-21  
[30] US (61/663,072) 2012-06-22

[21] **2,876,265**  
[13] A1

[51] **Int.Cl. H01M 10/38 (2006.01) H01M 2/16 (2006.01) H01M 10/39 (2006.01) H01M 10/42 (2006.01)**  
[25] EN  
[54] **ELECTRODE UNIT**  
[54] **UNITE D'ELECTRODES**  
[72] HUBER, GUNTHER, DE  
[72] ZERPA UNDA, JESUS ENRIQUE, DE  
[72] DURR, ANNA KATHARINA, DE  
[72] JABCZYNSKI, WOLFGANG, DE  
[72] FREITAG, KATRIN, DE  
[71] BASF SE, DE  
[85] 2014-12-10  
[86] 2013-06-11 (PCT/EP2013/062011)  
[87] (WO2013/186204)  
[30] EP (12171490.1) 2012-06-11  
[30] US (61/657,915) 2012-06-11

[21] **2,876,266**  
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **METHODS AND RELATED SYSTEMS OF BUILDING MODELS AND PREDICTING OPERATIONAL OUTCOMES OF A DRILLING OPERATION**  
[54] **PROCEDES ET SYSTEMES CONNEXES POUR LA MODELISATION ET LA PREDICTION DES RESULTATS OPERATIONNELS D'UNE OPERATION DE FORAGE**  
[72] GERMAIN, OLIVIER, US  
[72] RANGARAJAN, KESHAVA P., US  
[72] SINGH, AMIT K., US  
[72] TEUNISSEN, HERMANUS, US  
[72] ADARI, RAM N., US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2014-12-09  
[86] 2013-06-07 (PCT/US2013/044786)  
[87] (WO2013/188241)  
[30] US (61/657,920) 2012-06-11

[21] **2,876,268**  
[13] A1

[51] **Int.Cl. C07D 213/86 (2006.01) C07D 401/14 (2006.01) C07B 61/00 (2006.01)**  
[25] EN  
[54] **METHOD OF PRODUCING 4-[5-(PYRIDIN-4-YL)-1H-1,2,4-TRIAZOLE-3-YL]PYRIDIN-2-CARBONITRILE, AND INTERMEDIATE THEREOF**  
[54] **PROCEDE DE PRODUCTION DU 4-[5-(PYRIDIN-4-YL)-1H-1,2,4-TRIAZOLE-3-YL]PYRIDIN-2-CARBONITRILE, ET D'UN INTERMEDIAIRE DE CELUI-CI**  
[72] IWABUCHI, YOSHIYUKI, JP  
[72] MIYATA, SACHIO, JP  
[72] UDA, JUNICHIRO, JP  
[72] NAGATA, OSAMU, JP  
[71] FUJIYAKUHIN CO., LTD., JP  
[85] 2014-12-10  
[86] 2013-07-24 (PCT/JP2013/070005)  
[87] (WO2014/017516)  
[30] JP (2012-177538) 2012-07-25

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[21] **2,876,269**  
[13] A1  
[51] **Int.Cl. B01J 20/00 (2006.01) B01D 53/02 (2006.01) B01D 53/64 (2006.01) B01J 20/10 (2006.01) B01J 20/20 (2006.01)**  
[25] EN  
[54] **SORBENTS FOR REMOVAL OF MERCURY**  
[54] **SORBANTS POUR L'ELIMINATION DU MERCURE**  
[72] TRAMPOSCH, WALTER G., US  
[72] MIMNA, RICHARD A., US  
[71] CALGON CARBON CORPORATION, US  
[85] 2014-12-09  
[86] 2013-06-11 (PCT/US2013/045061)  
[87] (WO2013/188327)  
[30] US (61/658,258) 2012-06-11  
[30] US (13/841,315) 2013-03-15

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[21] **2,876,270**  
[13] A1  
[51] **Int.Cl. B65G 43/10 (2006.01)**  
[25] FR  
[54] **MODULAR CONVEYOR SYSTEM AND CORRESPONDING METHOD**  
[54] **SYSTEME DE CONVOYAGE MODULAIRE ET PROCEDE CORRESPONDANTS**  
[72] COLLOT, PATRICK, FR  
[71] SAVOYE, FR  
[85] 2014-12-10  
[86] 2013-06-13 (PCT/EP2013/062213)  
[87] (WO2013/186288)  
[30] FR (1255646) 2012-06-15

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[21] **2,876,271**  
[13] A1  
[51] **Int.Cl. F16D 65/22 (2006.01) B60T 7/20 (2006.01) B62D 63/08 (2006.01) F16D 51/20 (2006.01)**  
[25] EN  
[54] **SAFETY ACTUATION MECHANISM FOR TRAILER ELECTRIC DRUM BRAKE**  
[54] **MECANISME D'ACTIONNEMENT DE SECURITE POUR FREIN ELECTRIQUE A TAMBOUR DE REMORQUE**  
[72] MERCURE, ROGER, CA  
[71] MERCURE, ROGER, CA  
[85] 2014-12-10  
[86] 2013-06-12 (PCT/CA2013/050443)  
[87] (WO2013/185226)  
[30] US (61/658,565) 2012-06-12

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[21] **2,876,275**  
[13] A1  
[51] **Int.Cl. H04R 3/00 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR AUTOMATICALLY IDENTIFYING MICROPHONE PIN AND GROUND PIN OF AUDIO INTERFACE AND ELECTRONIC SIGNATURE TOKEN**  
[54] **PROCEDE ET DISPOSITIF POUR UNE IDENTIFICATION AUTOMATIQUE D'UNE BROCHE DE MICROPHONE ET D'UNE BROCHE DE MISE A LA TERRE D'UNE INTERFACE AUDIO**  
[72] LI, DONGSHENG, CN  
[71] TENDYRON CORPORATION, CN  
[85] 2014-12-10  
[86] 2013-06-13 (PCT/CN2013/077143)  
[87] (WO2013/185609)  
[30] CN (201210196122.3) 2012-06-13

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[21] **2,876,276**  
[13] A1  
[51] **Int.Cl. H01M 8/02 (2006.01) C23C 22/24 (2006.01) C23C 26/00 (2006.01) C23C 28/04 (2006.01) C25D 11/26 (2006.01) H01M 8/10 (2006.01)**  
[25] EN  
[54] **TITANIUM OR TITANIUM ALLOY MATERIAL FOR FUEL CELL SEPARATOR HAVING HIGH CONTACT CONDUCTIVITY WITH CARBON AND HIGH DURABILITY, FUEL CELL SEPARATOR INCLUDING THE SAME, AND MANUFACTURING METHOD THEREFOR**  
[54] **TITANE OU ALLIAGE DE TITANE DESTINE A UN SEPARATEUR DE PILE A COMBUSTIBLE DOTE D'UNE CONDUCTIVITE DE CONTACT AVEC LE CARBONE ET D'UNE DURABILITE AMELIOREES, SEPARATEUR DE PILE A COMBUSTIBLE UTILISANT CELUI-CI ET SON PROCEDE DE PRODUCTION**  
[72] KHIRA, HIROSHI, JP  
[72] YOSIDA, YUICHI, JP  
[72] KAGAWA, TAKU, JP  
[72] NISHIMOTO, TAKUMI, JP  
[72] TANAKA, KOKI, JP  
[72] KIMURA, MASAO, JP  
[72] TOKUNO, KIYONORI, JP  
[72] TAKAHASHI, KAZUHIRO, JP  
[72] DOMOTO, TAKASHI, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-12-10  
[86] 2013-07-30 (PCT/JP2013/070550)  
[87] (WO2014/021298)  
[30] JP (2012-170363) 2012-07-31

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[21] **2,876,277**  
[13] A1  
[51] **Int.Cl. A61M 39/02 (2006.01) A61N 1/05 (2006.01)**  
[25] EN  
[54] **ENDOSSEOUS ASSEMBLY FOR PERCUTANEOUS CONNECTOR**  
[54] **ENSEMBLE ENDO-OSSEUX POUR CONNECTEUR PAR VOIE PERCUTANEE**  
[72] SABIN, PIERRE, FR  
[72] QUELENN, PIERRE-YVES, FR  
[71] PLUGMED HEART, FR  
[85] 2014-12-10  
[86] 2013-06-28 (PCT/EP2013/063623)  
[87] (WO2014/001501)  
[30] US (61/665,866) 2012-06-28  
[30] US (61/676,975) 2012-07-29

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[21] **2,876,279**  
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) B01L 3/00 (2006.01)**  
[25] EN  
[54] **A METHOD AND DEVICE FOR PERFORMING BIOLOGICAL AND/OR CHEMICAL ASSAYS**  
[54] **PROCEDE ET DISPOSITIF POUR EFFECTUER DES DOSAGES BIOLOGIQUES ET/OU CHIMIQUES**  
[72] TORNAY, RAPHAEL, CH  
[72] DEMIERRE, NICOLAS, CH  
[72] DE GIL, JOSE, CH  
[72] MULLER, ROBIN, CH  
[72] FALCONNET, DIDIER, CH  
[71] MYCARTIS NV, BE  
[85] 2014-12-10  
[86] 2013-07-10 (PCT/EP2013/064635)  
[87] (WO2014/009446)  
[30] EP (12175954.2) 2012-07-11

[21] **2,876,280**  
[13] A1

[51] **Int.Cl. C12N 15/90 (2006.01) C12N 5/10 (2006.01) C12N 15/10 (2006.01)**  
[25] EN  
[54] **SITE-SPECIFIC INTEGRATION**  
[54] **SITE SPECIFIQUE D'INTEGRATION**  
[72] RANCE, JAMES, GB  
[72] YOUNG, ROBERT, GB  
[72] AGOSTINO, MICHAEL J., US  
[72] MOFFAT, MARK, US  
[72] ZHANG, LIN, US  
[72] ZHANG, BAOHONG, US  
[71] LONZA BIOLOGICS PLC, GB  
[71] PFIZER INC., US  
[85] 2014-12-10  
[86] 2013-06-20 (PCT/EP2013/062859)  
[87] (WO2013/190032)  
[30] US (61/663,147) 2012-06-22  
[30] EP (12185330.3) 2012-09-21

[21] **2,876,281**  
[13] A1

[51] **Int.Cl. C07C 29/42 (2006.01) B01D 61/36 (2006.01) C07C 29/80 (2006.01) C07C 33/042 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF METHYLBUTINOL**  
[54] **PROCEDE POUR LA PRODUCTION DE METHYLBUTYNOL**  
[72] OTTIGER, STEFAN, CH  
[72] SCHOLL, THOMAS, CH  
[72] STOFFEL, STEFAN, CH  
[72] KALBERMATTER, KLAUS, CH  
[72] KLEIN, ANDREAS, CH  
[72] NEDUNGADI, KISHORE, CH  
[71] LONZA LTD., CH  
[85] 2014-12-10  
[86] 2013-07-11 (PCT/EP2013/064651)  
[87] (WO2014/009452)  
[30] EP (12175996.3) 2012-07-11

[21] **2,876,283**  
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 31/166 (2006.01) A61K 31/56 (2006.01)**  
[25] EN  
[54] **DRY POWDER FOR INHALATION FORMULATION COMPRISING SALMETEROL XINAFOATE, FLUTICASONE PROPIONATE AND TIOTROPIUM BROMIDE, AND METHOD FOR PREPARING SAME**  
[54] **POUDRE SECHE POUR PREPARATION A INHALER COMPRENANT DU XINAFOATE DE SALMETEROL, DU PROPIONATE DE FLUTICASONE ET DU BROMURE DE TIOTROPIUM, ET PROCEDE DE PREPARATION ASSOCIE**  
[72] KIM, KYEONG SOO, KR  
[72] LEE, DEOKKYU, KR  
[72] KIM, DONG HO, KR  
[72] KIM, YONG IL, KR  
[72] PARK, JAE HYUN, KR  
[72] WOO, JONG SOO, KR  
[71] HANMI PHARM. CO., LTD., KR  
[85] 2014-12-10  
[86] 2013-06-03 (PCT/KR2013/004880)  
[87] (WO2013/187626)  
[30] KR (10-2012-0063665) 2012-06-14

[21] **2,876,284**  
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01)**  
[25] EN  
[54] **OPTIMUM DOSE REGIME OF AN ANTI-NOGO-A ANTIBODY IN THE TREATMENT OF AMYOTROPHIC LATERAL SCLEROSIS**  
[54] **REGIME POSOLOGIQUE OPTIMAL D'UN ANTICORPS ANTI-NOGO-A DANS LE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**  
[72] BULLMAN, JONATHAN, GB  
[72] KRULL, DAVID, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2014-12-10  
[86] 2013-07-03 (PCT/EP2013/064063)  
[87] (WO2014/006105)  
[30] US (61/668,134) 2012-07-05

[21] **2,876,285**  
[13] A1

[51] **Int.Cl. C07K 14/54 (2006.01) C07K 16/18 (2006.01) C07K 19/00 (2006.01)**  
[25] EN  
[54] **INTERLEUKIN-10 FUSION PROTEINS AND USES THEREOF**  
[54] **PROTEINES DE FUSION DE L'INTERLEUKINE-10 ET LEURS UTILISATIONS**  
[72] DUERNER, LYDIA JASMIN, CH  
[72] EMRICH, THOMAS, DE  
[72] FISCHER, JENS, DE  
[72] HOSSE, RALF, CH  
[72] MOESSNER, EKKEHARD, CH  
[72] UMANA, PABLO, CH  
[72] XU, DAIGEN, US  
[71] ROCHE GLYCART AG, CH  
[85] 2014-12-10  
[86] 2013-08-05 (PCT/EP2013/066342)  
[87] (WO2014/023673)  
[30] EP (12179709.6) 2012-08-08

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[21] **2,876,286**  
[13] A1

[51] **Int.Cl. A61K 31/19 (2006.01)**  
[25] EN  
[54] **NUTRITIONAL PRODUCT**  
[54] **PRODUIT NUTRITIONNEL**  
[72] O'DONNELL, MAURA, GB  
[72] LAMBERT, BRIDGET, GB  
[72] WALLIS, PATRICIA, GB  
[72] RUTHERFORD, PATRICIA, GB  
[72] HEALES, SIMON, GB  
[72] HUGHES, SEAN-DAVID, GB  
[72] CROSS, HELEN, GB  
[72] EATON, SIMON, GB  
[71] VITAFLO (INTERNATIONAL) LTD, GB  
[71] UCL BUSINESS PLC, GB  
[85] 2014-12-10  
[86] 2013-06-14 (PCT/GB2013/051561)  
[87] (WO2013/186570)  
[30] GB (1210699.3) 2012-06-15  
[30] US (61/704,277) 2012-09-21

[21] **2,876,287**  
[13] A1

[51] **Int.Cl. C12N 1/14 (2006.01) C12N 9/00 (2006.01) C12N 9/04 (2006.01) C12N 9/10 (2006.01) C12N 9/20 (2006.01) C12P 21/02 (2006.01)**  
[25] EN  
[54] **AGSE-DEFICIENT STRAIN**  
[54] **SOUCHE DEFICIENTE EN AGSE**  
[72] VAN PEIJ, NOEL NICOLAAS MARIA ELISABETH, NL  
[72] BEISHUIZEN, MARTINA, NL  
[72] VAN DE VONDERVOORT, PETER JOZEF IDA, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2014-12-10  
[86] 2013-07-19 (PCT/EP2013/065348)  
[87] (WO2014/013074)  
[30] EP (12177172.9) 2012-07-19  
[30] US (61/673,596) 2012-07-19

[21] **2,876,289**  
[13] A1

[51] **Int.Cl. G06F 3/033 (2013.01) G06F 3/0354 (2013.01)**  
[25] FR  
[54] **STYLET DE SAISIE DE DONNEES**  
[54] **DATA ENTRY STYLUS**  
[72] ACHARI, KARIM, FR  
[72] HUTEAUX, FABIEN, FR  
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR  
[85] 2014-12-10  
[86] 2013-06-21 (PCT/EP2013/063066)  
[87] (WO2013/190124)  
[30] FR (1255952) 2012-06-22

[21] **2,876,290**  
[13] A1

[51] **Int.Cl. H04B 1/00 (2006.01) H03D 7/16 (2006.01)**  
[25] EN  
[54] **PROGRAMMABLE DIGITAL UP-CONVERSION FOR CONCURRENT MULTI-BAND SIGNALS**  
[54] **ELEVATION DE FREQUENCE NUMERIQUE PROGRAMMABLE POUR SIGNAUX A BANDES MULTIPLES SIMULTANES**  
[72] MORRIS, BRADLEY JOHN, CA  
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE  
[85] 2014-12-10  
[86] 2013-03-28 (PCT/IB2013/052526)  
[87] (WO2013/136319)  
[30] US (13/490,801) 2012-06-07

[21] **2,876,291**  
[13] A1

[51] **Int.Cl. B01D 17/00 (2006.01) B01D 21/00 (2006.01) B01J 8/00 (2006.01) B01J 23/75 (2006.01) C10G 2/00 (2006.01)**  
[25] FR  
[54] **METHOD FOR SYNTHESISING HYDROCARBONS FROM SYNTHESIS GAS INCLUDING OUTER LOOP TEMPERATURE CONTROL**  
[54] **PROCEDE DE SYNTHESE D'HYDROCARBURES A PARTIR DE GAZ DE SYNTHESE AVEC CONTROLE DE LA TEMPERATURE DE LA BOUCLE EXTERNE**  
[72] HERAUD, JEAN-PHILIPPE, FR  
[72] VIGUIE, JEAN-CHRISTOPHE, FR  
[72] BOUCHER, SEBASTIEN, FR  
[72] DELLA TORRE, CHIARA, IT  
[72] MIGNONE, ELSA, IT  
[71] IFP ENERGIES NOUVELLES, FR  
[71] ENI SPA, IT  
[85] 2014-12-10  
[86] 2013-04-10 (PCT/FR2013/050774)  
[87] (WO2013/190191)  
[30] FR (12/01.731) 2012-06-18

[21] **2,876,292**  
[13] A1

[51] **Int.Cl. A61B 10/00 (2006.01)**  
[25] EN  
[54] **DEVICE WITH PENETRABLE SEPTUM AND CLOSURE, AND NEEDLE**  
[54] **DISPOSITIF AVEC SEPTUM PENETRABLE ET AIGUILLE A FERMETURE**  
[72] PY, DANIEL, FR  
[71] DR. PY INSTITUTE LLC, US  
[85] 2014-12-10  
[86] 2013-06-13 (PCT/US2013/045732)  
[87] (WO2013/188703)  
[30] US (61/659,382) 2012-06-13  
[30] US (61/799,744) 2013-03-15

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[21] **2,876,293**  
[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01)**  
[25] EN  
[54] **COMBINATION FOR TREATING AN INFLAMMATORY DISORDER**  
[54] **COMBINAISON DE TRAITEMENT D'UN TROUBLE INFLAMMATOIRE**  
[72] FINN, JONATHAN D., NL  
[71] ARTHROGEN B.V., NL  
[85] 2014-12-10  
[86] 2013-06-26 (PCT/NL2013/050455)  
[87] (WO2014/003553)  
[30] EP (12173853.8) 2012-06-27  
[30] US (61/664,818) 2012-06-27

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[21] **2,876,294**  
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/22 (2006.01) A61K 9/24 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL FORM FOR EXTENDED RELEASE OF ACTIVE SUBSTANCES**  
[54] **FORME GALENIQUE POUR LA LIBERATION PROLONGEE DE SUBSTANCES ACTIVES**  
[72] FRANCAS, GERNOT, DE  
[72] PRZYKLENK, KARL-HEINZ, DE  
[71] HENNIG ARZNEIMITTEL GMBH & CO. KG, DE  
[85] 2014-12-10  
[86] 2013-06-24 (PCT/EP2013/063163)  
[87] (WO2014/001268)  
[30] DE (10 2012 105 512.2) 2012-06-25

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[21] **2,876,295**  
[13] A1

[51] **Int.Cl. B29C 33/76 (2006.01)**  
[25] EN  
[54] **BRANCHING CORE-PIN ASSEMBLY, SYSTEM FOR FORMING BRANCHING CHANNELS AND MOLDED WORK-PIECE**  
[54] **ENSEMBLE BROCHE-NOYAU D'EMBRANCHEMENT, SYSTEME DE FORMATION DE CANAUX D'EMBRANCHEMENT ET PIECE MOULEE**  
[72] KENOWSKI, MICHAEL A., US  
[72] GRIFFITH, NATHAN C., US  
[72] MCMICHAEL, DONALD J., US  
[72] ROTELLA, JOHN A., US  
[71] AVENT, INC., US  
[85] 2014-12-10  
[86] 2013-06-10 (PCT/IB2013/054724)  
[87] (WO2014/001931)  
[30] US (13/535,856) 2012-06-28

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[21] **2,876,296**  
[13] A1

[51] **Int.Cl. C07C 217/56 (2006.01) C07D 213/24 (2006.01)**  
[25] EN  
[54] **COMPOUND AND USE OF COMPOUND TO PREPARE A RADIOLABELLED COMPOUND**  
[54] **COMPOSE ET UTILISATION D'UN COMPOSE POUR PREPARER UN COMPOSE RADIOMARQUE**  
[72] CHRISTIAANS, JOHANNES ANTONIUS MARIA, SG  
[72] WINDHORST, ALBERT DIRK, NL  
[72] METAXAS, ATHANASIOS, NL  
[72] KLEIN, PIETER JACOB, NL  
[72] KOOLJMAN, ESTHER JOHANNA MARIA, NL  
[72] VAN BERCKEL, BART NICOLAAS MARIA, NL  
[71] STICHTING VU-VUMC, NL  
[85] 2014-12-10  
[86] 2013-07-04 (PCT/NL2013/050497)  
[87] (WO2014/007629)  
[30] NL (2009131) 2012-07-05

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[21] **2,876,297**  
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/06 (2006.01) A61N 1/36 (2006.01)**  
[25] EN  
[54] **THERAPY DELIVERY DEVICES AND METHODS FOR NON-DAMAGING NEURAL TISSUE CONDUCTION BLOCK**  
[54] **DISPOSITIFS D'ADMINISTRATION DE THERAPIE ET METHODES POUR NE PAS ENDOMMAGER UN BLOC DE CONDUCTION DE TISSU NEURAL**  
[72] BHADRA, NILOY, US  
[72] KILGORE, KEVIN L., US  
[72] BHADRA, NERENDRA, US  
[72] WAINRIGHT, JESSE, US  
[72] VRABEC, TINA, US  
[72] FRANKE, MANFRED, US  
[71] CASE WESTERN RESERVE UNIVERSITY, US  
[85] 2014-12-10  
[86] 2013-06-14 (PCT/US2013/045859)  
[87] (WO2013/188753)  
[30] US (61/660,383) 2012-06-15  
[30] US (61/821,862) 2013-05-10

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[21] **2,876,299**  
[13] A1

[51] **Int.Cl. A61K 31/593 (2006.01) A61K 31/606 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **CHEMOPREVENTION OF COLORECTAL CANCER**  
[54] **CHIMIO-PREVENTION DU CANCER COLORECTAL**  
[72] GRANDE, ALEXIS, IT  
[72] FERRARINI, FABRIZIO, IT  
[72] PARENTI, SANDRA, IT  
[71] SOFAR SPA, IT  
[85] 2014-12-10  
[86] 2013-06-13 (PCT/IB2013/054846)  
[87] (WO2013/186734)  
[30] IT (MI2012A001041) 2012-06-15

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[21] **2,876,300**  
[13] A1

[51] **Int.Cl. A22C 7/00 (2006.01)**  
[25] FR  
[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF PASTEURISED DRIED MINCED MEAT RECONSTITUTED IN THE FORM OF THIN SLABS, AND UNIT FOR CARRYING OUT SAID METHOD**  
[54] **PROCEDE DE FABRICATION EN CONTINU DE VIANDE HACHEE SECHEE PASTEURISEE, RECONSTITUEE EN PLAQUES MINCES, ET INSTALLATION POUR LA MISE EN OEUVRE DUDIT PROCEDE**  
[72] RISPAL, OLIVIER, FR  
[72] PEYRON, ALAIN, FR  
[71] ADIV DEVELOPPEMENT, FR  
[85] 2014-12-10  
[86] 2013-06-17 (PCT/FR2013/051415)  
[87] (WO2013/190229)  
[30] FR (1255674) 2012-06-18

[21] **2,876,301**  
[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR BREWING A BEVERAGE**  
[54] **METHODE ET DISPOSITIF D'INFUSION D'UNE BOISSON**  
[72] BITTAR, AHMAD, GB  
[72] CROSS, DAVID MURRAY, GB  
[72] PATON, MICHAEL, GB  
[72] SMITH, ALISTAIR DAVID, GB  
[72] TOON, DANIEL THOMAS, GB  
[71] UNILEVER PLC, GB  
[85] 2014-12-10  
[86] 2013-07-02 (PCT/EP2013/063946)  
[87] (WO2014/006050)  
[30] EP (12175405.5) 2012-07-06  
[30] EP (12175406.3) 2012-07-06  
[30] EP (13160328.4) 2013-03-21  
[30] EP (13160324.3) 2013-03-21  
[30] EP (13160325.0) 2013-03-21  
[30] EP (13160326.8) 2013-03-21  
[30] EP (13160342.5) 2013-03-21

[21] **2,876,302**  
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/44 (2006.01)**  
[25] EN  
[54] **CAPSULE, METHOD AND DEVICE FOR BREWING A BEVERAGE**  
[54] **CAPSULE, PROCEDE ET DISPOSITIF POUR INFUSER UNE BOISSON**  
[72] CROSS, DAVID MURRAY, GB  
[72] PATON, MICHAEL, GB  
[72] POPA, CRISTIAN SIMION, GB  
[72] SMITH, ALISTAIR DAVID, GB  
[72] TOON, DANIEL THOMAS, GB  
[72] WILBY, TERENCE JOHN, GB  
[71] UNILEVER PLC, GB  
[85] 2014-12-10  
[86] 2013-07-02 (PCT/EP2013/063948)  
[87] (WO2014/006052)  
[30] EP (12175405.5) 2012-07-06  
[30] EP (12175406.3) 2012-07-06  
[30] EP (13160328.4) 2013-03-21  
[30] EP (13160324.3) 2013-03-21  
[30] EP (13160325.0) 2013-03-21  
[30] EP (13160326.8) 2013-03-21  
[30] EP (13160342.5) 2013-03-21

[21] **2,876,303**  
[13] A1

[51] **Int.Cl. A61K 31/19 (2006.01) G01N 33/50 (2006.01)**  
[25] FR  
[54] **USE OF EPIGENOME-MODIFYING COMPOUNDS FOR THE TREATMENT OF GENETIC MUSCULAR DISEASES LINKED TO A PROTEIN-CONFORMATIONAL DISORDER**  
[54] **UTILISATION DE COMPOSES MODIFIANT L'EPIGENOME POUR LE TRAITEMENT DES MALADIES GENETIQUES MUSCULAIRES LIEES A UNE ANOMALIE DE CONFORMATION PROTEIQUE**  
[72] RICHARD, ISABELLE, FR  
[71] GENETHON, FR  
[85] 2014-12-10  
[86] 2013-07-16 (PCT/FR2013/051705)  
[87] (WO2014/013184)  
[30] FR (1257021) 2012-07-19

[21] **2,876,304**  
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**  
[25] EN  
[54] **GENOME-WIDE METHOD OF ASSESSING INTERACTIONS BETWEEN CHEMICAL ENTITIES AND THEIR TARGET MOLECULES**  
[54] **PROCEDE A L'ECHELLE DU GENOME D'EVALUATION D'INTERACTIONS ENTRE DES ENTITES CHIMIQUES ET LEURS MOLECULES CIBLES**  
[72] YOUNG, RICHARD A., US  
[72] BRADNER, JAMES E., US  
[72] RAHL, PETER B., US  
[72] ANDERS, LARS, US  
[72] MARINEAU, JASON J., US  
[72] QI, JUN, US  
[72] GUENTHER, MATTHEW G., US  
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[85] 2014-12-10  
[86] 2013-06-14 (PCT/US2013/045929)  
[87] (WO2013/188789)  
[30] US (61/659,750) 2012-06-14  
[30] US (61/668,718) 2012-07-06  
[30] US (61/701,434) 2012-09-14  
[30] US (61/800,060) 2013-03-15

[21] **2,876,306**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/02 (2006.01) C07B 59/00 (2006.01)**  
[25] EN  
[54] **DEUTERATED DERIVATIVES OF RUXOLITINIB**  
[54] **DERIVES DEUTERES DE RUXOLITINIB**  
[72] SILVERMAN, I. ROBERT, US  
[72] LIU, JULIE F., US  
[72] MORGAN, ADAM J., US  
[72] PANDYA, BHAUMIK, US  
[72] HARBESON, SCOTT L., US  
[71] CONCERT PHARMACEUTICALS, INC., US  
[85] 2014-12-10  
[86] 2013-06-14 (PCT/US2013/045919)  
[87] (WO2013/188783)  
[30] US (61/660,428) 2012-06-15  
[30] US (61/678,795) 2012-08-02

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[21] **2,876,309**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **BIOMARKER OF RENAL DYSFUNCTION**  
[54] **BIOMARQUEUR DE DYSFONCTIONNEMENT RENAL**  
[72] MCBRIDE, WILLIAM THOMAS, GB  
[72] ARMSTRONG, MARILYN, GB  
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB  
[71] BELFAST HEALTH AND SOCIAL CARE TRUST, GB  
[85] 2014-12-10  
[86] 2013-06-13 (PCT/GB2013/051553)  
[87] (WO2013/186564)  
[30] GB (1210587.0) 2012-06-14

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[21] **2,876,310**  
[13] A1

[51] **Int.Cl. E21B 21/06 (2006.01) E21B 21/08 (2006.01)**  
[25] EN  
[54] **DELAYED ENHANCEMENT OR BREAKING OF VISCOSITY FOR VISCOELASTIC SURFACTANT CONTAINING WELLBORE FLUIDS**  
[54] **AUGMENTATION OU REDUCTION RETARDEE DE LA VISCOSITE DE FLUIDES DE PUIITS DE FORAGE CONTENANT UN TENSIOACTIF VISCOELASTIQUE**  
[72] LU, SHAOHUA, US  
[71] M-I L.L.C., US  
[85] 2014-12-10  
[86] 2012-06-21 (PCT/US2012/043464)  
[87] (WO2013/191694)

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[21] **2,876,311**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/404 (2006.01)**  
[25] EN  
[54] **TOPICAL OPHTHALMOLOGICAL PHARMACEUTICAL COMPOSITION CONTAINING SUNITINIB**  
[54] **COMPOSITION PHARMACEUTIQUE OPHTALMIQUE TOPIQUE CONTENANT DU SUNITINIB**  
[72] BOTTGER, MICHAEL, DE  
[72] VON DEGENFELD, GEORGES, DE  
[72] FREUNDLIEB, JULIA, DE  
[72] HIRTH-DIETRICH, CLAUDIA, DE  
[72] KELDENICH, JOERG, DE  
[72] KLAR, JURGEN, DE  
[72] MUENSTER, UWE, DE  
[72] OHM, ANDREAS, DE  
[72] RICHTER, ANNETT, DE  
[72] RIEDL, BERND, DE  
[72] TELSER, JOACHIM, DE  
[71] BAYER HEALTHCARE LLC, US  
[85] 2014-12-10  
[86] 2013-06-10 (PCT/US2013/044953)  
[87] (WO2013/188283)  
[30] VE (2012-000816) 2012-06-12  
[30] PK (405/2012) 2012-06-25  
[30] EP (PCT/EP2012/062365) 2012-06-26  
[30] JO (170/2012) 2012-06-27  
[30] EP (12198651.7) 2012-12-20

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[21] **2,876,312**  
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE CUFF AND METHOD FOR FUNCTIONAL ELECTRICAL STIMULATION AND MONITORING**  
[54] **BRASSARD IMPLANTABLE ET PROCEDE DE SURVEILLANCE ET STIMULATION ELECTRIQUE FONCTIONNELLE**  
[72] FISHER, LEE, US  
[72] STONE, MATTHEW, US  
[72] TYLER, DUSTIN J., US  
[72] TAN, DANIEL, US  
[72] SCHIEFER, MATTHEW, US  
[72] BRILL, NATALIE, US  
[72] MILLER, MICHAEL, US  
[72] TRIOLO, RONALD, US  
[71] CASE WESTERN RESERVE UNIVERSITY, US  
[85] 2014-12-10  
[86] 2013-06-17 (PCT/US2013/046125)  
[87] (WO2013/188871)  
[30] US (61/660,353) 2012-06-15

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[21] **2,876,313**  
[13] A1

[51] **Int.Cl. B29C 45/17 (2006.01)**  
[25] EN  
[54] **SIDE ACTUATED SHOOTING POT**  
[54] **POT D'INJECTION ACTIONNE PAR LE COTE**  
[72] BELZILE, MANON DANIELLE, US  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2014-12-10  
[86] 2013-06-17 (PCT/US2013/046057)  
[87] (WO2013/192060)  
[30] US (61/662,601) 2012-06-21

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[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) C07K 1/107 (2006.01) C07K 14/62 (2006.01)**  
[25] EN  
[54] **CONJUGATES OF BIOLOGICALLY ACTIVE MOLECULES TO FUNCTIONALIZED POLYMERS**  
[54] **CONJUGUES DE MOLECULES BIOLOGIQUEMENT ACTIVES A DES POLYMERES FONCTIONNALISES**  
[72] KWIATKOWSKI, MAREK, SE  
[71] QUIAPEG AB, SE  
[85] 2014-12-10  
[86] 2013-06-12 (PCT/IB2013/001885)  
[87] (WO2013/186632)  
[30] US (61/658,836) 2012-06-12  
[30] US (61/658,850) 2012-06-12  
[30] US (61/658,853) 2012-06-12  
[30] US (61/658,856) 2012-06-12  
[30] US (61/658,827) 2012-06-12  
[30] US (61/658,839) 2012-06-12  
[30] US (61/658,835) 2012-06-12  
[30] US (61/786,237) 2013-03-14  
[30] US (61/785,996) 2013-03-14  
[30] US (61/786,221) 2013-03-14  
[30] US (61/786,162) 2013-03-14  
[30] US (61/786,265) 2013-03-14  
[30] US (61/786,121) 2013-03-14  
[30] US (61/786,287) 2013-03-14

[21] **2,876,317**  
[13] A1

[51] **Int.Cl. A61M 5/36 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTION AND MANAGEMENT OF AIR-IN-LINE**  
[54] **METHODE ET APPAREIL DE DETECTION ET DE GESTION DE PRESENCE D'AIR DANS UNE TUBULURE**  
[72] BROWNE, AIDAN, US  
[72] JURETICH, JEFFERY T., US  
[72] GUPTA, RAMJI, US  
[72] MARTEL, DANIEL A., US  
[71] ZEVEX, INC., US  
[85] 2014-12-10  
[86] 2013-06-19 (PCT/US2013/046594)  
[87] (WO2014/004216)  
[30] US (13/531,554) 2012-06-24

[21] **2,876,319**  
[13] A1

[51] **Int.Cl. B02C 2/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR A CRUSHER WITH AN INVERTED CYLINDER**  
[54] **APPAREIL ET PROCEDE POUR UN BROYEUR MUNI D'UN CYLINDRE INVERSE**  
[72] DRICKEN, CHUCK, US  
[72] EISNER, ALAN, US  
[72] WOLFE, DEAN, US  
[72] VAN MULLEM, ALBERT, US  
[72] NEITZEL, SEAN, US  
[72] HAVEN, MATTHEW B., US  
[71] TELSMITH, INC., US  
[85] 2014-12-10  
[86] 2013-06-18 (PCT/US2013/046347)  
[87] (WO2013/192196)  
[30] US (61/690,048) 2012-06-18  
[30] US (13/919,659) 2013-06-17

[21] **2,876,321**  
[13] A1

[51] **Int.Cl. A01N 43/42 (2006.01) A61K 31/44 (2006.01)**  
[25] EN  
[54] **NOVEL CABERGOLINE DERIVATIVES**  
[54] **NOUVEAUX DERIVES DE CABERGOLINE**  
[72] ZHANG, JIAN, GB  
[72] AOMER, THOMAS A., US  
[71] MAP PHARMACEUTICALS, INC., US  
[85] 2014-12-10  
[86] 2012-06-22 (PCT/US2012/043687)  
[87] (WO2013/191704)

[21] **2,876,322**  
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01)**  
[25] EN  
[54] **FORMULATIONS AND METHODS FOR REMOVING OIL-WET SOLIDS FROM AQUEOUS STREAMS**  
[54] **FORMULATIONS ET PROCEDES D'ELIMINATION DE MATIERES SOLIDES MOUILLEES PAR L'HUILE A PARTIR DE COURANTS AQUEUX**  
[72] SOANE, DAVID S., US  
[72] MAHONEY, ROBERT P., US  
[72] VERPLOEGEN, ERIC A., US  
[72] PORTILLA, ROSA CASADO, US  
[71] SOANE ENERGY, LLC, US  
[85] 2014-12-10  
[86] 2013-06-18 (PCT/US2013/046356)  
[87] (WO2013/192201)  
[30] US (61/661,584) 2012-06-19  
[30] US (61/695,751) 2012-08-31  
[30] US (61/711,811) 2012-10-10  
[30] US (61/787,508) 2013-03-15

[21] **2,876,323**  
[13] A1

[51] **Int.Cl. H04W 80/00 (2009.01) H04H 20/61 (2009.01) H04W 4/00 (2009.01) H04W 88/00 (2009.01) G08C 17/02 (2006.01) H04R 9/06 (2006.01)**  
[25] EN  
[54] **MEDIA CONTENT CONTROL MODULE AND PRESENTATION DEVICE**  
[54] **MODULE DE CONTROLE DE CONTENU MULTIMEDIA, ET DISPOSITIF DE PRESENTATION**  
[72] MILLEN, SAMUEL L., US  
[71] CUE ACOUSTICS, INC., US  
[85] 2014-12-10  
[86] 2013-06-21 (PCT/US2013/047012)  
[87] (WO2013/192505)  
[30] US (13/530,033) 2012-06-21

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[21] **2,876,326**  
[13] A1

[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/092 (2012.01)**

[25] EN

[54] **FULL TENSOR MICRO-IMPEDANCE IMAGING**

[54] **IMAGERIE TOTALE A MICRO-IMPEDANCE DE TENSEUR**

[72] DONDERICI, BURKAY, US

[72] CELEPCIKAY, FERHAT T., US

[72] SAN MARTIN, LUIS E., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-10

[86] 2012-06-29 (PCT/US2012/044931)

[87] (WO2014/003784)

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[21] **2,876,327**  
[13] A1

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

[25] EN

[54] **MUTATIONAL ANALYSIS OF PLASMA DNA FOR CANCER DETECTION**

[54] **ANALYSE MUTATIONNELLE DE L'ADN DU PLASMA POUR LA DETECTION DU CANCER**

[72] CHIU, WAI KWUN ROSSA, CN

[72] LO, YUK-MING DENNIS, CN

[72] CHAN, KWAN CHEE, CN

[72] JIANG, PEIYONG, CN

[71] THE CHINESE UNIVERSITY OF HONG KONG, CN

[85] 2014-12-10

[86] 2013-06-14 (PCT/IB2013/054898)

[87] (WO2013/190441)

[30] US (61/662,878) 2012-06-21

[30] US (61/682,725) 2012-08-13

[30] US (61/695,795) 2012-08-31

[30] US (61/711,172) 2012-10-08

[30] US (13/801,748) 2013-03-13

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[13] A1

[51] **Int.Cl. F04D 29/70 (2006.01) E21B 47/00 (2012.01) F04D 31/00 (2006.01)**

[25] EN

[54] **SUBSEA COMPRESSOR CLEANING METHOD WHEREIN THE CLEANING LIQUID IS RETRIEVED FROM THE MULTIPHASE PROCESS FLUID**

[54] **PROCEDE DE NETTOYAGE DE COMPRESSEUR SOUS-MARIN DANS LEQUEL LE LIQUIDE DE NETTOYAGE EST RECUPERE DU FLUIDE DE TRAITEMENT A PLUSIEURS PHASES**

[72] BRENNE, LARS, NO

[72] BJORGE, TOR, NO

[72] UNDERBAKKE, HARALD, NO

[72] KIBSGAARD, SVEND TARALD, NO

[71] STATOIL PETROLEUM AS, NO

[85] 2014-12-11

[86] 2012-06-11 (PCT/EP2012/061019)

[87] (WO2013/185801)

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[21] **2,876,331**  
[13] A1

[51] **Int.Cl. F16K 1/12 (2006.01)**

[25] EN

[54] **AXIAL FLUID VALVES HAVING LINEAR ACTUATORS**

[54] **VANNES AXIALES A FLUIDE AVEC ACTIONNEURS LINEAIRES**

[72] SCHADE, ROSS A., US

[72] JACKMAN, PHILLIP, US

[72] BOUWMAN, CHRISTOPHER E., US

[72] GUIEB-NEWTON, SEAN M., US

[72] JOHNSON, SHANE M., US

[72] COREY, BRIAN D., US

[72] MILLER, JUSTIN W., US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2014-12-10

[86] 2013-06-26 (PCT/US2013/047756)

[87] (WO2014/004601)

[30] US (13/534,981) 2012-06-27

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[21] **2,876,332**  
[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) B25J 9/00 (2006.01)**

[25] EN

[54] **AIRBAG FOR EXOSKELETON DEVICE**

[54] **SAC GONFLABLE POUR DISPOSITIF D'EXOSQUELETTE**

[72] GOFFER, AMIT, IL

[71] REWALK ROBOTICS LTD., IL

[85] 2014-12-10

[86] 2013-06-26 (PCT/IL2013/050546)

[87] (WO2014/002092)

[30] US (13/535,485) 2012-06-28

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[21] **2,876,335**  
[13] A1

[51] **Int.Cl. G02B 27/22 (2006.01) G02B 5/08 (2006.01) G02B 6/10 (2006.01) G02B 21/14 (2006.01)**

[25] EN

[54] **MULTIPLE DEPTH PLANE THREE-DIMENSIONAL DISPLAY USING A WAVE GUIDE REFLECTOR ARRAY PROJECTOR**

[54] **AFFICHAGE TRIDIMENSIONNEL A PLANS DE PROFONDEUR MULTIPLES UTILISANT UN PROJECTEUR A RESEAU REFLECTEUR DE GUIDE D'ONDES**

[72] MACNAMARA, JOHN GRAHAM, US

[71] MAGIC LEAP, INC., US

[85] 2014-12-10

[86] 2013-06-11 (PCT/US2013/045267)

[87] (WO2013/188464)

[30] US (61/658,355) 2012-06-11

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[21] **2,876,336**  
[13] A1

[51] **Int.Cl. C25C 3/12 (2006.01)**  
[25] EN  
[54] **INERT ALLOY ANODE USED FOR ALUMINUM ELECTROLYSIS AND PREPARING METHOD THEREFOR**

[54] **ANODE EN ALLIAGE INERTE UTILISEE POUR L'ELECTROLYSE D'ALUMINIUM ET PROCEDE DE PREPARATION ASSOCIE**

[72] SUN, SONGTAO, CN  
[72] FANG, YULIN, CN  
[71] INNER MONGOLIA UNITED INDUSTRIAL CO., LTD., CN

[85] 2014-12-11  
[86] 2013-05-30 (PCT/CN2013/076441)  
[87] (WO2013/185539)  
[30] CN (201210188424.6) 2012-06-11  
[30] CN (201310024019.5) 2013-01-23

[21] **2,876,338**  
[13] A1

[51] **Int.Cl. C11D 3/37 (2006.01) C08B 13/00 (2006.01) C08L 5/00 (2006.01)**  
[25] EN  
[54] **BIODEGRADABLE STABILITY BINDING AGENT FOR A SOLID DETERGENT**

[54] **AGENT DE LIAISON DE STABILITE BIODEGRADABLE POUR UN DETERGENT SOLIDE**

[72] WALTERS, KERRIE E., US  
[72] SILVERNAIL, CARTER, US  
[71] ECOLAB USA INC., US

[85] 2014-12-10  
[86] 2012-08-03 (PCT/US2012/049608)  
[87] (WO2014/021902)

[21] **2,876,339**  
[13] A1

[51] **Int.Cl. F41H 1/04 (2006.01) A42B 3/30 (2006.01)**  
[25] EN  
[54] **A WEARABLE CHASSIS FOR A HELMET**

[54] **CHASSIS PORTABLE POUR UN CASQUE**

[72] AURANEN, PASI, FI  
[72] BORDI, MIKA, FI  
[72] KANKAINEN, TOMI, FI  
[71] SAVOX COMMUNICATIONS OY AB (LTD), FI

[85] 2014-12-11  
[86] 2013-06-13 (PCT/FI2013/050652)  
[87] (WO2013/186444)  
[30] FI (PCT/FI2012/050598) 2012-06-13

[21] **2,876,341**  
[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01)**  
[25] EN  
[54] **STRAPPING ADHESIVE TAPE**

[54] **RUBAN ADHESIF DE CERCLAGE**

[72] KERP, PATRICK, DE  
[72] KRAUSE, CHRISTIAN, DE  
[72] STORBECK, REINHARD, DE  
[72] YANG-VOSS, JIAN, DE  
[71] TESA SE, DE

[85] 2014-12-11  
[86] 2013-08-13 (PCT/EP2013/066903)  
[87] (WO2014/029664)  
[30] DE (DE 10 2012 215 133.8) 2012-08-24

[21] **2,876,342**  
[13] A1

[51] **Int.Cl. C02F 1/52 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR REMOVING FINELY DISPERSED PARTICLES FROM MINING WASTEWATER**

[54] **SYSTEMES ET METHODES D'ELIMINATION DE PARTICULES DISPERSEES FINEMENT D'EAUX USEES D'EXPLOITATION MINIERE**

[72] SOANE, DAVID S., US  
[72] ASHCRAFT, NATHAN, US  
[71] SOANE MINING, LLC, US

[85] 2014-12-10  
[86] 2013-03-07 (PCT/US2013/029632)  
[87] (WO2013/191752)  
[30] US (61/661,152) 2012-06-18

[21] **2,876,343**  
[13] A1

[51] **Int.Cl. A01K 67/033 (2006.01) C12N 15/85 (2006.01) C12N 15/866 (2006.01)**  
[25] EN  
[54] **RECOMBINANT DNA ELEMENTS FOR THE EXPRESSION OF RECOMBINANT PROTEINS IN INSECTS**

[54] **ELEMENTS ADN RECOMBINANTS POUR L'EXPRESSION DE PROTEINES RECOMBINANTES CHEZ DES INSECTES**

[72] GOMEZ SEBASTIAN, SILVIA, ES  
[72] LOPEZ VIDAL, JAVIER, ES  
[72] MARTINEZ ESCRIBANO, JOSE ANGEL, ES

[71] ALTERNATIVE GENE EXPRESSION S.L., ES

[85] 2014-12-11  
[86] 2012-06-12 (PCT/EP2012/061088)  
[87] (WO2012/168493)  
[30] US (61/495,467) 2011-06-10  
[30] EP (11169634.0) 2011-06-10  
[30] EP (PCT/EP2011/068381) 2011-10-20  
[30] EP (PCT/EP2011/072406) 2011-12-12

[21] **2,876,344**  
[13] A1

[51] **Int.Cl. H04N 13/00 (2006.01) G06T 7/00 (2006.01)**  
[25] EN  
[54] **AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR 3D VIDEO CODING**

[54] **APPAREIL, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR UN CODAGE VIDEO EN 3D**

[72] RUSANOVSKYY, DMYTRO, FI  
[72] HANNUKSELA, MISKA MATIAS, FI  
[71] NOKIA CORPORATION, FI

[85] 2014-12-11  
[86] 2013-06-17 (PCT/FI2013/050662)  
[87] (WO2014/009598)  
[30] US (61/662,076) 2012-06-20

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[21] **2,876,345**  
[13] A1

[51] **Int.Cl. C25C 3/18 (2006.01)**  
[25] EN  
[54] **ELECTROLYTE FOR ALUMINUM ELECTROLYSIS AND ELECTROLYSIS PROCESS USING ELECTROLYTE**  
[54] **ELECTROLYTE UTILISE POUR ELECTROLYSE D'ALUMINIUM ET PROCEDE D'ELECTROLYSE UTILISANT L'ELECTROLYTE**  
[72] SUN, SONGTAO, CN  
[72] FANG, YULIN, CN  
[71] INNER MONGOLIA UNITED INDUSTRIAL CO., LTD., CN  
[85] 2014-12-11  
[86] 2013-05-30 (PCT/CN2013/076442)  
[87] (WO2013/185540)  
[30] CN (201210188422.7) 2012-06-11  
[30] CN (201310024018.0) 2013-01-23

[21] **2,876,346**  
[13] A1

[51] **Int.Cl. H04M 1/00 (2006.01) H04W 12/06 (2009.01) G06F 1/16 (2006.01)**  
[25] EN  
[54] **PERSONAL COMPUTER WITH DETACHABLE WIRELESS TELEPHONE**  
[54] **ORDINATEUR PERSONNEL AYANT UN TELEPHONE SANS FIL DETACHABLE**  
[72] SHU, PAUL, US  
[71] SHU, PAUL, US  
[85] 2014-12-10  
[86] 2013-04-30 (PCT/US2013/038959)  
[87] (WO2013/166081)  
[30] US (61/640,364) 2012-04-30  
[30] US (13/543,573) 2012-07-06

[21] **2,876,347**  
[13] A1

[51] **Int.Cl. F01D 25/18 (2006.01)**  
[25] FR  
[54] **PIVOT PIN FOR A TURBINE ENGINE COMPRISING A RING FOR RECOVERING A FLOW OF LUBRICATING OIL WITH A PLURALITY OF LUBRICATING OIL DISCHARGE PORTS**  
[54] **TOURILLON DE TURBOMACHINE COMPORTANT UNE COURONNE DE RECUPERATION D'UN FLUX D'HUILE DE LUBRIFICATION AVEC UNE PLURALITE D'ORIFICES D'EVACUATION D'HUILE DE LUBRIFICATION**  
[72] FONTANEL, EDDY STEPHANE JOEL, FR  
[72] ROSSI, GIULIANA ELISA, FR  
[72] BOUILLER, PHILIPPE, FR  
[72] DA COSTA, EMMANUEL, FR  
[72] FOLL, JULIEN, FR  
[71] SNECMA, FR  
[85] 2014-12-11  
[86] 2013-06-12 (PCT/FR2013/051377)  
[87] (WO2014/001681)  
[30] FR (1256173) 2012-06-28

[21] **2,876,348**  
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/22 (2009.01)**  
[25] EN  
[54] **MONITORING SYSTEM SERVER, MOBILE DEVICE AND METHOD**  
[54] **SYSTEME DE SURVEILLANCE, SERVEUR, DISPOSITIF MOBILE, ET PROCEDE**  
[72] ZIMMER, TIM, GB  
[71] GEOREACH LIMITED, GB  
[85] 2014-12-11  
[86] 2013-03-14 (PCT/GB2013/050635)  
[87] (WO2013/186519)  
[30] GB (1210260.4) 2012-06-11  
[30] GB (1210861.9) 2012-06-20  
[30] GB (1301576.3) 2013-01-29

[21] **2,876,349**  
[13] A1

[51] **Int.Cl. C08L 77/00 (2006.01) C08G 77/455 (2006.01) C08L 71/00 (2006.01) C08L 83/00 (2006.01) C08L 83/10 (2006.01)**  
[25] EN  
[54] **MELT-PROCESSABLE POLYAMIDE COMPOSITIONS HAVING SILICONE-CONTAINING POLYMERIC PROCESS ADDITIVE**  
[54] **COMPOSITIONS DE POLYAMIDE TRANSFORMABLE A L'ETAT FONDU COMPRENANT UN ADDITIF DE PROCEDE POLYMERE CONTENANT DE LA SILICONE ADDITIVE**  
[72] DILLON, MARIA P., US  
[72] LAVALEE, CLAUDE, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2014-12-10  
[86] 2013-05-23 (PCT/US2013/042477)  
[87] (WO2013/188075)  
[30] US (61/658,203) 2012-06-11

[21] **2,876,350**  
[13] A1

[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/80 (2006.01)**  
[25] EN  
[54] **FIXING DEVICE FOR FIXING THE FRACTURE ENDS OF THE BONES IN A BONE FRACTURE, AND TENSIONING ELEMENT, ANGLE CLAMPING SLEEVE AND CORRESPONDING METHOD**  
[54] **DISPOSITIF DE FIXATION POUR FIXER DES EXTREMITES D'OS FRACTUREES D'UNE FRACTURE OSSEUSE, ELEMENT DE SERRAGE, DOUILLE DE BLOCAGE ANGULAIRE ET PROCEDE ASSOCIE**  
[72] WAIZENEGGER, MARKUS, DE  
[71] HIPP MEDICAL AG, DE  
[85] 2014-12-11  
[86] 2013-03-13 (PCT/EP2013/000750)  
[87] (WO2013/185864)  
[30] DE (10 2012 105 123.2) 2012-06-13

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[21] **2,876,351**  
[13] A1

[51] **Int.Cl. C08L 83/10 (2006.01) C08G 77/455 (2006.01) C08K 5/3432 (2006.01) C08L 23/04 (2006.01) C08L 67/00 (2006.01)**

[25] EN

[54] **MELT-PROCESSABLE COMPOSITIONS HAVING SILICONE-CONTAINING POLYMERIC PROCESS ADDITIVE AND SYNERGIST**

[54] **COMPOSITIONS POUVANT ETRE TRAITÉES A L'ÉTAT FONDU COMPRENANT UN ADDITIF DE PROCESSUS POLYMERÉ A BASE DE SILICONE ET UN PRODUIT SYNERGISTE**

[72] DUCHESNE, DENIS, US  
[72] DILLON, MARIA P., US  
[72] LAVALÉE, CLAUDE, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2014-12-10  
[86] 2013-05-23 (PCT/US2013/042485)  
[87] (WO2013/188076)  
[30] US (61/658,187) 2012-06-11

[21] **2,876,352**  
[13] A1

[51] **Int.Cl. C09D 11/00 (2014.01) C09D 17/00 (2006.01)**

[25] FR

[54] **HEAT-STABLE PARTICULATE INK FOR INKJET USE**

[54] **ENCRE PARTICULAIRE THERMOSTABLE POUR APPLICATION JET D'ENCRE**

[72] CAILLIER, LAURENT, FR  
[72] LE BRIS, STEPHANIE, FR  
[71] SEB SA, FR

[85] 2014-12-11  
[86] 2013-06-24 (PCT/FR2013/051471)  
[87] (WO2013/190251)  
[30] FR (1255925) 2012-06-22

[21] **2,876,353**  
[13] A1

[51] **Int.Cl. H01M 2/10 (2006.01) H01M 10/48 (2006.01)**

[25] EN

[54] **DYNAMIC PRESSURE CONTROL IN A BATTERY ASSEMBLY**

[54] **REGULATION DE PRESSION DYNAMIQUE DANS UN ENSEMBLE DE BATTERIE**

[72] KRISTOFEK, GRANT W., US  
[72] LAFONTAINE, SERGE R., US  
[72] HUNTER, IAN W., US  
[71] NUCLEUS SCIENTIFIC, INC., US

[85] 2014-12-10  
[86] 2013-05-28 (PCT/US2013/042854)  
[87] (WO2013/188094)  
[30] US (13/493,592) 2012-06-11

[21] **2,876,354**  
[13] A1

[51] **Int.Cl. C12N 5/078 (2010.01) C12N 5/0789 (2010.01) A61K 31/14 (2006.01)**

[25] EN

[54] **TRANSCRIPTION FACTOR MEDIATED PROGRAMMING TOWARDS MEGAKARYOCYTES**

[54] **PROGRAMMATION A MEDIATION PAR UN FACTEUR DE TRANSCRIPTION VERS LES MEGACARYOCYTES**

[72] PEDERSEN, ROGER, GB  
[72] OUWEHAND, WILLEM, GB  
[72] MOREAU, THOMAS, GB  
[72] GHEVAERT, CEDRIC, GB  
[72] TROTTER, MATTHEW, ES  
[71] CAMBRIDGE ENTERPRISE LIMITED, GB

[85] 2014-12-11  
[86] 2013-06-19 (PCT/GB2013/051600)  
[87] (WO2013/190296)  
[30] GB (1210857.7) 2012-06-19

[21] **2,876,355**  
[13] A1

[51] **Int.Cl. G01R 22/00 (2006.01)**

[25] EN

[54] **VIRTUAL DEMAND AUDITING OF DEVICES IN A BUILDING**

[54] **VERIFICATION DES EXIGENCES VIRTUELLES DE DISPOSITIFS DANS UN BATIMENT**

[72] VAUGHN, TYRELL CRAIG, US  
[72] BESTER, COLIN, US  
[71] SIEMENS INDUSTRY, INC., US

[85] 2014-12-10  
[86] 2013-06-03 (PCT/US2013/043828)  
[87] (WO2013/188142)  
[30] US (13/494,757) 2012-06-12

[21] **2,876,357**  
[13] A1

[51] **Int.Cl. C07D 471/06 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICALLY ACTIVE COMPOUNDS**

[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS**

[72] BLAGG, JULIAN, GB  
[72] BAVETSIAS, VASSILIOS, GB  
[72] MOORE, ANDREW S., AU  
[72] LINARDOPOULOS, SPYRIDON, GB  
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB

[85] 2014-12-11  
[86] 2013-06-21 (PCT/GB2013/051633)  
[87] (WO2013/190319)  
[30] GB (1211021.9) 2012-06-21

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[21] **2,876,358**  
[13] A1

[51] **Int.Cl. G01N 15/14 (2006.01)**  
[25] EN  
[54] **PARTICLE CHARACTERIZATION**  
[54] **CARACTERISATION DE PARTICULES**  
[72] LEWIS, E. NEIL, GB  
[72] MCCAFFREY, JOHN, GB  
[72] HABER, KEN, GB  
[72] BENNETT, PETER, GB  
[72] SANDO, GERALD, GB  
[72] SADOWSKI, TOMASZ, GB  
[71] MALVERN INSTRUMENTS LIMITED, GB  
[85] 2014-12-11  
[86] 2013-06-21 (PCT/GB2013/051641)  
[87] (WO2013/190326)  
[30] US (61/663,527) 2012-06-22  
[30] US (61/679,662) 2012-08-03  
[30] US (13/841,721) 2013-03-15  
[30] US (61/835,409) 2013-06-14

[21] **2,876,359**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) C07F 9/6558 (2006.01)**  
[25] EN  
[54] **PHOSPHORAMIDIC ACID PRODRUGS OF 5 - [5 - PHENYL- 4 - (PYRIDIN- 2 - YLMETHYLAMINO) QUINAZOLIN- 2 - YL] PYRIDINE- 3 - SULFONAMIDE**  
[54] **PROMEDICAMENTS D'ACIDE PHOSPHORAMIDIQUE DE 5-[5-PHENYL-4-(PYRIDIN-2-YLMETHYLAMINO)QUINAZOLIN-2-YLE]PYRIDINE-3-SULFONAMIDE**  
[72] WARRIER, JAYAKUMAR S., IN  
[72] YADEV, NAVNATH DNYANOBA, IN  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2014-12-10  
[86] 2013-06-10 (PCT/US2013/044882)  
[87] (WO2013/188254)  
[30] US (61/657,913) 2012-06-11

[21] **2,876,360**  
[13] A1

[51] **Int.Cl. B01B 1/00 (2006.01) A61L 2/00 (2006.01) A61L 2/20 (2006.01) A61L 2/22 (2006.01) A61L 2/24 (2006.01) A61L 9/03 (2006.01)**  
[25] FR  
[54] **DEVICE FOR EVAPORATING A LIQUID AND ASSOCIATED METHOD**  
[54] **DISPOSITIF D'EVAPORATION D'UN LIQUIDE ET PROCEDE ASSOCIE**  
[72] SARDO, ALBERTO, FR  
[71] XEDA INTERNATIONAL S.A., FR  
[85] 2014-12-11  
[86] 2013-06-20 (PCT/EP2013/062924)  
[87] (WO2014/001201)  
[30] FR (1255999) 2012-06-25

[21] **2,876,362**  
[13] A1

[51] **Int.Cl. G01N 15/14 (2006.01)**  
[25] EN  
[54] **HETEROGENEOUS FLUID SAMPLE CHARACTERIZATION**  
[54] **CARACTERISATION D'ECHANTILLON DE FLUIDE HETEROGENE**  
[72] LEWIS, E. NEIL, GB  
[72] MCCAFFREY, JOHN, GB  
[72] HABER, KEN, GB  
[72] BENNETT, PETER, GB  
[72] SANDO, GERALD, GB  
[72] SADOWSKI, TOMASZ, GB  
[71] MALVERN INSTRUMENTS LIMITED, GB  
[85] 2014-12-11  
[86] 2013-06-21 (PCT/GB2013/051642)  
[87] (WO2013/190327)  
[30] US (61/663,527) 2012-06-22  
[30] US (61/679,662) 2012-08-03  
[30] US (13/841,721) 2013-03-15  
[30] US (61/835,409) 2013-06-14

[21] **2,876,363**  
[13] A1

[51] **Int.Cl. B29C 35/00 (2006.01)**  
[25] EN  
[54] **TOOL MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION D'OUTILS**  
[72] HALFORD, BEN, GB  
[71] SURFACE GENERATION LIMITED, GB  
[85] 2014-12-11  
[86] 2013-06-24 (PCT/GB2013/051651)  
[87] (WO2014/001772)  
[30] GB (1211191.0) 2012-06-25

[21] **2,876,365**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01)**  
[25] EN  
[54] **NOVEL PROCESS FOR PREPARATION OF ANTIBODY CONJUGATES AND NOVEL ANTIBODY CONJUGATES**  
[54] **NOUVEAU PROCEDE DE PREPARATION DE CONJUGUES D'ANTICORPS ET NOUVEAUX CONJUGUES D'ANTICORPS**  
[72] BURT, JOHN, GB  
[72] GODWIN, ANTONY, GB  
[72] BADESCU, GEORGE, GB  
[71] POLYETHERICS LIMITED, DE  
[85] 2014-12-11  
[86] 2013-06-19 (PCT/GB2013/051593)  
[87] (WO2013/190292)  
[30] GB (1210838.7) 2012-06-19  
[30] GB (1306706.1) 2013-04-12

[21] **2,876,366**  
[13] A1

[51] **Int.Cl. B62D 23/00 (2006.01) B62D 27/02 (2006.01)**  
[25] EN  
[54] **VEHICLE BODYWORK AND METHOD OF CONSTRUCTING THE VEHICLE**  
[54] **CARROSSERIE DE VEHICULE ET PROCEDE DE CONSTRUCTION DU VEHICULE**  
[72] JONES, MARK ANDREW, GB  
[72] LETT, BARRY, GB  
[71] GORDON MURRAY DESIGN LIMITED, GB  
[85] 2014-12-11  
[86] 2013-07-05 (PCT/EP2013/064250)  
[87] (WO2014/009271)  
[30] GB (1212206.5) 2012-07-10

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[21] **2,876,367**  
[13] A1

[51] **Int.Cl. G01N 33/24 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR ASSESSING THE LEVEL OF MICROBIAL ACTIVITY OF SOIL**  
[54] **PROCEDE ET UN DISPOSITIF D'EVALUATION DU NIVEAU DE L'ACTIVITE MICROBIENNE DE SOLS**  
[72] SQUARTINI, ANDREA, IT  
[72] CONCHERI, GIUSEPPE, IT  
[72] TIOZZO NETTI, STEFANO, IT  
[71] UNIVERSITA' DEGLI STUDI DI PADOVA, IT  
[85] 2014-12-11  
[86] 2012-06-13 (PCT/IB2012/001157)  
[87] (WO2012/140523)  
[30] IT (VI2011A000154) 2011-06-13

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[21] **2,876,369**  
[13] A1

[51] **Int.Cl. G01V 1/52 (2006.01) G01V 1/50 (2006.01)**  
[25] EN  
[54] **WIDE BANDWIDTH BOREHOLE DIPOLE SOURCE**  
[54] **SOURCE DIPOLAIRE DE TROU DE FORAGE A GRANDE LARGEUR DE BANDE**  
[72] CHANG, CHUNG, US  
[72] SONG, HAOSHI, US  
[72] ZHANG, WEI, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-11  
[86] 2012-06-11 (PCT/US2012/041938)  
[87] (WO2013/187875)

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[21] **2,876,370**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 31/18 (2006.01) C07D 471/08 (2006.01) C07D 471/14 (2006.01) C07D 491/10 (2006.01)**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR TREATING HIV**  
[54] **COMPOSES ET PROCEDES DE TRAITEMENT DU VIH**  
[72] DE LA ROSA, MARTHA ALICIA, US  
[72] JOHNS, BRIAN ALVIN, US  
[72] KAZMIERSKI, WIESLAW MIECZYSLAW, US  
[72] SAMANO, VICENTE, US  
[72] SUWANDI, LITA, US  
[72] TEMELKOFF, DAVID, US  
[72] VELTHUISEN, EMILE, US  
[72] WEATHERHEAD, JASON GORDON, US  
[71] VIIH HEALTHCARE UK LIMITED, GB  
[85] 2014-12-11  
[86] 2013-07-10 (PCT/IB2013/001501)  
[87] (WO2014/009794)  
[30] US (61/670,800) 2012-07-12  
[30] US (61/671,787) 2012-07-15  
[30] US (61/755,047) 2013-01-22  
[30] US (61/764,716) 2013-02-14

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[25] EN  
[54] **PROPHYLACTIC AND/OR THERAPEUTIC AGENT FOR MILD COGNITIVE IMPAIRMENT**  
[54] **AGENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE POUR UN TROUBLE COGNITIF LEGER**  
[72] IHARA, MASAFUMI, JP  
[72] MAKI, TAKAKUNI, JP  
[72] TAGUCHI, AKIHIKO, JP  
[71] FOUNDATION FOR BIOMEDICAL RESEARCH AND INNOVATION, JP  
[85] 2014-12-11  
[86] 2013-06-14 (PCT/JP2013/003740)  
[87] (WO2013/187075)  
[30] JP (2012-135906) 2012-06-15  
[30] JP (2012-223580) 2012-10-05

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[13] A1

[51] **Int.Cl. F16K 31/06 (2006.01)**  
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[54] **SOLENOID VALVE**  
[54] **ELECTROVANNE**  
[72] NANAHARA, MASAKI, JP  
[72] SATO, KEI, JP  
[72] YAMADA, AKIHIRO, JP  
[71] TOYOTA JODOSHA KABUSHIKI KAISHA, JP  
[85] 2014-12-11  
[86] 2012-08-10 (PCT/JP2012/070471)  
[87] (WO2014/024300)

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[13] A1

[51] **Int.Cl. E21B 33/124 (2006.01) E21B 33/12 (2006.01)**  
[25] EN  
[54] **SHUNT TUBE CONNECTION AND DISTRIBUTION ASSEMBLY AND METHOD**  
[54] **ENSEMBLE DE DISTRIBUTION ET DE RACCORDEMENT DE TUBE DE DERIVATION ET PROCEDE**  
[72] CUNNINGHAM, GREGORY SCOTT, US  
[72] LEAST, BRANDON THOMAS, US  
[72] GRECI, STEPHEN MICHAEL, US  
[72] LOPEZ, JEAN MARC, US  
[72] VEIT, JAN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-11  
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[25] EN

[54] **MODULAR ROTARY STEERABLE ACTUATORS, STEERING TOOLS, AND ROTARY STEERABLE DRILLING SYSTEMS WITH MODULAR ACTUATORS**

[54] **ACTIONNEURS ORIENTABLES ROTATIFS MODULAIRES, OUTIL D'ORIENTATION, ET SYSTEMES DE FORAGE ORIENTABLES ROTATIFS COMPORTANT DES ACTIONNEURS MODULAIRES**

[72] SAVAGE, JOHN KEITH, CA  
[72] KIRKHOPE, KENNEDY JOHN, CA  
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-11  
[86] 2012-06-12 (PCT/US2012/042069)  
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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) C01B 31/20 (2006.01)**

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[54] **AIR POLLUTION CONTROL SYSTEM**

[54] **SYSTEME DE TRAITEMENT DE GAZ DE DECHARGE**

[72] NAGAYASU, HIROMITSU, JP  
[72] KAMIJO, TAKASHI, JP  
[72] SATO, YUICHIRO, JP  
[72] HIRATA, TAKUYA, JP  
[72] TANAKA, HIROSHI, JP  
[72] HORIZOE, KOUJI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2014-12-11  
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[87] (WO2013/187294)  
[30] JP (2012-136069) 2012-06-15

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[13] A1

[51] **Int.Cl. B44C 5/04 (2006.01) B44F 9/02 (2006.01)**

[25] EN

[54] **PANEL HAVING DECOR LAYER AND METHOD FOR IMPRINTING PLATES**

[54] **PANNEAU PRESENTANT UNE COUCHE DECORATIVE ET PROCEDE D'IMPRESSION DE PLAQUES**

[72] DOHRING, DIETER, DE  
[71] KRONOPLUS TECHNICAL AG, CH

[85] 2014-12-11  
[86] 2012-06-13 (PCT/EP2012/061207)  
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[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G06F 9/455 (2006.01) G06F 12/14 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF SECURE DOMAIN ISOLATION**

[54] **SYSTEMES ET PROCEDES D'ISOLATION DE DOMAINE SECURISEE UTILISANT DES FONCTIONS DE NOYAU DE SEPARATION**

[72] MOORING, EDWARD T., US  
[71] LYNX SOFTWARE TECHNOLOGIES INC., US

[85] 2014-12-11  
[86] 2012-06-13 (PCT/US2012/042330)  
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[13] A1

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[25] EN

[54] **PIPERIDINYLPYRAZOLOPYRIDINE DERIVATIVE**

[54] **DERIVE DE PIPERIDINYLPYRAZOLOPYRIDINE**

[72] KOBAYASHI, HIDEKI, JP  
[72] OHKAWA, NOBUYUKI, JP  
[72] TAKANO, DAISUKE, JP  
[72] KUBOTA, HIDEKI, JP  
[72] ONODA, TOSHIO, JP  
[72] KANEKO, TOSHIO, JP  
[72] ARAI, MASAMI, JP  
[72] TERASAKA, NAOKI, JP  
[71] DAIICHI SANKYO COMPANY, LIMITED, JP

[85] 2014-12-11  
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[87] (WO2013/187462)  
[30] JP (2012-134431) 2012-06-14

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[13] A1

[51] **Int.Cl. E21B 19/08 (2006.01) E21B 19/22 (2006.01) E21B 19/24 (2006.01)**

[25] EN

[54] **WELL TRACTOR**

[54] **TRACTEUR DE PUIITS**

[72] LUDWIG, WESLEY N., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-11  
[86] 2012-06-14 (PCT/US2012/042371)  
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[13] A1

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[25] EN

[54] **APPARATUS, SYSTEMS. AND METHODS FOR FLUID FILTRATION**

[54] **APPAREIL, SYSTEMES ET PROCEDES POUR LA FILTRATION DE FLUIDES**

[72] BUTTERS, BRIAN E., CA  
[72] POWELL, ANTHONY L., CA  
[72] PEARCE, JOHN D., CA  
[71] BUTTERS, BRIAN E., CA  
[85] 2014-12-11  
[86] 2013-06-11 (PCT/IB2013/001875)  
[87] (WO2013/186631)  
[30] US (61/658,186) 2012-06-11  
[30] US (61/679,410) 2012-08-03

[21] **2,876,388**  
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01) E21B 43/26 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM, METHOD, & COMPUTER PROGRAM PRODUCT TO DETERMINE PLACEMENT OF FRACTURE STIMULATION POINTS USING MINERALOGY**

[54] **SYSTEME, PROCEDE, ET PRODUIT PROGRAMME D'ORDINATEUR POUR DETERMINER LE POSITIONNEMENT DE POINTS DE STIMULATION DE FRACTURE EN UTILISANT LA MINERALOGIE**

[72] STRINGER, CHARLES FRANCIS, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-11  
[86] 2012-06-14 (PCT/US2012/042499)  
[87] (WO2013/187904)

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[13] A1

[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/80 (2006.01)**

[25] EN

[54] **TENSIONING ELEMENT FOR FIXING THE FRACTURE ENDS OF THE BONES IN A BONE FRACTURE**

[54] **ELEMENT DE SERRAGE POUR FIXER DES EXTREMITES D'OS FRACTUREES D'UNE FRACTURE OSSEUSE**

[72] WAIZENEGGER, MARKUS, DE  
[71] HIPPI MEDICAL AG, DE  
[85] 2014-12-11  
[86] 2013-03-13 (PCT/EP2013/000749)  
[87] (WO2013/185863)  
[30] DE (10 2012 105 125.9) 2012-06-13

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[13] A1

[51] **Int.Cl. C09K 3/00 (2006.01)**

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[54] **PEROXIDE DISPERSIONS**

[54] **DISPERSIONS DE PEROXYDE**

[72] KOZEL, THOMAS H., US  
[72] GRAVELLE, JOSEPH M., US  
[72] BELFORD, TIMOTHY, US  
[72] SALVADOR, TOMAS, US  
[71] ARKEMA INC., US  
[85] 2014-12-11  
[86] 2013-03-01 (PCT/US2013/028492)  
[87] (WO2013/187949)  
[30] US (61/660,148) 2012-06-15

[21] **2,876,393**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 39/395 (2006.01)**

[25] EN

[54] **METHYLATION BIOMARKERS FOR BREAST CANCER**

[54] **BIOMARQUEURS DE METHYLATION POUR LE CANCER DU SEIN**

[72] BAJIC, VLADIMIR, SA  
[72] MANSOUR, HICHAM, SA  
[72] INCITTI, ROBERTO, SA  
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA  
[85] 2014-12-11  
[86] 2013-06-11 (PCT/IB2013/002012)  
[87] (WO2013/186639)  
[30] US (61/659,239) 2012-06-13

[21] **2,876,394**  
[13] A1

[51] **Int.Cl. C08J 7/12 (2006.01) C08F 8/06 (2006.01)**

[25] EN

[54] **POLYMER SURFACES WITH INCREASED SURFACE ENERGY AND APPROPRIATE PRODUCTION METHOD**

[54] **SURFACES POLYMERES A ENERGIE DE SURFACE ACCRUE ET PROCEDE DE FABRICATION DE CES SURFACES**

[72] MEHNERT, REINER, DE  
[72] PREISSLER, HERBERT, DE  
[72] RIEDEL, CARSTEN, DE  
[72] NICKERT, THOMAS, DE  
[71] THOMAS NICKERT DRUCKVEREDELUNG GMBH, DE  
[71] INNOVATIVE OBERFLACHENTECHNOLOGIEN GMBH, DE  
[85] 2014-12-11  
[86] 2013-03-14 (PCT/EP2013/000767)  
[87] (WO2013/167214)  
[30] DE (10 2012 008 789.6) 2012-05-07

[21] **2,876,395**  
[13] A1

[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/035 (2006.01) C09K 8/34 (2006.01)**

[25] EN

[54] **OIL ABSORBENT OILFIELD MATERIALS AS ADDITIVES IN OIL-BASED DRILLING FLUID APPLICATIONS**

[54] **MATERIAUX DE CHAMPS PETROLIFERES ABSORBANT L'HUILE EN TANT QU'ADDITIFS DANS DES APPLICATIONS DE FLUIDES DE FORAGE A BASE D'HUILE**

[72] MORRIS, KAY ANN, US  
[72] MILLER, MATTHEW LYNN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-11  
[86] 2013-03-17 (PCT/US2013/032731)  
[87] (WO2013/191776)  
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[13] A1

[51] **Int.Cl. G01N 29/24 (2006.01)**  
[25] EN  
[54] **ULTRASONIC TESTING DEVICE AND METHOD OF ASSEMBLY**  
[54] **DISPOSITIF DE TEST ULTRASONORE ET PROCEDE D'ASSEMBLAGE**  
[72] OBERDOEFER, YORK, DE  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2014-12-11  
[86] 2013-05-22 (PCT/US2013/042247)  
[87] (WO2013/191847)  
[30] US (13/527,672) 2012-06-20

[21] **2,876,397**  
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01)**  
[25] EN  
[54] **IMPROVED ANTAGONIST ANTIBODIES AGAINST GDF-8 AND USES THEREFOR**  
[54] **ANTICORPS ANTAGONISTES AMELIORES DIRIGES CONTRE GDF-8 ET LEURS UTILISATIONS**  
[72] APGAR, JAMES REASONER, US  
[72] MADER, MICHELLE MARIE, US  
[72] PARRIS, KEVIN DELOS, US  
[71] PFIZER INC., US  
[85] 2014-12-11  
[86] 2013-06-12 (PCT/IB2013/054810)  
[87] (WO2013/186719)  
[30] US (61/660,232) 2012-06-15

[21] **2,876,399**  
[13] A1

[51] **Int.Cl. H04Q 9/00 (2006.01) F23R 3/00 (2006.01)**  
[25] EN  
[54] **A WIRELESS TELEMETRY SYSTEM INCLUDING AN INDUCTION POWER SYSTEM**  
[54] **SYSTEME DE TELEMESURE SANS-FIL INCLUANT UN SYSTEME D'ALIMENTATION PAR INDUCTION**  
[72] BEVLY, ALEX J., III, US  
[71] SIEMENS ENERGY, INC., US  
[85] 2014-12-11  
[86] 2013-06-05 (PCT/US2013/044248)  
[87] (WO2013/191907)  
[30] US (13/529,031) 2012-06-21

[21] **2,876,402**  
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**  
[25] EN  
[54] **PROTEIN EXPRESSION ANALYSES FOR IDENTIFYING GENOTOXIC COMPOUNDS**  
[54] **ANALYSES DE L'EXPRESSION DE PROTEINES POUR L'IDENTIFICATION DE COMPOSES GENOTOXIQUES**  
[72] MUELLER, STEFAN OTTO, DE  
[72] DIETZ, YASMIN, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2014-12-11  
[86] 2013-05-28 (PCT/EP2013/001575)  
[87] (WO2013/185884)  
[30] US (61/659,024) 2012-06-13

[21] **2,876,403**  
[13] A1

[51] **Int.Cl. A61K 31/343 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01)**  
[25] EN  
[54] **DESETHYLAMIODARONE COMPOSITIONS**  
[54] **COMPOSITIONS DE DESETHYLAMIODARONE**  
[72] VARRO, ANDRAS, HU  
[72] MATYUS, PETER, HU  
[72] BACZKO, ISTVAN, HU  
[72] FALKAY, GYORGY, HU  
[72] JOST, NORBERT, HU  
[72] LEPRAN, ISTVAN, HU  
[72] SZTOJKOV-IVANOV, ANITA, HU  
[72] VIRAG, LASZLO, HU  
[72] BUZAS, NORBERT, HU  
[71] SZEGEDI TUDOMANYEGYETEM, HU  
[85] 2014-12-11  
[86] 2013-06-14 (PCT/IB2013/054871)  
[87] (WO2013/186746)  
[30] EP (12172042.9) 2012-06-14  
[30] US (61/659,486) 2012-06-14

[21] **2,876,408**  
[13] A1

[51] **Int.Cl. C10K 1/00 (2006.01) B01D 53/14 (2006.01) C10K 1/16 (2006.01)**  
[25] EN  
[54] **METHOD FOR SELECTIVELY DESULFURIZING A CRUDE SYNTHESIS GAS**  
[54] **PROCEDE DE DESULFURATION SELECTIVE D'UN GAZ BRUT DE SYNTHESE**  
[72] BRANDL, ALEXANDER, DE  
[72] FISCHER, ANNA-MARIA, DE  
[71] LINDE AKTIENGESSELLSCHAFT, DE  
[85] 2014-12-11  
[86] 2013-08-06 (PCT/EP2013/002349)  
[87] (WO2014/023419)  
[30] DE (10 2012 015 727.4) 2012-08-09  
[30] DE (10 2012 016 643.5) 2012-08-21

[21] **2,876,409**  
[13] A1

[51] **Int.Cl. H04M 3/00 (2006.01) H04M 3/51 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IMPROVING THE PRODUCTIVITY OF CALLING AGENTS AND CALL YIELD**  
[54] **PROCEDE ET SYSTEME DESTINES A AMELIORER LA PRODUCTIVITE D'AGENTS D'APPEL ET LE RENDEMENT D'APPELS**  
[72] BENTLEY, WARREN, US  
[72] LEBLANC, ROGER, CA  
[72] STUMPF, MARK R., US  
[71] INTERACTIVE INTELLIGENCE, INC., US  
[85] 2014-12-11  
[86] 2013-06-05 (PCT/US2013/044249)  
[87] (WO2013/188185)  
[30] US (61/657,925) 2012-06-11

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[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G02B 27/01 (2006.01) G06F 3/038 (2013.01) G06K 7/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR EYE TRACKING DATA TRIGGER ARRANGEMENT**

[54] **DISPOSITIF ET PROCEDE DE MISE EN PLACE D'UN DECLENCHEUR DE DONNEES AVEC SUIVI DU REGARD**

[72] KENNEDY, BEN, GB

[72] LUNDQUIST, DAVID, US

[72] MORLEY-SMITH, JAMES, GB

[71] SYMBOL TECHNOLOGIES, INC., US

[85] 2014-12-11

[86] 2013-06-10 (PCT/US2013/044900)

[87] (WO2014/004058)

[30] US (13/537,338) 2012-06-29

[21] **2,876,413**  
[13] A1

[51] **Int.Cl. B63B 21/50 (2006.01) B63B 22/02 (2006.01)**

[25] EN

[54] **DISCONNECTABLE TURRET MOORING SYSTEM**

[54] **SYSTEME DETACHABLE D'AMARRAGE A TOURELLE**

[72] BAUDUIN, CHRISTIAN RAYMOND, FR

[72] TOGGIANI, JEAN-YVES SILVAIN, FR

[72] BENOIT, JEAN PIERRE, FR

[72] PERRIN, JEROME, FR

[71] SINGLE BUOY MOORINGS INC., CH

[85] 2014-12-11

[86] 2013-01-28 (PCT/EP2013/051548)

[87] (WO2013/110807)

[30] EP (12152828.5) 2012-01-27

[21] **2,876,416**  
[13] A1

[51] **Int.Cl. H01M 10/44 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL SLURRY COMPOSITIONS AND METHODS FOR PREPARING THE SAME**

[54] **COMPOSITIONS DE BOUES ELECTROCHIMIQUES ET LEURS PROCEDES DE PREPARATION**

[72] DOHERTY, TRISTAN, US

[72] LIMTHONGKUL, PIMPA, US

[72] BUTROS, ASLI, US

[72] DUDUTA, MIHAI, US

[72] CROSS, JAMES C., III, US

[71] 24M TECHNOLOGIES, INC., US

[85] 2014-12-11

[86] 2013-06-10 (PCT/US2013/044915)

[87] (WO2013/188265)

[30] US (61/659,248) 2012-06-13

[30] US (61/659,736) 2012-06-14

[30] US (61/662,173) 2012-06-20

[30] US (61/665,225) 2012-06-27

[30] US (13/832,861) 2013-03-15

[21] **2,876,418**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR DETERMINATION OF VECTOR BACKBONE IN A NUCLEIC ACID SAMPLE**

[54] **METHODES ET COMPOSITIONS DE DETERMINATION D'UN SQUELETTE DE VECTEUR DANS UN ECHANTILLON D'ACIDE NUCLEIQUE**

[72] HE, CHENGKUN, CN

[72] FAN, CHUNYANG, US

[72] KE, JOHN, US

[72] ZHONG, HENG, US

[72] RUSSELL, DOUG, US

[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2014-12-11

[86] 2013-06-10 (PCT/US2013/044920)

[87] (WO2013/188267)

[30] US (61/658,802) 2012-06-12

[21] **2,876,421**  
[13] A1

[51] **Int.Cl. F01K 25/10 (2006.01) F01K 23/02 (2006.01)**

[25] EN

[54] **TRIPLE EXPANSION WASTE HEAT RECOVERY SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE RECUPERATION DE CHALEUR PERDUE A TRIPLE EXPANSION**

[72] FREUND, SEBASTIAN WALTER, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2014-12-11

[86] 2013-06-10 (PCT/US2013/044923)

[87] (WO2014/004061)

[30] US (13/538,323) 2012-06-29

[21] **2,876,422**  
[13] A1

[51] **Int.Cl. A47J 37/07 (2006.01)**

[25] EN

[54] **GRILL**

[54] **GRIL**

[72] BUCHER, ARMIN, CH

[72] MATHIS, MARC, CH

[71] SOMMERLIVING AG, CH

[85] 2014-12-11

[86] 2013-06-17 (PCT/EP2013/062485)

[87] (WO2014/001115)

[30] CH (00901/12) 2012-06-27

[30] CH (01372/12) 2012-08-16

[21] **2,876,424**  
[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01)**

[25] EN

[54] **USE OF HOP ACIDS FOR BACTERIAL CONTAMINATION CONTROL IN FERMENTATIONS USING ZYMOMONAS MOBILIS**

[54] **UTILISATION D'ACIDES DE HOUBLON POUR LIMITER LA CONTAMINATION BACTERIENNE DANS DES FERMENTATIONS UTILISANT ZYMOMONAS MOBILIS**

[72] LEANA, MARIA C., US

[72] LEFEBVRE, BRIAN G., US

[72] FOX, GEORGE C., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2014-12-11

[86] 2013-06-10 (PCT/US2013/044926)

[87] (WO2013/188269)

[30] US (13/524,277) 2012-06-15

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[21] **2,876,425**  
[13] A1

[51] **Int.Cl. A01G 31/02 (2006.01)**  
[25] EN  
[54] **AUTOMATED HYDROPONIC GREENHOUSE FACTORY**  
[54] **USINE DE SERRE HYDROPONIQUE AUTOMATISEE**  
[72] HESSEL, LIOR, IL  
[72] SMITH, GEOFFREY, GB  
[71] GROWPONICS GREENHOUSE TECHNOLOGY LTD., IL  
[85] 2014-12-11  
[86] 2013-07-01 (PCT/IB2013/055378)  
[87] (WO2014/009842)  
[30] US (61/670,147) 2012-07-11

[21] **2,876,426**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/415 (2006.01) A01H 5/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS INVOLVING ALS VARIANTS WITH NATIVE SUBSTRATE PREFERENCE**  
[54] **METHODES ET COMPOSITIONS IMPLIQUANT DES VARIANTS D'ALS A PREFERENCE POUR LES SUBSTRATS NATIFS**  
[72] ALBERT, HENRIK, US  
[72] ANDREASSI, JOHN LAWRENCE, II, US  
[72] BERTAIN, SEAN, US  
[72] CASTLE, LINDA A., US  
[72] GUTTERIDGE, STEVEN, US  
[72] SIEHL, DANIEL L., US  
[72] WALTER, KAY, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2014-12-11  
[86] 2013-06-10 (PCT/US2013/044969)  
[87] (WO2013/188291)  
[30] US (61/660,097) 2012-06-15

[21] **2,876,427**  
[13] A1

[51] **Int.Cl. B63B 1/10 (2006.01) B63B 1/12 (2006.01) B63B 29/12 (2006.01) B63C 11/49 (2006.01)**  
[25] EN  
[54] **SEMI SUBMARINE**  
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[72] KUSTER, MARTIN, CH  
[71] KUSTER, MARTIN, CH  
[85] 2014-12-11  
[86] 2013-06-14 (PCT/IB2013/054900)  
[87] (WO2013/186760)  
[30] US (61/659,859) 2012-06-14

[21] **2,876,435**  
[13] A1

[51] **Int.Cl. F04D 29/16 (2006.01) F04D 29/28 (2006.01) F04D 29/58 (2006.01)**  
[25] EN  
[54] **CENTRIFUGAL COMPRESSOR IMPELLER COOLING**  
[54] **REFROIDISSEMENT DE ROUE DE COMPRESSEUR CENTRIFUGE**  
[72] BIGI, MANUELE, IT  
[72] CAMATTI, MASSIMO, IT  
[72] KOSAMANA, BHASKARA, IN  
[72] MAVURI, RAJESH, IN  
[72] BORGHETTI, MASSIMILIANO, IT  
[72] MAMIDI, RAJESH, IN  
[71] NUOVO PIGNONE SRL, IT  
[85] 2014-12-11  
[86] 2013-06-18 (PCT/EP2013/062650)  
[87] (WO2013/189943)  
[30] IT (FI2012A000124) 2012-06-19

[21] **2,876,439**  
[13] A1

[51] **Int.Cl. F04D 29/28 (2006.01) F04D 31/00 (2006.01)**  
[25] EN  
[54] **WET GAS COMPRESSOR AND METHOD**  
[54] **COMPRESSEUR A GAZ HUMIDE ET PROCEDE**  
[72] BERTONERI, MATTEO, IT  
[72] CAMATTI, MASSIMO, IT  
[72] BIGI, MANUELE, IT  
[72] PODESTA', LUIGI, IT  
[71] NUOVO PIGNONE SRL, IT  
[85] 2014-12-11  
[86] 2013-06-18 (PCT/EP2013/062653)  
[87] (WO2013/189945)  
[30] IT (FI2012A000125) 2012-06-19

[21] **2,876,443**  
[13] A1

[51] **Int.Cl. C07D 215/08 (2006.01) A61K 31/403 (2006.01) A61K 31/47 (2006.01) A61P 29/00 (2006.01) C07D 209/08 (2006.01) C07D 209/44 (2006.01) C07D 215/14 (2006.01) C07D 215/233 (2006.01) C07D 215/50 (2006.01) C07D 215/54 (2006.01) C07D 217/06 (2006.01) C07D 241/42 (2006.01) C07D 265/36 (2006.01) C07D 271/04 (2006.01)**  
[25] EN  
[54] **NOVEL ADAMANTYL DERIVATIVES AS CANNABINOID RECEPTOR 2 AGONISTS**  
[54] **NOUVEAUX DERIVES D'ADAMANTYLE EN TANT QU'AGONISTES DU RECEPTEUR 2 DE CANNABINOIDES**  
[72] KIMBARA, ATSUSHI, JP  
[72] GREYER, UWE, DE  
[72] NETTEKOVEN, MATTHIAS, DE  
[72] PUELLMANN, BERND, CH  
[72] ROGERS-EVANS, MARK, CH  
[72] SCHULZ-GASCH, TANJA, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2014-12-11  
[86] 2013-07-01 (PCT/EP2013/063773)  
[87] (WO2014/005968)  
[30] EP (12174968.3) 2012-07-04

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[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**  
[25] EN  
[54] **INHALER DEVICE**  
[54] **DISPOSITIF INHALATEUR**  
[72] DEAMER, JOHN, GB  
[72] FARR, PHILIP WILLIAM, GB  
[72] PALMER, MARK GREGORY, GB  
[72] WILSON, ALAN ANTHONY, GB  
[72] PITSON, STEPHEN MAURICE, GB  
[71] GLAXO GROUP LIMITED, GB  
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[86] 2013-07-04 (PCT/EP2013/064133)  
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[25] EN

[54] **LIGHTWEIGHT CONCRETE WITH LOW THERMAL CONDUCTIVITY**

[54] **BETON LEGER AYANT UNE FAIBLE CONDUCTIVITE THERMIQUE**

[72] BERNARDI, SEBASTIEN, FR  
[72] FERREIRA, LAURENT, FR  
[72] MESSAD, SAMIR, FR  
[72] VACHOT, PHILIPPE, FR  
[71] LAFARGE, FR  
[85] 2014-12-11  
[86] 2013-07-05 (PCT/EP2013/064289)  
[87] (WO2014/006194)  
[30] FR (1256535) 2012-07-06

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[51] **Int.Cl. C07D 417/10 (2006.01) C07D 275/02 (2006.01) C07D 279/02 (2006.01) C07D 281/02 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 451/14 (2006.01) C07D 471/04 (2006.01) C07D 471/08 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01) C07D 491/10 (2006.01) C07D 498/10 (2006.01) C07D 513/10 (2006.01)**

[25] EN

[54] **ARYL SULTAM DERIVATIVES AS RORC MODULATORS**

[54] **DERIVES ARYL SULTAMES EN TANT QUE MODULATEURS DE RORC**

[72] BODIL VAN NIEL, MONIQUE, GB  
[72] FAUBER, BENJAMIN, US  
[72] GAINES, SIMON, GB  
[72] GOBBI, ALBERTO, US  
[72] RENE, OLIVIER, US  
[72] VESEY, DAVID, GB  
[72] WARD, STUART, GB  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[85] 2014-12-11  
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[87] (WO2014/009447)  
[30] US (61/670,519) 2012-07-11  
[30] US (61/788,430) 2013-03-15  
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[21] **2,876,452**  
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[25] EN

[54] **TAMPER EVIDENT SEAL**

[54] **SCELLEMENT HERMETIQUE A EVIDENCE D'EFFRACTION**

[72] TRITZ, FRANZ-JOSEF, DE  
[71] JT INTERNATIONAL SA, CH  
[85] 2014-12-11  
[86] 2013-07-17 (PCT/EP2013/065045)  
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[30] EP (12176846.9) 2012-07-18

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[51] **Int.Cl. C07F 5/04 (2006.01)**

[25] EN

[54] **BORTEZOMIB ESTERS AND FORMULATIONS THEREOF**

[54] **ESTERS DE BORTEZOMIB ET FORMULATIONS DE CEUX-CI**

[72] TURCHETTA, STEFANO, IT  
[72] ZENONI, MAURIZIO, IT  
[72] CIAMBECCCHINI, UMBERTO, IT  
[72] BRANDI, PAOLO, IT  
[72] DE SIO, VINCENZO, IT  
[72] BERARDI, GIORGIO, IT  
[71] CHEMI S.P.A., IT  
[85] 2014-12-11  
[86] 2013-08-01 (PCT/EP2013/066224)  
[87] (WO2014/023647)  
[30] IT (MI2012A001394) 2012-08-06

[21] **2,876,455**  
[13] A1

[51] **Int.Cl. G01N 33/557 (2006.01)**

[25] EN

[54] **IMMUNOASSAY-BASED DETERMINATION OF IN-SOLUTION BINDING KINETICS**

[54] **DETERMINATION A BASE D'IMMUNOESSAI DE CINETIQUE DE LIAISON EN SOLUTION**

[72] DAHL, UWE, DE  
[72] JORDAN, GREGOR, DE  
[72] STAACK, ROLAND, DE  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[85] 2014-12-11  
[86] 2013-08-02 (PCT/EP2013/066265)  
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[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/429 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **IMIDAZO[2,1]THIAZOL-3-ONE DERIVATIVES USEFUL AS DIAGNOSTIC AGENTS FOR ALZHEIMER'S DISEASE**

[54] **DERIVES IMIDAZO[2,1]THIAZOL-3-ONE UTILES COMME AGENTS DE DIAGNOSTIC DE LA MALADIE D'ALZHEIMER**

[72] GOBBI, LUCA, CH  
[72] KNUST, HENNER, DE  
[72] KOBLET, ANDREAS, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2014-12-11  
[86] 2013-08-06 (PCT/EP2013/066447)  
[87] (WO2014/026881)  
[30] EP (12180367.0) 2012-08-14

[21] **2,876,461**  
[13] A1

[51] **Int.Cl. F27D 3/16 (2006.01) C21C 5/34 (2006.01)**

[25] EN

[54] **GAS PURGING ELEMENT AND CORRESPONDING GAS SUPPLY LINE**

[54] **ELEMENT DE BARBOTAGE ET CONDUITE D'ALIMENTATION EN GAZ CORRESPONDANTE**

[72] TRUMMER, BERND, AT  
[72] KLIKOVICH, MICHAEL, AT  
[72] KULP, ROMAN, AT  
[72] KNEIS, LEOPOLD, AT  
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT  
[85] 2014-12-11  
[86] 2013-08-07 (PCT/EP2013/066531)  
[87] (WO2014/032923)  
[30] EP (12181902.3) 2012-08-27

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[51] **Int.Cl. C12N 15/16 (2006.01) A01K  
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(2006.01) C12N 5/10 (2006.01) C12N  
15/12 (2006.01) C12N 15/85 (2006.01)  
C12Q 1/00 (2006.01) G01N 33/50  
(2006.01)**

[25] EN

[54] **TRANSGENIC MOUSE MODELS  
FOR MC4R**

[54] **MODELES DE SOURIS  
TRANSGENIQUES DESTINES AU  
MC4R**

[72] BOUVIER, MICHEL, CA

[72] RENE, PATRICIA, CA

[72] TURGEON, BENJAMIN, CA

[71] UNIVERSITE DE MONTREAL, CA

[85] 2014-12-11

[86] 2013-06-14 (PCT/CA2013/050457)

[87] (WO2013/185239)

[30] US (61/659,739) 2012-06-14

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<p style="text-align: center;">[21] 2,869,944 [13] A1</p> <p>[51] <b>Int.Cl. B24D 9/08 (2006.01) B32B 3/24 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>INTERFACE PAD FOR USE BETWEEN AN ABRASIVE ARTICLE AND A SUPPORT TOOL</b></p> <p>[54] <b>TAMPON D'INTERFACE DESTINE A ETRE UTILISE ENTRE UN ARTICLE ABRASIF ET UN OUTIL DE SUPPORT</b></p> <p>[72] CHUNG-FAT, MERVYN, FR</p> <p>[72] BORDES, THOMAS, FR</p> <p>[71] SAINT-GOBAIN ABRASIFS, FR</p> <p>[71] SAINT-GOBAIN ABRASIVES, INC., US</p> <p>[22] 2008-12-23</p> <p>[41] 2009-07-16</p> <p>[62] 2,710,999</p> <p>[30] US (61/009,631) 2007-12-31</p>	<p style="text-align: center;">[21] 2,870,544 [13] A1</p> <p>[51] <b>Int.Cl. G07C 1/30 (2006.01) G06Q 20/32 (2012.01) G07F 17/24 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SINGLE SPACE PARKING METER AND REMOVABLE SINGLE SPACE PARKING METER MECHANISM</b></p> <p>[54] <b>PARCOMETRE POUR AIRE DE STATIONNEMENT SIMPLE ET MECANISME DE PARCOMETRE AMOVIBLE POUR AIRE DE STATIONNEMENT SIMPLE</b></p> <p>[72] MACKAY, GEORGE ALLAN, CA</p> <p>[72] CHAUVIN, GREGORY EMILE, CA</p> <p>[72] MCLARTY, SHAMUS JOHN ANGUS, CA</p> <p>[72] GARVEY, BEN, CA</p> <p>[71] J.J. MACKAY CANADA LIMITED, CA</p> <p>[22] 2012-03-02</p> <p>[41] 2012-05-16</p> <p>[62] 2,770,093</p> <p>[30] CA (2,733,110) 2011-03-03</p> <p>[30] CA (2,756,489) 2011-10-28</p>	<p style="text-align: center;">[21] 2,871,274 [13] A1</p> <p>[51] <b>Int.Cl. F16L 27/08 (2006.01) F16J 15/34 (2006.01) F16J 15/54 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>MULTI-MEDIA ROTATING UNION</b></p> <p>[54] <b>RACCORD UNION ROTATIF POUR MILIEUX DIFFERENTS</b></p> <p>[72] FORD, SCOTT K., US</p> <p>[72] SACRAMENTO, ANTHONY R., JR., US</p> <p>[71] DEUBLIN COMPANY, US</p> <p>[22] 2006-05-17</p> <p>[41] 2006-11-17</p> <p>[62] 2,547,152</p> <p>[30] US (60/681,595) 2005-05-17</p>

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[13] A1

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[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING DIABETES**  
[54] **SYSTEME ET METHODE DE GESTION DU DIABETE**  
[72] CROTHALL, KATHERINE D., US  
[72] BUTOI-TEODORESCU, BODGAN, US  
[72] LAAKMANN, PETER, US  
[71] ANIMAS CORPORATION, US  
[22] 2002-06-21  
[41] 2002-12-21  
[62] 2,391,174  
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[25] EN  
[54] **MULTIAXIAL FABRIC HAVING REDUCED INTERFERENCE PATTERN**  
[54] **TISSU MULTIAXIAL PRESENTANT UN MODELE D'INTERFERENCE REDUIT**  
[72] HAWES, JOHN M., US  
[72] KORNETT, GLENN, US  
[72] RYDIN, BJORN, US  
[72] QUIGLEY, SCOTT, US  
[72] ROYO, MICHAEL A., US  
[72] DONOVAN, JAMES G., US  
[72] YOOK, STEVEN, US  
[71] ALBANY INTERNATIONAL CORP., US  
[22] 2006-04-20  
[41] 2006-11-02  
[62] 2,606,320  
[30] US (11/116,516) 2005-04-28

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[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) C12N 15/113 (2010.01) A61K 48/00 (2006.01) C07H 21/00 (2006.01) C12N 15/87 (2006.01)**  
[25] EN  
[54] **SIRNA CONJUGATE AND PREPARATION METHOD THEREOF**  
[54] **CONJUGUE ET SON PROCEDE DE PREPARATION SIRNA**  
[72] HAN, BO RAM, KR  
[72] PARK, HAN OH, KR  
[72] SHIN, MI SIK, KR  
[72] LEE, SAM YOUNG, KR  
[71] BIONEER CORPORATION, KR  
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[62] 2,761,749  
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[13] A1

[51] **Int.Cl. F21V 7/04 (2006.01) F21S 8/08 (2006.01) F21V 7/10 (2006.01) F21V 19/00 (2006.01)**  
[25] EN  
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[54] **LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION**  
[72] BOYER, JOHN D., US  
[72] VANDEN EYNDEN, JAMES G., US  
[71] LSI INDUSTRIES, INC., US  
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[62] 2,812,765  
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[30] US (12/166,536) 2008-07-02

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[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
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[54] **VISANT A AMELIORER LA FONCTION D'UNE VALVULE CARDIAQUE**  
[72] KERANEN, OLLI, SE  
[71] MEDTENTIA INTERNATIONAL LTD OY, FI  
[22] 2006-09-05  
[41] 2007-03-15  
[62] 2,619,022  
[30] SE (0501993-0) 2005-09-07

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[25] EN  
[54] **APPARATUS AND METHOD FOR REPAIRING PIPES AND PIPE JUNCTIONS**  
[54] **APPAREIL ET PROCEDE DE REPARATION DE TUYAUX ET DE JONCTIONS DE TUYAUX**  
[72] KIEST, LARRY W., JR., US  
[71] LMK TECHNOLOGIES, LLC, US  
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[41] 2012-04-12  
[62] 2,814,095  
[30] US (61/390,432) 2010-10-06

[21] **2,872,140**  
[13] A1

[51] **Int.Cl. A42B 3/12 (2006.01)**  
[25] EN  
[54] **SPORTS HELMET WITH ROTATIONAL IMPACT PROTECTION**  
[54] **CASQUE DE SPORT AVEC PROTECTION CONTRE LES IMPACTS PAR ROTATION**  
[72] DUROCHER, JACQUES, CA  
[72] LAPERRIERE, JEAN-FRANCOIS, CA  
[72] GENEREUX, MARIE-CLAUDE, CA  
[72] COTE, DENIS, CA  
[71] BAUER HOCKEY CORP., CA  
[22] 2012-07-27  
[41] 2012-10-09  
[62] 2,847,669  
[30] US (61/512,266) 2011-07-27  
[30] US (61/587,040) 2012-01-16

[21] **2,872,153**  
[13] A1

[51] **Int.Cl. F21V 7/04 (2006.01) F21S 8/08 (2006.01) F21V 7/10 (2006.01) F21V 19/00 (2006.01)**  
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[54] **ROADWAY LUMINAIRE AND METHODS OF USE**  
[54] **LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION**  
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[72] VANDEN EYNDEN, JAMES G., US  
[71] LSI INDUSTRIES, INC., US  
[22] 2008-10-14  
[41] 2009-04-23  
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[30] US (12/166,536) 2008-07-02

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[21] **2,872,156**  
[13] A1

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[21] **2,872,219**  
[13] A1

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[54] **WINDOW COMPONENT STOCK INDEXING**  
[54] **POSITIONNEMENT DE STOCK DE COMPOSANTS DE FENETRE**

[72] CALCEI, TOM, US  
[72] KHALFOUN, MOHAMED, US  
[72] JAMES, BRIAN G., US  
[72] MCGLINCHY, TIMOTHY B., US  
[72] GRISMER, JOHN, US  
[72] SHEPHERD, ROBERT R., II, US  
[71] GED INTEGRATED SOLUTIONS, INC., US  
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[41] 2006-03-29  
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[21] **2,872,385**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01) C12N 15/12 (2006.01) G01N 33/48 (2006.01)**

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[54] **COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNEY DISEASE**  
[54] **COMPOSES ET METHODES D'ANALYSE GENETIQUE CIBLANT DES GENES DE LA MALADIE POLYKYSTIQUE DES REINS**

[72] JONES, JEFFREY G., US  
[72] HENNIGAN, AIDAN N., US  
[72] CURRAN, JOHN A., US  
[72] ALLEN, SUSAN K., US  
[72] ROBICHAUD, NORMAND J., US  
[72] WANG, JING, US  
[72] FLYNN, KERRY E., US  
[72] GARCES, JORGE A., US  
[72] PALATUCCI, CHRISTOPHER M., US  
[72] SELTZER, WILLIAM K., US  
[71] ATHENA DIAGNOSTICS, INC., US  
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[30] US (10/411,915) 2003-04-11

[21] **2,872,410**  
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[54] **RESEALABLE MULTI-PLY LABEL CONSTRUCTION**  
[54] **CONSTRUCTION D'ETIQUETTES MULTICOUCHE REUTILISABLES**

[72] ZIETLOW, ROBERT C., US  
[72] YOUNG, PATRICK A., US  
[71] WS PACKAGING GROUP, INC., US  
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[41] 2011-09-15  
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[30] US (12/722,229) 2010-03-11

[21] **2,872,499**  
[13] A1

[51] **Int.Cl. G06F 19/18 (2011.01) G06F 19/10 (2011.01) C12Q 1/68 (2006.01) C40B 30/02 (2006.01) C40B 50/02 (2006.01)**

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[54] **INFORMATION PROCESSING SYSTEM USING NUCLEOTIDE SEQUENCE-RELATED INFORMATION**  
[54] **SYSTEME DE TRAITEMENT DE L'INFORMATION UTILISANT DE L'INFORMATION RELIEE A DES SEQUENCES NUCLEOTIDIQUES**

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[71] HITACHI, LTD., JP  
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[41] 2002-11-25  
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[13] A1

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[54] **MUTATIONS DU GENE DE LA PARKINE, COMPOSITIONS, METHODES ET UTILISATIONS**

[72] BRICE, ALEXIS, FR  
[72] LUCKING, CHRISTOPHE, FR  
[72] ABBAS, NACER EDDINE, FR  
[72] DENEFFLE, PATRICE, FR  
[72] RICARD, SYLVAIN, FR  
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[54] **POMPE A ROULEAUX**  
[72] BAUMANN, MANFRED, DE  
[72] BREITKOPF, BERTHOLD, DE  
[72] HUGEL, ELMAR, DE  
[72] NEUBAUER, HERBERT, DE  
[72] NURNBERGER, THOMAS, DE  
[72] SCHNEIDER, JOCHEN, DE  
[72] SPENGLER, GERHARD, DE  
[72] WAMSIEDLER, RALF, DE  
[72] BIESEL, WOLFGANG, DE  
[72] BUSSE, CHRISTIAN, DE  
[72] CARONNA, MARCO, IT  
[72] JONAS, JORG, DE  
[72] REITER, REINHOLD, IT  
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[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE  
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[21] **2,872,701**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 5/10 (2006.01) C12N 15/18 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12Q 1/68 (2006.01) C40B 40/02 (2006.01) C40B 40/08 (2006.01) G01N 33/48 (2006.01)**  
[25] EN  
[54] **METHODS AND AGENTS FOR SCREENING FOR COMPOUNDS CAPABLE OF MODULATING VEGF EXPRESSION**  
[54] **PROCEDES ET AGENTS DE BALAYAGE DE COMPOSES CAPABLES DE MODULER L'EXPRESSION DE VEGF**  
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[72] TROTTA, CHRISTOPHER ROBERT, US  
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[51] **Int.Cl. B64D 29/02 (2006.01) B64C 3/32 (2006.01) B64D 27/12 (2006.01) B64D 27/26 (2006.01)**  
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[71] MITSUBISHI AIRCRAFT CORPORATION, JP  
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[25] EN  
[54] **SIMULATED MOVING BED CHROMATOGRAPHIC SEPARATION PROCESS**  
[54] **PROCEDE DE SEPARATION CHROMATOGRAPHIQUE EN LIT MOBILE SIMULE**  
[72] KELLIHER, ADAM, GB  
[72] MORRISON, ANGUS, GB  
[72] OROSKAR, ANIL, US  
[72] NAIR REMA, RAKESH VIKRAMAN, US  
[72] AGARWAL, ABHILESH, US  
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[41] 2011-07-07  
[62] 2,785,742  
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[30] GB (0922707.5) 2009-12-30  
[30] GB (1015343.5) 2010-09-14

[21] **2,873,205**  
[13] A1

[51] **Int.Cl. C06B 23/00 (2006.01) C06B 31/28 (2006.01) C06B 45/08 (2006.01)**  
[25] EN  
[54] **HEAVY ANFO AND A TAILORED EXPANDED POLYMERIC DENSITY CONTROL AGENT**  
[54] **ANFO LOURD ET FLUIDE ENERGETIQUE DE DENSITE DU POLYMERE EXPANSE**  
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[71] WALDOCK, KEVIN H., AU  
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[21] **2,873,261**  
[13] A1

[51] **Int.Cl. C12N 15/29 (2006.01) A61K 36/899 (2006.01) A61K 39/35 (2006.01) A61K 39/36 (2006.01) A61P 37/08 (2006.01) C07K 14/415 (2006.01) C12N 15/63 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **DNA SEQUENCE, AND RECOMBINANT PREPARATION OF GROUP 4 MAJOR ALLERGENS FROM CEREALS**  
[54] **SEQUENCE D'ADN ET PREPARATION D'ADN RECOMBINANT DES PRINCIPAUX ALLERGENES DU GROUPE 4 PROVENANT DE CEREALES**  
[72] FIEBIG, HELMUT, DE  
[72] NANDY, ANDREAS, DE  
[72] CROMWELL, OLIVER, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE  
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[13] A1

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[54] **POLYMORPHS**  
[54] **POLYMORPHES**  
[72] SIEGER, PETER, DE  
[72] KEMMER, DIRK, DE  
[72] KOHLBAUER, PETER, DE  
[72] NICOLA, THOMAS, DE  
[72] RENZ, MARTIN, DE  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
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[41] 2007-11-15  
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[13] A1

[51] **Int.Cl. B01F 5/00 (2006.01) B01J 19/24 (2006.01) B81B 1/00 (2006.01)**

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[54] **MELANGE IN SITU DANS DES MICRO-CANAUX**  
[72] TONKOVICH, ANNA LEE, US  
[72] JAROSCH, KAI, US  
[72] HESSE, DAVID J., US  
[72] FITZGERALD, SEAN P., US  
[71] VELOCYS, INC., US  
[22] 2004-12-16  
[41] 2005-07-07  
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[13] A1

[51] **Int.Cl. C10G 1/00 (2006.01) B01D 21/00 (2006.01) B03B 9/02 (2006.01) C02F 1/52 (2006.01) C02F 11/12 (2006.01) C10G 1/04 (2006.01) C22B 3/22 (2006.01)**

[25] EN  
[54] **ENHANCED TECHNIQUES FOR DEWATERING THICK FINE TAILINGS WITH FLOCCULANT DOSING ON CLAY BASIS**  
[54] **TECHNIQUES AMELIOREES D'ASSECHEMENT DE RESIDUS FINS ET EPAIS AVEC ETABLISSEMENT DE DOSE DE FLOCCULANT SUR UNE BASE D'ARGILE**  
[72] REVINGTON, ADRIAN PETER, CA  
[72] SANCHEZ, ANA CRISTINA, CA  
[72] BUGG, TREVOR, CA  
[72] OMOTOSO, OLADIPO, CA  
[71] SUNCOR ENERGY INC., CA  
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[41] 2013-12-21  
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[30] US (61/662,726) 2012-06-21

[21] **2,873,773**  
[13] A1

[51] **Int.Cl. H04L 12/46 (2006.01) H04L 9/00 (2006.01) H04L 12/66 (2006.01)**

[25] EN  
[54] **SYSTEMS AND METHODS OF DATA TRANSMISSION AND MANAGEMENT**  
[54] **PROCEDES ET SYSTEMES POUR LA TRANSMISSION ET LA GESTION DE DONNEES**  
[72] STRUMPF, DAVID M., US  
[71] PCN TECHNOLOGY, INC., US  
[22] 2012-03-06  
[41] 2012-09-06  
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[30] US (61/449,688) 2011-03-06

[21] **2,874,014**  
[13] A1

[51] **Int.Cl. F41A 23/08 (2006.01) F41C 23/16 (2006.01) F41C 27/22 (2006.01)**

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[54] **VERTICAL FORE GRIP WITH BIPOD**  
[54] **POIGNEE AVANT VERTICALE AVEC BIPODE**  
[72] MOODY, JOSEPH R., US  
[72] GADDINI, JOSEPH D., US  
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[41] 2008-01-13  
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[21] **2,874,310**  
[13] A1

[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/10 (2006.01)**

[25] EN  
[54] **TUBULAR GUIDING AND GRIPPING APPARATUS AND METHOD**  
[54] **APPAREIL DE GUIDAGE ET DE SAISIE TUBULAIRE ET PROCEDE**  
[72] ANGELLE, JEREMY RICHARD, US  
[72] MOSING, DONALD E., US  
[72] THIBODEAUX, ROBERT, JR., US  
[72] LAFLEUR, BLAINE STEPHEN, US  
[72] STELLY, JOHN ERICK, US  
[71] FRANK'S INTERNATIONAL, INC., US  
[22] 2010-04-30  
[41] 2011-11-03  
[62] 2,800,567

[21] **2,873,780**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN  
[54] **AN INHALER HAVING AN ACTUATOR FOR INDEXING AND PIERCING A BLISTER**  
[54] **UN INHALATEUR AYANT UN ACTIONNEUR POUR REPERER ET PERCER UNE ALVEOLE**  
[72] EASON, STEPHEN WILLIAM, GB  
[72] CLARKE, ROGER WILLIAM, GB  
[72] HARMER, QUENTIN JOHN, GB  
[72] EVANS, PETER ALAN, GB  
[72] AHERN, DAVID GREGORY, GB  
[71] VECTURA DELIVERY DEVICES LIMITED, GB  
[22] 2004-10-18  
[41] 2005-04-28  
[62] 2,814,284  
[30] GB (0324358.1) 2003-10-17

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[21] **2,874,454**  
[13] A1

[51] **Int.Cl. G10L 19/008 (2013.01) H04S 1/00 (2006.01)**

[25] EN

[54] **ENHANCED CODING AND PARAMETER REPRESENTATION OF MULTICHANNEL DOWNMIXED OBJECT CODING**

[54] **CODAGE AMELIORE ET REPRESENTATION DE PARAMETRES D'UN CODAGE D'OBJET A ABAISSEMENT DE FREQUENCE MULTI-CANAL**

[72] ENGDEGARD, JONAS, SE

[72] VILLEMOS, LARS, SE

[72] PURNHAGEN, HEIKO, SE

[72] RESCH, BARBARA, SE

[71] DOLBY INTERNATIONAL AB, NL

[22] 2007-10-05

[41] 2008-04-24

[62] 2,666,640

[30] US (60/829,649) 2006-10-16

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[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 74/04 (2009.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CONFIGURING A LONG DRX CYCLE IN A LTE (E-UTRA) MOBILE COMMUNICATIONS NETWORK**

[54] **PROCEDE ET SYSTEME DE CONFIGURATION D'UN CYCLE A DRX LONGUE DANS UN RESEAU DE COMMUNICATION MOBILE LTE (E-UTRA)**

[72] CAI, ZHIJUN, US

[72] YOUNG, GORDON PETER, GB

[72] WOMACK, JAMES EARL, US

[72] SUZUKI, TAKASHI, JP

[71] BLACKBERRY LIMITED, CA

[22] 2009-03-20

[41] 2009-09-24

[62] 2,719,132

[30] US (61/038,432) 2008-03-21

[21] **2,875,037**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01)**

[25] EN

[54] **ARTICULATION MECHANISM FOR SURGICAL INSTRUMENT**

[54] **MECANISME D'ARTICULATION POUR INSTRUMENT CHIRURGICAL**

[72] SHAH, SACHIN, US

[72] MAFFEI, FRANK C., US

[71] TYCO HEALTHCARE GROUP LP, US

[22] 2008-09-09

[41] 2009-03-28

[62] 2,639,439

[30] US (11/863,653) 2007-09-28

[21] **2,875,086**  
[13] A1

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

[25] EN

[54] **MULTITHREAD SPREADSHEET PROCESSING WITH DEPENDENCY LEVELS**

[54] **TRAITEMENT DE FEUILLE DE CALCUL MULTIFILIERE AVEC NIVEAUX DE DEPENDANCE**

[72] DUZAK, JEFFREY J., US

[72] BECKER, ANDREW, US

[72] ANDROSKI, MATTHEW J., US

[72] CAMPBELL, DUANE, US

[71] MICROSOFT CORPORATION, US

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[41] 2007-12-21

[62] 2,648,875

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[21] **2,875,149**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/94 (2006.01)**

[25] EN

[54] **SURGICAL INSTRUMENT WITH REPLACEABLE LOADING UNIT**

[54] **INSTRUMENT CHIRURGICAL AVEC DISPOSITIF DE CHARGEMENT AMOVIBLE**

[72] SCIRICA, PAUL, US

[71] TYCO HEALTHCARE GROUP LP, US

[22] 2008-07-09

[41] 2009-02-10

[62] 2,637,110

[30] US (11/891,441) 2007-08-10

[21] **2,875,184**  
[13] A1

[51] **Int.Cl. G06F 17/40 (2006.01) G06F 17/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR COLLECTING AND UPDATING GEOGRAPHICAL DATA**

[54] **SYSTEME ET PROCEDE DE COLLECTE ET DE MISE A JOUR DE DONNEES GEOGRAPHIQUES**

[72] SAWYER, TOM Y., JR., US

[72] BECKNER, MARK, US

[72] TUCKER, PAGE, US

[72] JONES, SCOTT AUSTIN, US

[71] GLOBAL PRECISION SOLUTIONS, LLP, US

[22] 2007-03-14

[41] 2007-09-20

[62] 2,643,844

[30] US (60/781,719) 2006-03-14

[30] US (60/868,502) 2006-12-04

[21] **2,875,228**  
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01)**

[25] EN

[54] **MODULAR EXTERNAL INFUSION DEVICE**

[54] **APPAREIL DE PERFUSION MODULAIRE EXTERNE**

[72] ISTOC, EMILIAN, US

[72] PATEL, HIMANSHU P., US

[71] MEDTRONIC MINIMED, INC., US

[22] 2006-09-11

[41] 2007-03-22

[62] 2,622,015

[30] US (11/225,359) 2005-09-13

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[21] **2,875,245**  
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) G06F 19/00 (2011.01) G06T 17/20 (2006.01)**

[25] EN

[54] **DRAWING GRAPHICAL OBJECTS IN A 3D SUBSURFACE ENVIRONMENT**

[54] **DESSIN D'OBJETS GRAPHIQUES DANS UN ENVIRONNEMENT SOUTERRAIN 3D**

[72] PAGE, ALEXANDER G., US  
[72] SIMONS, WILLIAM B., US  
[72] ROSS, WILLIAM C., US  
[72] HOWARD, ROBERT E., US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[22] 2010-09-24  
[41] 2011-03-31  
[62] 2,775,241  
[30] US (12/567,215) 2009-09-25

[21] **2,875,248**  
[13] A1

[51] **Int.Cl. G06T 17/20 (2006.01) G06T 15/00 (2011.01)**

[25] EN

[54] **DRAWING GRAPHICAL OBJECTS IN A 3D SUBSURFACE ENVIRONMENT**

[54] **DESSIN D'OBJETS GRAPHIQUES DANS UN ENVIRONNEMENT SOUTERRAIN 3D**

[72] PAGE, ALEXANDER G., US  
[72] SIMONS, WILLIAM B., US  
[72] ROSS, WILLIAM C., US  
[72] HOWARD, ROBERT E., US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[22] 2010-09-24  
[41] 2011-03-31  
[62] 2,775,241  
[30] US (12/567,215) 2009-09-25

[21] **2,875,392**  
[13] A1

[51] **Int.Cl. G06T 3/00 (2006.01) G06T 7/00 (2006.01) H04N 5/262 (2006.01) H04N 5/335 (2011.01)**

[25] EN

[54] **PRODUCT IMAGING DEVICE, PRODUCT IMAGING METHOD, IMAGE CONVERSION DEVICE, IMAGE PROCESSING DEVICE, IMAGE PROCESSING SYSTEM, PROGRAM, AND INFORMATION RECORDING MEDIUM**

[54] **DISPOSITIF D'IMAGERIE D'UN PRODUIT, PROCEDE D'IMAGERIE D'UN PRODUIT, DISPOSITIF DE CONVERSION D'IMAGES, DISPOSITIF DE TRAITEMENT D'IMAGES, SYSTEME DE TRAITEMENT D'IMAGES, PROGRAMME ET SUPPORT D'ENREGISTREMENT D'INFORMATIONS**

[72] HIRANO, HIROMI, JP  
[71] RAKUTEN, INC., JP  
[22] 2010-09-29  
[41] 2012-03-08  
[62] 2,809,301  
[30] JP (2010-192927) 2010-08-30

[21] **2,875,398**  
[13] A1

[51] **Int.Cl. B65D 71/40 (2006.01)**

[25] EN

[54] **PACKAGE FOR CONTAINERS**

[54] **EMBALLAGE POUR CONTENANTS**

[72] JONES, EDWARD W., US  
[72] GONZALEZ, ANA, ES  
[72] REQUENA, EMILI, ES  
[72] GOMES, JEAN-MANUEL, US  
[72] MAY, KEVIN T., US  
[72] FORD, COLIN, US  
[72] SUNDQUIST, MATTHEW, US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[22] 2011-05-19  
[41] 2011-11-24  
[62] 2,794,866  
[30] US (61/395,885) 2010-05-19

[21] **2,875,478**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12N 15/31 (2006.01)**

[25] EN

[54] **METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT MICROORGANISMS**

[54] **PROCEDE ET TROUSSE PERMETTANT L'IDENTIFICATION DE MICRO-ORGANISMES RESISTANTS AUX ANTIBIOTIQUES**

[72] HOGAN, JAMES J., US  
[72] KAPLAN, SHANNON K., US  
[71] GEN-PROBE INCORPORATED, US  
[22] 2004-05-11  
[41] 2005-02-24  
[62] 2,524,194  
[30] US (60/469,997) 2003-05-13  
[30] US (60/516,100) 2003-10-31

[21] **2,875,522**  
[13] A1

[51] **Int.Cl. A61K 31/132 (2006.01) A61P 39/04 (2006.01)**

[25] EN

[54] **DOSAGE FORMS AND RELATED THERAPIES**

[54] **FORMES POSOLOGIQUES ET TRAITEMENTS S'Y RAPPORTANT**

[72] COOPER, GARTH JAMES SMITH, NZ  
[72] BAKER, JOHN RICHARD, NZ  
[72] BEELEY, NIGEL ROBERT ARNOLD, US  
[71] PHILERA NEW ZEALAND LIMITED, NZ  
[22] 2003-08-20  
[41] 2004-03-04  
[62] 2,496,411  
[30] NZ (520896) 2002-08-20  
[30] NZ (520895) 2002-08-20  
[30] NZ (520897) 2002-08-20  
[30] NZ (524795) 2003-03-17  
[30] NZ (524794) 2003-03-17  
[30] NZ (524796) 2003-03-17

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[21] **2,875,539**  
[13] A1

[51] **Int.Cl. H04W 24/10 (2009.01) H04W 28/00 (2009.01)**

[25] EN

[54] **POWER CONTROL FOR A WIRELESS COMMUNICATION SYSTEM UTILIZING ORTHOGONAL MULTIPLEXING**

[54] **REGLAGE DE PUISSANCE POUR SYSTEME DE COMMUNICATION SANS FIL UTILISANT UN MULTIPLEXAGE ORTHOGONAL**

[72] SUTIVONG, ARAK, US

[72] AGRAWAL, AVNEESH, US

[72] JULIAN, DAVID JONATHAN, US

[71] QUALCOMM INCORPORATED, US

[22] 2005-06-07

[41] 2006-01-19

[62] 2,744,953

[30] US (60/580,819) 2004-06-18

[30] US (10/897,463) 2004-07-22

[21] **2,875,549**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/40 (2006.01) A61K 31/404 (2006.01) A61K 31/4184 (2006.01) A61K 31/428 (2006.01) A61K 31/437 (2006.01) A61K 31/443 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 209/08 (2006.01) C07D 235/06 (2006.01) C07D 401/12 (2006.01) C07D 409/06 (2006.01)**

[25] EN

[54] **SELECTIVE INHIBITORS OF HISTONE DEACETYLASE**

[54] **INHIBITEURS SELECTIFS DE L'HISTONE DESACETYLASE**

[72] VERNER, ERIK, US

[72] BALASUBRAMANIAN, SRIRAM, US

[72] BUGGY, JOSEPH J., US

[71] PHARMACYCLICS, INC., US

[22] 2009-04-15

[41] 2009-10-22

[62] 2,721,218

[30] US (61/045,198) 2008-04-15

[21] **2,875,557**  
[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A01N 41/12 (2006.01) A01N 47/46 (2006.01) A01N 65/00 (2009.01) A01P 17/00 (2006.01) A23K 1/18 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01) A61K 36/8962 (2006.01) A61P 33/00 (2006.01)**

[25] EN

[54] **METHODS AND FEED COMPOSITIONS FOR MASKING OF FISH SEMIOCHEMICALS**

[54] **PROCEDES ET COMPOSITIONS D'ALIMENTS POUR MASQUER DES PRODUITS SEMIOCHIMIQUES POUR POISSONS**

[72] WADSWORTH, SIMON, NO

[72] PINO, JORGE, CL

[72] MORDUE, JENNY, GB

[72] VECINO, JOSE LUIS GONZALEZ, NO

[71] EWOS INNOVATION AS, NO

[22] 2010-12-02

[41] 2011-06-09

[62] 2,782,653

[30] NO (20093460) 2009-12-02

[21] **2,875,571**  
[13] A1

[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/32 (2006.01) A01N 43/18 (2006.01) A01N 43/40 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITIONS COMPRISING GLYPHOSATE FOR TOLERANT OR RESISTANT SOYBEAN CROPS**

[54] **COMPOSITIONS HERBICIDES COMPORTANT DU GLYPHOSATE POUR LES CULTURES DE SOYA TOLERANTES OU RESISTANTES**

[72] HACKER, ERWIN, DE

[72] BIERINGER, HERMANN, DE

[72] WILLMS, LOTHAR, DE

[71] BAYER CROPSCIENCE AG, DE

[22] 1999-08-10

[41] 2000-02-24

[62] 2,782,487

[30] DE (198 36 660.4) 1998-08-13

[21] **2,875,576**  
[13] A1

[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/863 (2013.01) H04L 12/26 (2006.01) H04L 12/58 (2006.01) H04L 29/14 (2006.01)**

[25] EN

[54] **EMAIL USING QUEUES IN NON-PERSISTENT MEMORY**

[54] **COURRIER ELECTRONIQUE UTILISANT DES FILES D'ATTENTE DANS UNE MEMOIRE NON PERSISTANTE**

[72] ADDANTE, FRANK, US

[72] MCQUILLEN, TIM, US

[71] STRONGVIEW SYSTEMS, INC., US

[22] 2004-02-11

[41] 2004-09-02

[62] 2,516,502

[30] US (60/449,301) 2003-02-20

[21] **2,875,770**  
[13] A1

[51] **Int.Cl. H04L 12/859 (2013.01) H04L 12/951 (2013.01) H04L 12/26 (2006.01) H04L 29/06 (2006.01) H04M 11/06 (2006.01)**

[25] EN

[54] **DISTRIBUTED DIGITAL SUBSCRIBER LINE ACCESS MULTIPLEXER**

[54] **MULTIPLEXEUR REPARTI D'ACCES A UNE LIGNE D'ABONNE NUMERIQUE**

[72] BIN ARIS, AZRIN, MY

[72] BINTI RAMLI, SITI SAWIAH, MY

[72] BIN KHYASUDEEN, MUHAMMAD FAHMY, MY

[72] YEAP, TET HIN, CA

[71] TELEKOM MALAYSIA BERHAD, MY

[22] 2006-05-26

[41] 2007-02-11

[62] 2,548,544

[30] MY (PI 2005 3740) 2005-08-11

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LIEW, FUNGMIN	2,876,178	LUO, WENXIN	2,876,020	MARGUERRE, ANN-KATHRIN	2,875,755
LIGMAN, TIM STEPHEN	2,876,070	LUO, YUNFU	2,876,240	MARICAP OY	2,876,039
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LIMTHONGKUL, PIMPA	2,876,416	LYNCH, ROSEMARY	2,875,990	MARLEY, JEFFREY	2,876,191
LIN, JIE	2,876,026	LYNN, KYLE E.	2,875,834	MARSH, CHARLES	2,876,107
LIN, JUI-CHING	2,876,237	LYNN, KYLE E.	2,875,849	MARTEL, DANIEL A.	2,876,317
LIN, ZUOQIAN	2,875,896	LYNN, KYLE E.	2,875,853	MARTEL, SYLVAIN	2,875,711
LINARDOPOULOS, SPYRIDON	2,876,357	LYNX SOFTWARE		MARTELL, RAYMOND FLOYD	2,875,800
LINDE		TECHNOLOGIES INC.	2,876,380	MARTIN GONZALEZ,	
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LINDSAY, ROBERT TAAFFE	2,875,716	M-I L.L.C.	2,876,310	MARTINEZ ESCRIBANO, JOSE	
LIONHEART, WILLIAM		M4 WAVEPOWER LTD	2,875,958	ANGEL	2,876,343
ROBERT BRECKON	2,875,649	MA, BIN	2,875,715	MARUYAMA, YASUYO	2,876,116
LIU, FENGSHU	2,875,974	MA, JIANGJIANG	2,876,168	MASSA, DARIO	2,875,941
LIU, HAO-LI	2,876,129	MA, QINGQIANG	2,876,168	MASSACHUSETTS INSTITUTE	
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LIU, JIANQI	2,875,721	MACFARLANE, DOUGLAS	2,876,242	MATA, GABRIEL VICENCIO	2,875,959
LIU, JINXIA	2,876,026	MACK TRUCKS, INC.	2,876,191	MATHEISL, MICHAEL	2,875,952
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LIU, PING	2,876,026	MACKMAN, RICHARD	2,875,692	MATSUNOBU, TORU	2,875,196
LIU, QINGYIAN	2,875,802	MACKMAN, RICHARD	2,875,718	MATSUZONO, SHINICHIRO	2,875,771
LIU, QIUMING	2,875,632	MACNAMARA, JOHN		MATYUS, PETER	2,876,403
LIU, XIAORONG	2,875,721	GRAHAM	2,876,335	MAUER, THIERRY	2,875,960
LIU, YUHAN	2,876,026	MADDULA, KRISHNA	2,875,710	MAVURI, RAJESH	2,876,435
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LOGES, NIKLAS	2,875,636	MAGARVEY, NATHAN	2,875,715	MCCAFFREY, JOHN	2,876,358
LOMBARDI, LUCA	2,875,748	MAGIC LEAP, INC.	2,876,335	MCCAFFREY, JOHN	2,876,362
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LONZA BIOLOGICS PLC	2,876,280	INC.	2,876,211	MCCLYMONDS, KEN	2,876,075
LONZA LTD.	2,876,281	MAGNUM MAGNETICS		MCCOLLAM, CHRISTOPHER	
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LOPES, BRUNO EDUARDO	2,875,685	MAHONEY, ROBERT P.	2,876,322	MCCONNELL, ALISTAIR	2,876,146
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LU, MINGQUAN	2,875,900	MAMIDI, RAJESH	2,876,435	CHRISTINE W.	2,875,823
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MICROSOFT CORPORATION	2,876,238	MONTEIRO, MICHAEL JOHN	2,875,880	NEDUNGADI, KISHORE	2,876,281
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MILAM, STANLEY NEMEC	2,876,205	MORGAN, ADAM J.	2,876,306	NETTEKOVEN, MATTHIAS	2,876,443
MILAM, STANLEY NEMEC	2,876,213	MORINAGA MILK INDUSTRY		NEVILLE, ANNE	2,876,032
MILAM, STANLEY NEMEC	2,876,214	CO., LTD.	2,875,646	NEW ENERGY FARMS	
MILES, WILFRED JAIME	2,875,667	MORINAGA MILK INDUSTRY		LIMITED	2,876,119
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MILEWSKI, SLAWOMIR	2,876,074	MORISSETTE, ERIC	2,875,731	NEWLON, JASON WILLIAM	2,876,062
MILITELLO, GREGORY PETER	2,876,007	MORLEY-SMITH, JAMES	2,876,412	NEWROCK ENGINEERING	
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MILLER, MICHAEL	2,876,312	MORTON, EDWARD JAMES	2,875,649	NGUYEN, THOMAS T.	2,875,802
MILLER, ROSS A.	2,875,799	MOSER, CHRISTOF	2,875,905	NGUYEN-KIM, VIET	2,875,755
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BIN ARIS, AZRIN	2,875,770	GADDINI, JOSEPH D.	2,874,014	CORPORATION	2,875,245
BIN KHYASUDEEN,		GARCES, JORGE A.	2,872,385	LANDMARK GRAPHICS	
MUHAMMAD FAHMY	2,875,770	GARVEY, BEN	2,870,544	CORPORATION	2,875,248
BINTI RAMLI, SITI SAWIAH	2,875,770	GED INTEGRATED		LAPERRIERE, JEAN-	
BIONEER CORPORATION	2,871,888	SOLUTIONS, INC.	2,872,219	FRANCOIS	2,872,140
BLACKBERRY LIMITED	2,874,701	GEN-PROBE INCORPORATED	2,875,478	LAUER, MARTIN	2,872,585
BOEHRINGER INGELHEIM		GENEREUX, MARIE-CLAUDE	2,872,140	LEE, SAM YOUNG	2,871,888
INTERNATIONAL GMBH	2,873,524	GLOBAL PRECISION		LMK TECHNOLOGIES, LLC	2,872,123
BORDES, THOMAS	2,869,944	SOLUTIONS, LLP	2,875,184	LSI INDUSTRIES, INC.	2,872,099
BOULEY, SANDRINE	2,872,581	GOMES, JEAN-MANUEL	2,875,398	LSI INDUSTRIES, INC.	2,872,153
BOYER, JOHN D.	2,872,099	GONZALEZ, ANA	2,875,398	LSI INDUSTRIES, INC.	2,872,156
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BOYER, JOHN D.	2,872,156	INTERNATIONAL, INC.	2,875,398	MACKAY, GEORGE ALLAN	2,870,544
BREITKOPF, BERTHOLD	2,872,585	GRIP POD SYSTEMS, L.L.C.	2,874,014	MAFFEI, FRANK C.	2,875,037
BRICE, ALEXIS	2,872,581	GRISMER, JOHN	2,872,219	MATOV, VADIM	2,870,360
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BUTOI-TEODORESCU,		HARMER, QUENTIN JOHN	2,873,780	MCLARTY, SHAMUS JOHN	
BODGAN	2,871,297	HAWES, JOHN M.	2,871,861	ANGUS	2,870,544
BYRNE, THOMAS TIMOTHY	2,871,273	HENNIGAN, AIDAN N.	2,872,385	MCNEIL, KEVIN BENSON	2,871,273
CAI, ZHIJUN	2,874,701	HESSE, DAVID J.	2,873,997	MCQUILLEN, TIM	2,875,576
CALCEI, TOM	2,872,219	HIRANO, HIROMI	2,875,392	MEDTENTIA	
CAMPBELL, DUANE	2,875,086	HITACHI, LTD.	2,872,499	INTERNATIONAL LTD OY	2,872,116

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MELLIN, ANDRE	2,871,273	SIEGER, PETER	2,873,524
MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,873,261	SIMONS, WILLIAM B.	2,875,245
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MOODY, JOSEPH R.	2,874,014	STRONGVIEW SYSTEMS, INC.	2,875,576
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